

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056700.D
 Acq On : 15 Jul 2019 9:56
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 16 01:09:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:03:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	354432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	538032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	485262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	222014	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	194756	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
35) Dibromofluoromethane	7.59	113	167130	50.02	ug/l	0.00
Spiked Amount			Recovery	=	100.04%	
50) Toluene-d8	10.09	98	647588	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	12.40	95	222197	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	156545	51.905	ug/l	100
3) Chloromethane	2.06	50	208216	50.547	ug/l	100
4) Vinyl Chloride	2.18	62	203587	51.208	ug/l	100
5) Bromomethane	2.55	94	120258	52.012	ug/l	100
6) Chloroethane	2.69	64	116380	50.754	ug/l	100
7) Trichlorofluoromethane	3.01	101	258786	50.370	ug/l	100
8) Diethyl Ether	3.41	74	105835	48.904	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	158223	48.538	ug/l	100
10) Methyl Iodide	3.95	142	225487	51.467	ug/l	100
11) Tert butyl alcohol	4.79	59	160576	243.870	ug/l	100
12) 1,1-Dichloroethene	3.73	96	158838	50.546	ug/l	100
13) Acrolein	3.61	56	50422	103.372	ug/l	100
14) Allyl chloride	4.32	41	281694	53.422	ug/l	100
15) Acrylonitrile	4.99	53	468773	254.951	ug/l	100
16) Acetone	3.82	43	436927	225.453	ug/l	100
17) Carbon Disulfide	4.05	76	420871	57.395	ug/l	100
18) Methyl Acetate	4.32	43	197301	39.730	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	514210	49.567	ug/l	100
20) Methylene Chloride	4.55	84	187286	46.257	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	172022	50.691	ug/l	100
22) Diisopropyl ether	5.95	45	564422	51.221	ug/l	100
23) Vinyl Acetate	5.90	43	2366356	272.132	ug/l	100
24) 1,1-Dichloroethane	5.85	63	319813	50.635	ug/l	100
25) 2-Butanone	6.84	43	653434	251.308	ug/l	100
26) 2,2-Dichloropropane	6.83	77	235515	53.147	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	199994	50.532	ug/l	100
28) Bromochloromethane	7.19	49	152802	49.303	ug/l	100
29) Tetrahydrofuran	7.21	42	429856	266.584	ug/l	100
30) Chloroform	7.37	83	310190	49.855	ug/l	100
31) Cyclohexane	7.65	56	304321	49.632	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	258691	52.298	ug/l	100
36) 1,1-Dichloropropene	7.79	75	238860	50.126	ug/l	100
37) Ethyl Acetate	6.93	43	252992	53.972	ug/l	100
38) Carbon Tetrachloride	7.77	117	226934	53.770	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056700.D
 Acq On : 15 Jul 2019 9:56
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 16 01:09:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:03:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	300395	50.924	ug/l	100
40) Benzene	8.04	78	739966	50.452	ug/l	100
41) Methacrylonitrile	7.21	41	365963	178.524	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	233939	48.552	ug/l	100
43) Isopropyl Acetate	8.16	43	390354	53.785	ug/l	100
44) Trichloroethene	8.83	130	196663	49.976	ug/l	100
45) 1,2-Dichloropropane	9.12	63	198984	50.766	ug/l	100
46) Dibromomethane	9.21	93	125314	51.156	ug/l	100
47) Bromodichloromethane	9.40	83	238186	54.342	ug/l	100
48) Methyl methacrylate	9.20	41	191526	52.568	ug/l	100
49) 1,4-Dioxane	9.20	88	73565	980.590	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1255151	267.824	ug/l	100
52) Toluene	10.15	92	452647	50.529	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	258320	58.240	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	294632	55.967	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	182979	50.888	ug/l	100
56) Ethyl methacrylate	10.43	69	288674	54.535	ug/l	100
57) 1,3-Dichloropropane	10.71	76	305784	50.670	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	701685	346.122	ug/l	100
59) 2-Hexanone	10.75	43	934987	270.546	ug/l	100
60) Dibromochloromethane	10.90	129	191462	57.841	ug/l	100
61) 1,2-Dibromoethane	11.00	107	190713	51.935	ug/l	100
64) Tetrachloroethene	10.63	164	193927	50.005	ug/l	100
65) Chlorobenzene	11.43	112	482007	49.378	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	180139	54.041	ug/l	100
67) Ethyl Benzene	11.51	91	860648	50.098	ug/l	100
68) m/p-Xylenes	11.62	106	650882	103.313	ug/l	100
69) o-Xylene	11.95	106	316800	50.837	ug/l	100
70) Styrene	11.96	104	535153	53.679	ug/l	100
71) Bromoform	12.12	173	145355	61.495	ug/l #	100
73) Isopropylbenzene	12.25	105	826593	42.552	ug/l	100
74) N-amyl acetate	12.07	43	325501	46.088	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	263115	43.241	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	329891	70.714	ug/l #	100
77) Bromobenzene	12.52	156	217251	44.064	ug/l	100
78) n-propylbenzene	12.59	91	939015	46.252	ug/l	100
79) 2-Chlorotoluene	12.67	91	556834	43.619	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	704827	44.370	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	79491	58.364	ug/l	100
82) 4-Chlorotoluene	12.77	91	555119	46.347	ug/l	100
83) tert-Butylbenzene	12.99	119	596062	41.266	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	702465	47.011	ug/l	100
85) sec-Butylbenzene	13.17	105	794455	44.696	ug/l	100
86) p-Isopropyltoluene	13.29	119	722651	47.198	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	366640	48.742	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	357130	48.817	ug/l	100
89) n-Butylbenzene	13.61	91	613269	52.087	ug/l	100
90) Hexachloroethane	13.87	117	117213	48.714	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	370774	49.592	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46751	55.797	ug/l	100

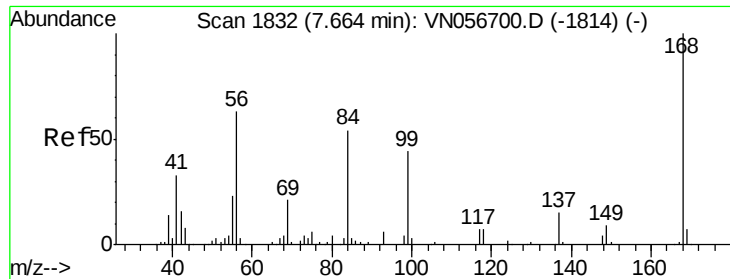
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
Data File : VN056700.D
Acq On : 15 Jul 2019 9:56
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Quant Time: Jul 16 01:09:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 01:03:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	200130	62.026	ug/l	100
94) Hexachlorobutadiene	15.01	225	121527	42.869	ug/l	100
95) Naphthalene	15.13	128	534515	62.749	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	198799	57.844	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

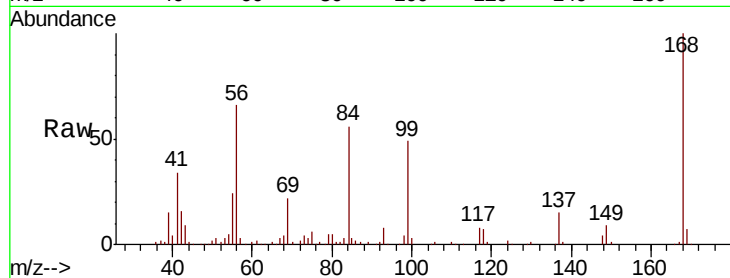
VSTDICCC050

Tot Ion:168 Resp: 354432

Ion Ratio Lower Upper

168 100

99 49.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

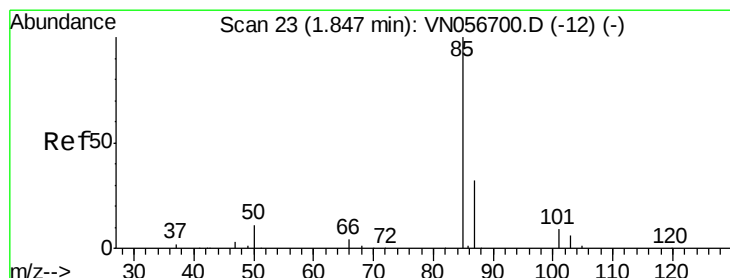
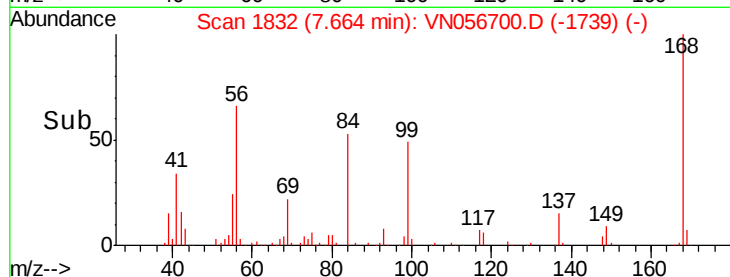
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.905 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056700.D

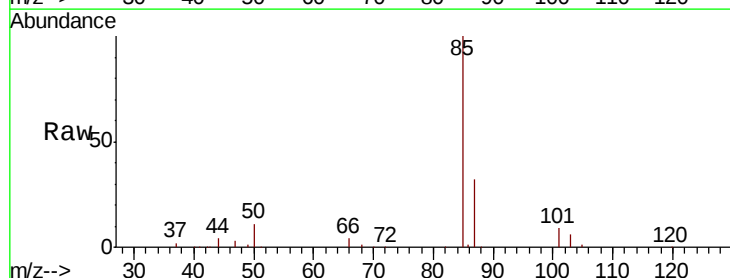
Acq: 15 Jul 2019 9:56

Tgt Ion: 85 Resp: 156545

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

120000

100000

80000

60000

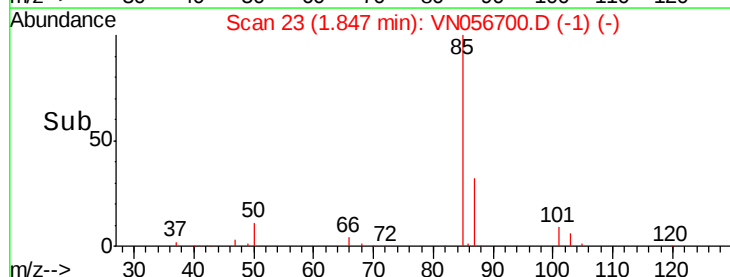
40000

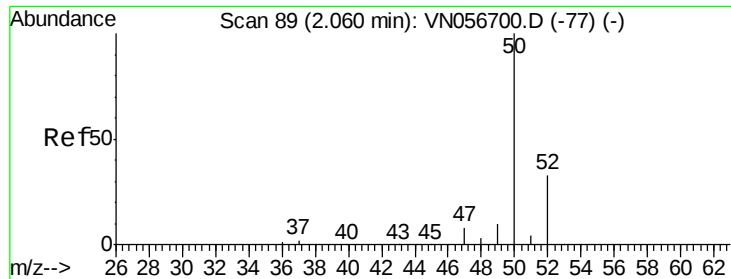
20000

0

1.80 1.90 2.00

Time-->

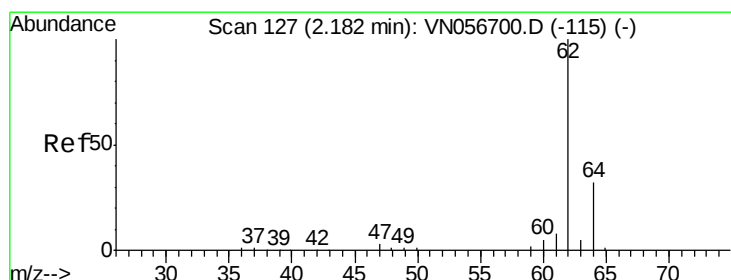
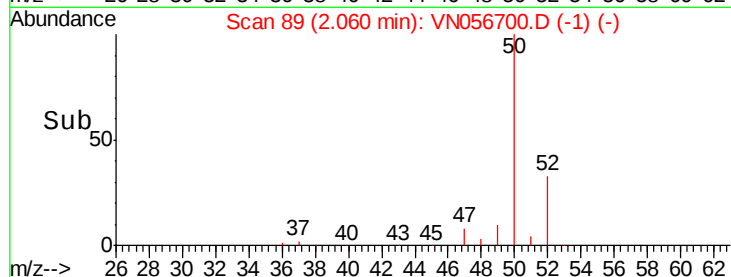
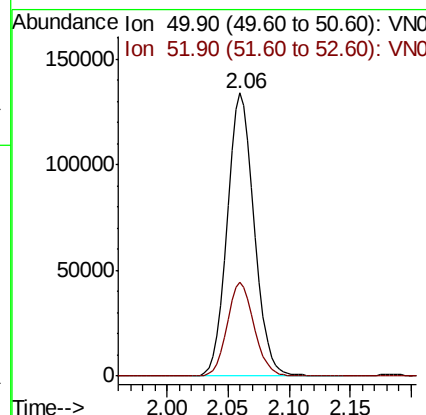
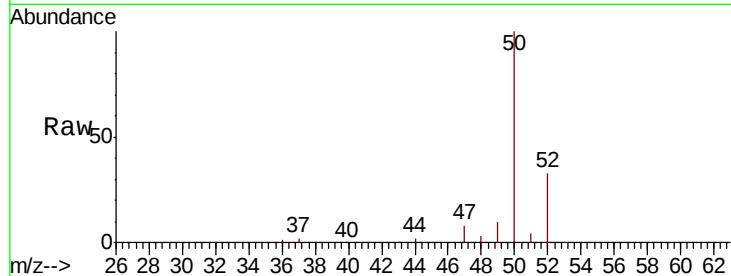




#3
Chloromethane
Concen: 50.547 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

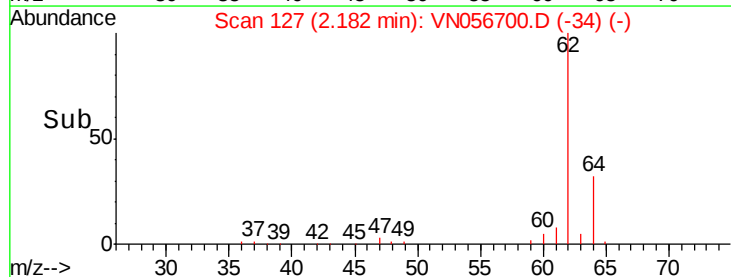
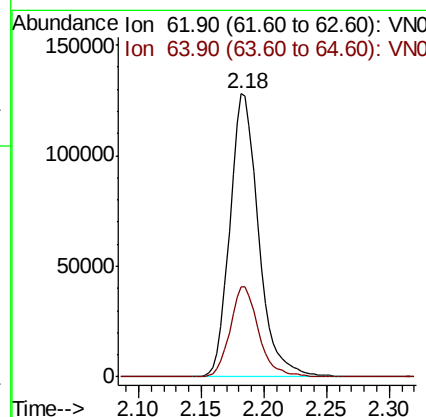
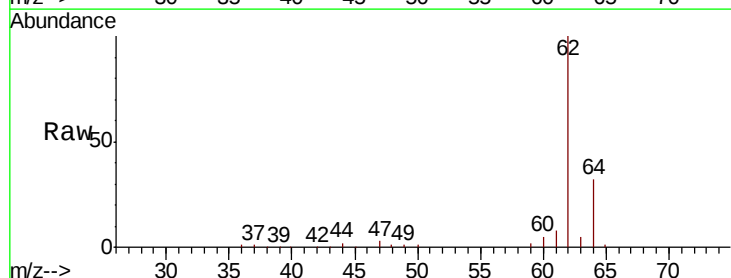
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

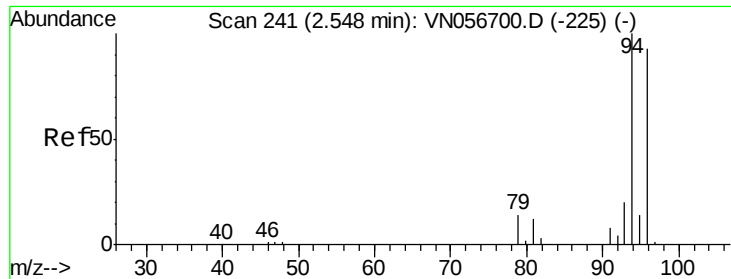
Tot Ion: 50 Resp: 208216
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7



#4
Vinyl Chloride
Concen: 51.208 ug/l
RT: 2.18 min Scan# 127
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

Tgt Ion: 62 Resp: 203587
Ion Ratio Lower Upper
62 100
64 32.0 25.6 38.4

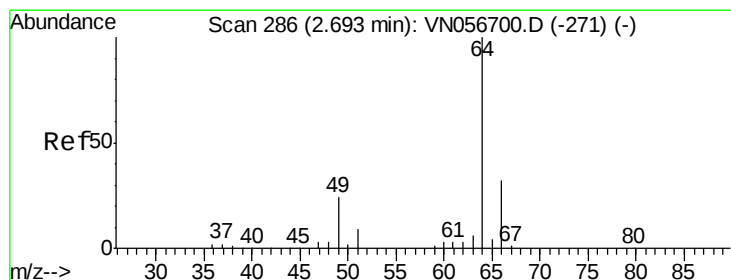
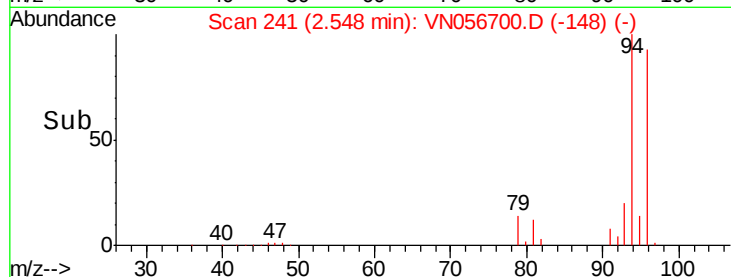
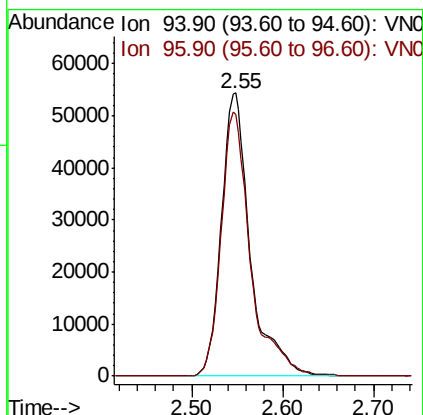
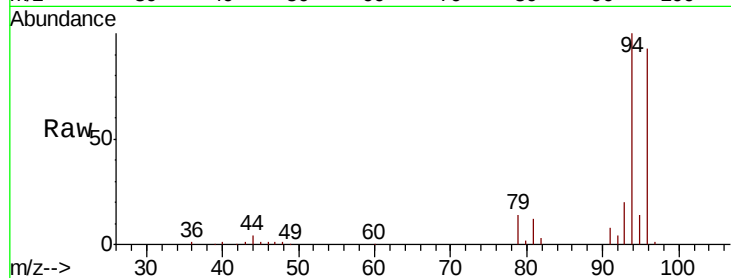




#5
Bromomethane
Concen: 52.012 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

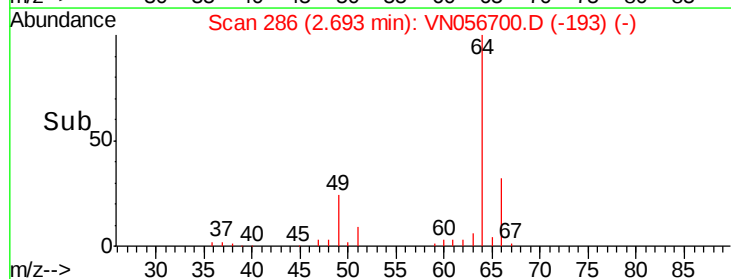
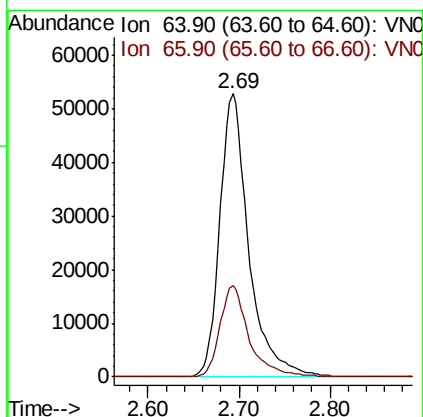
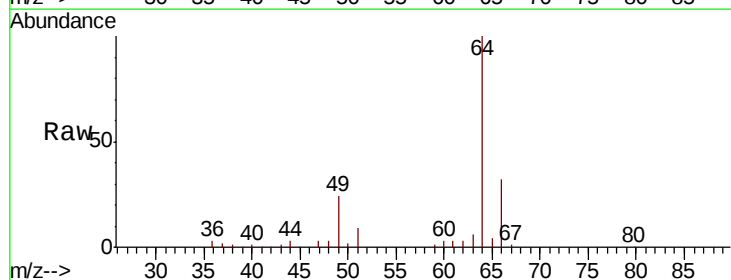
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

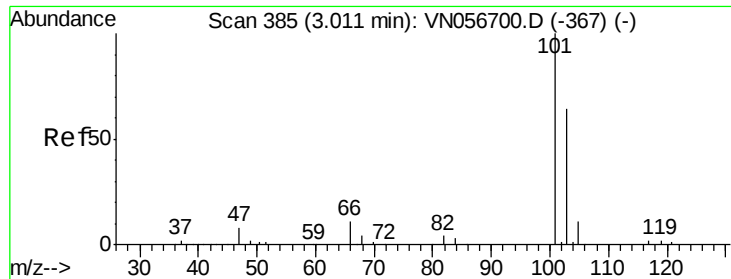
Tot Ion: 94 Resp: 120258
Ion Ratio Lower Upper
94 100
96 92.5 74.0 111.0



#6
Chloroethane
Concen: 50.754 ug/l
RT: 2.69 min Scan# 286
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

Tgt Ion: 64 Resp: 116380
Ion Ratio Lower Upper
64 100
66 32.3 25.8 38.8



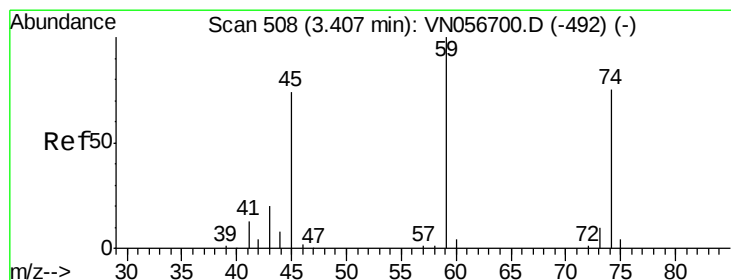
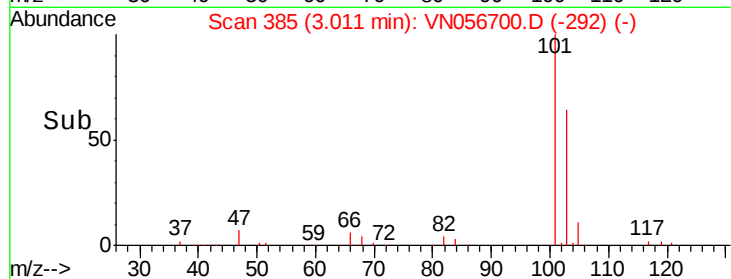
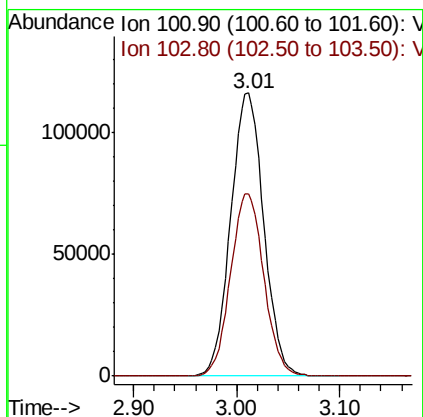
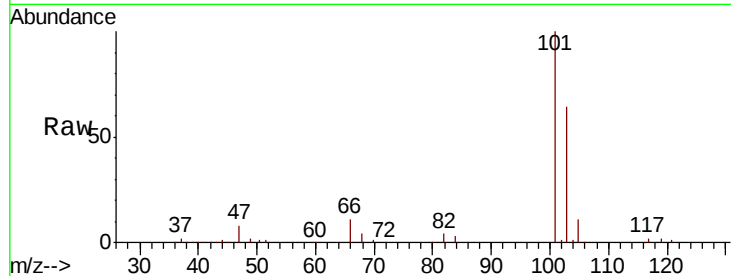


#7

Trichlorofluoromethane
 Concen: 50.370 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: VN056700.D
 Acq: 15 Jul 2019 9:56

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

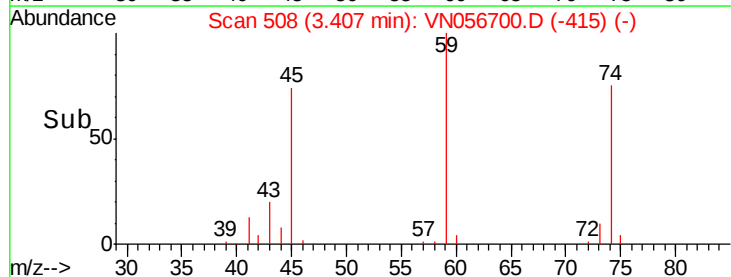
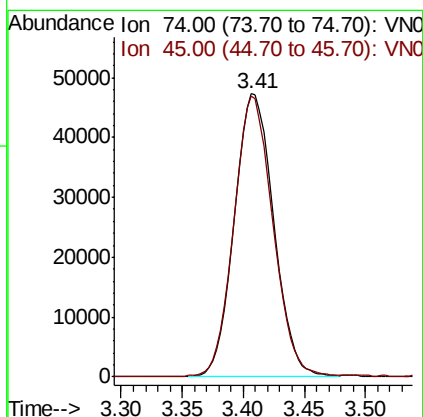
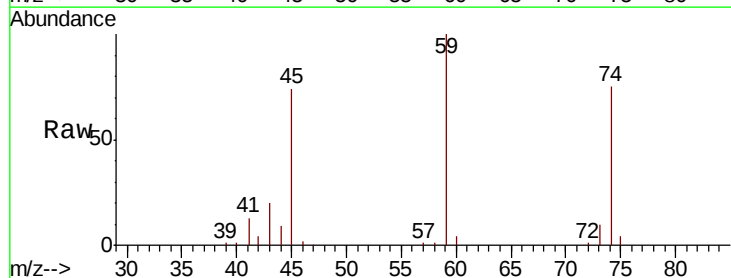
Tot Ion:101 Resp: 258786
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3

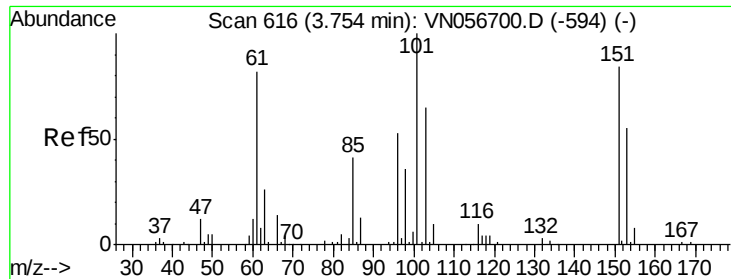


#8

Diethyl Ether
 Concen: 48.904 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN056700.D
 Acq: 15 Jul 2019 9:56

Tgt Ion: 74 Resp: 105835
 Ion Ratio Lower Upper
 74 100
 45 98.8 49.4 148.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.538 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

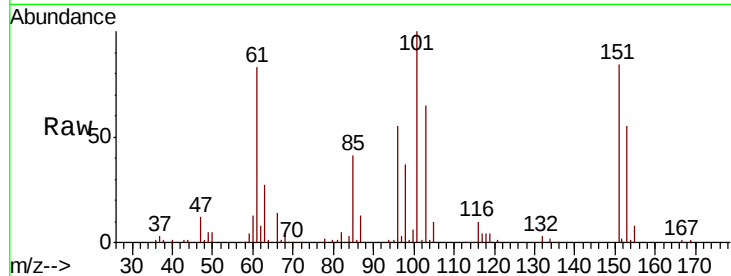
Tot Ion:101 Resp: 158223

Ion Ratio Lower Upper

101 100

85 41.6 33.3 49.9

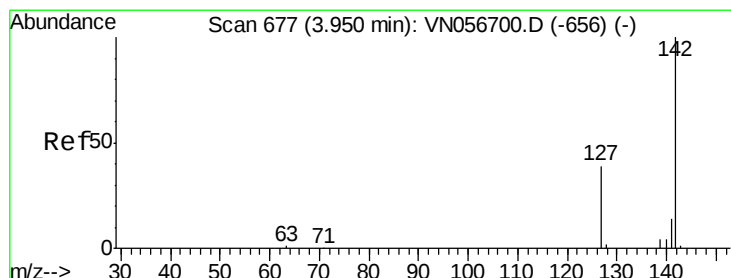
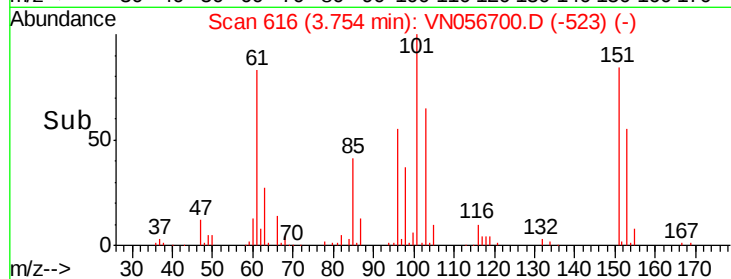
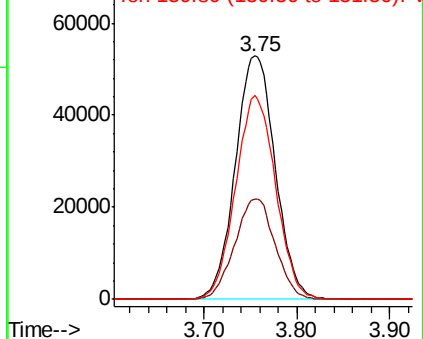
151 83.8 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.467 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

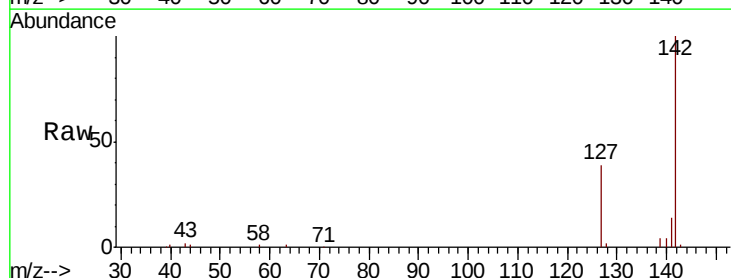
Tgt Ion:142 Resp: 225487

Ion Ratio Lower Upper

142 100

127 38.4 30.7 46.1

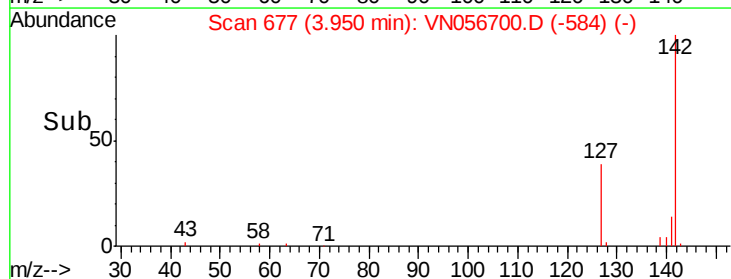
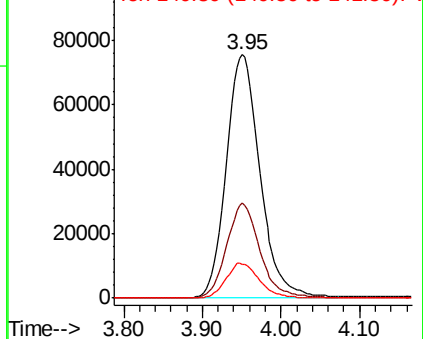
141 14.1 11.3 16.9

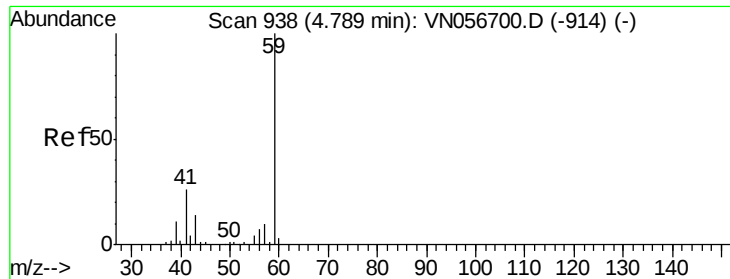


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

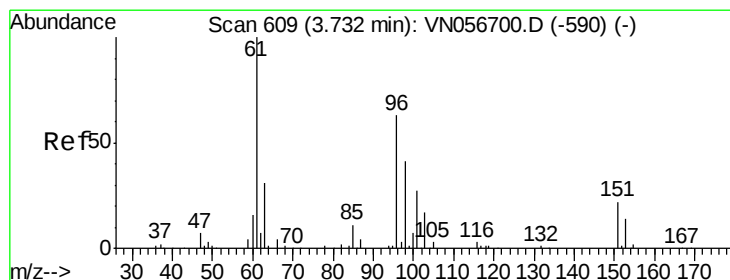
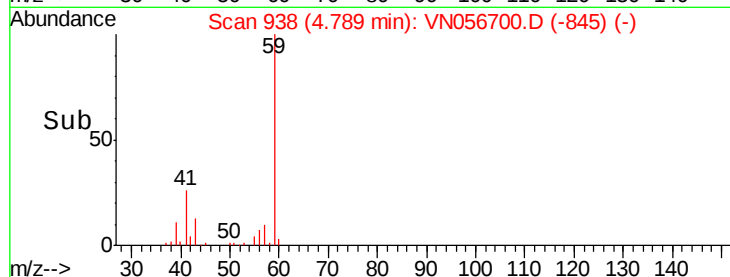
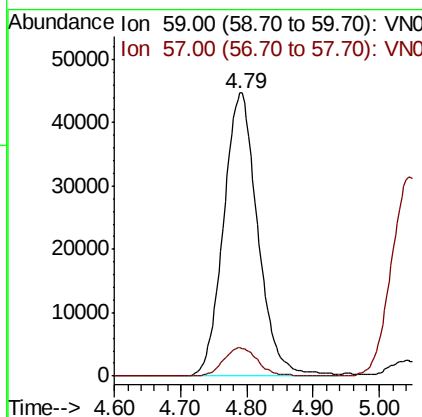
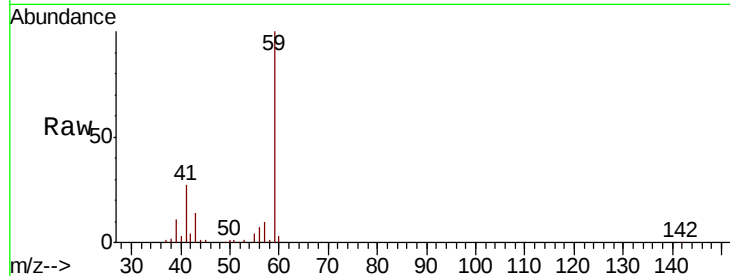




#11
Tert butyl alcohol
Concen: 243.870 ug/l
RT: 4.79 min Scan# 938
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

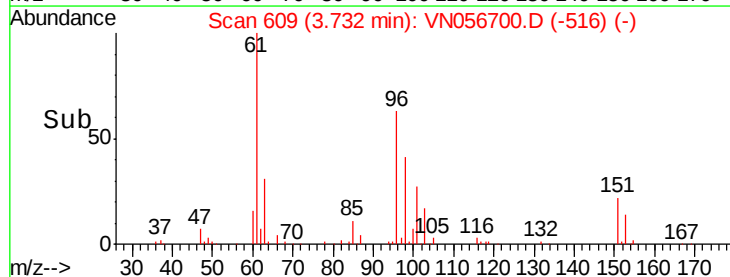
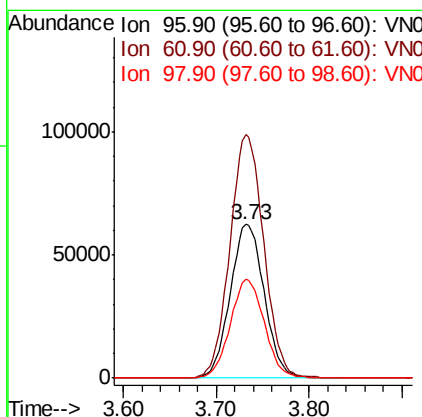
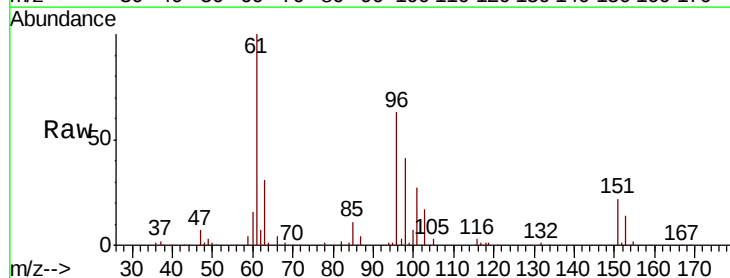
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

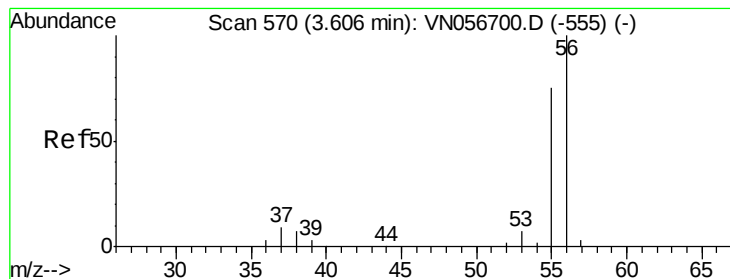
Tot Ion: 59 Resp: 160576
Ion Ratio Lower Upper
59 100
57 10.0 8.0 12.0



#12
1,1-Dichloroethene
Concen: 50.546 ug/l
RT: 3.73 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

Tgt Ion: 96 Resp: 158838
Ion Ratio Lower Upper
96 100
61 158.2 126.6 189.8
98 64.3 51.4 77.2





#13

Acrolein

Concen: 103.372 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

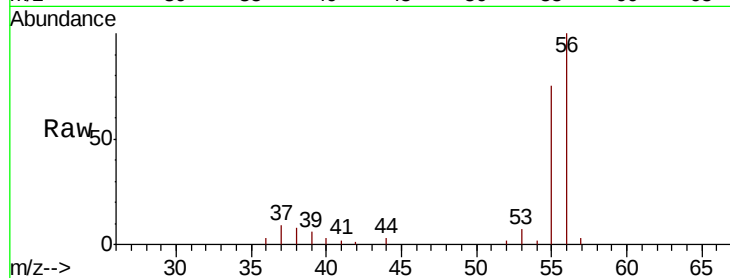
VSTDICCC050

Tot Ion: 56 Resp: 50422

Ion Ratio Lower Upper

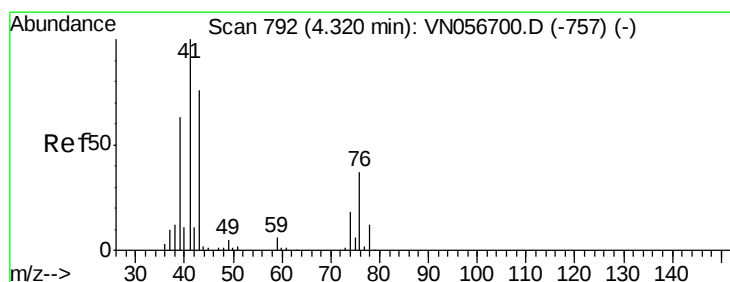
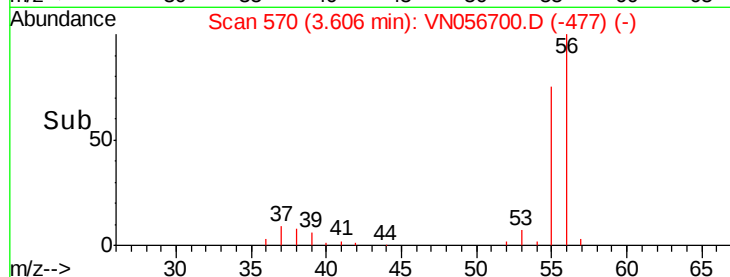
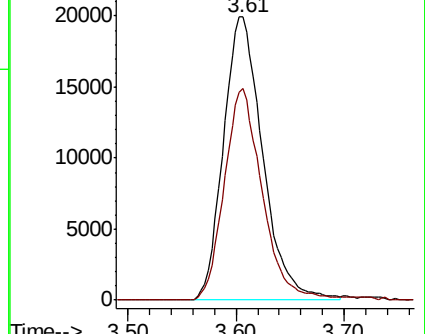
56 100

55 72.5 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN056700.D (-555) (-)

Ion 55.00 (54.70 to 55.70): VN056700.D (-555) (-)



#14

Allyl chloride

Concen: 53.422 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

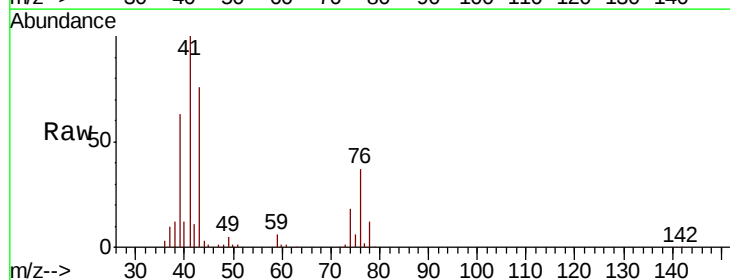
Tgt Ion: 41 Resp: 281694

Ion Ratio Lower Upper

41 100

39 58.6 46.9 70.3

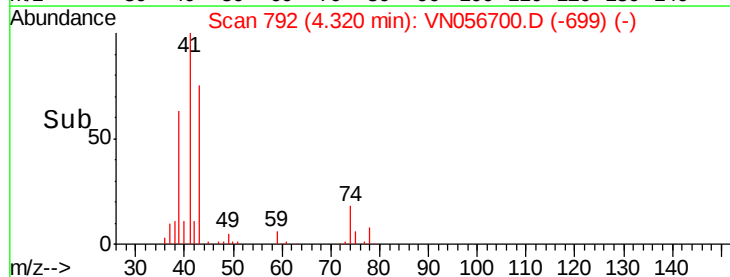
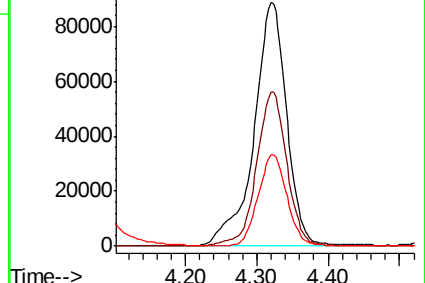
76 33.1 26.5 39.7

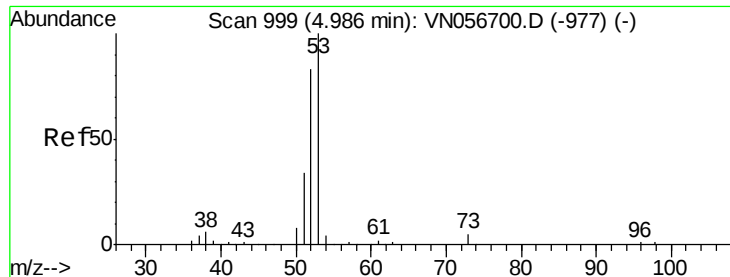


Abundance Ion 41.00 (40.70 to 41.70): VN056700.D (-757) (-)

Ion 39.00 (38.70 to 39.70): VN056700.D (-757) (-)

Ion 75.90 (75.60 to 76.60): VN056700.D (-757) (-)





#15

Acrylonitrile

Concen: 254.951 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

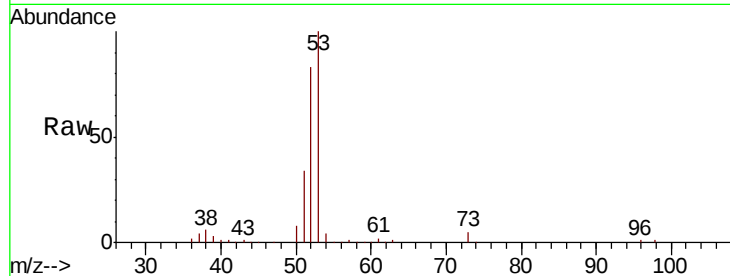
Tot Ion: 53 Resp: 468773

Ion Ratio Lower Upper

53 100

52 83.2 66.6 99.8

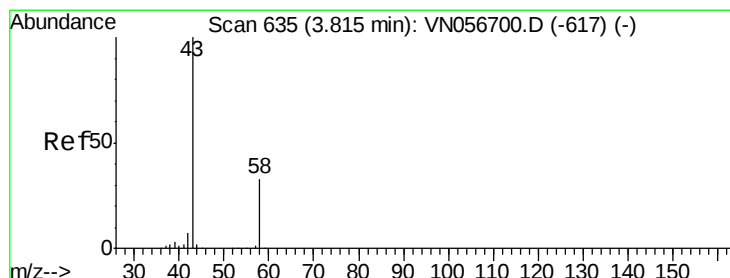
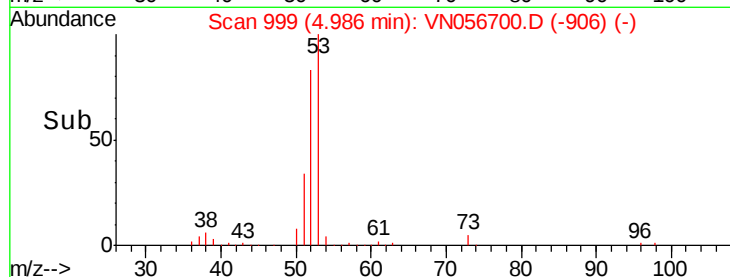
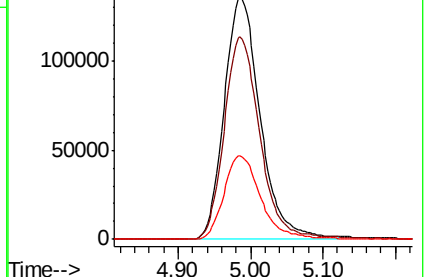
51 35.5 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VN056700.D (-977) (-)

Ion 52.00 (51.70 to 52.70): VN056700.D (-977) (-)

Ion 51.00 (50.70 to 51.70): VN056700.D (-977) (-)



#16

Acetone

Concen: 225.453 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN056700.D

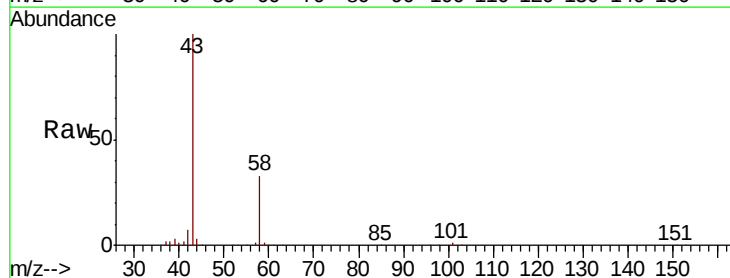
Acq: 15 Jul 2019 9:56

Tgt Ion: 43 Resp: 436927

Ion Ratio Lower Upper

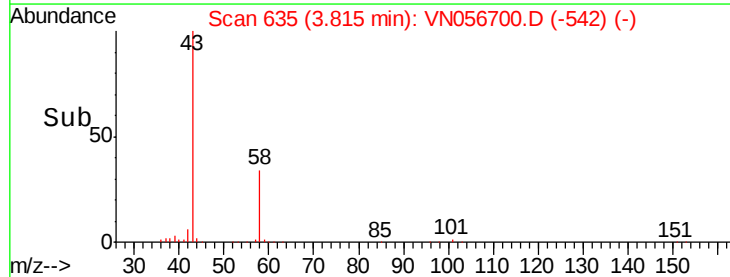
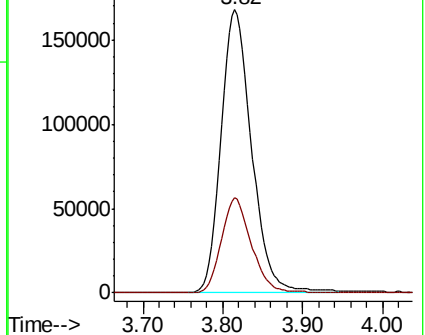
43 100

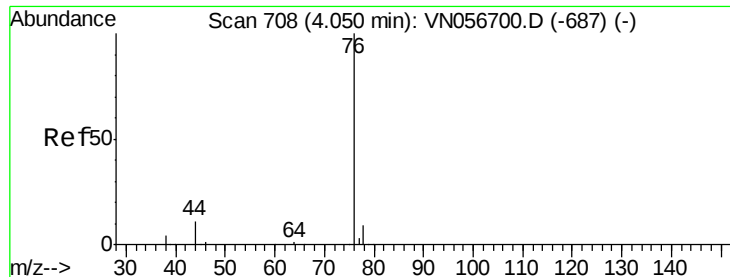
58 33.4 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN056700.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN056700.D (-617) (-)

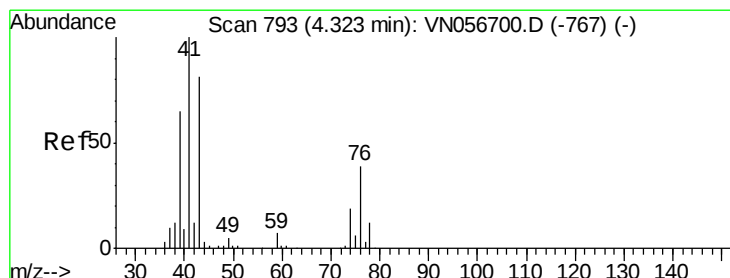
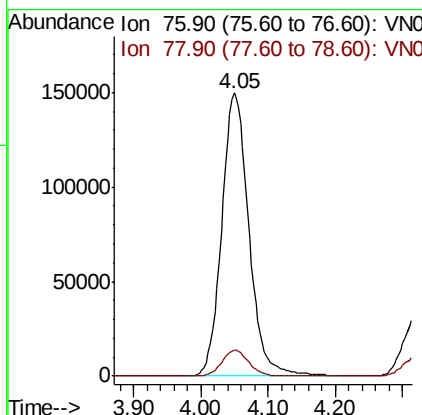
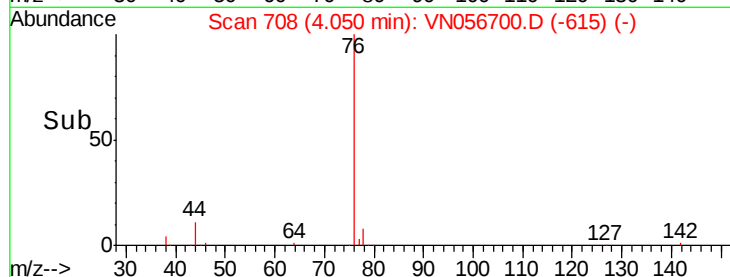
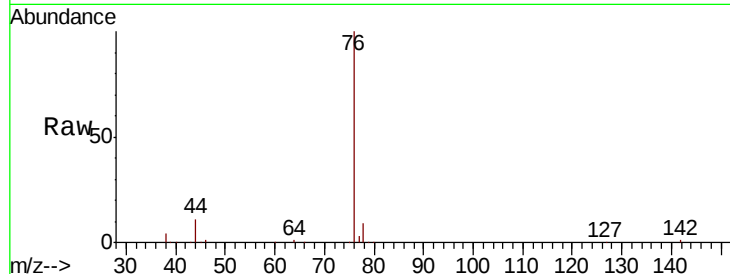




#17
Carbon Disulfide
Concen: 57.395 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

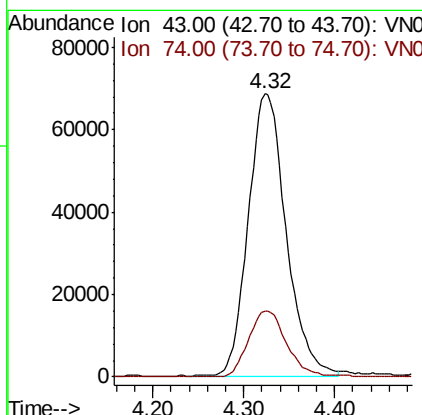
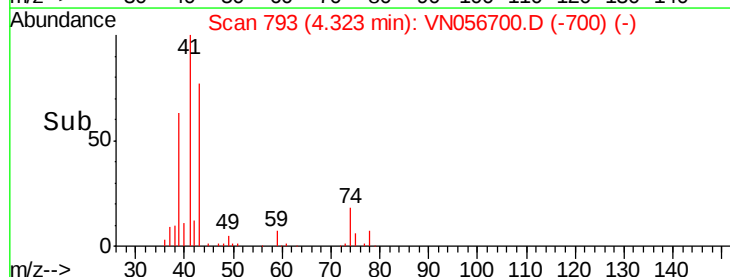
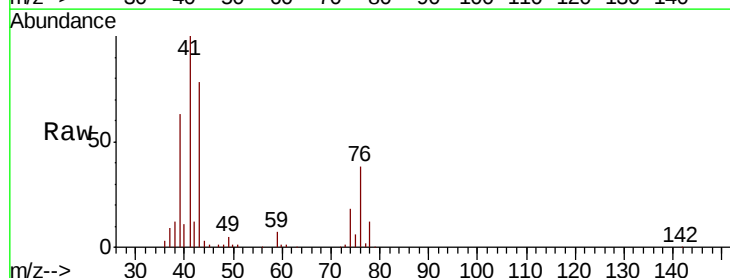
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

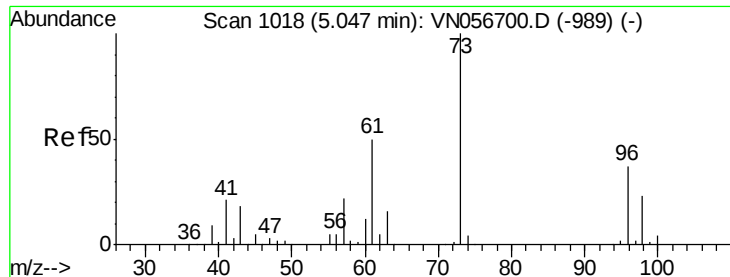
Tot Ion: 76 Resp: 420871
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 39.730 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

Tgt Ion: 43 Resp: 197301
Ion Ratio Lower Upper
43 100
74 23.6 18.9 28.3

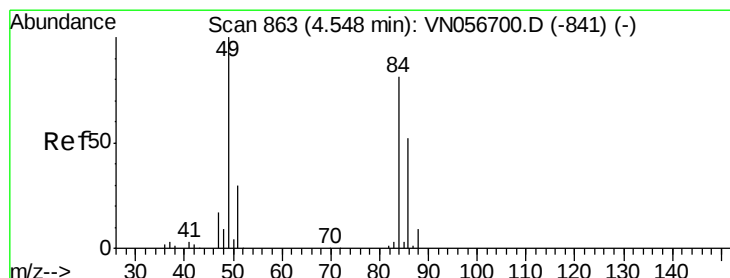
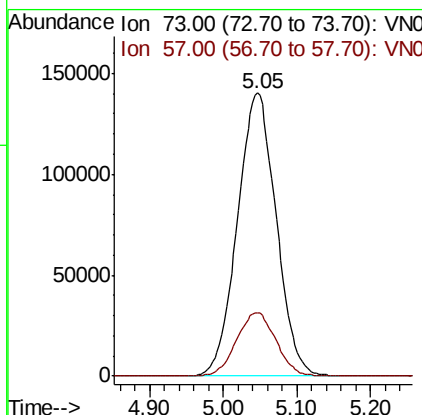
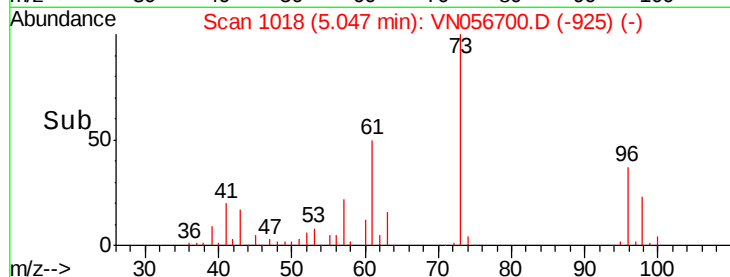
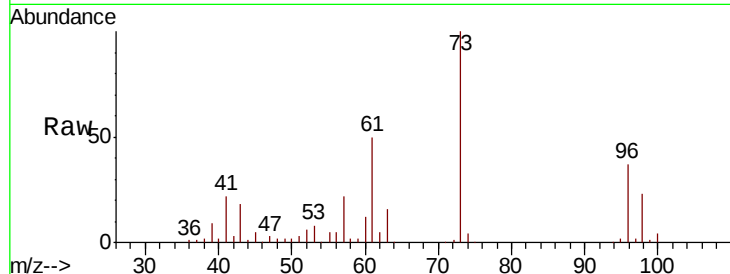




#19
Methyl tert-butyl Ether
Concen: 49.567 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

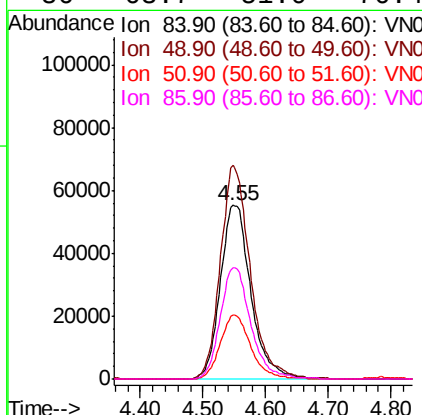
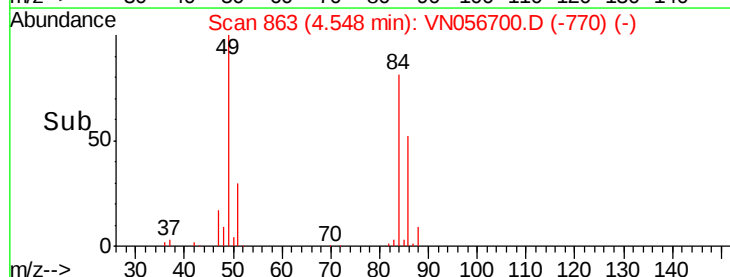
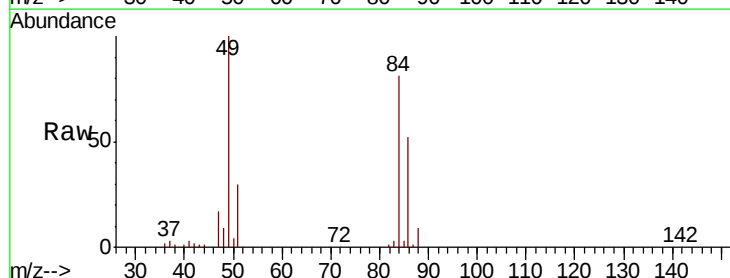
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

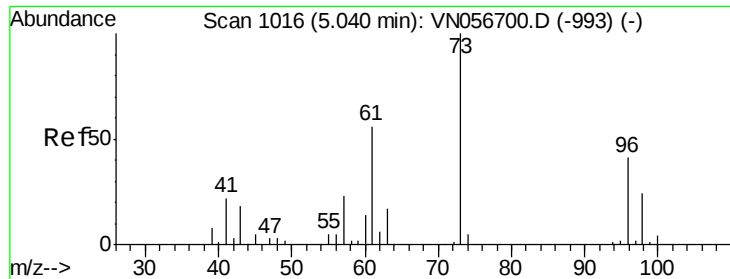
Tot Ion: 73 Resp: 514210
Ion Ratio Lower Upper
73 100
57 22.4 17.9 26.9



#20
Methylene Chloride
Concen: 46.257 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

Tgt Ion: 84 Resp: 187286
Ion Ratio Lower Upper
84 100
49 122.8 98.2 147.4
51 37.0 29.6 44.4
86 63.7 51.0 76.4

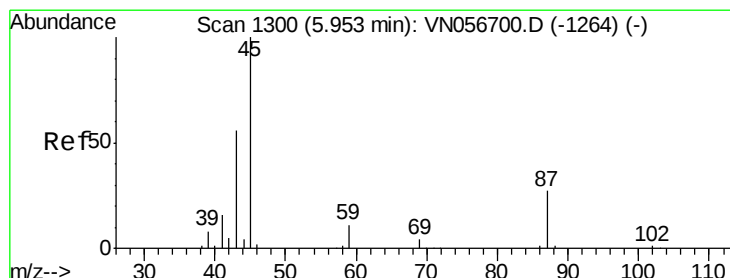
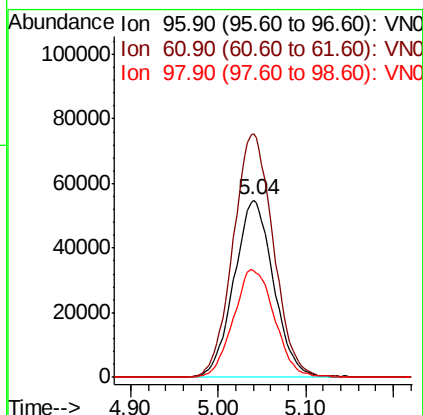
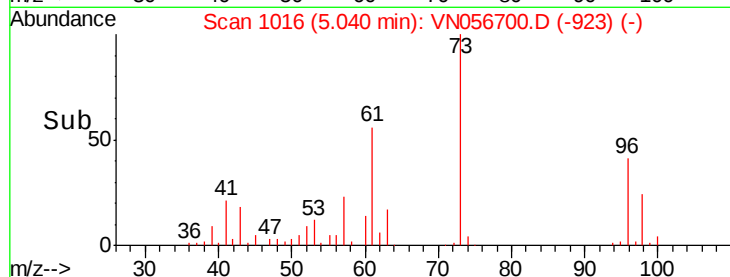
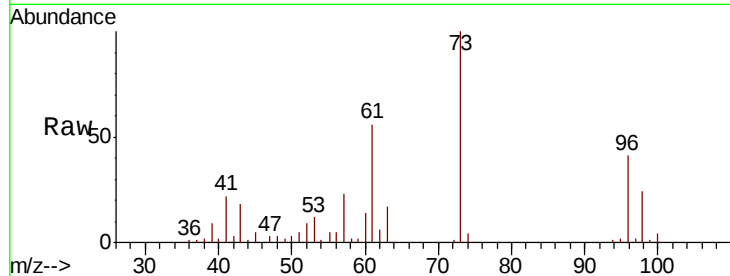




#21
trans-1,2-Dichloroethene
Concen: 50.691 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

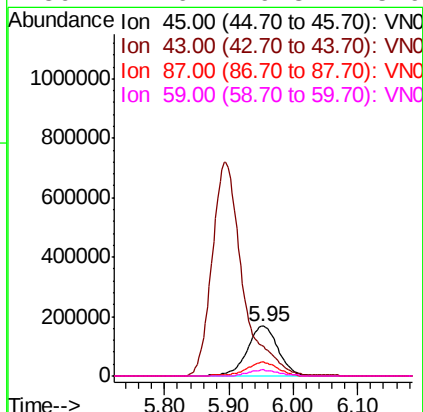
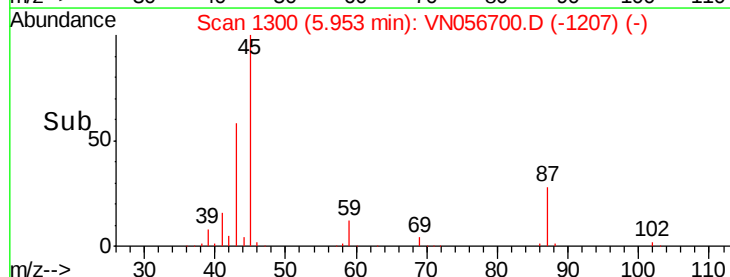
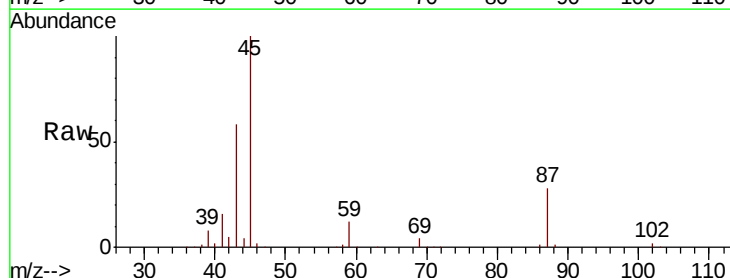
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

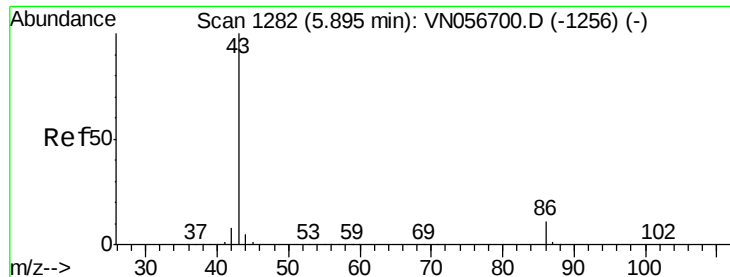
Tot Ion: 96 Resp: 172022
Ion Ratio Lower Upper
96 100
61 136.8 109.4 164.2
98 60.0 48.0 72.0



#22
Diisopropyl ether
Concen: 51.221 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

Tgt Ion: 45 Resp: 564422
Ion Ratio Lower Upper
45 100
43 57.0 45.6 68.4
87 27.5 22.0 33.0
59 11.6 9.3 13.9

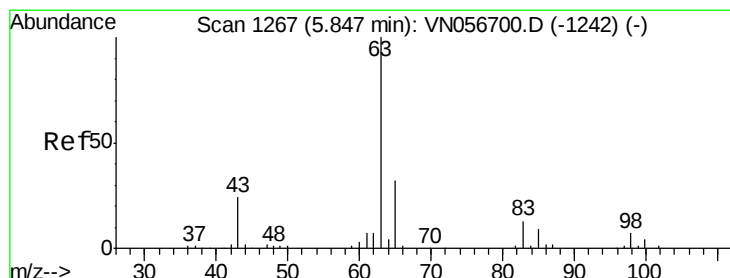
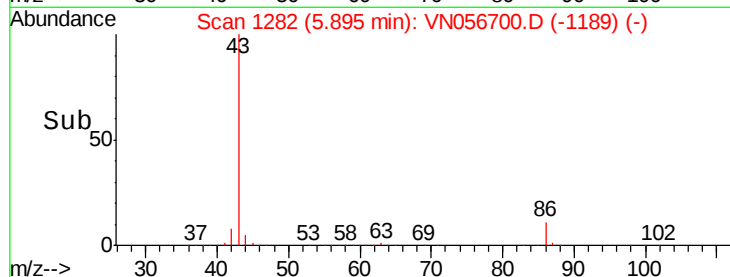
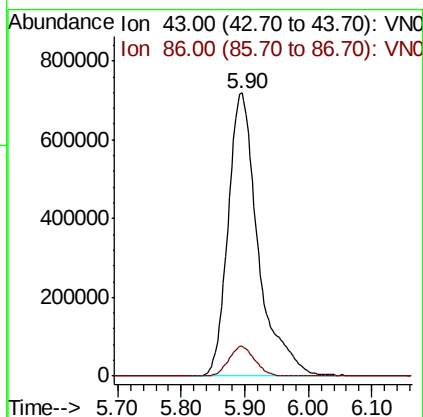
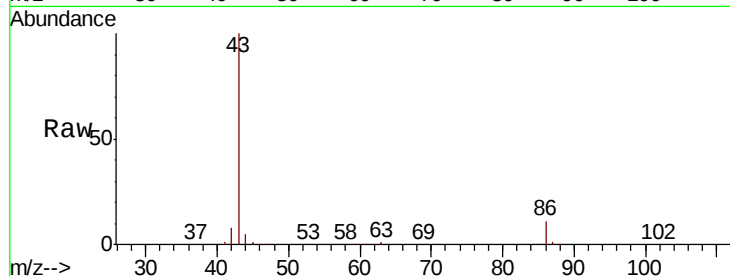




#23
 Vinyl Acetate
 Concen: 272.132 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056700.D
 Acq: 15 Jul 2019 9:56

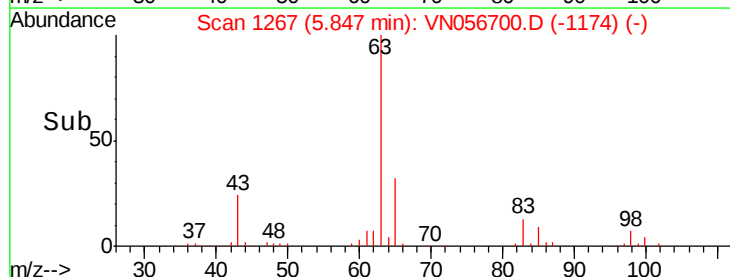
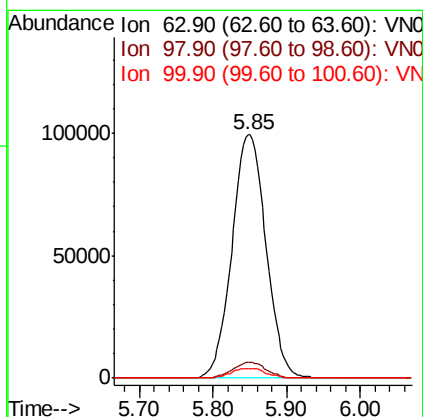
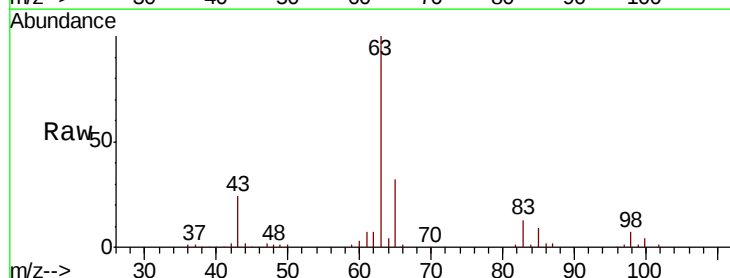
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

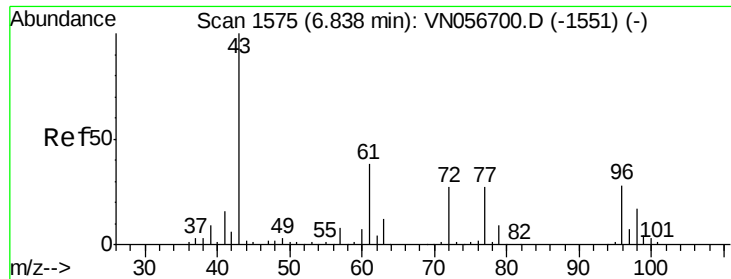
Tot Ion: 43 Resp: 2366356
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 50.635 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN056700.D
 Acq: 15 Jul 2019 9:56

Tgt Ion: 63 Resp: 319813
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 3.9 2.0 5.8





#25

2-Butanone

Concen: 251.308 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

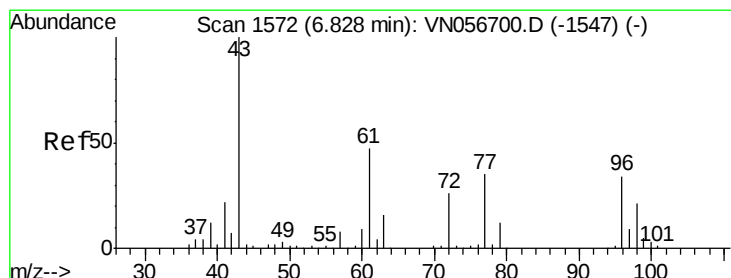
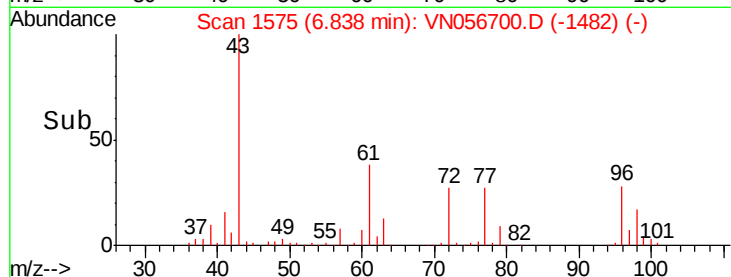
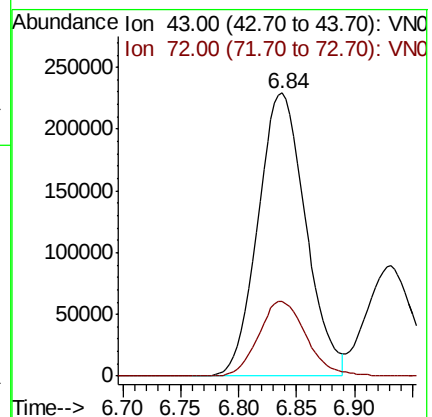
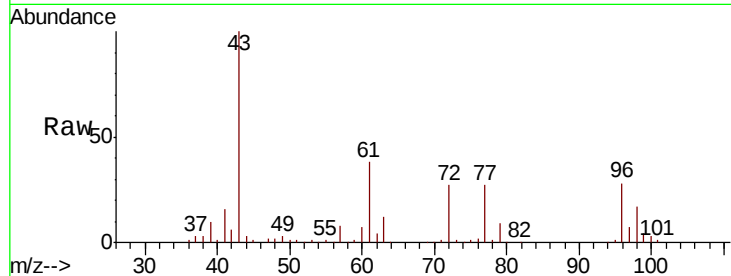
VSTDICCC050

Tot Ion: 43 Resp: 653434

Ion Ratio Lower Upper

43 100

72 26.5 21.2 31.8



#26

2,2-Dichloropropane

Concen: 53.147 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056700.D

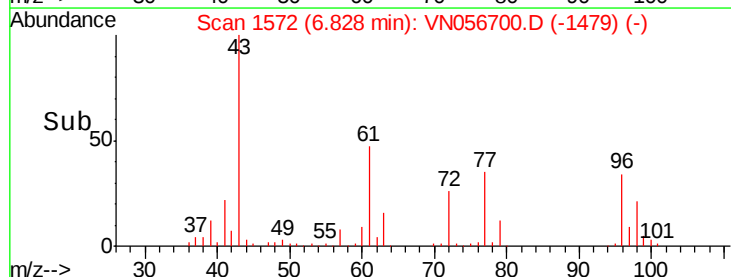
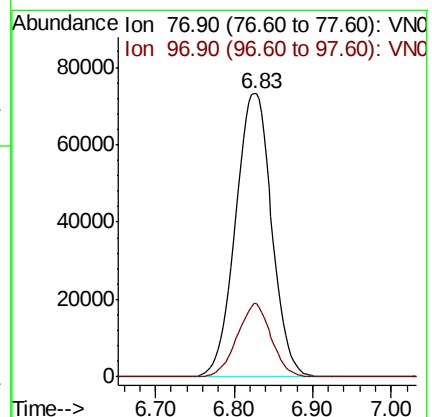
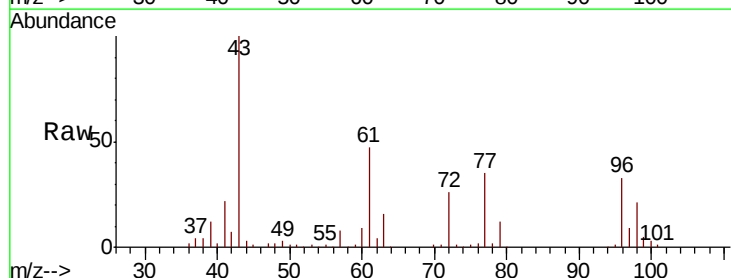
Acq: 15 Jul 2019 9:56

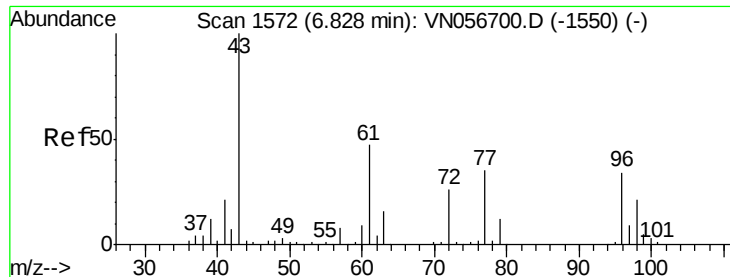
Tgt Ion: 77 Resp: 235515

Ion Ratio Lower Upper

77 100

97 24.4 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 50.532 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

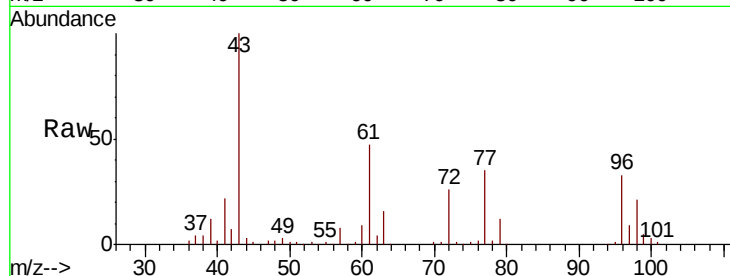
Tot Ion: 96 Resp: 199994

Ion Ratio Lower Upper

96 100

61 140.7 0.0 281.4

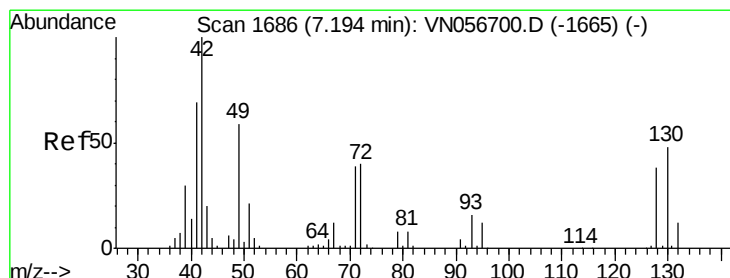
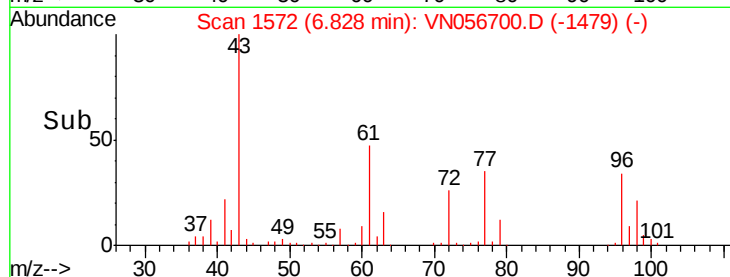
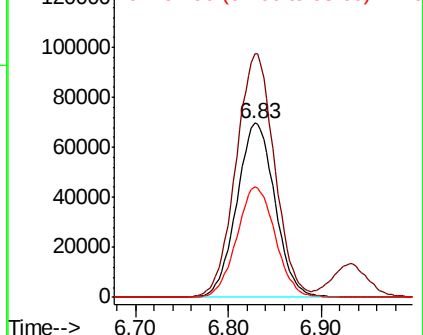
98 63.9 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 49.303 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

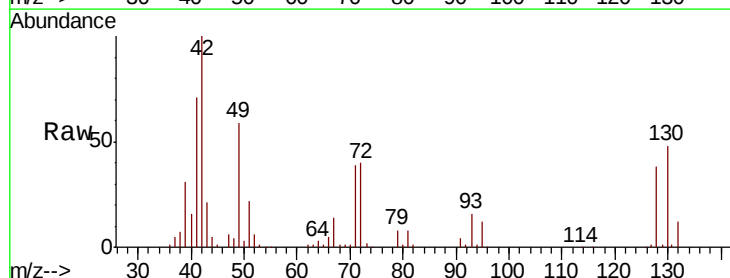
Tgt Ion: 49 Resp: 152802

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

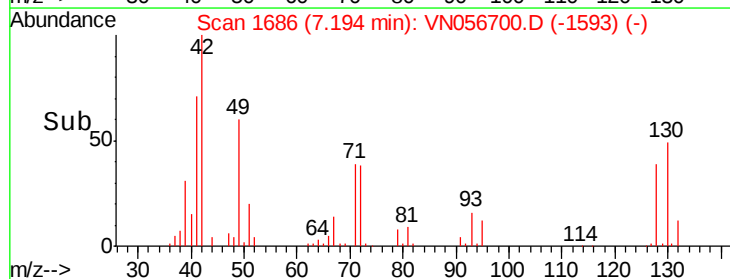
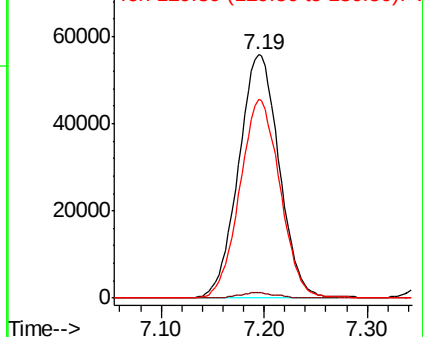
130 80.9 64.7 97.1

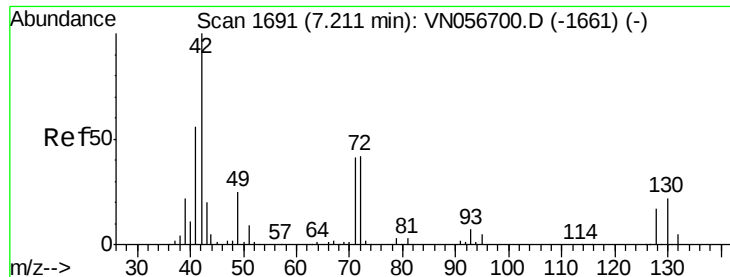


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

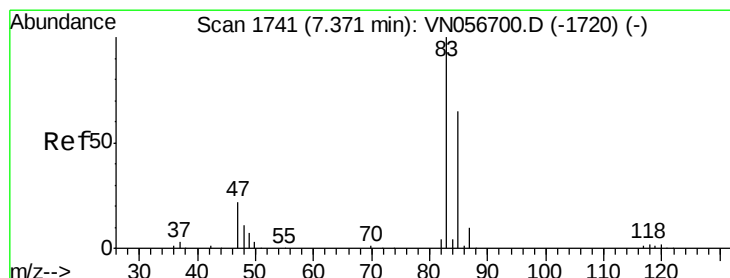
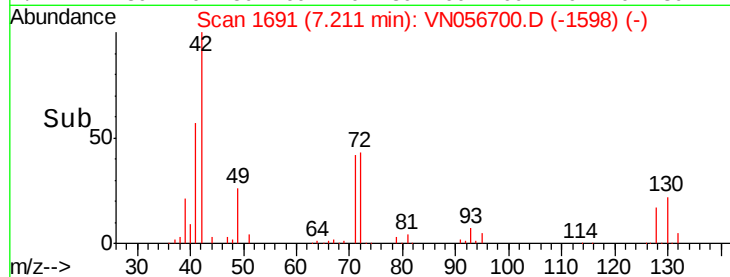
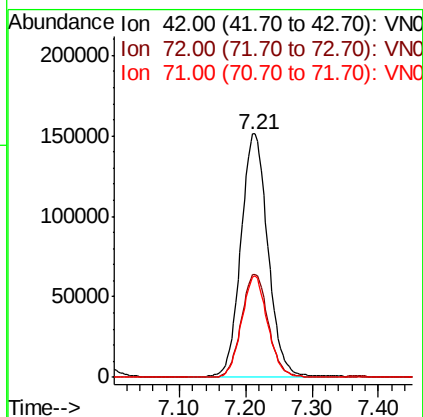
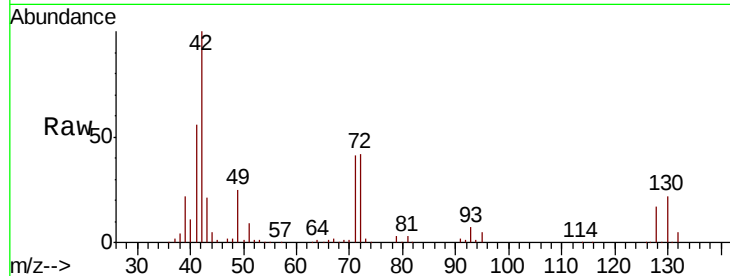




#29
Tetrahydrofuran
Concen: 266.584 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

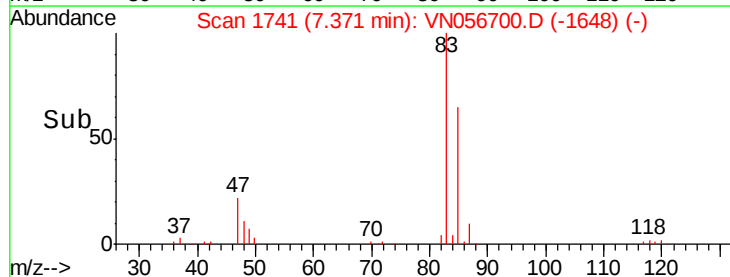
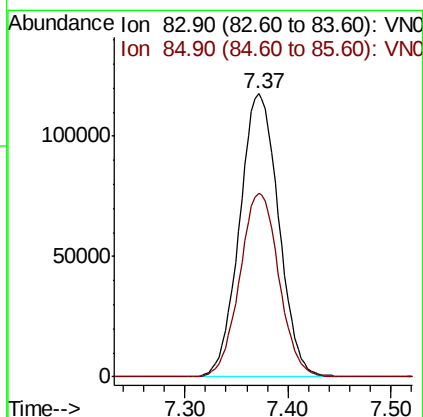
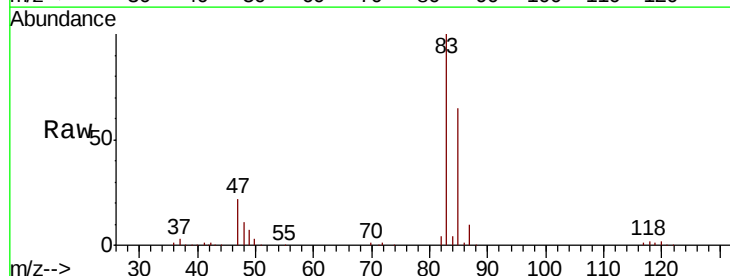
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

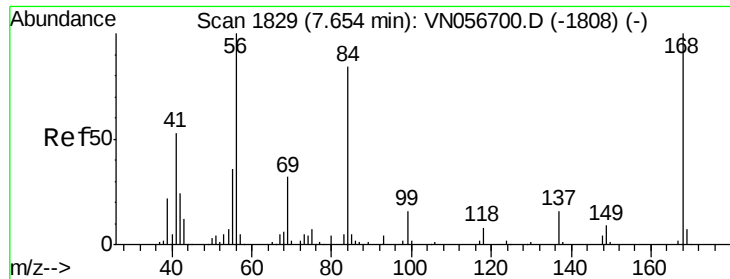
Tot Ion: 42 Resp: 429856
Ion Ratio Lower Upper
42 100
72 41.9 33.5 50.3
71 39.8 31.8 47.8



#30
Chloroform
Concen: 49.855 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

Tgt Ion: 83 Resp: 310190
Ion Ratio Lower Upper
83 100
85 64.9 51.9 77.9

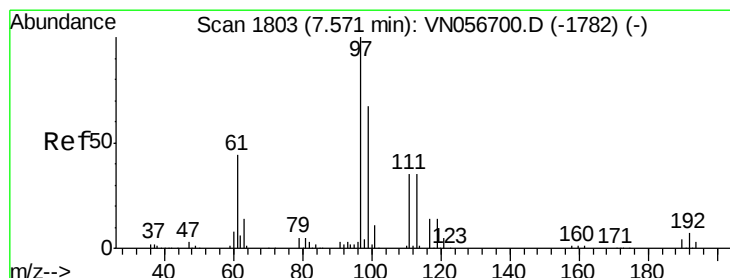
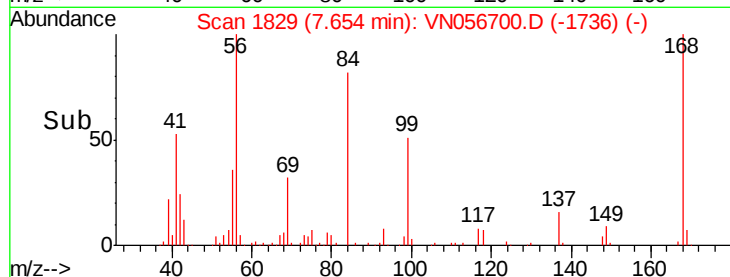
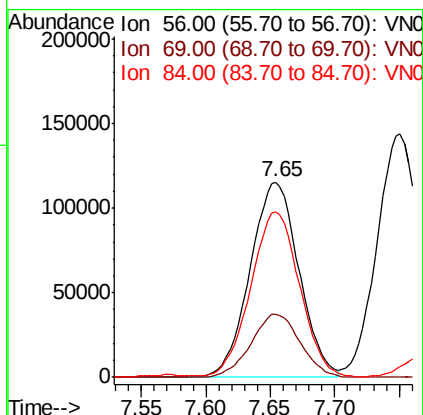
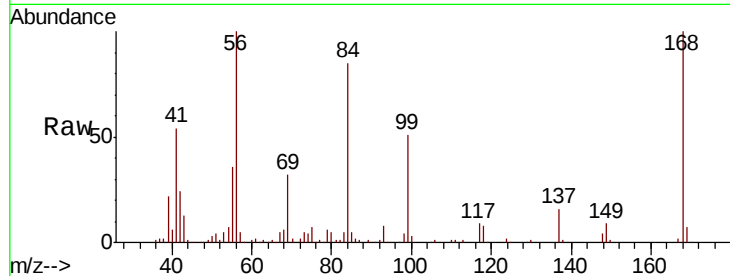




#31
Cyclohexane
Concen: 49.632 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

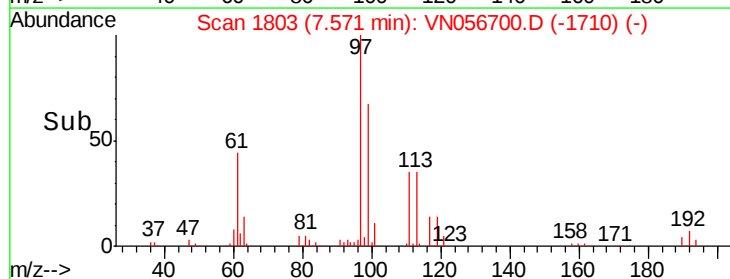
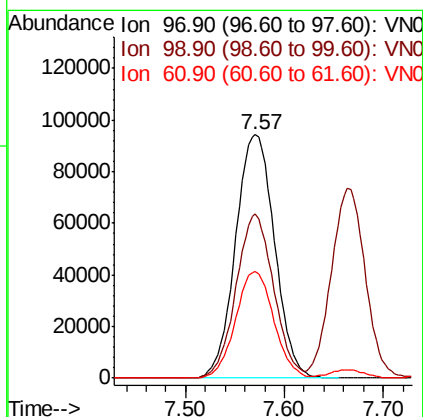
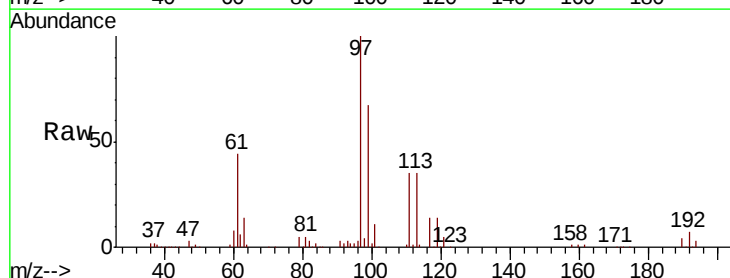
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

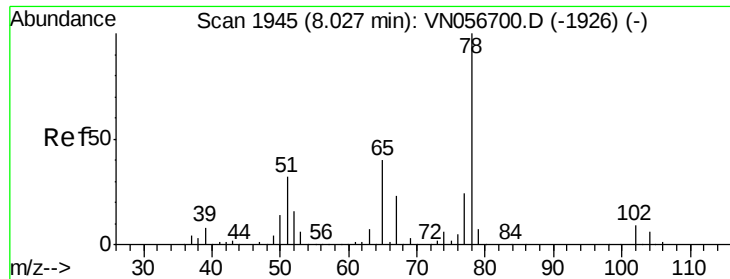
Tot Ion: 56 Resp: 304321
Ion Ratio Lower Upper
56 100
69 32.3 25.8 38.8
84 84.2 67.4 101.0



#32
1,1,1-Trichloroethane
Concen: 52.298 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

Tgt Ion: 97 Resp: 258691
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 42.9 34.3 51.5

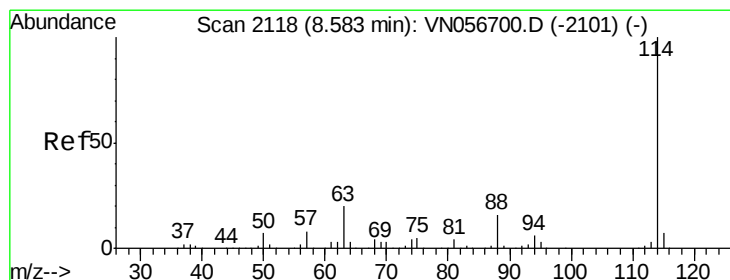
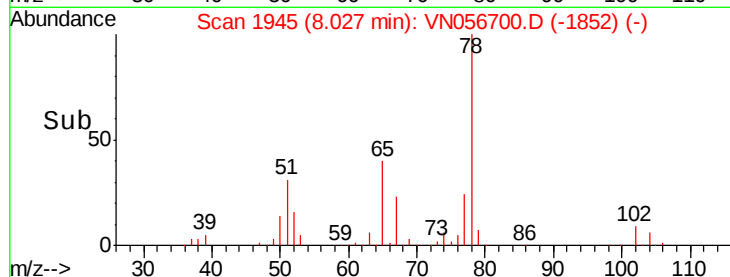
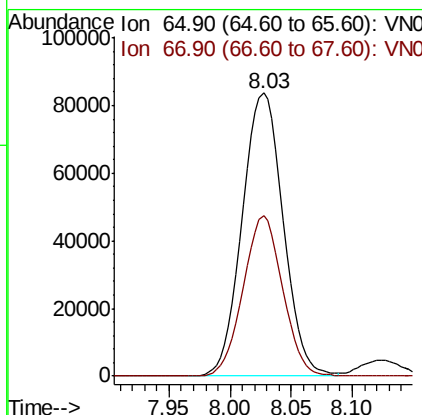
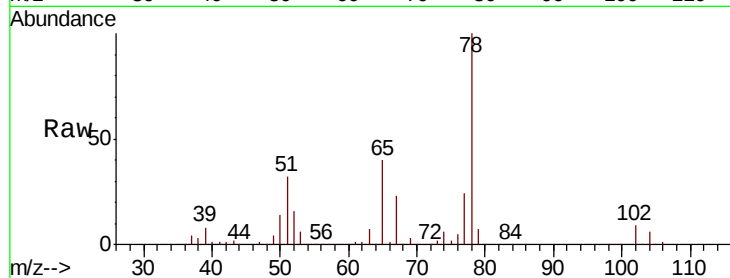




#33
 1,2-Dichloroethane-d4
 Concen: 49.772 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056700.D
 Acq: 15 Jul 2019 9:56

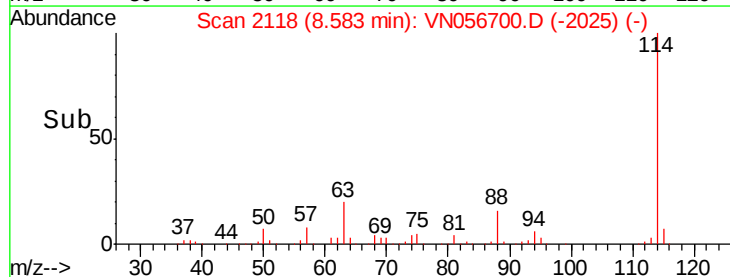
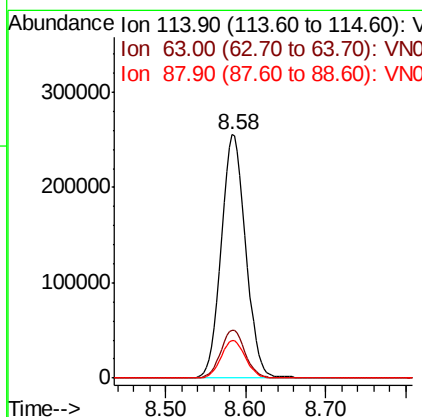
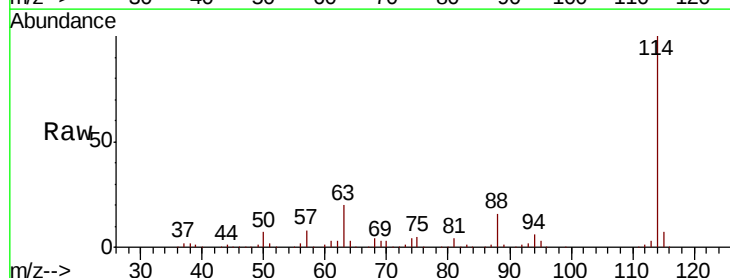
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

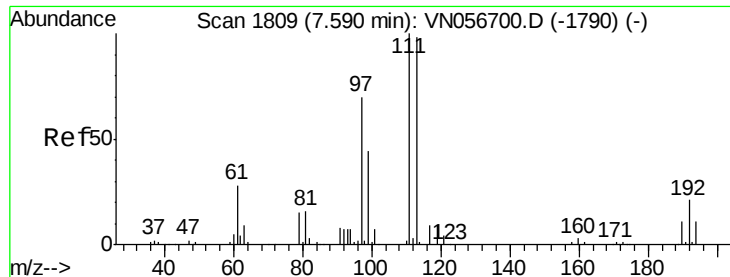
Tot Ion: 65 Resp: 194756
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056700.D
 Acq: 15 Jul 2019 9:56

Tgt Ion: 114 Resp: 538032
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.4
 88 15.6 0.0 31.2

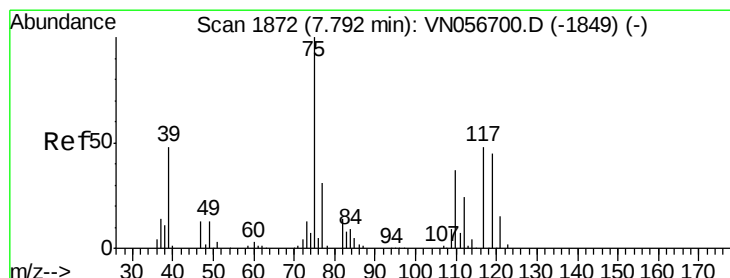
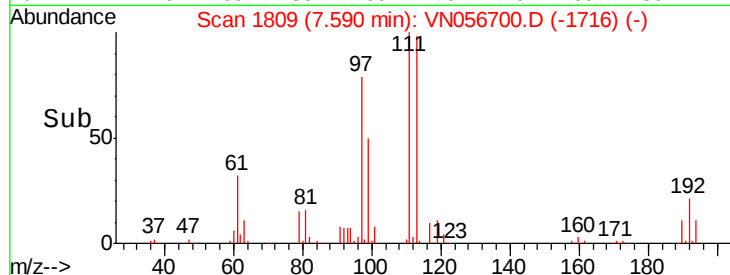
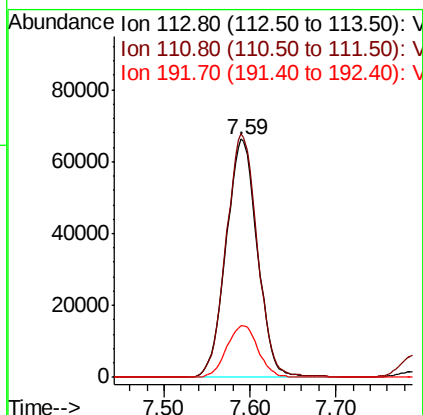
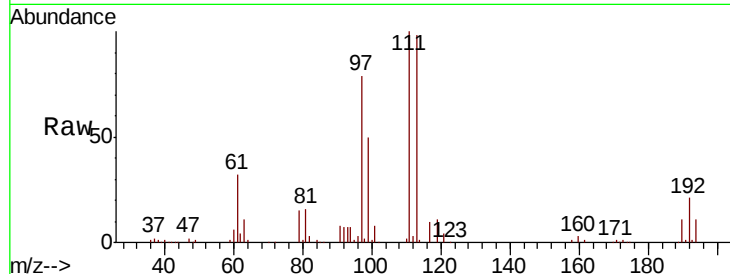




#35
 Dibromofluoromethane
 Concen: 50.021 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056700.D
 Acq: 15 Jul 2019 9:56

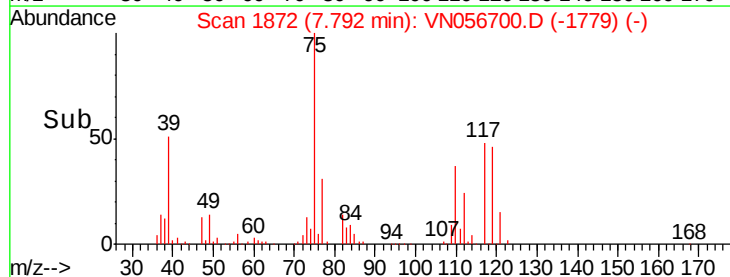
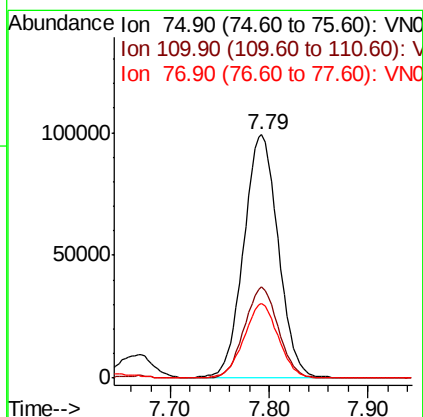
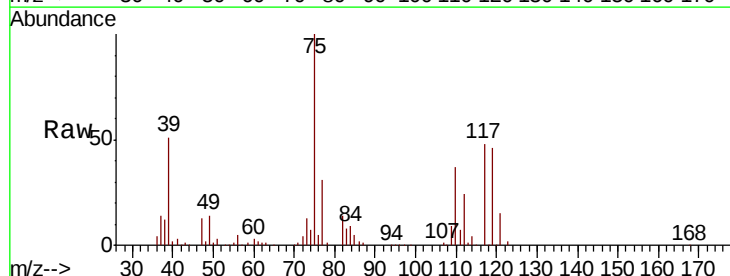
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

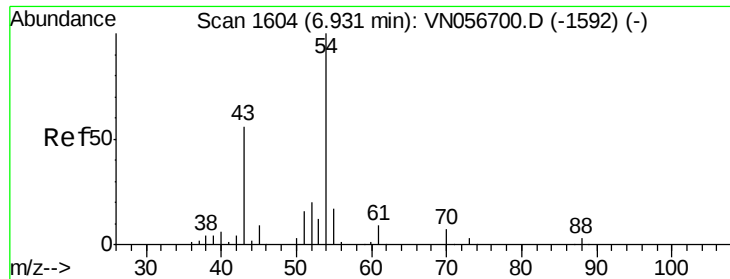
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	21.9	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 50.126 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN056700.D
 Acq: 15 Jul 2019 9:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.4	55.4
77	30.7	24.6	36.8

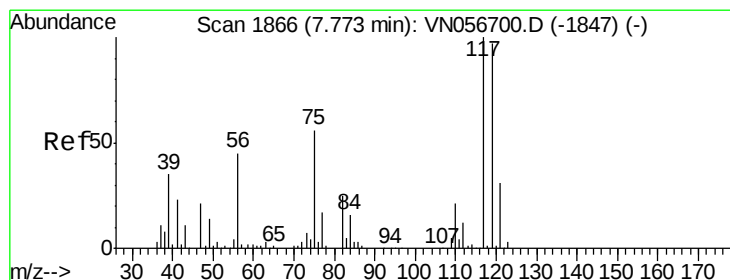
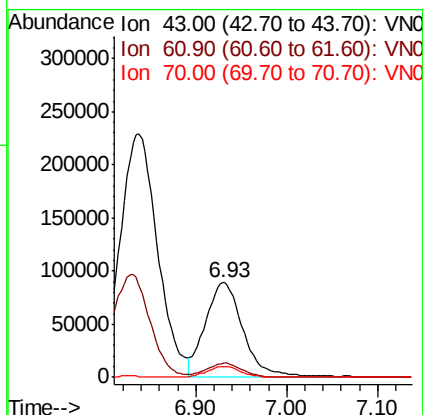
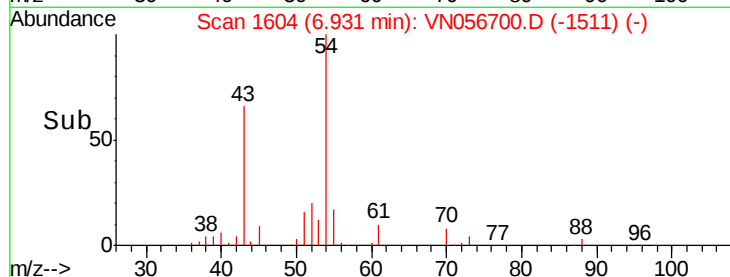
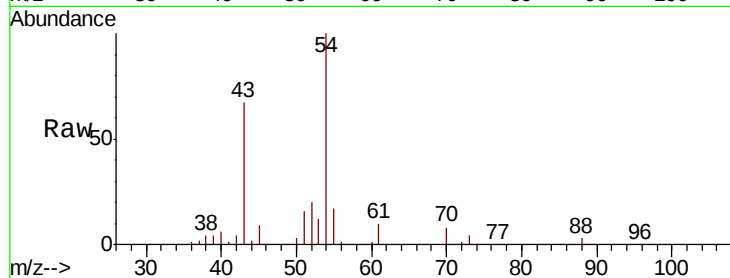




#37
Ethyl Acetate
Concen: 53.972 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

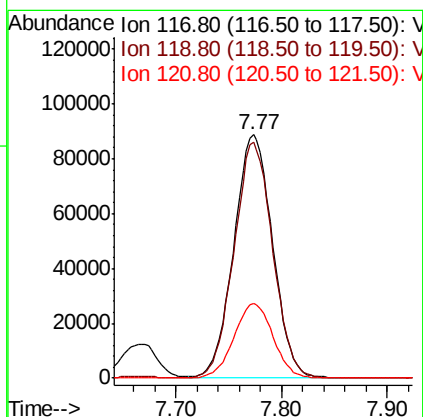
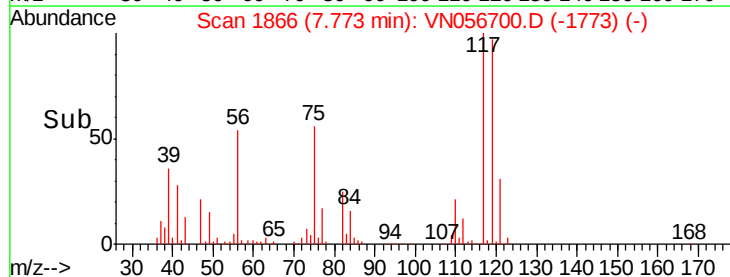
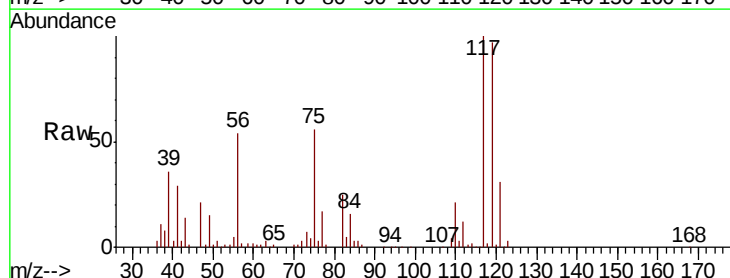
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

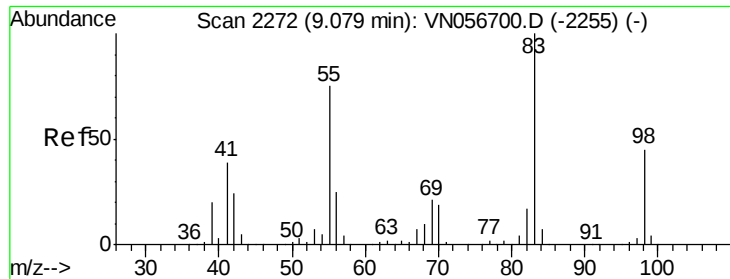
Tot Ion: 43 Resp: 252992
Ion Ratio Lower Upper
43 100
61 14.1 11.3 16.9
70 10.6 8.5 12.7



#38
Carbon Tetrachloride
Concen: 53.770 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

Tgt Ion: 117 Resp: 226934
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3
121 30.9 24.7 37.1

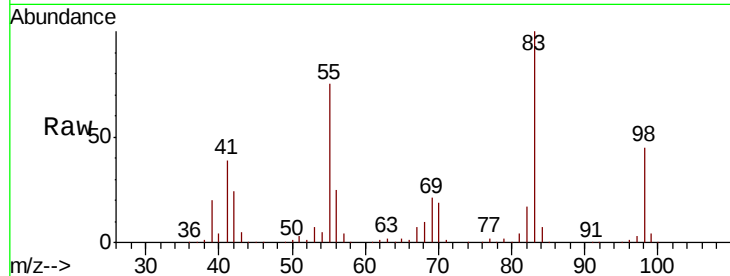




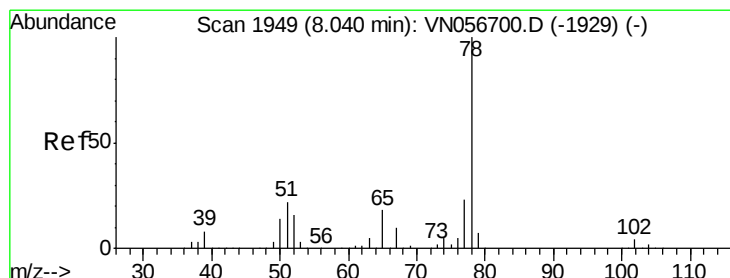
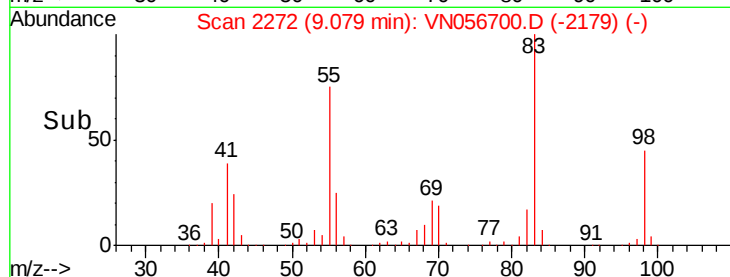
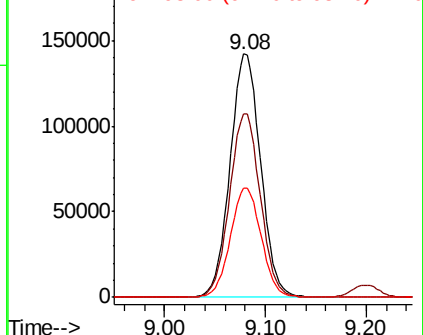
#39
Methvlcvclohexane
Concen: 50.924 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	300395
Ion Ratio	Lower	Upper	
83	100		
55	75.5	60.4	90.6
98	44.8	35.8	53.8

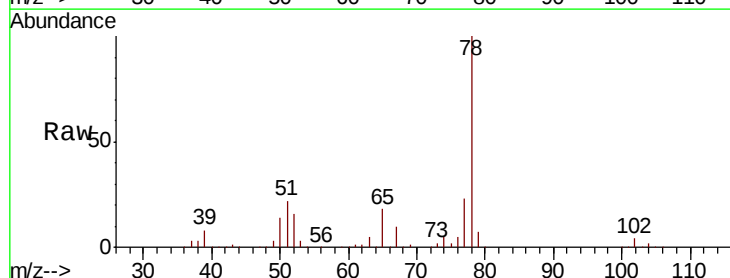


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

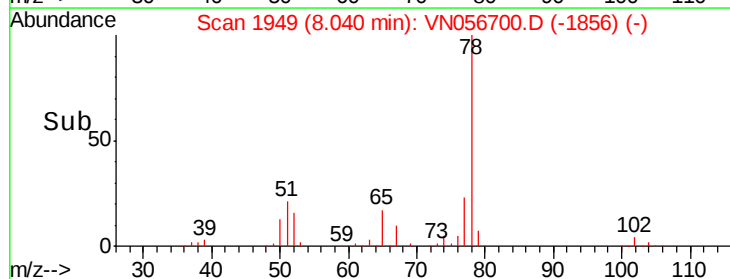
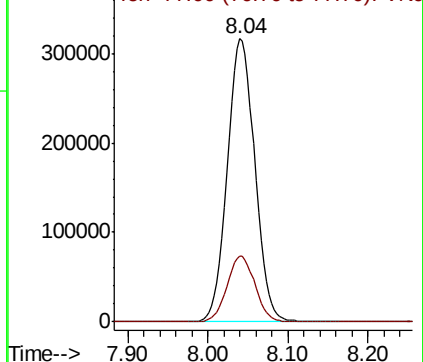


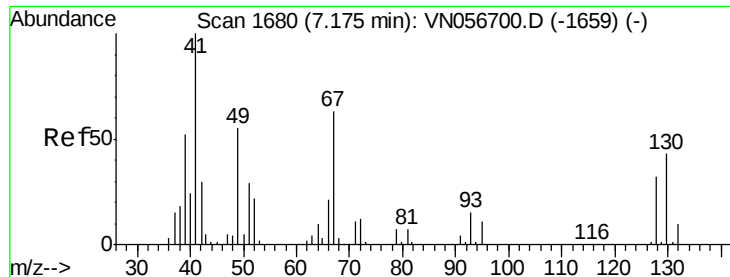
#40
Benzene
Concen: 50.452 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

Tgt Ion	78	Resp	739966
Ion Ratio	Lower	Upper	
78	100		
77	23.2	18.6	27.8



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

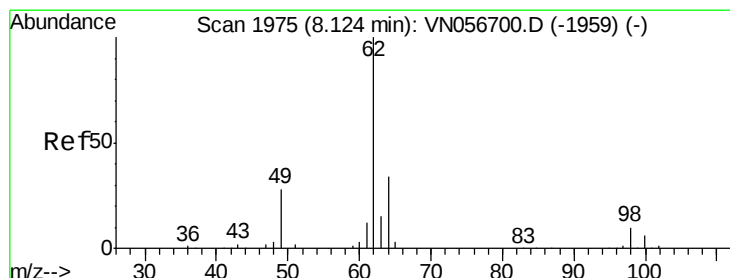
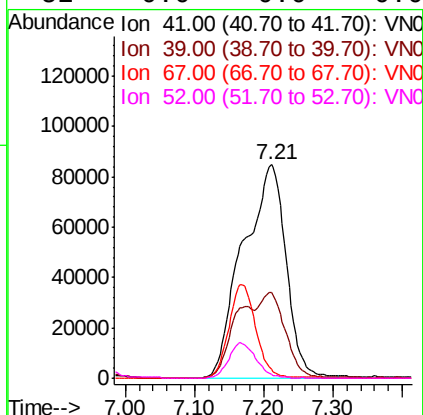
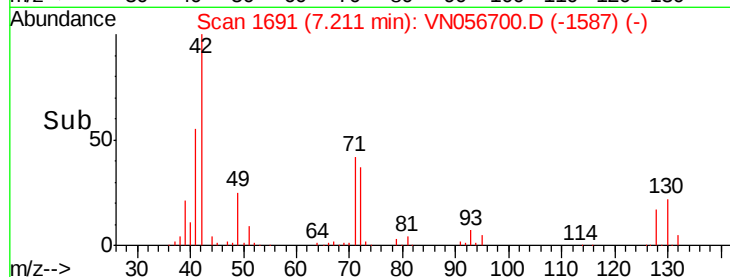
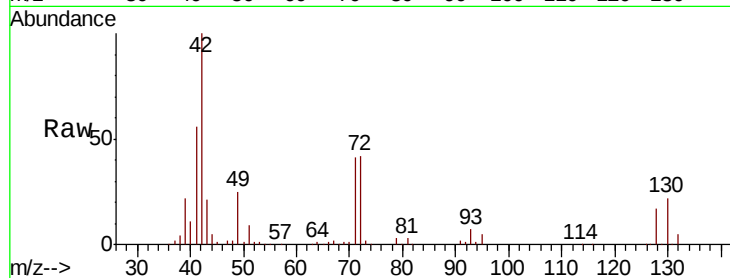




#41
Methacrylonitrile
Concen: 178.524 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.04 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

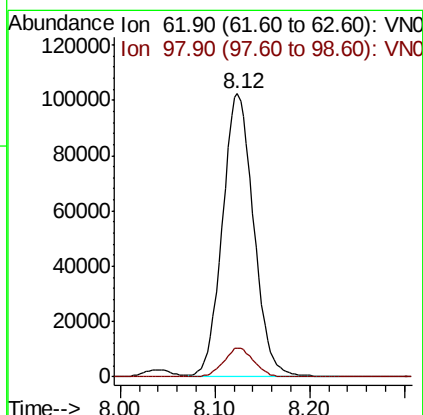
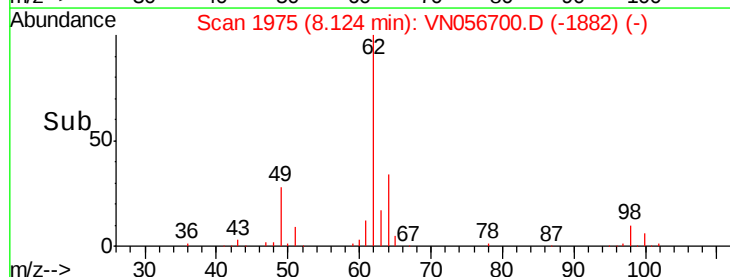
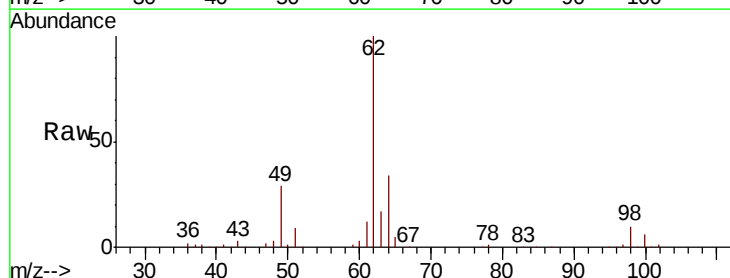
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

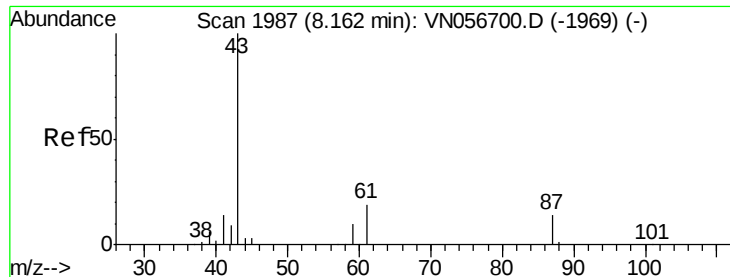
Tot Ion:	41	Resp:	365963
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 48.552 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

Tgt Ion:	62	Resp:	233939
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 53.785 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

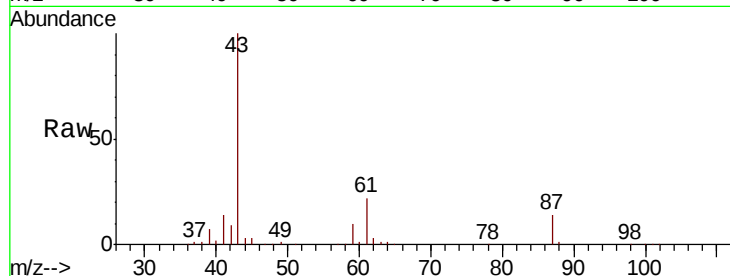
Tot Ion: 43 Resp: 390354

Ion Ratio Lower Upper

43 100

61 27.9 22.3 33.5

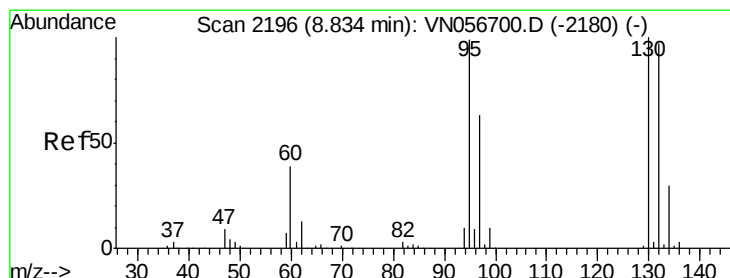
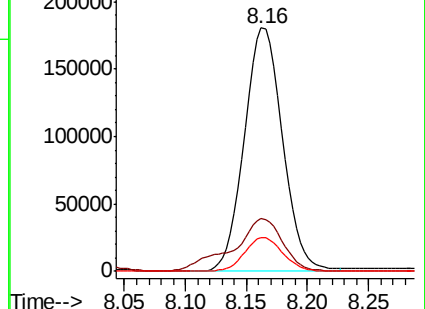
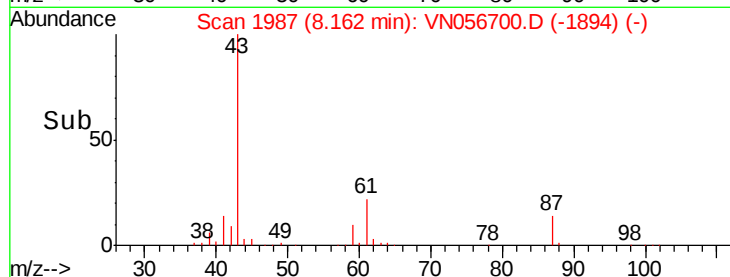
87 13.9 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VN056700.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN056700.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN056700.D (-1969) (-)



#44

Trichloroethene

Concen: 49.976 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056700.D

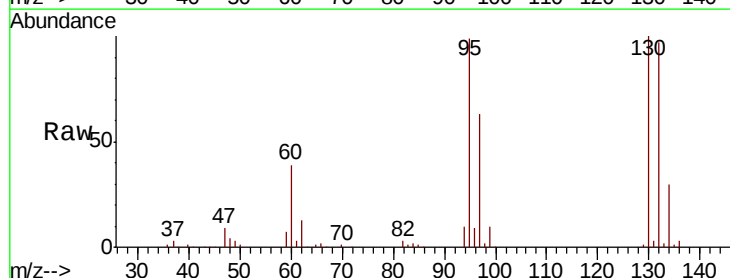
Acq: 15 Jul 2019 9:56

Tgt Ion:130 Resp: 196663

Ion Ratio Lower Upper

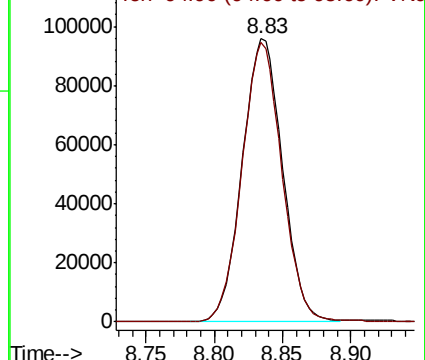
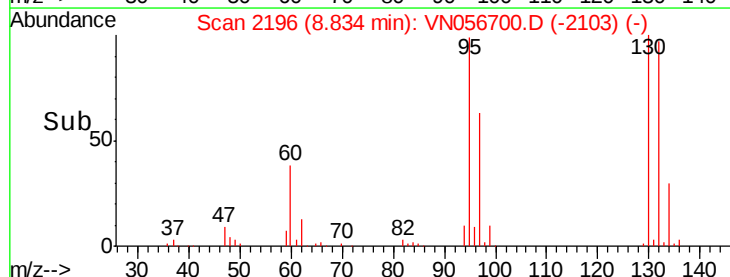
130 100

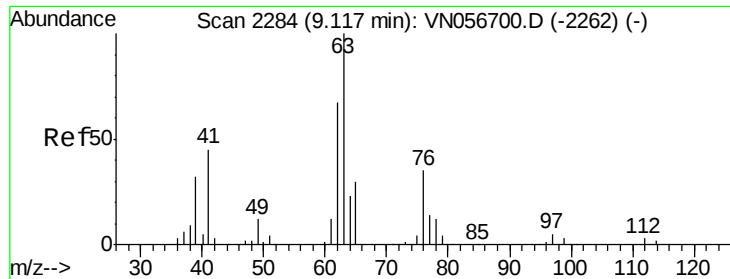
95 98.6 0.0 197.2



Abundance Ion 129.80 (129.50 to 130.50): VN056700.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN056700.D (-2180) (-)

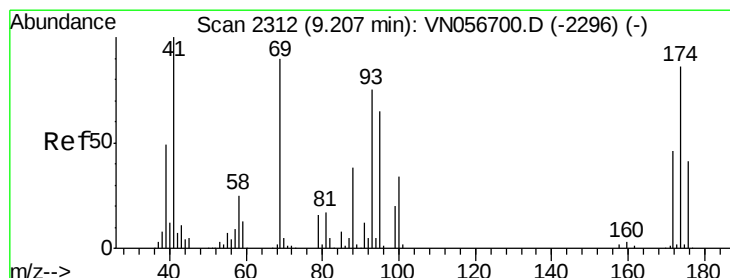
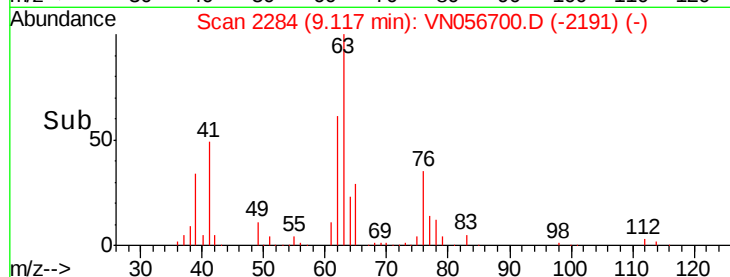
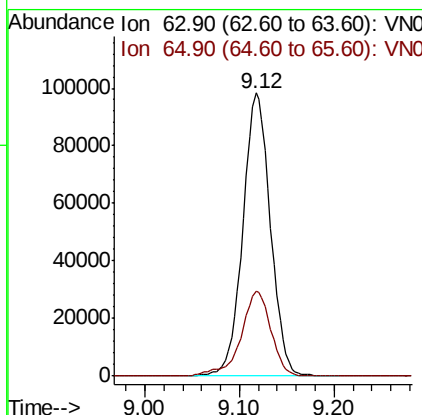
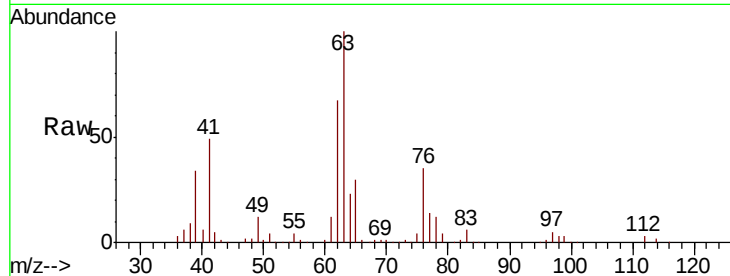




#45
 1,2-Dichloropropane
 Concen: 50.766 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056700.D
 Acq: 15 Jul 2019 9:56

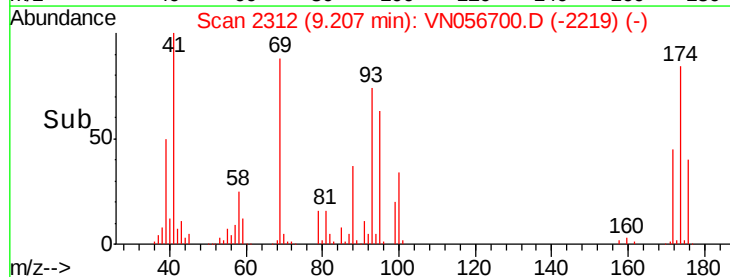
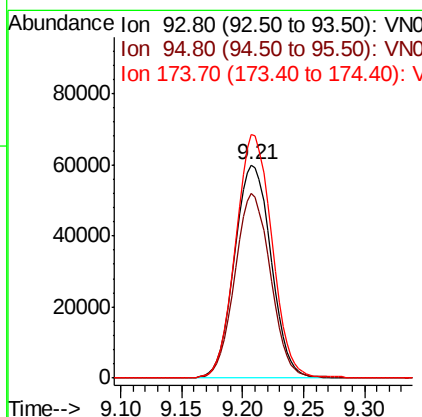
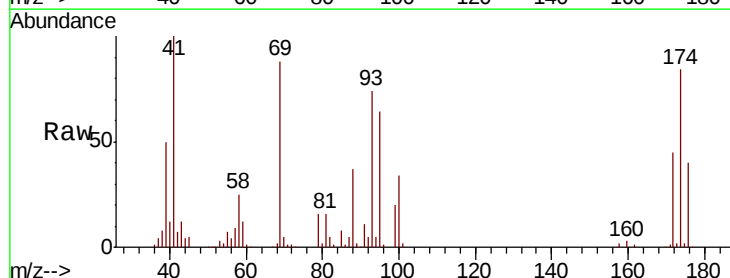
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

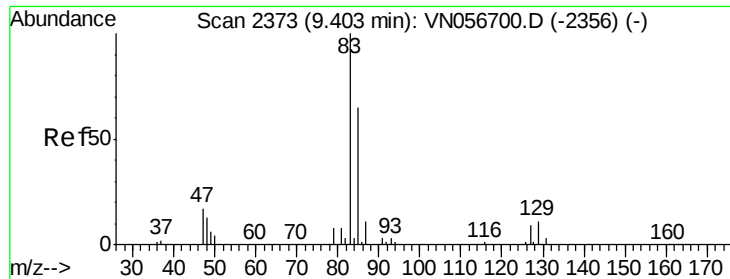
Tot Ion: 63 Resp: 198984
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.0 36.0



#46
 Dibromomethane
 Concen: 51.156 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056700.D
 Acq: 15 Jul 2019 9:56

Tgt Ion: 93 Resp: 125314
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.4 101.0
 174 112.9 90.3 135.5





#47

Bromodichloromethane

Concen: 54.342 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

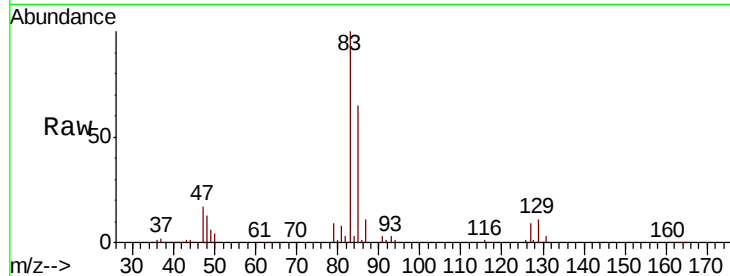
Tot Ion: 83 Resp: 238186

Ion Ratio Lower Upper

83 100

85 65.4 52.3 78.5

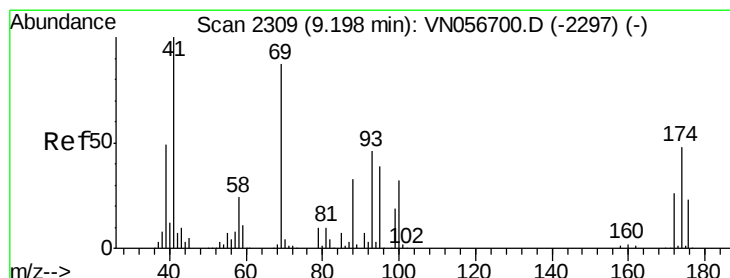
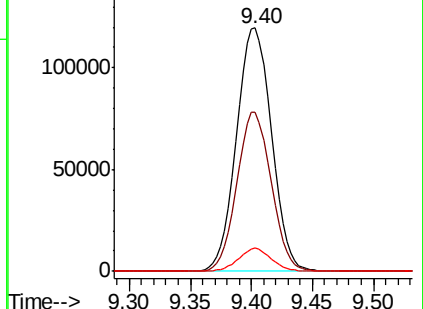
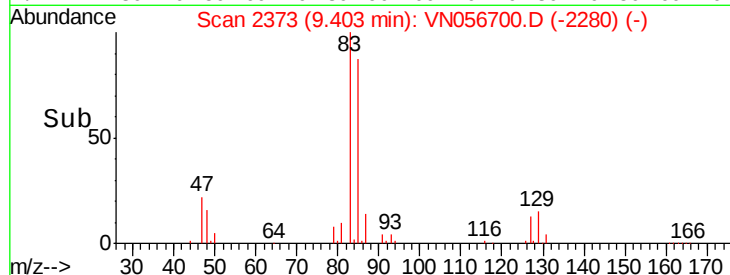
127 9.5 7.6 11.4



Abundance Ion 82.90 (82.60 to 83.60): VN056700.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN056700.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN056700.D (-2356) (-)



#48

Methyl methacrylate

Concen: 52.568 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

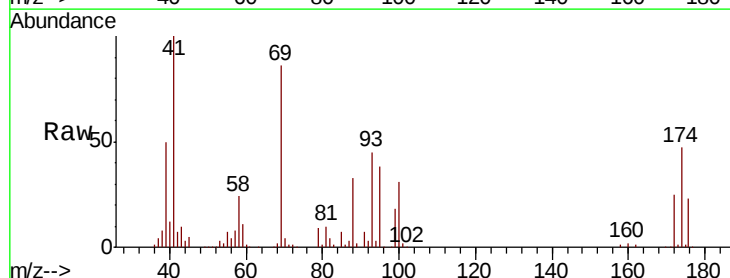
Tgt Ion: 41 Resp: 191526

Ion Ratio Lower Upper

41 100

69 89.2 71.4 107.0

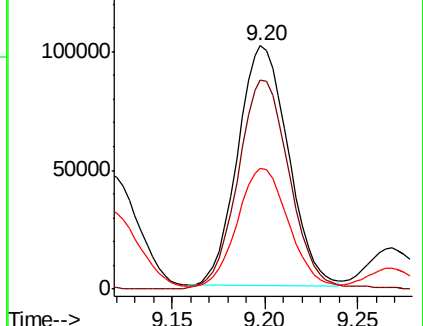
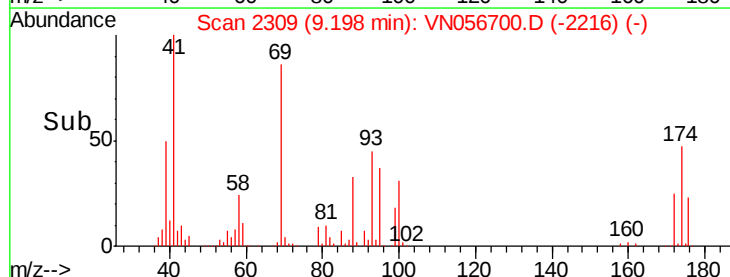
39 51.5 41.2 61.8

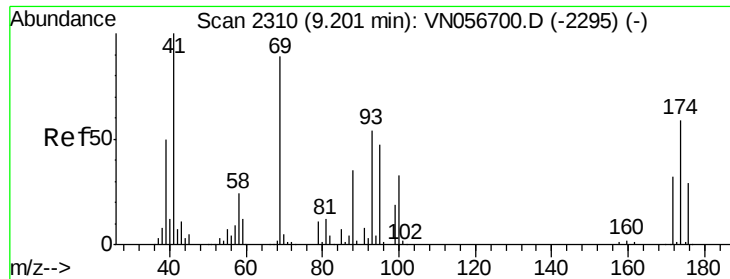


Abundance Ion 41.00 (40.70 to 41.70): VN056700.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN056700.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN056700.D (-2297) (-)

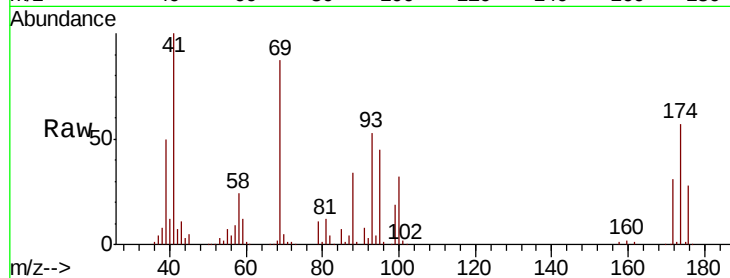




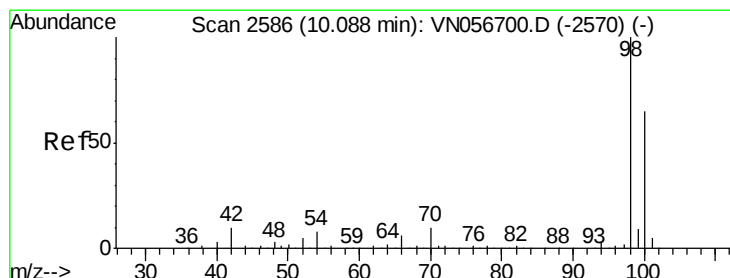
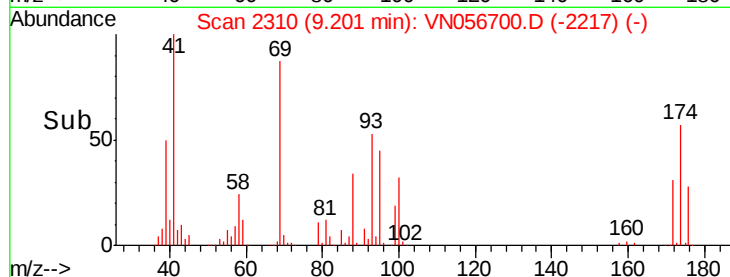
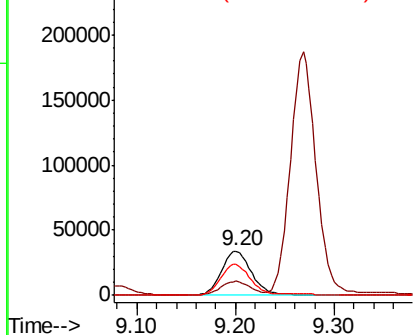
#49
 1,4-Dioxane
 Concen: 980.590 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN056700.D
 Acq: 15 Jul 2019 9:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 88 Resp: 73565
 Ion Ratio Lower Upper
 88 100
 43 29.6 23.7 35.5
 58 69.5 55.6 83.4

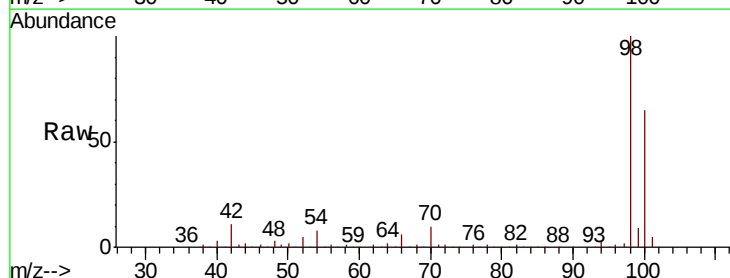


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

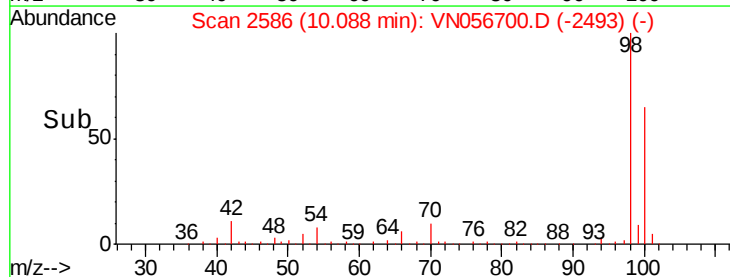
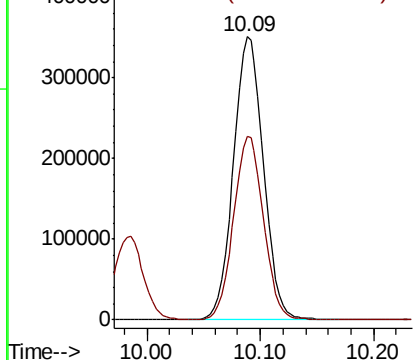


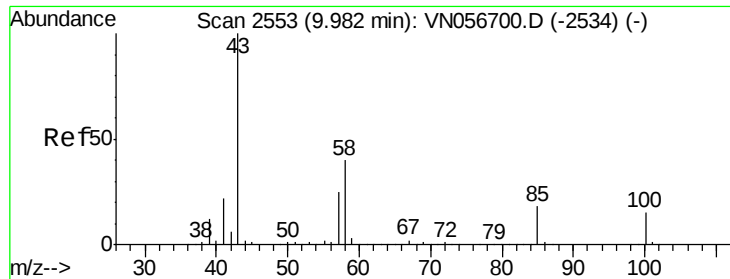
#50
 Toluene-d8
 Concen: 49.798 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN056700.D
 Acq: 15 Jul 2019 9:56

Tgt Ion: 98 Resp: 647588
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 267.824 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

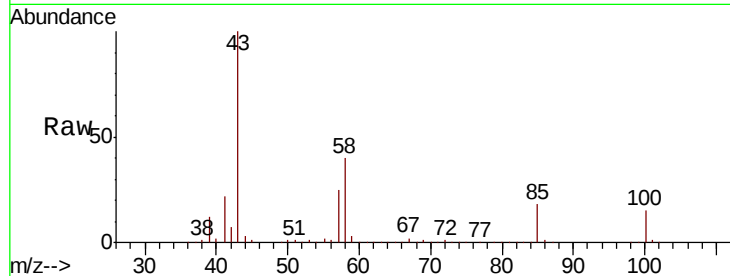
VSTDICCC050

Tot Ion: 43 Resp: 1255151

Ion Ratio Lower Upper

43 100

58 40.0 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VN056700.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN056700.D (-2534) (-)

9.98

800000

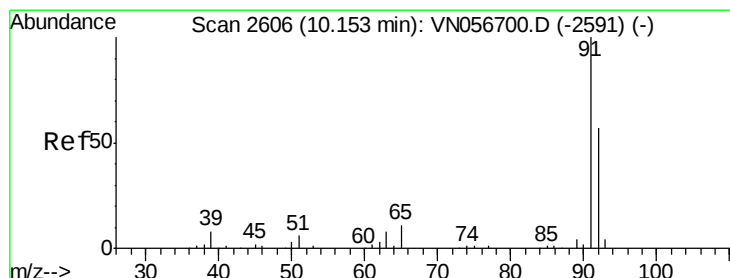
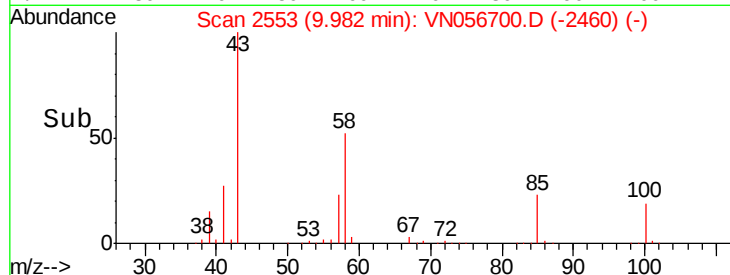
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.529 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN056700.D

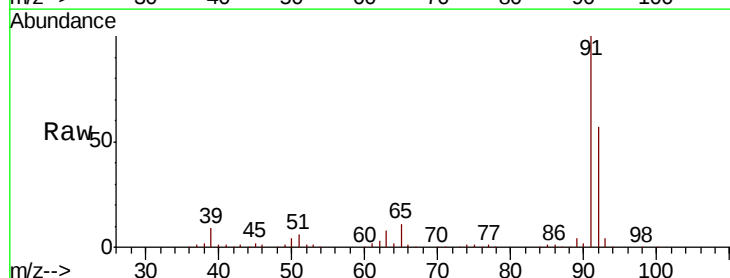
Acq: 15 Jul 2019 9:56

Tgt Ion: 92 Resp: 452647

Ion Ratio Lower Upper

92 100

91 174.9 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN056700.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN056700.D (-2591) (-)

10.15

500000

400000

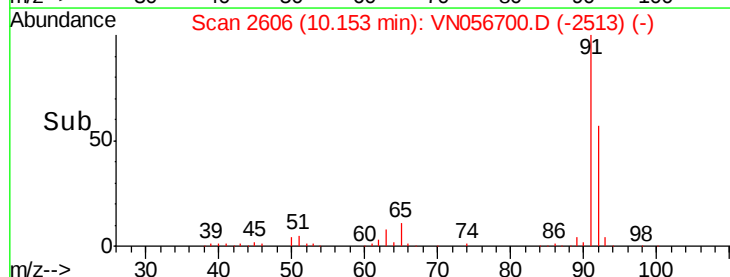
300000

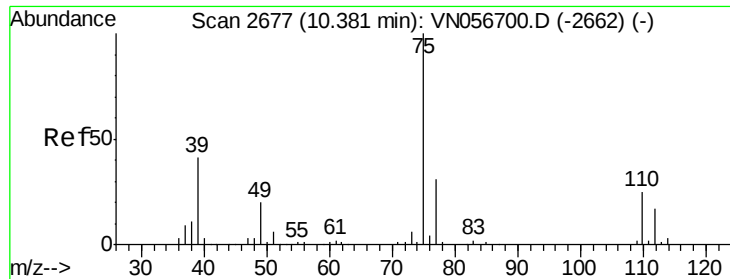
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 58.240 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

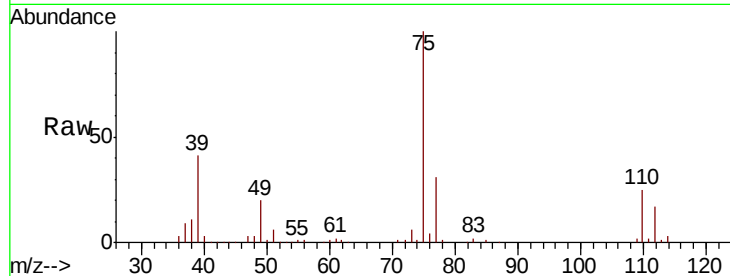
VSTDICCC050

Tot Ion: 75 Resp: 258320

Ion Ratio Lower Upper

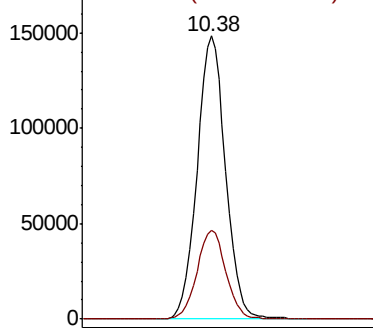
75 100

77 31.3 25.0 37.6

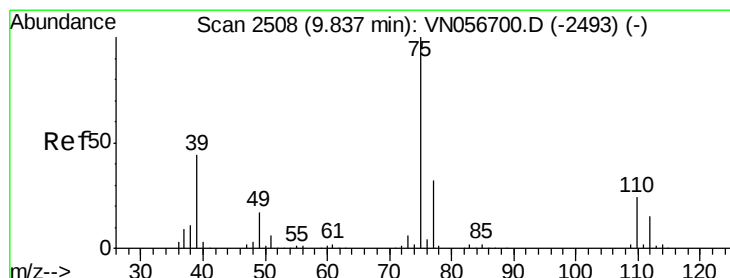
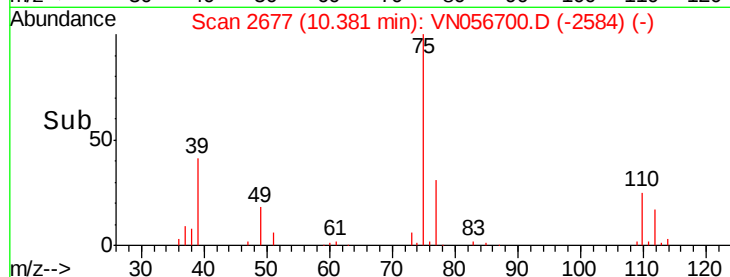


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 55.967 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

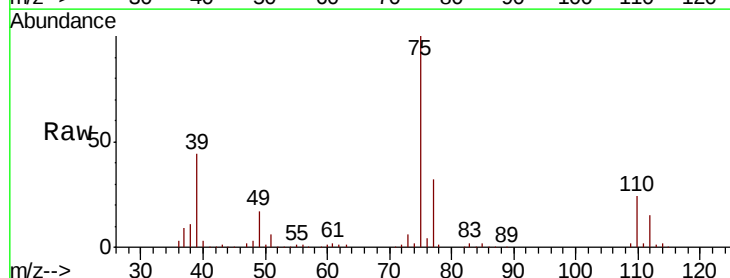
Tgt Ion: 75 Resp: 294632

Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0

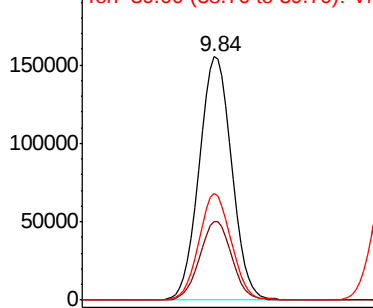
39 43.9 35.1 52.7



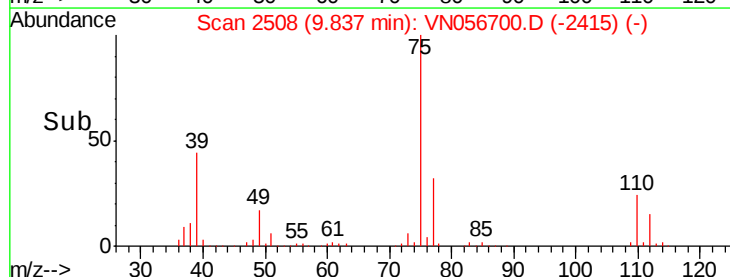
Abundance Ion 74.90 (74.60 to 75.60): VN0

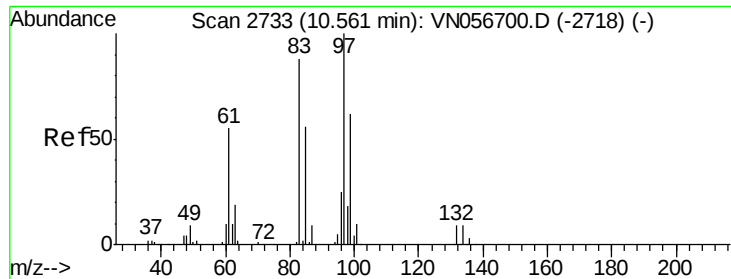
Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->



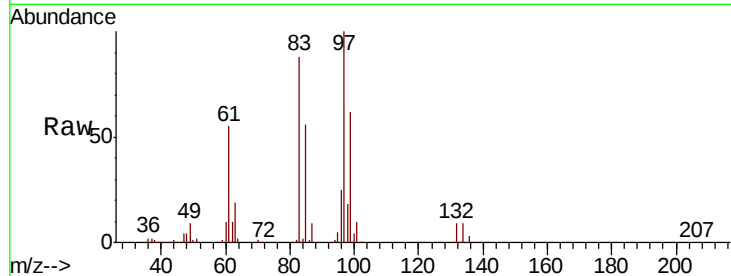


#55
 1,1,2-Trichloroethane
 Concen: 50.888 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056700.D
 Acq: 15 Jul 2019 9:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 97 Resp: 182979

Ion	Ratio	Lower	Upper
97	100		
83	87.9	70.3	105.5
85	56.0	44.8	67.2
99	62.0	49.6	74.4



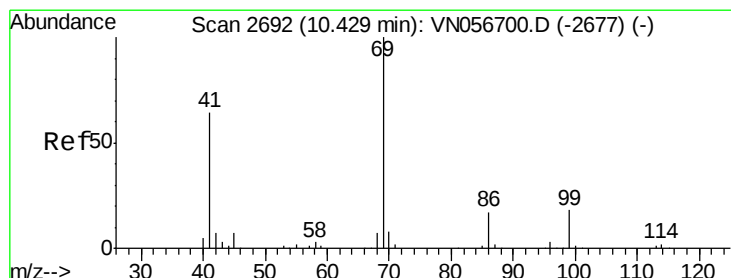
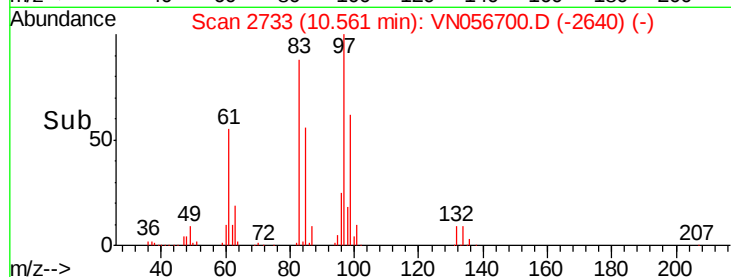
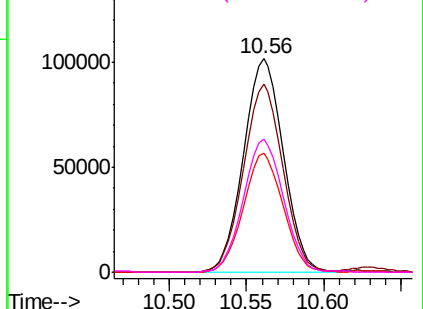
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

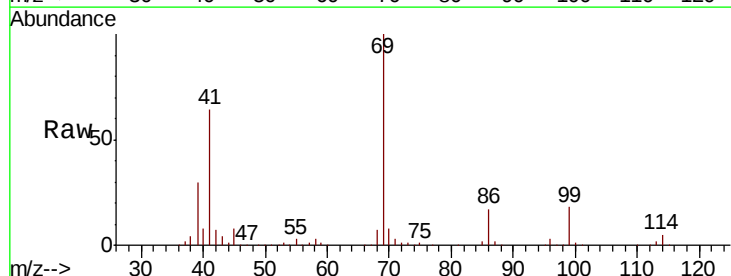
Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 54.535 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056700.D
 Acq: 15 Jul 2019 9:56

Tgt Ion: 69 Resp: 288674

Ion	Ratio	Lower	Upper
69	100		
41	63.7	51.0	76.4
39	30.7	24.6	36.8

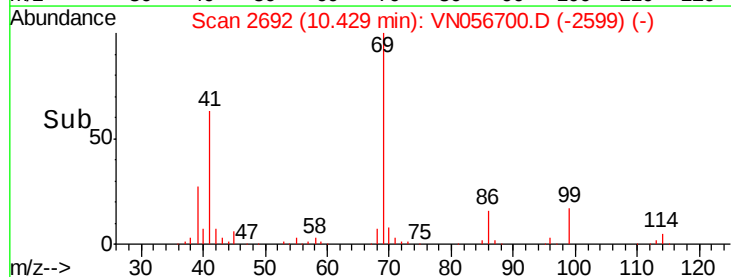
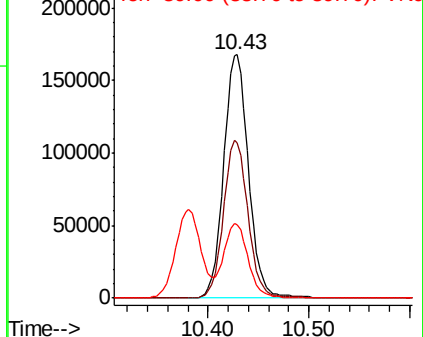


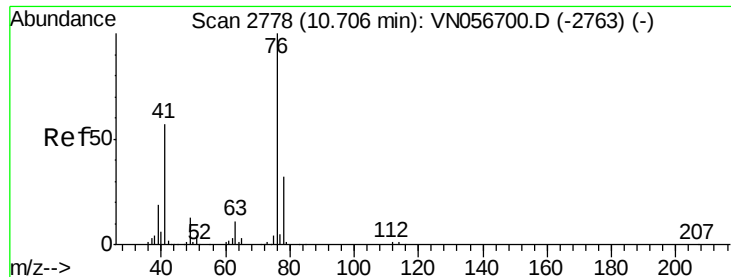
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

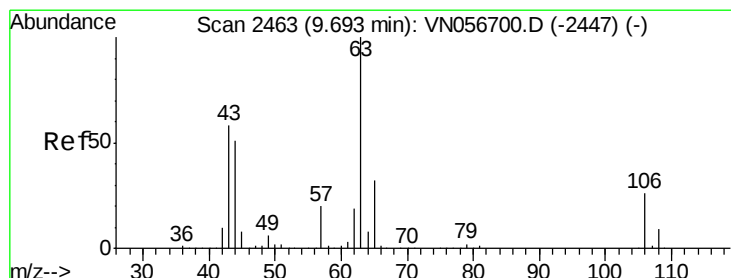
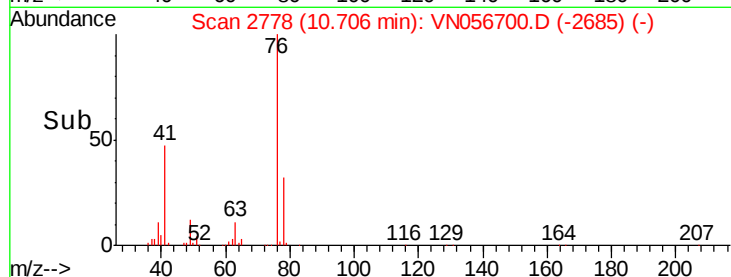
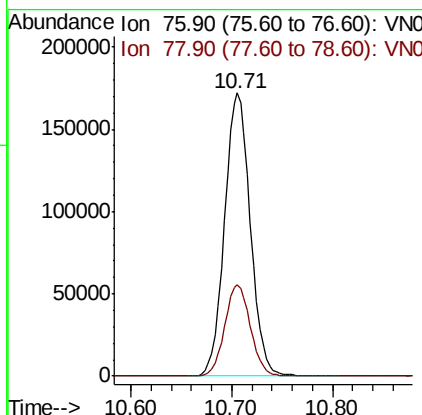
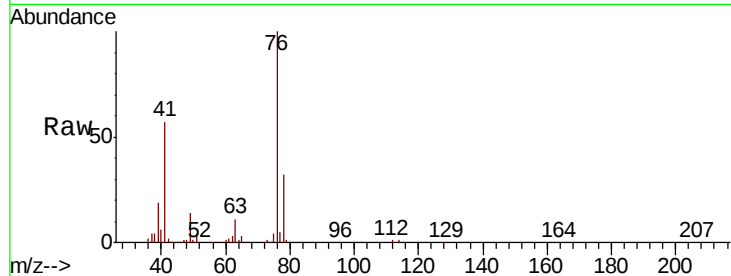




#57
 1,3-Dichloropropane
 Concen: 50.670 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056700.D
 Acq: 15 Jul 2019 9:56

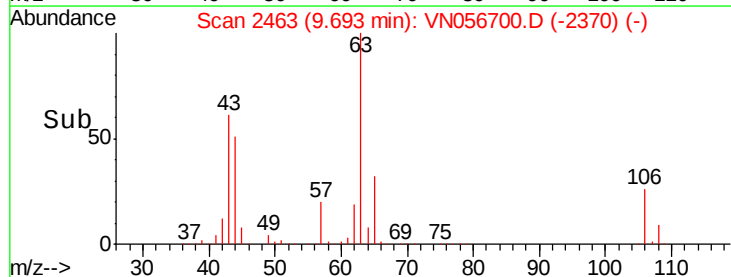
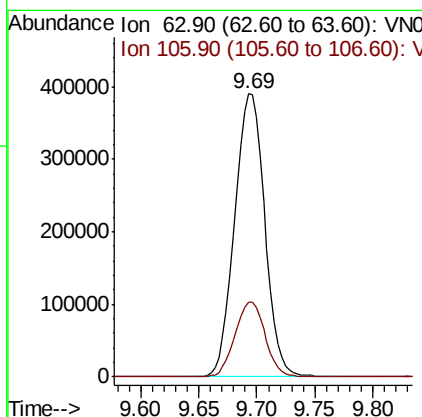
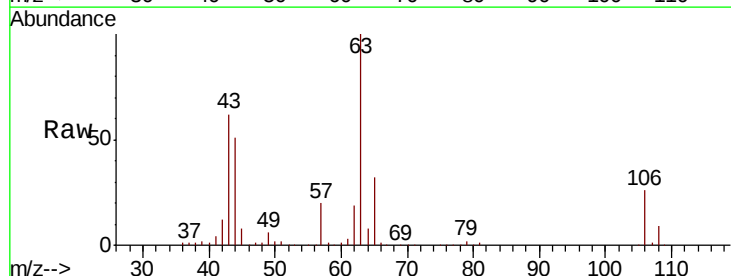
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

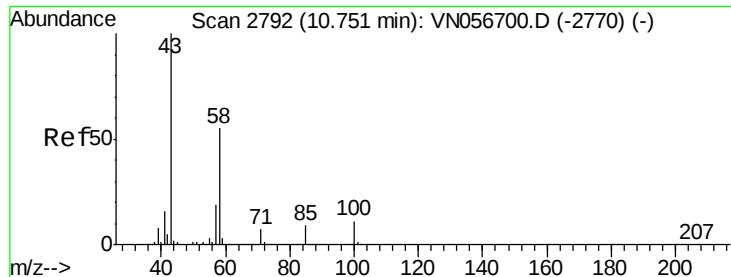
Tot Ion: 76 Resp: 305784
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 346.122 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN056700.D
 Acq: 15 Jul 2019 9:56

Tgt Ion: 63 Resp: 701685
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.2 31.8

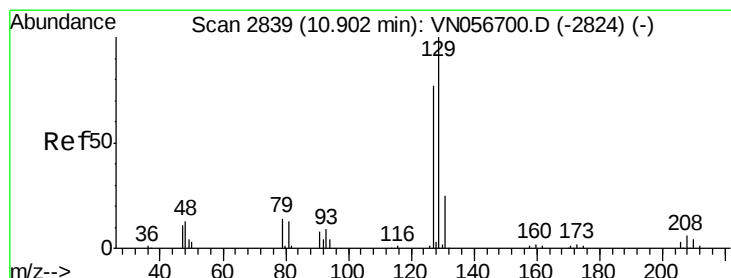
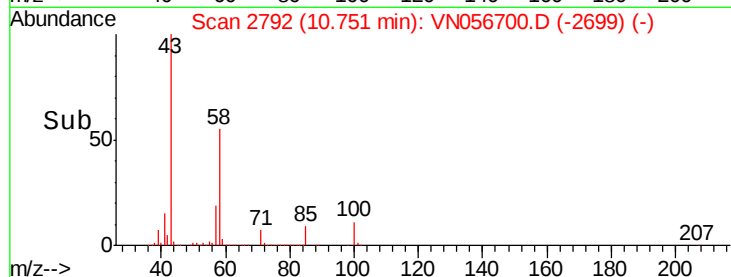
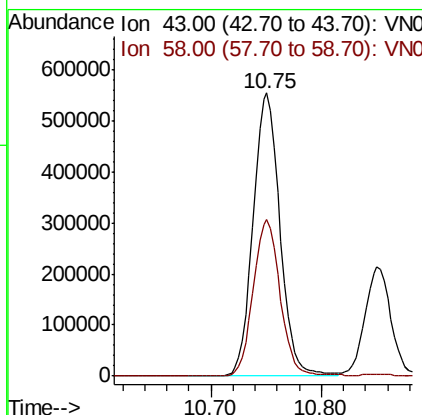
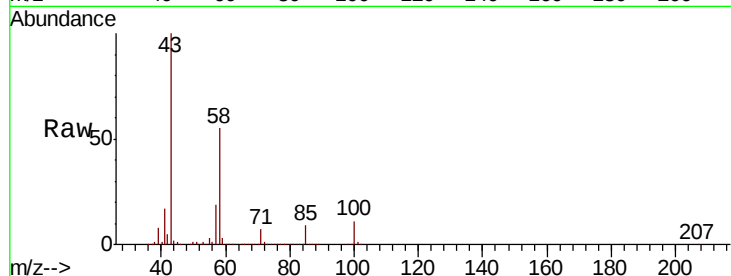




#59
2-Hexanone
Concen: 270.546 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

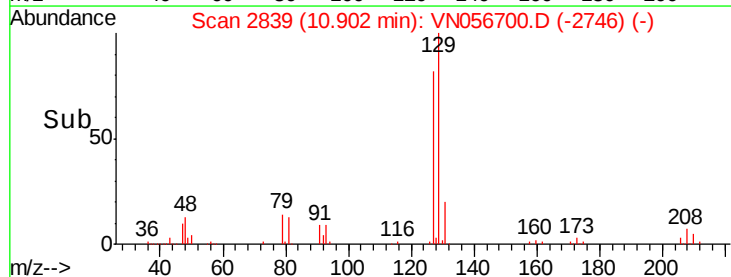
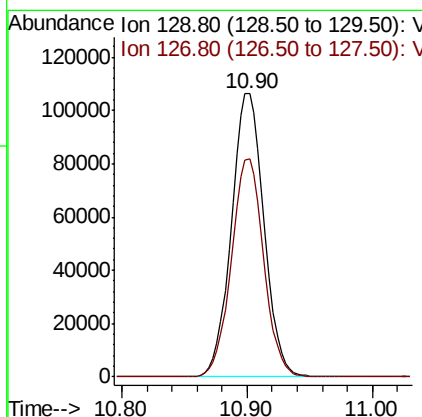
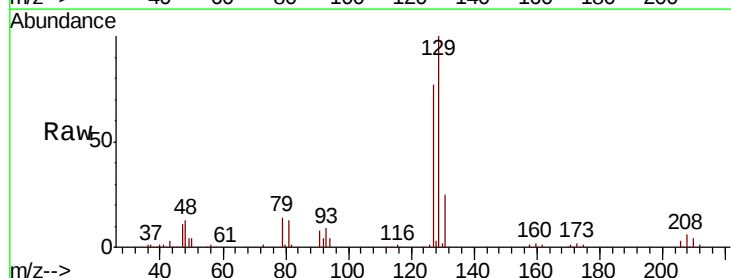
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

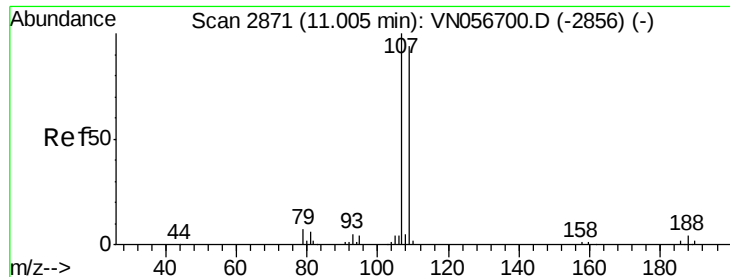
Tot Ion: 43 Resp: 934987
Ion Ratio Lower Upper
43 100
58 55.7 27.9 83.6



#60
Dibromochloromethane
Concen: 57.841 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

Tgt Ion: 129 Resp: 191462
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6





#61

1,2-Dibromoethane

Concen: 51.935 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

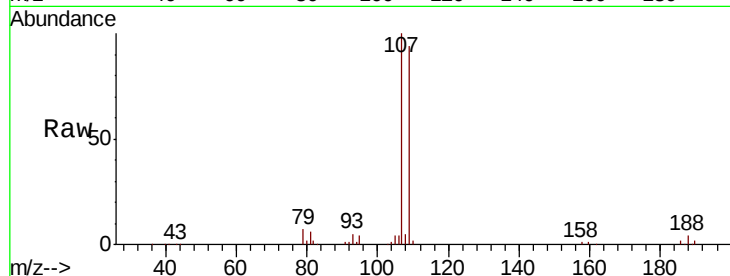
VSTDICCC050

Tot Ion: 107 Resp: 190713

Ion Ratio Lower Upper

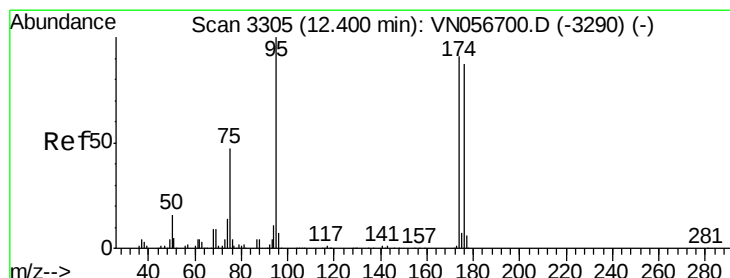
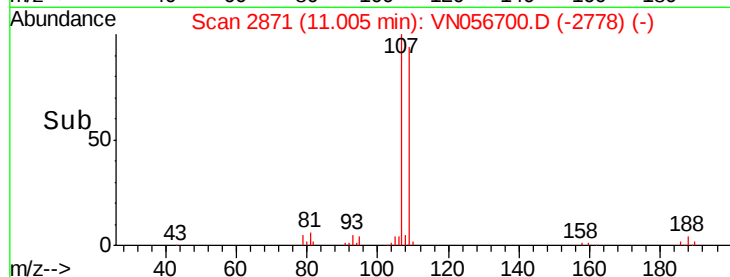
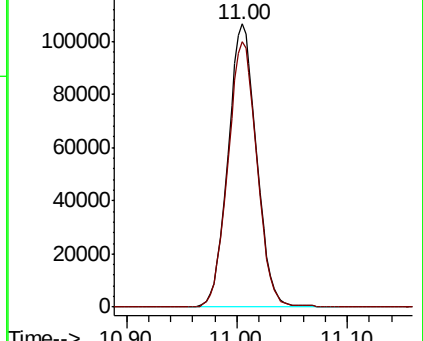
107 100

109 95.3 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.159 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

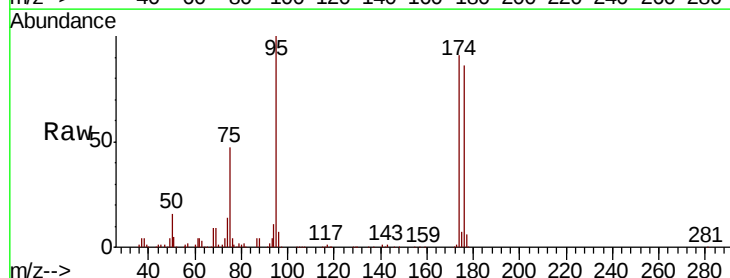
Tgt Ion: 95 Resp: 222197

Ion Ratio Lower Upper

95 100

174 90.0 0.0 180.0

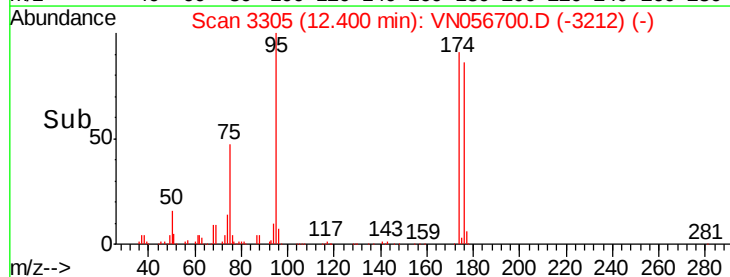
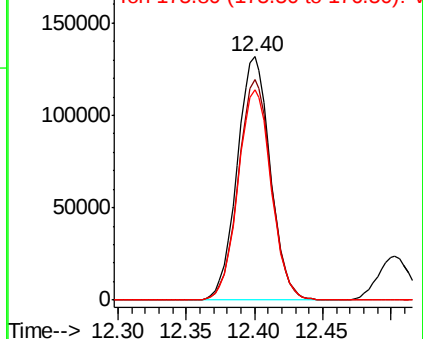
176 86.6 0.0 173.2

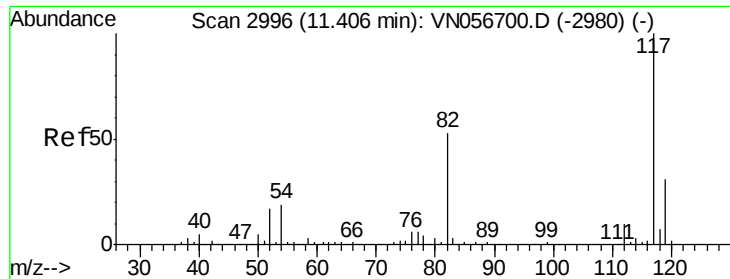


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

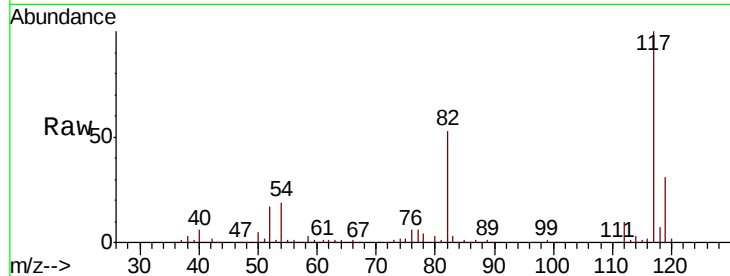




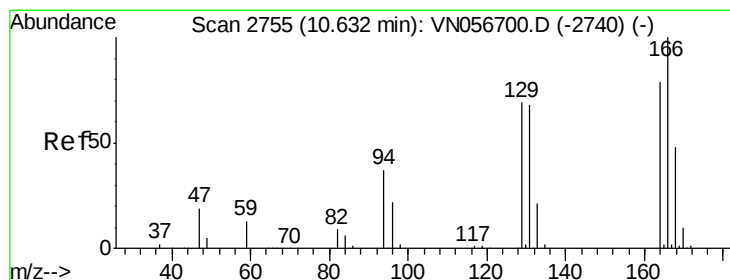
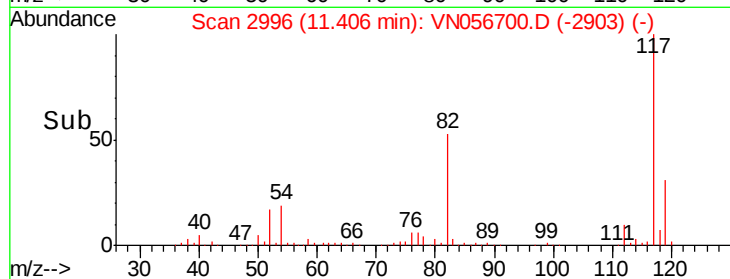
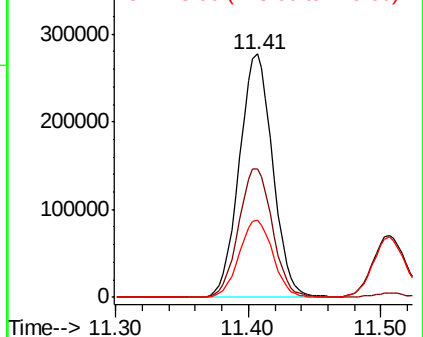
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:117 Resp: 485262
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.2
119 31.5 25.2 37.8

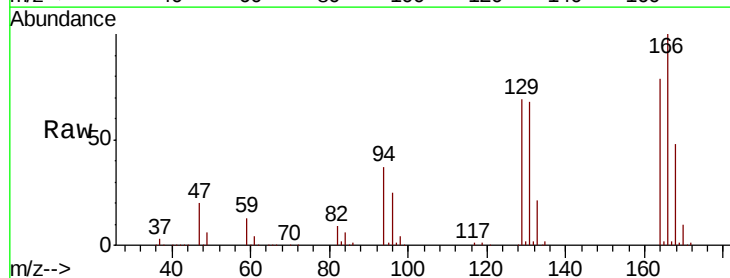


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

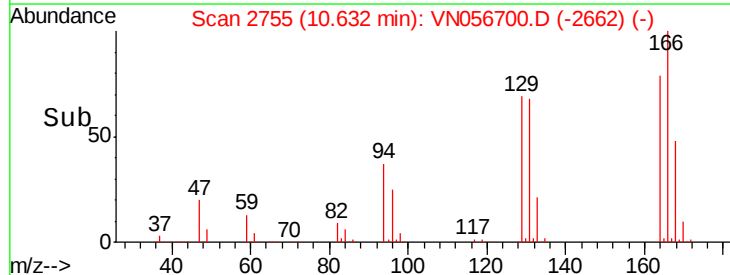
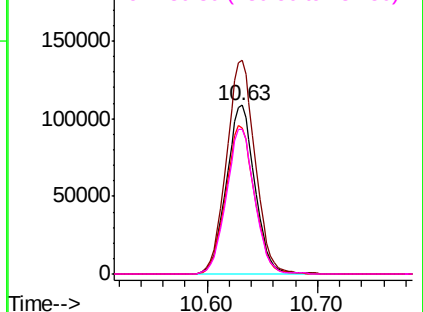


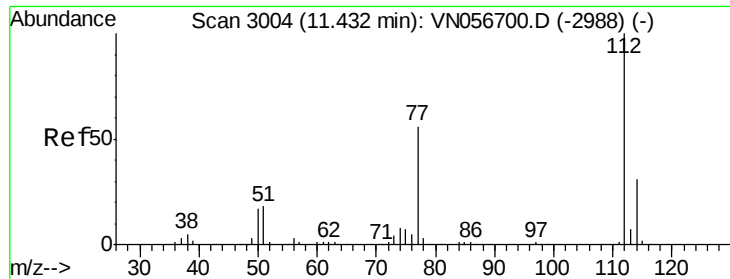
#64
Tetrachloroethene
Concen: 50.005 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

Tgt Ion:164 Resp: 193927
Ion Ratio Lower Upper
164 100
166 126.8 101.4 152.2
129 87.0 69.6 104.4
131 86.2 69.0 103.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

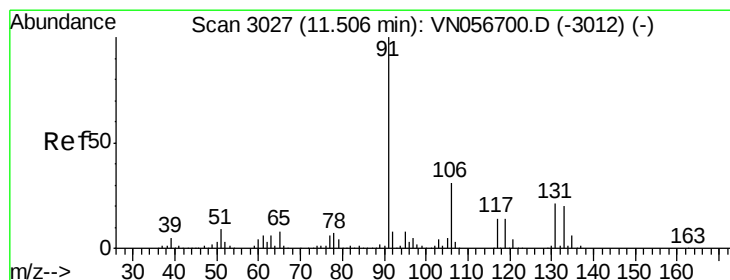
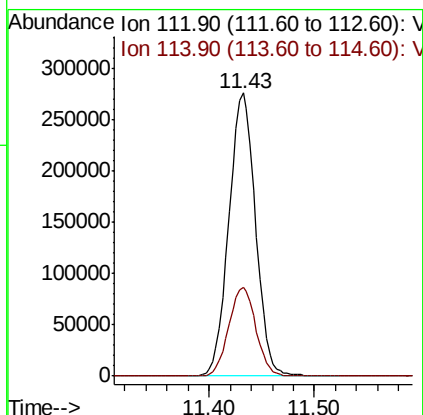
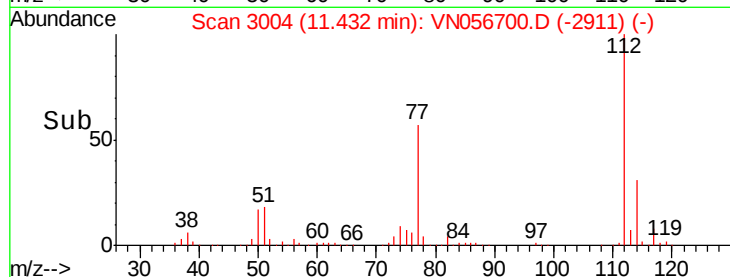
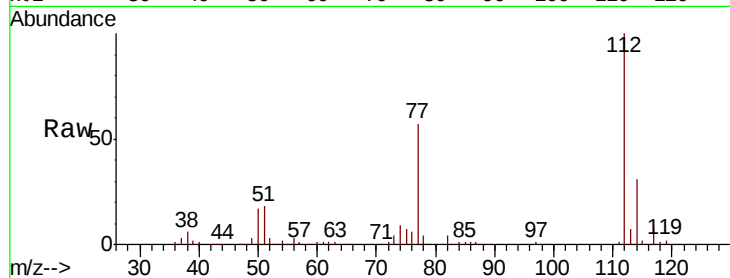




#65
Chlorobenzene
Concen: 49.378 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

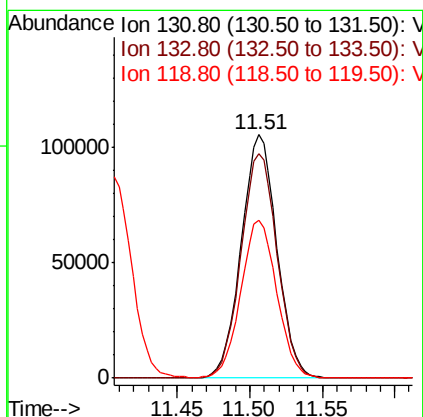
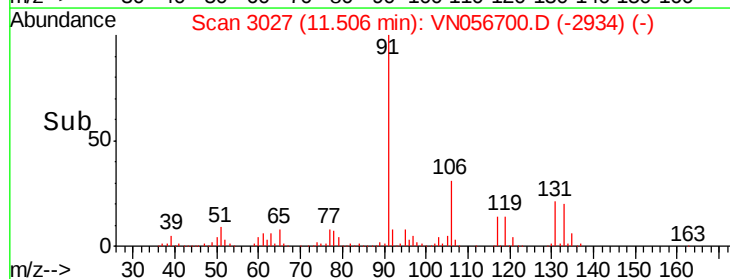
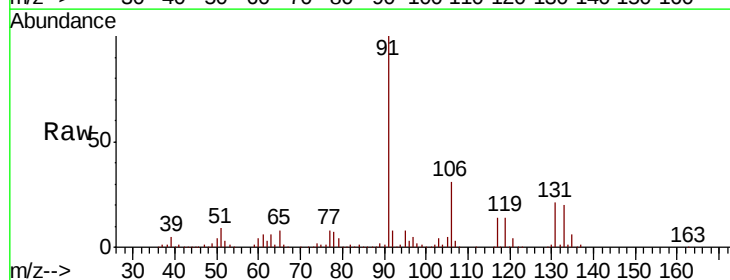
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

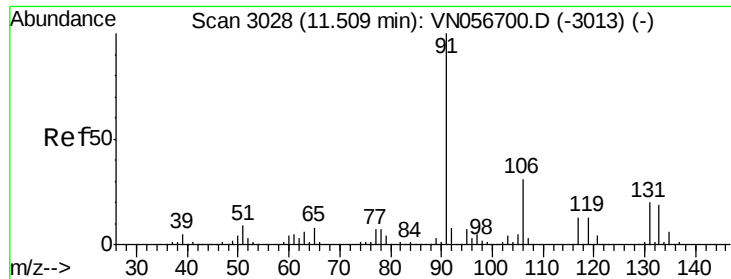
Tot Ion:112 Resp: 482007
Ion Ratio Lower Upper
112 100
114 31.5 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 54.041 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

Tgt Ion:131 Resp: 180139
Ion Ratio Lower Upper
131 100
133 93.8 46.9 140.7
119 65.5 32.8 98.3

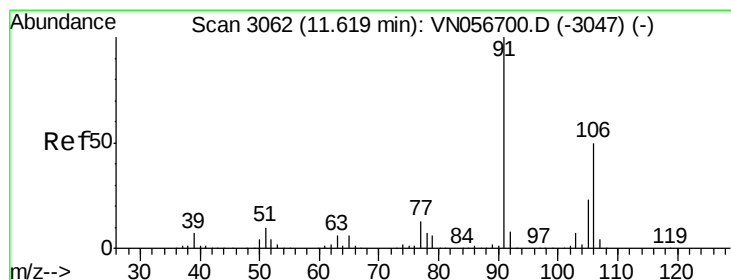
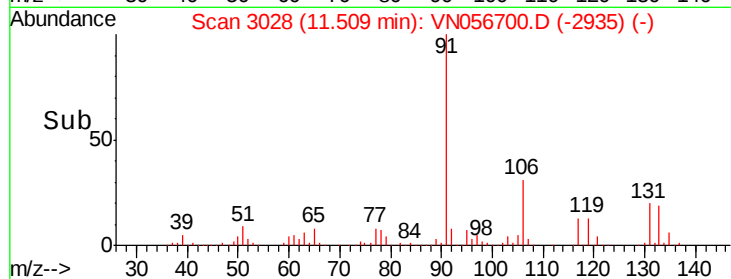
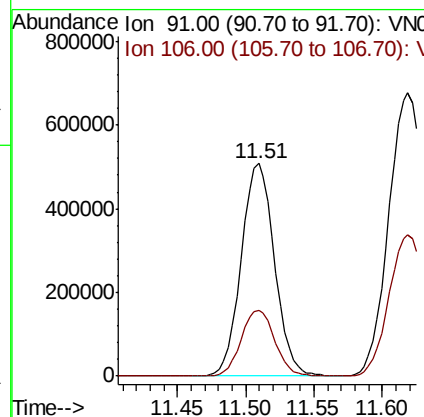
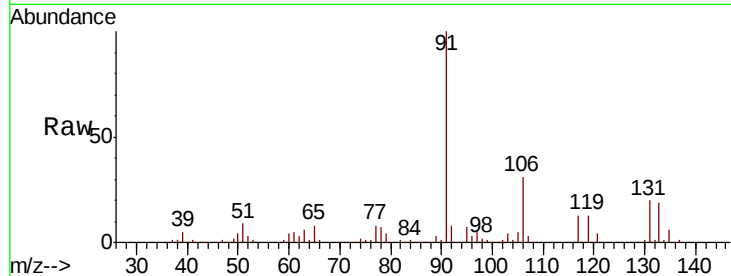




#67
Ethyl Benzene
Concen: 50.098 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

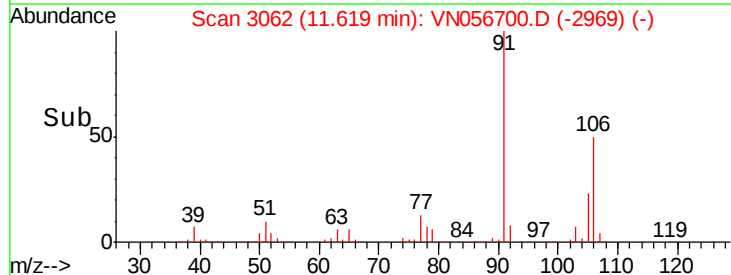
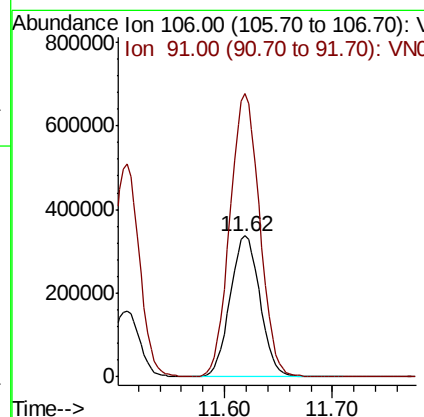
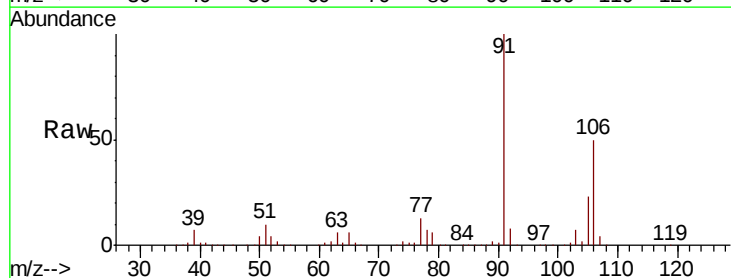
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

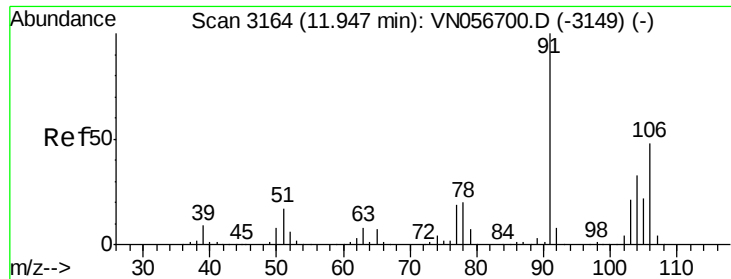
Tot Ion: 91 Resp: 860648
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2



#68
m/p-Xylenes
Concen: 103.313 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

Tgt Ion: 106 Resp: 650882
Ion Ratio Lower Upper
106 100
91 200.6 160.5 240.7

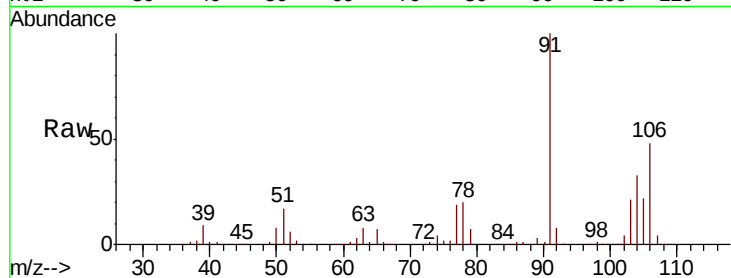




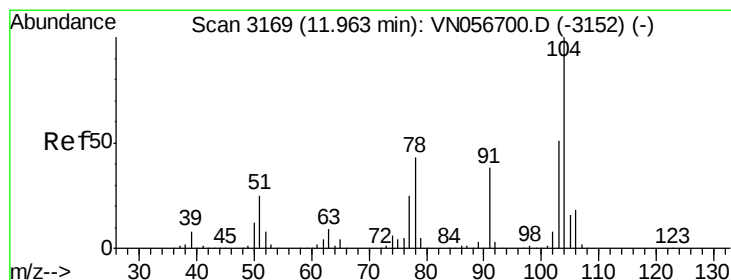
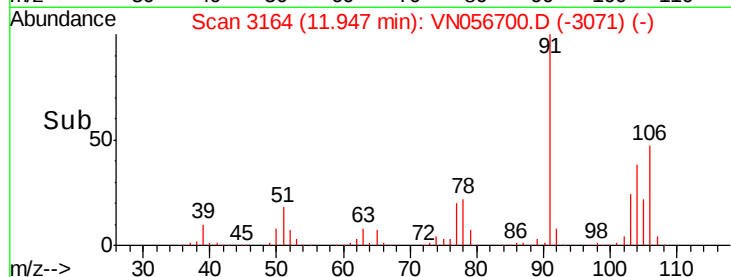
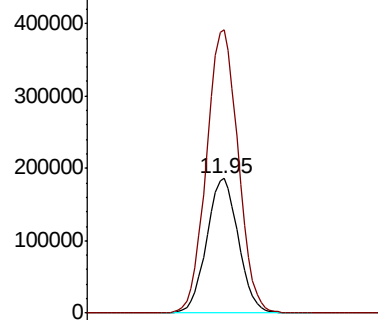
#69
o-Xylene
Concen: 50.837 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion:106 Resp: 316800
Ion Ratio Lower Upper
106 100
91 211.2 105.6 316.8

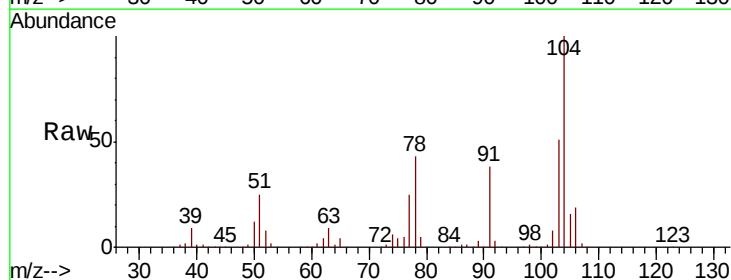


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

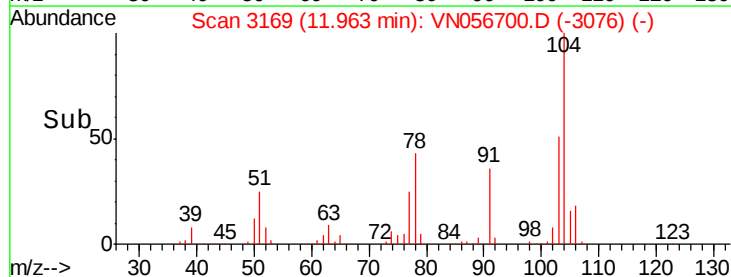
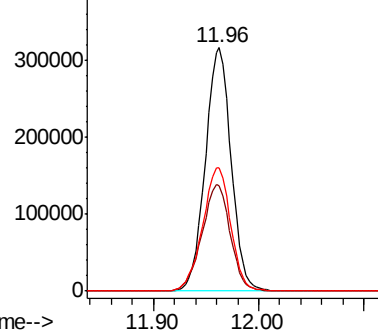


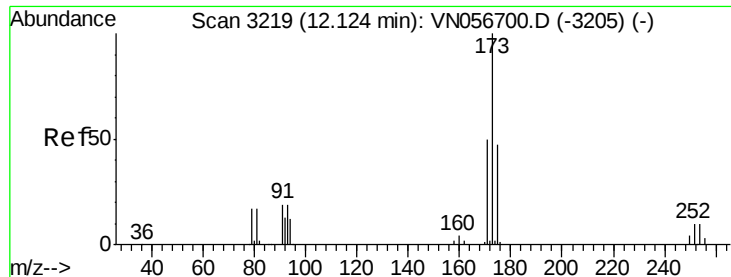
#70
Styrene
Concen: 53.679 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

Tgt Ion:104 Resp: 535153
Ion Ratio Lower Upper
104 100
78 48.2 38.6 57.8
103 55.3 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 61.495 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

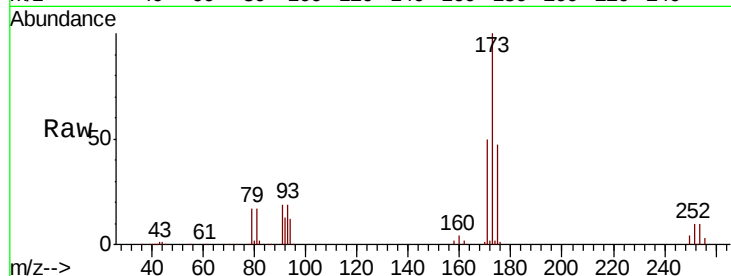
Tot Ion:173 Resp: 145355

Ion Ratio Lower Upper

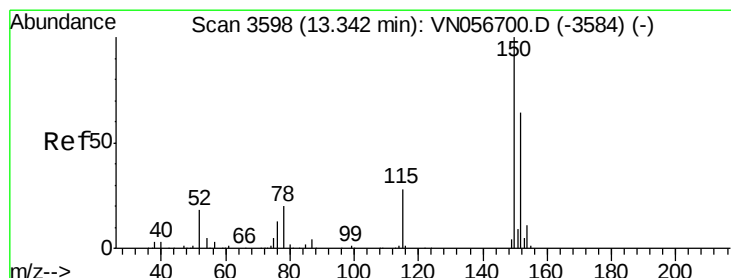
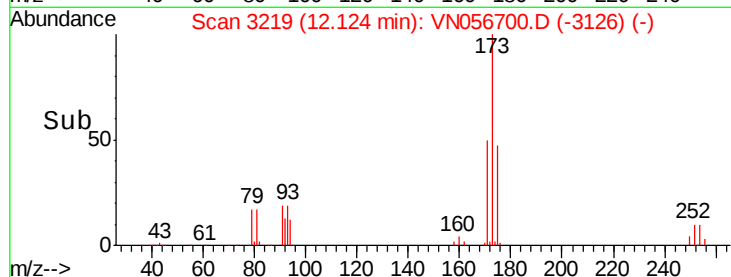
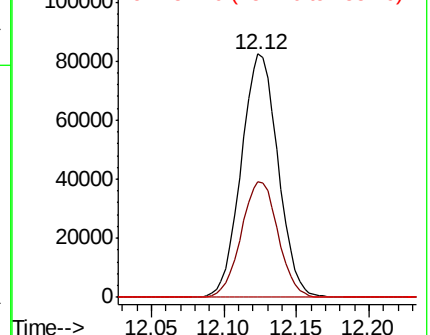
173 100

175 47.6 23.8 71.4

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

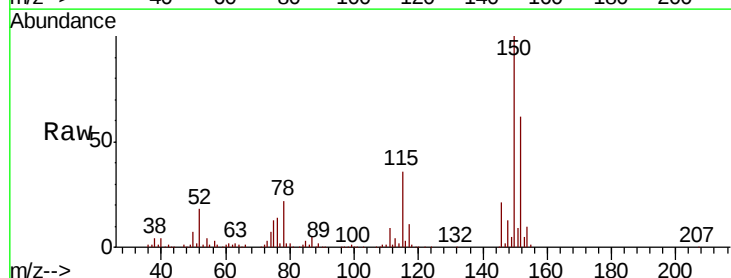
Tgt Ion:152 Resp: 222014

Ion Ratio Lower Upper

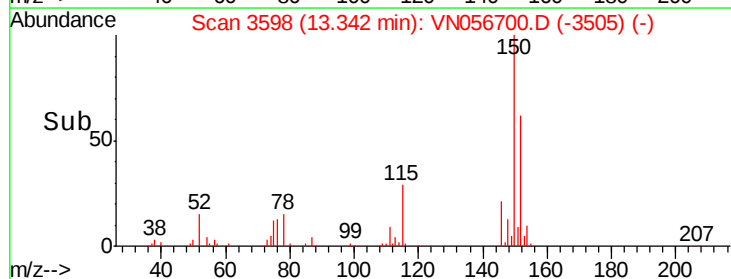
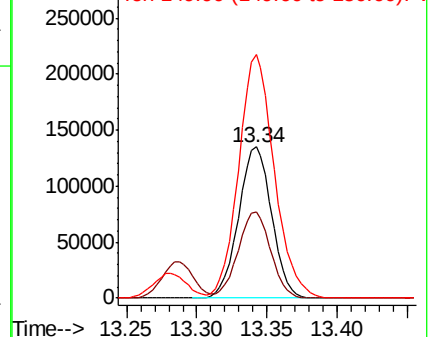
152 100

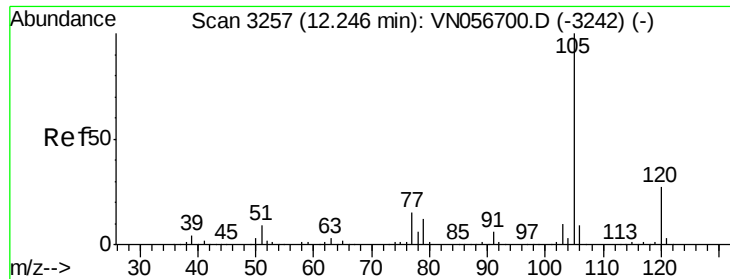
115 56.5 28.2 84.7

150 172.9 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 42.552 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampled :

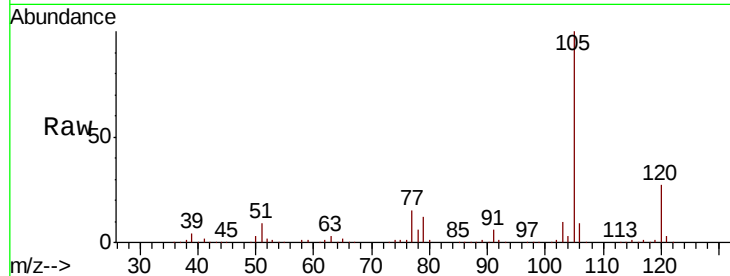
VSTDICCC050

Tot Ion:105 Resp: 826593

Ion Ratio Lower Upper

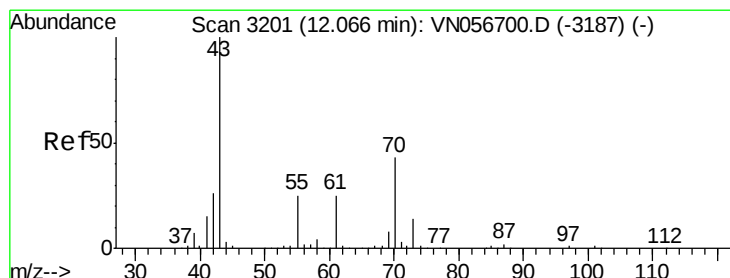
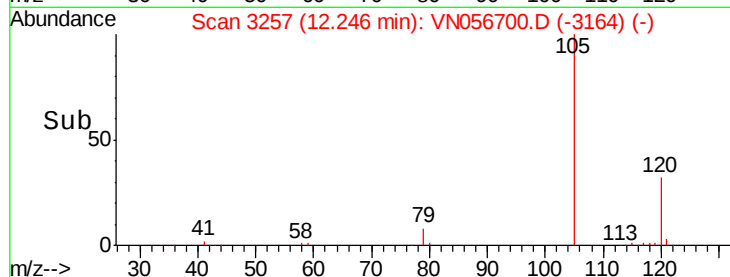
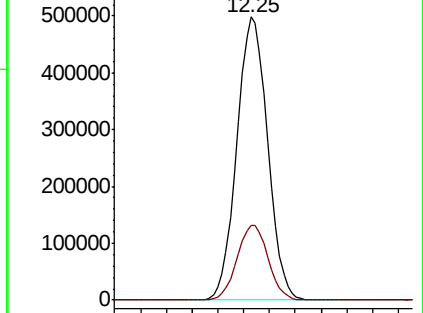
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.088 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

Tgt Ion: 43 Resp: 325501

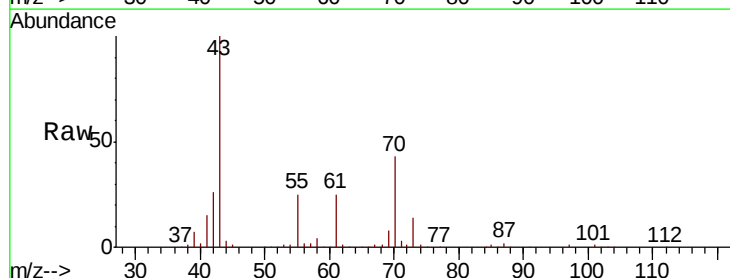
Ion Ratio Lower Upper

43 100

70 43.1 34.5 51.7

55 25.2 20.2 30.2

61 24.9 19.9 29.9

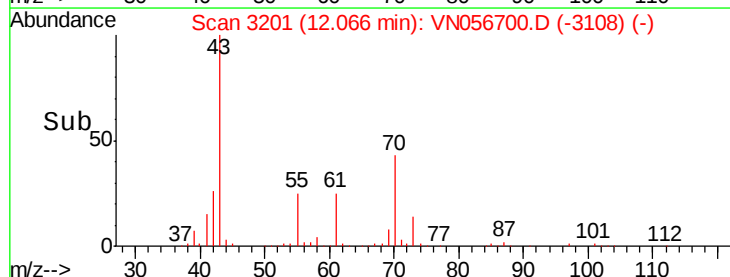
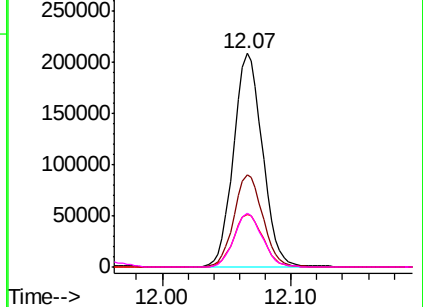


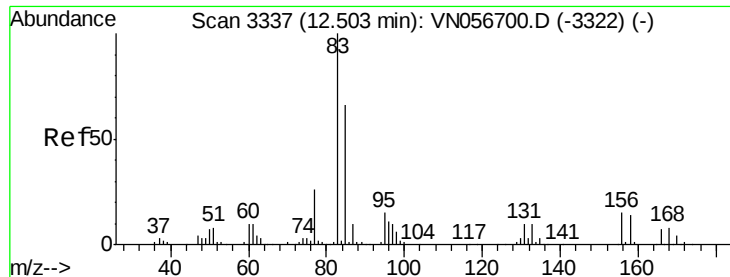
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 43.241 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

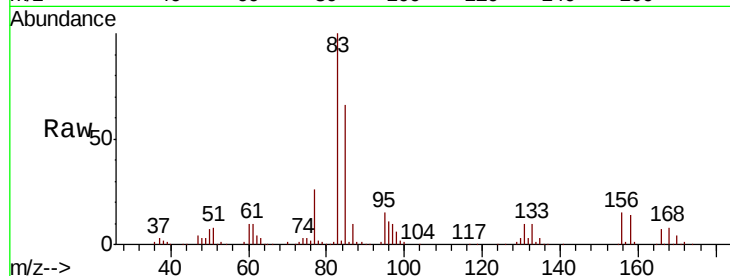
Tot Ion: 83 Resp: 263115

Ion Ratio Lower Upper

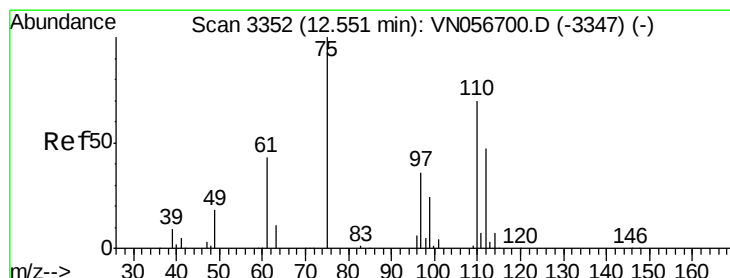
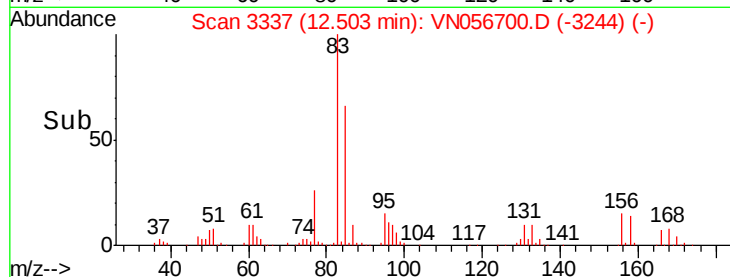
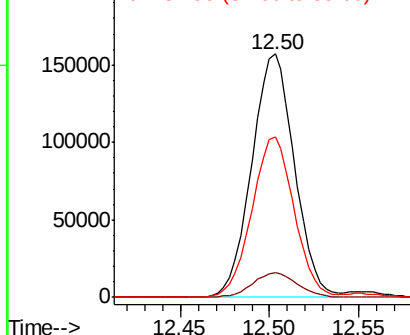
83 100

131 10.5 5.3 15.8

85 65.2 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 70.714 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN056700.D

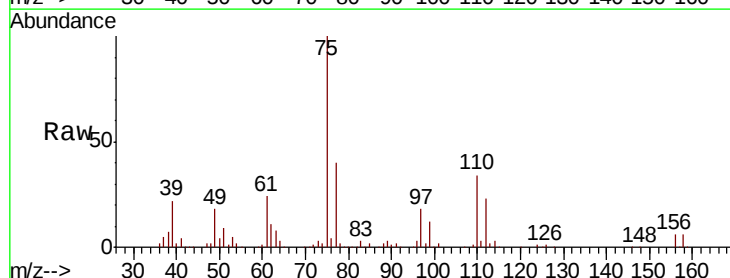
Acq: 15 Jul 2019 9:56

Tgt Ion: 75 Resp: 329891

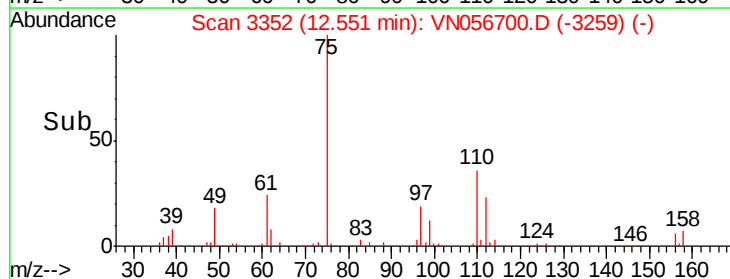
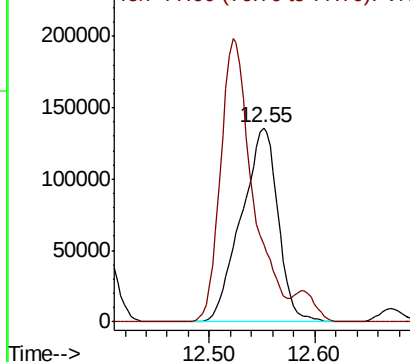
Ion Ratio Lower Upper

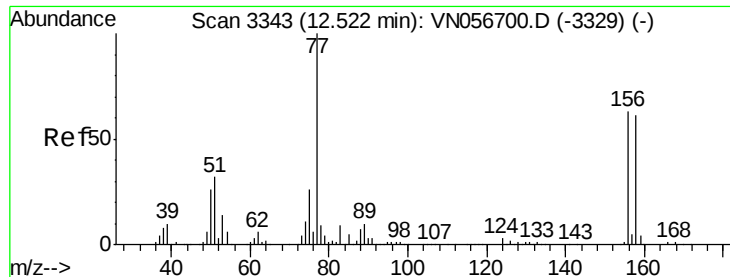
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 44.064 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

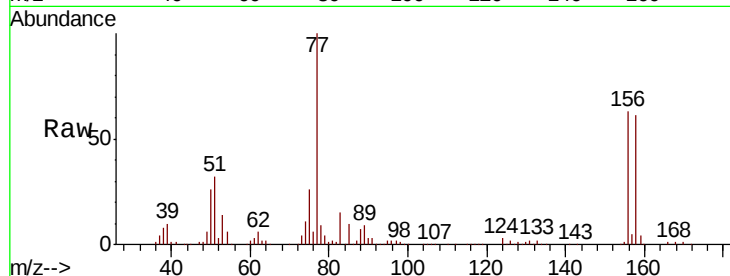
Tot Ion:156 Resp: 217251

Ion Ratio Lower Upper

156 100

77 194.4 97.2 291.6

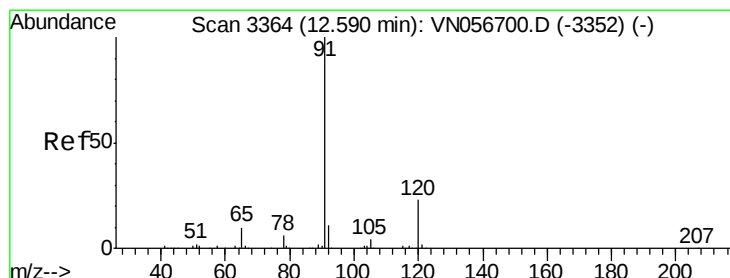
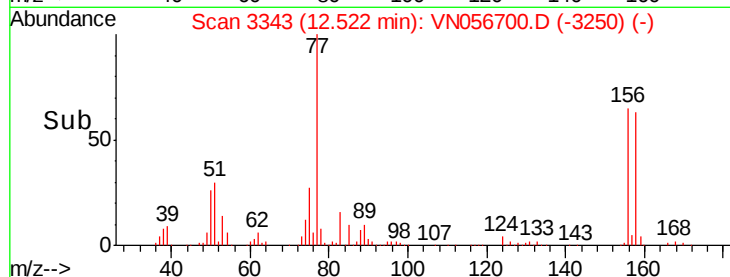
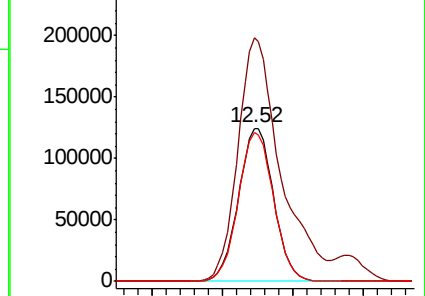
158 97.9 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.252 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056700.D

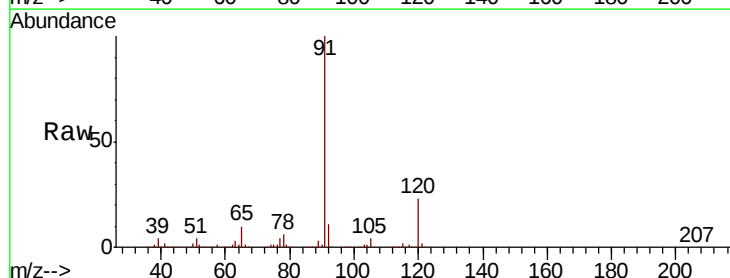
Acq: 15 Jul 2019 9:56

Tgt Ion: 91 Resp: 939015

Ion Ratio Lower Upper

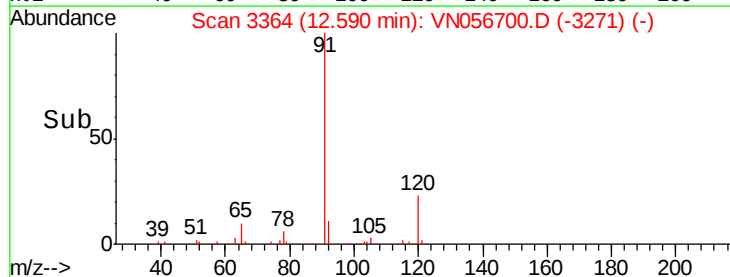
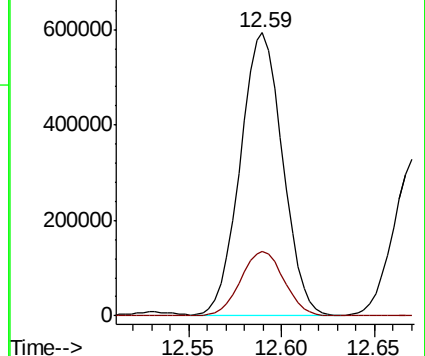
91 100

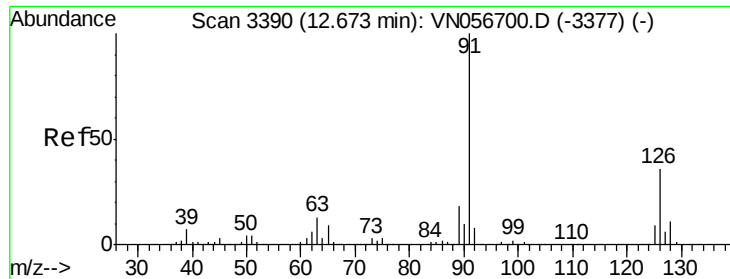
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V

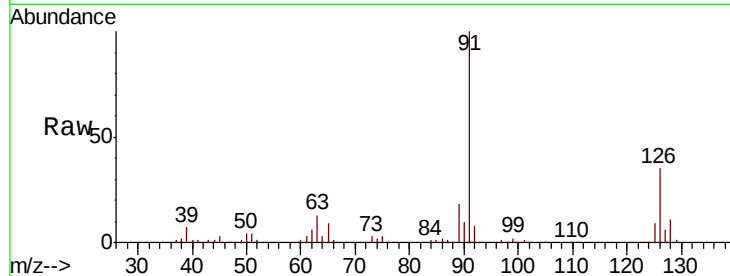




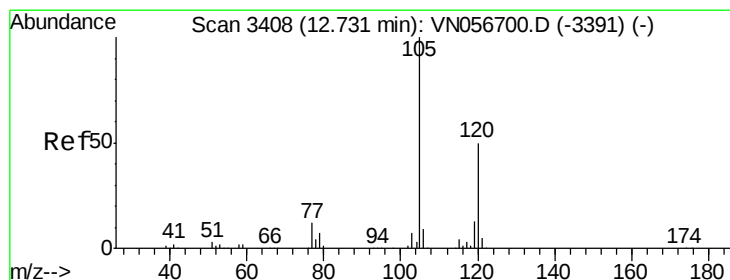
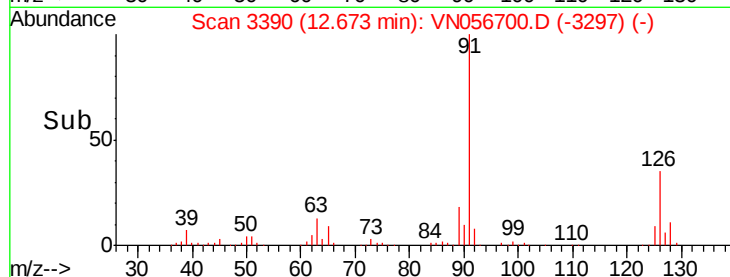
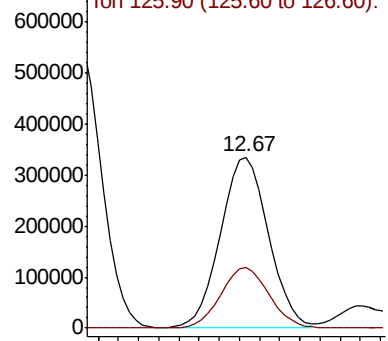
#79
 2-Chlorotoluene
 Concen: 43.619 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN056700.D
 Acq: 15 Jul 2019 9:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 91 Resp: 556834
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.9 53.7

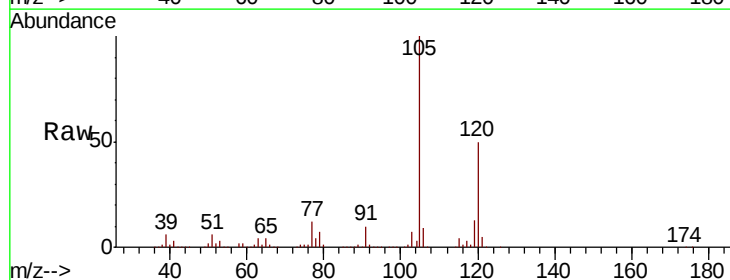


Abundance Ion 91.00 (90.70 to 91.70): VN056700.D (-3377) (-)
 Ion 125.90 (125.60 to 126.60): VN056700.D (-3377) (-)

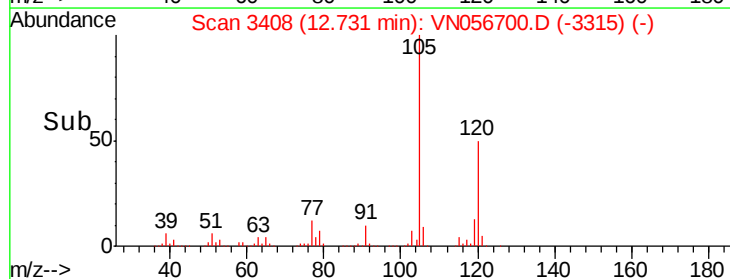
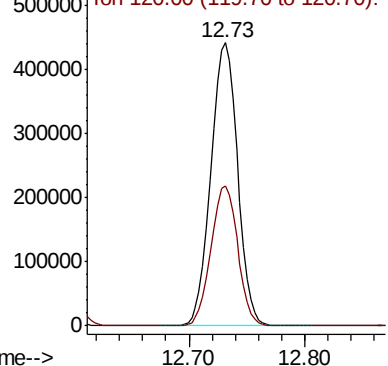


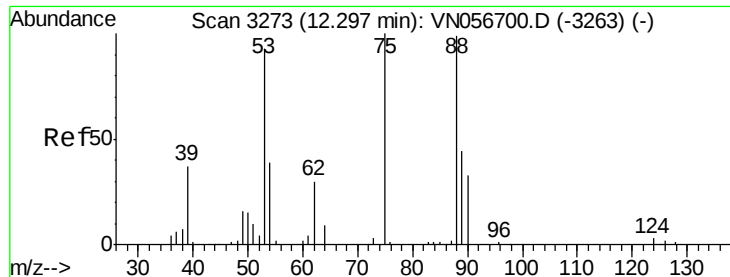
#80
 1,3,5-Trimethylbenzene
 Concen: 44.370 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN056700.D
 Acq: 15 Jul 2019 9:56

Tgt Ion: 105 Resp: 704827
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VN056700.D (-3391) (-)
 Ion 120.00 (119.70 to 120.70): VN056700.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 58.364 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

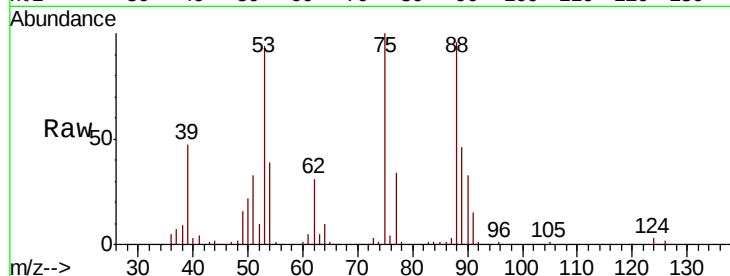
Tot Ion: 75 Resp: 79491

Ion Ratio Lower Upper

75 100

53 92.1 73.7 110.5

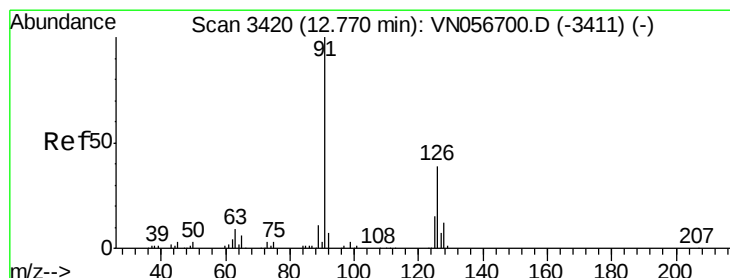
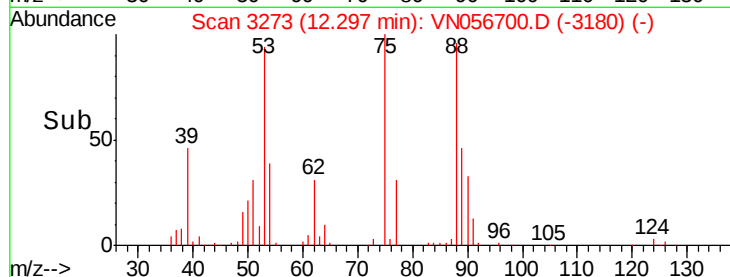
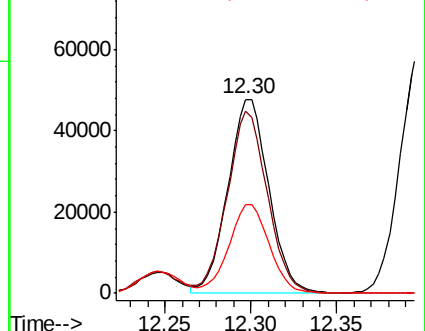
89 45.2 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 46.347 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN056700.D

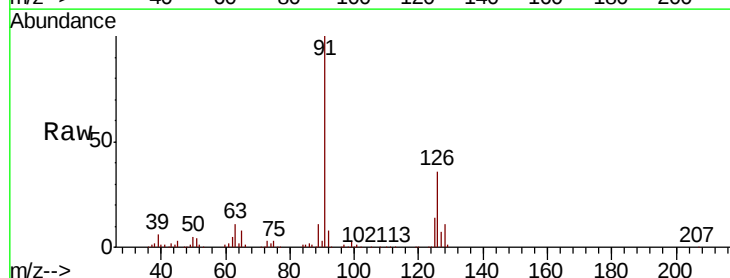
Acq: 15 Jul 2019 9:56

Tgt Ion: 91 Resp: 555119

Ion Ratio Lower Upper

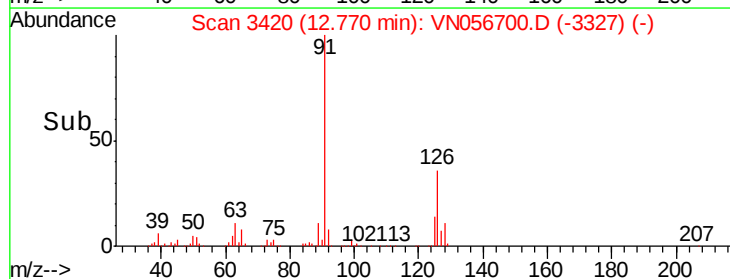
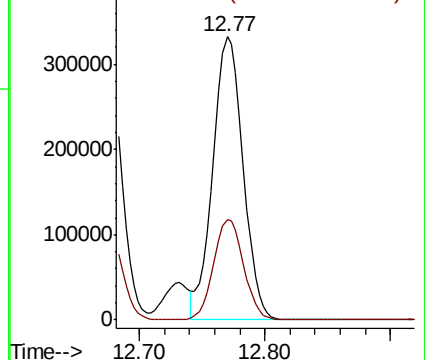
91 100

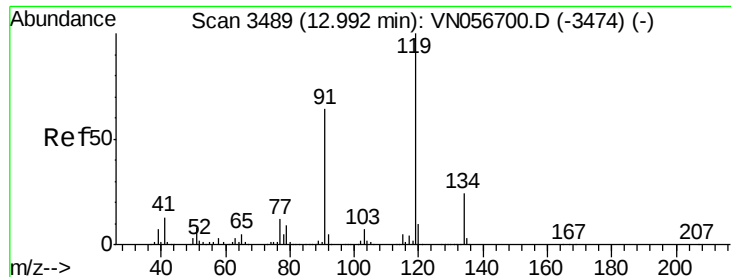
126 35.2 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

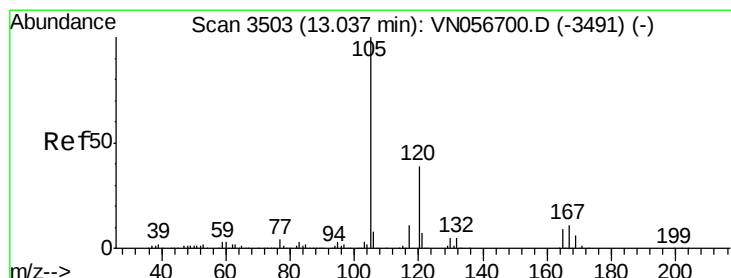
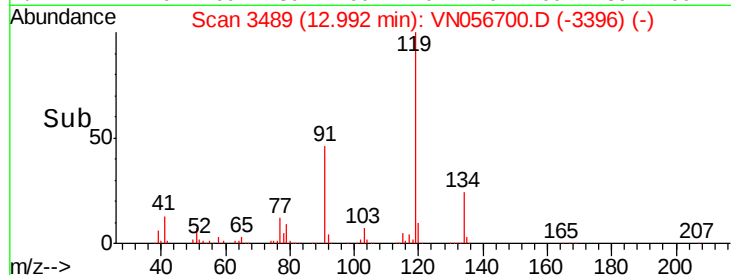
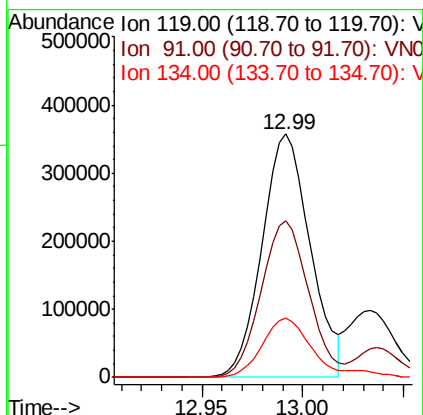
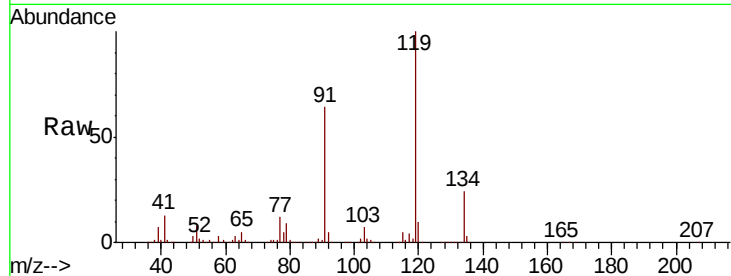




#83
tert-Butylbenzene
Concen: 41.266 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

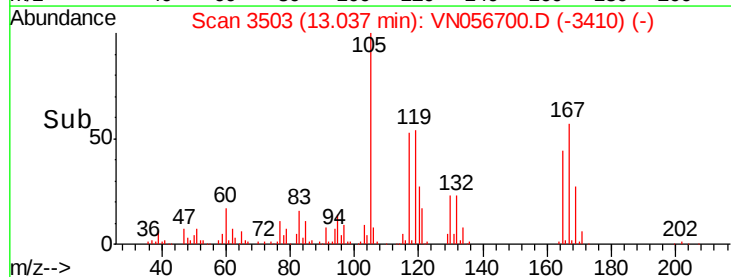
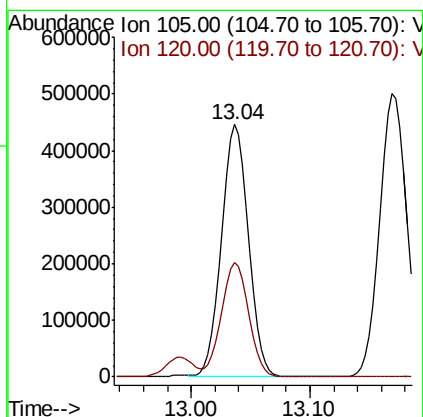
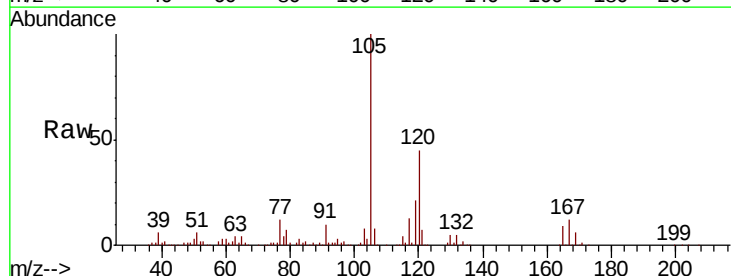
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

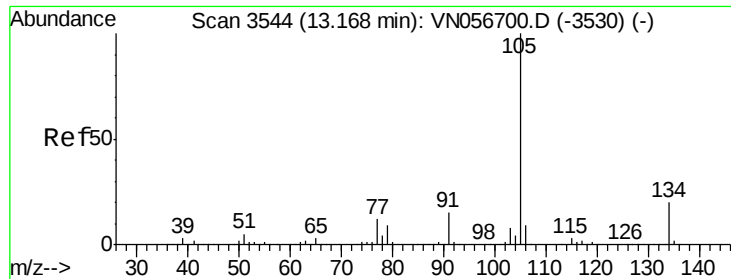
Tot Ion:119 Resp: 596062
Ion Ratio Lower Upper
119 100
91 63.6 31.8 95.4
134 25.9 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 47.011 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

Tgt Ion:105 Resp: 702465
Ion Ratio Lower Upper
105 100
120 45.9 22.9 68.8

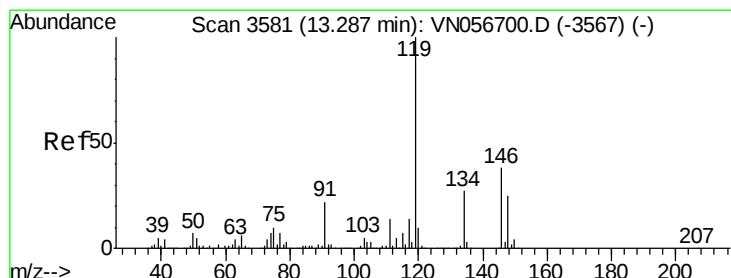
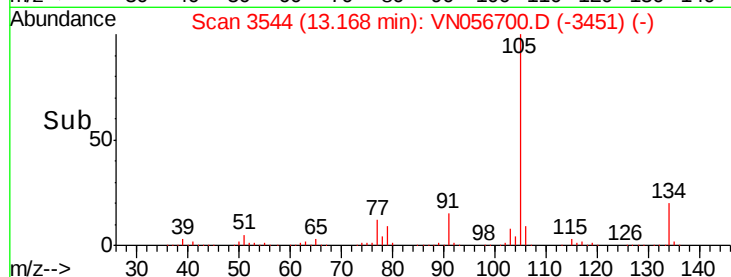
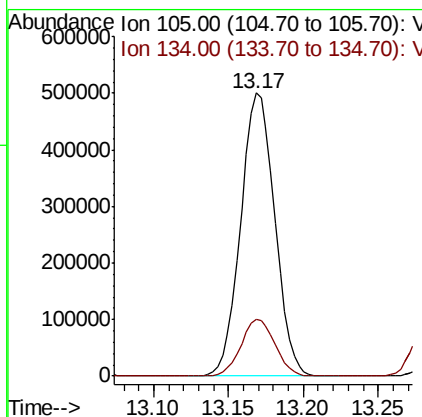
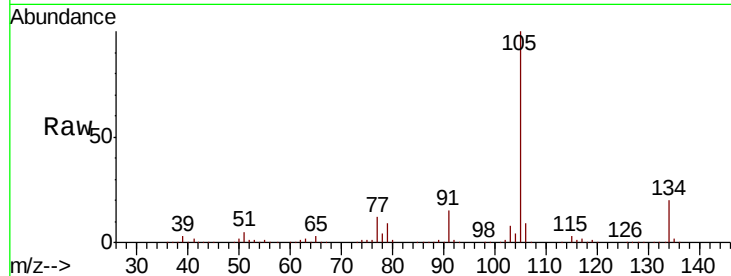




#85
 sec-Butylbenzene
 Concen: 44.696 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN056700.D
 Acq: 15 Jul 2019 9:56

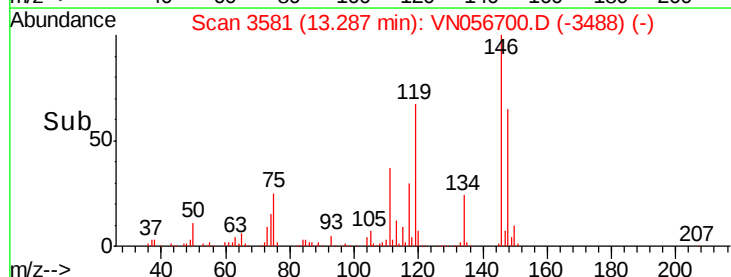
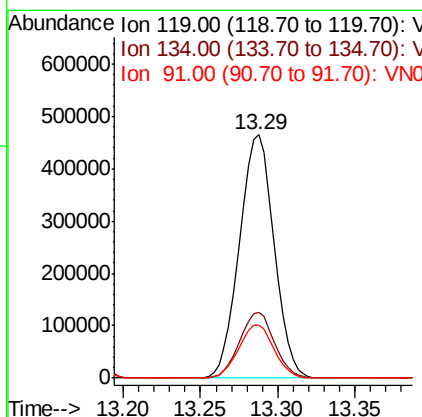
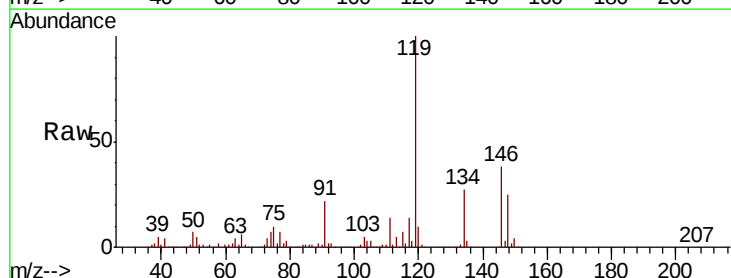
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

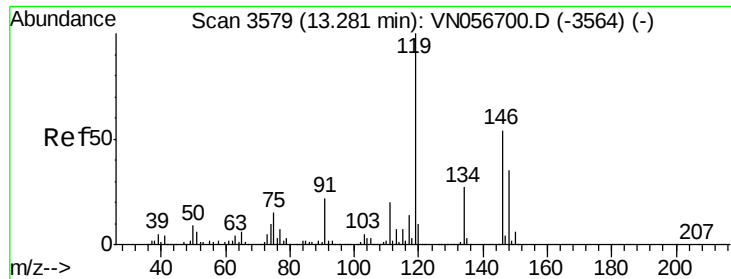
Tot Ion:105 Resp: 794455
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 47.198 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056700.D
 Acq: 15 Jul 2019 9:56

Tgt Ion:119 Resp: 722651
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 22.3 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 48.742 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

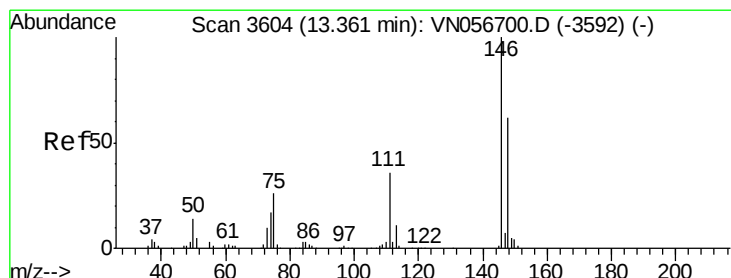
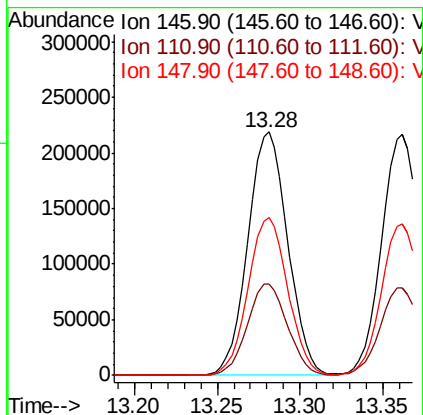
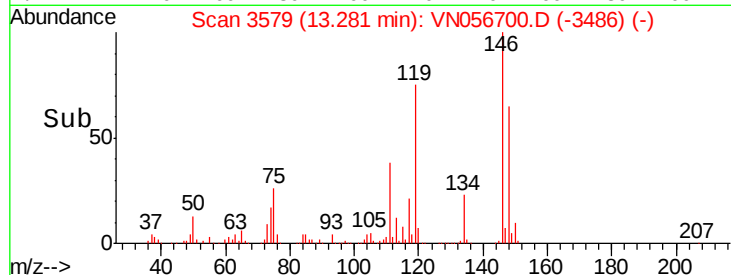
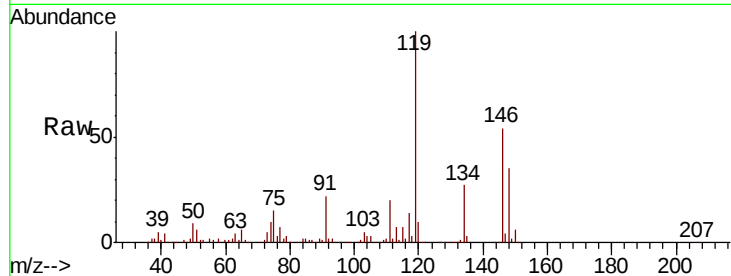
Tot Ion:146 Resp: 366640

Ion Ratio Lower Upper

146 100

111 37.5 18.8 56.3

148 64.5 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 48.817 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

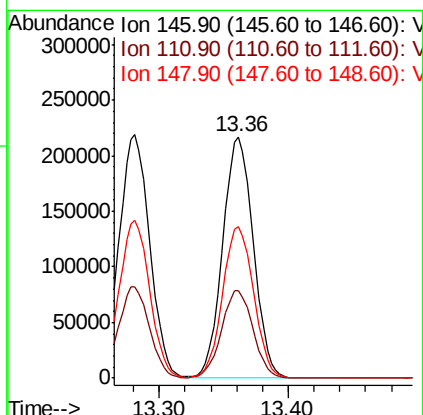
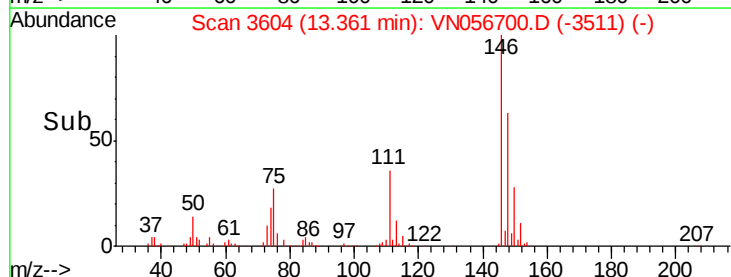
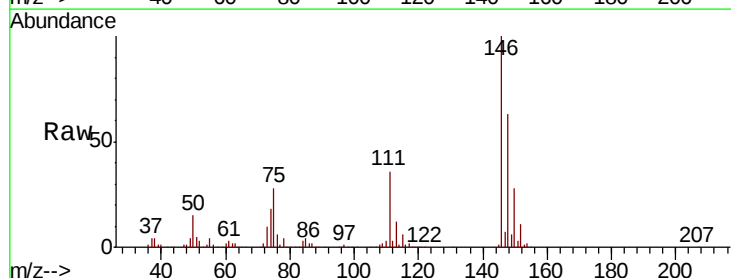
Tgt Ion:146 Resp: 357130

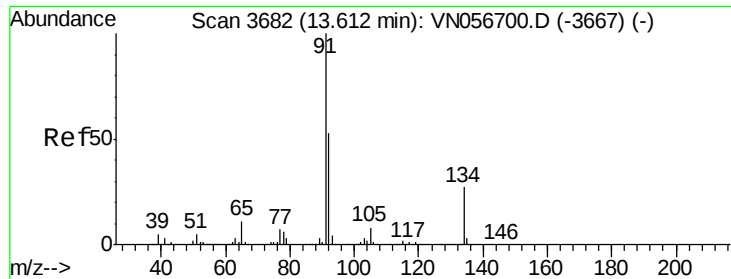
Ion Ratio Lower Upper

146 100

111 37.2 18.6 55.8

148 63.8 31.9 95.7

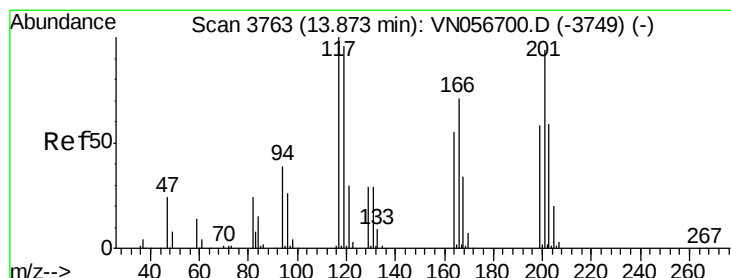
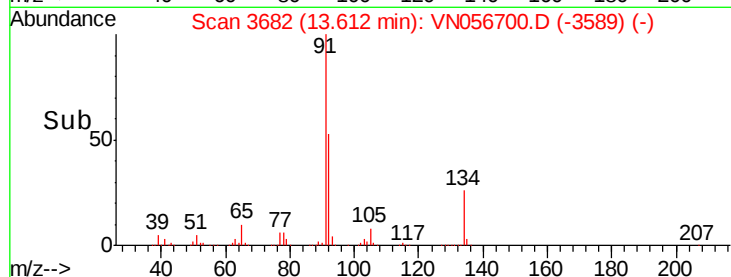
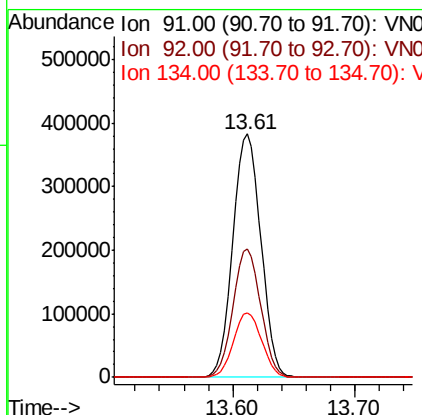
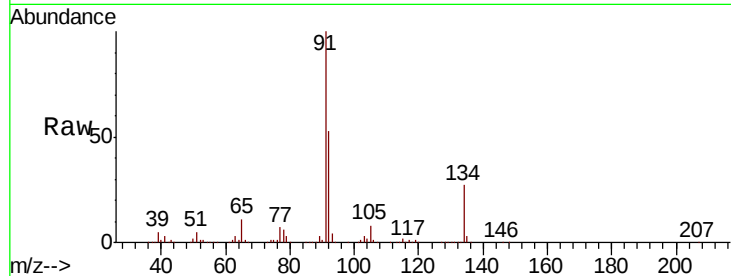




#89
n-Butylbenzene
Concen: 52.087 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

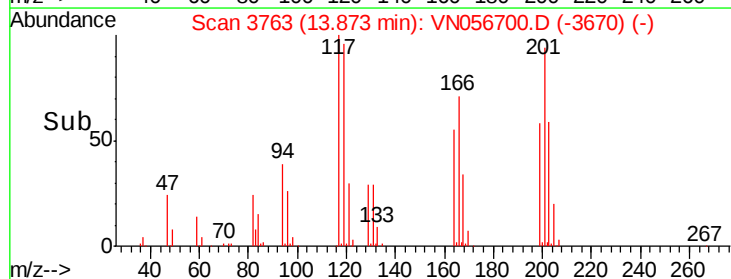
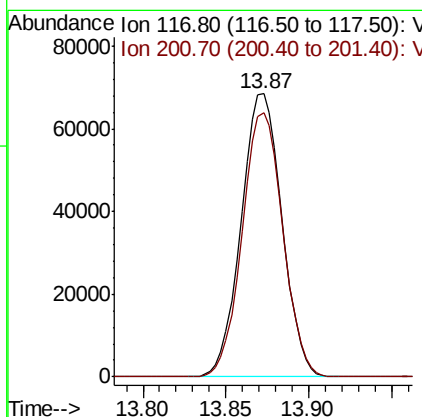
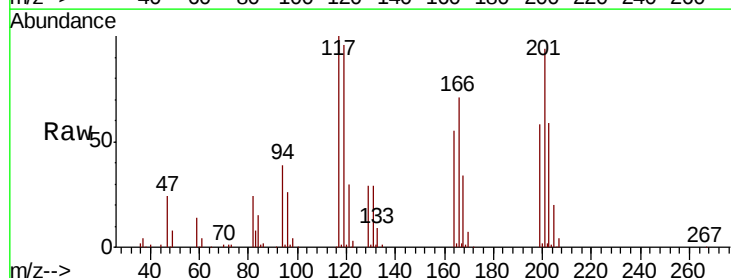
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

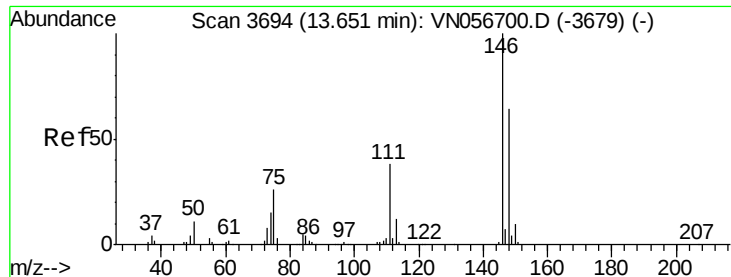
Tot Ion: 91 Resp: 613269
Ion Ratio Lower Upper
91 100
92 52.0 26.0 78.0
134 26.8 13.4 40.2



#90
Hexachloroethane
Concen: 48.714 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056700.D
Acq: 15 Jul 2019 9:56

Tgt Ion: 117 Resp: 117213
Ion Ratio Lower Upper
117 100
201 93.0 46.5 139.5





#91

1,2-Dichlorobenzene

Concen: 49.592 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

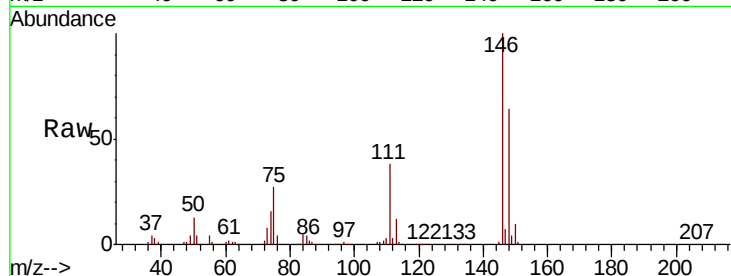
Tot Ion:146 Resp: 370774

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.1

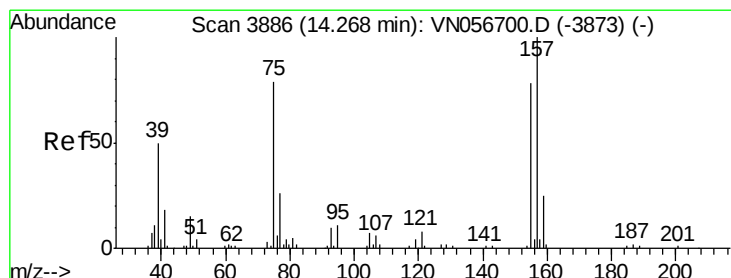
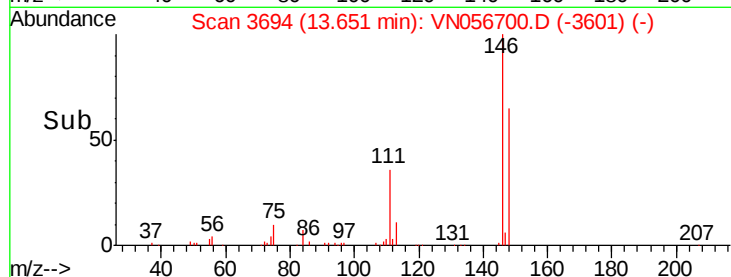
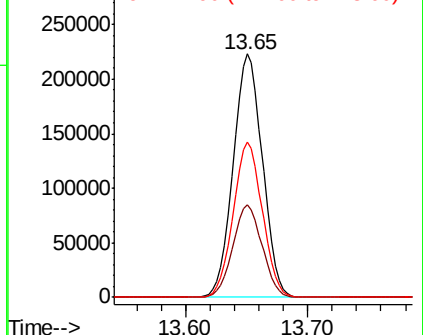
148 63.4 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.797 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

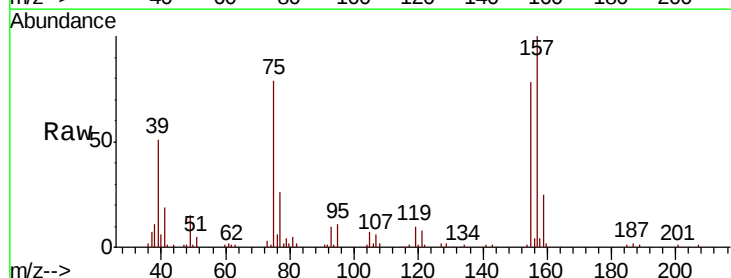
Tgt Ion: 75 Resp: 46751

Ion Ratio Lower Upper

75 100

155 98.6 49.3 147.9

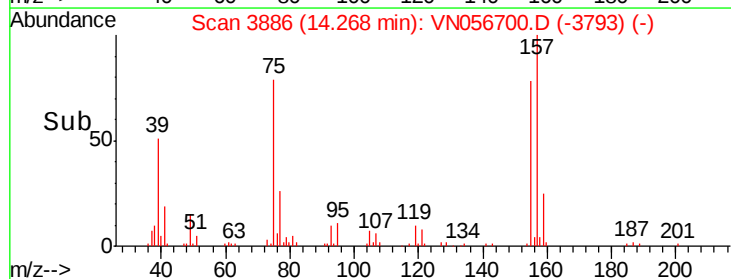
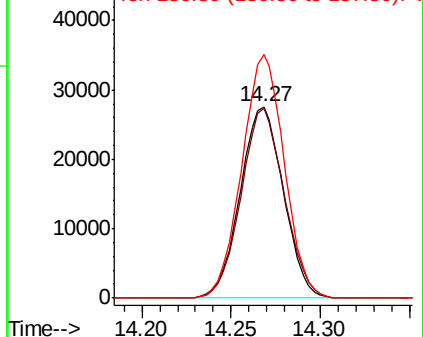
157 124.7 62.4 187.1

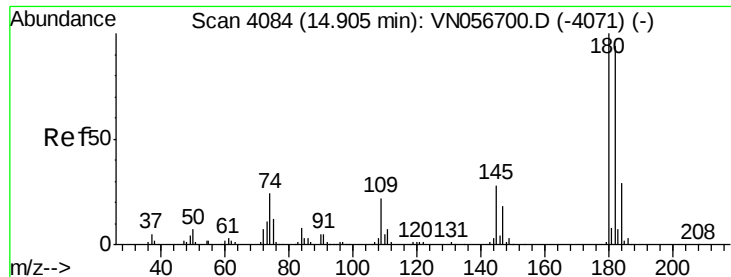


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

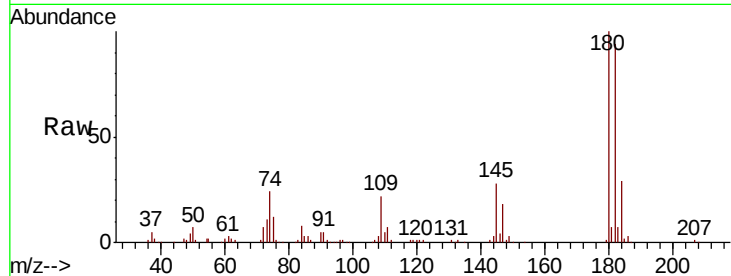




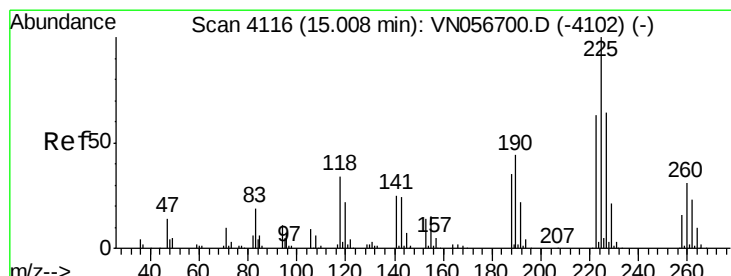
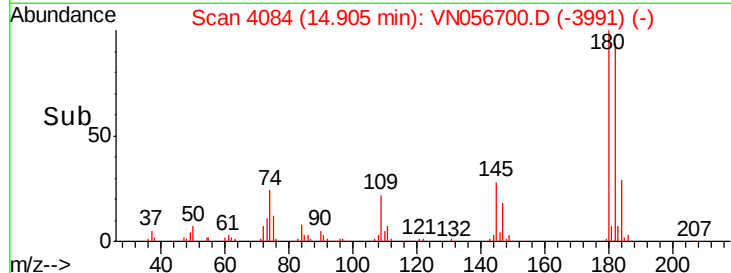
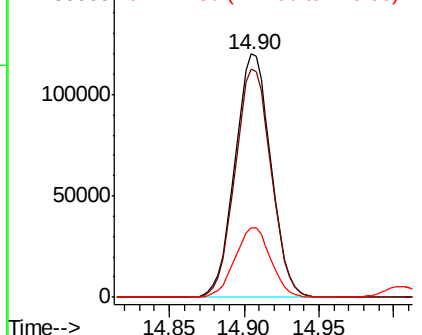
#93
 1,2,4-Trichlorobenzene
 Concen: 62.026 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN056700.D
 Acq: 15 Jul 2019 9:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion:180 Resp: 200130
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.2 141.6
 145 28.5 14.2 42.8

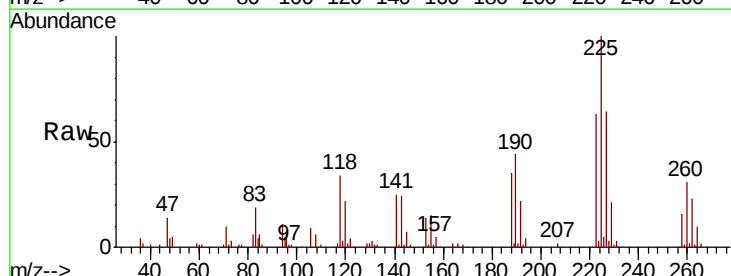


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

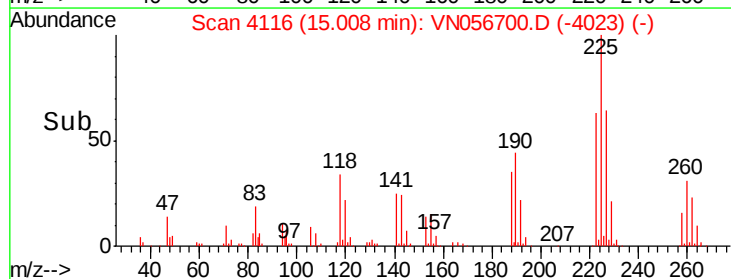
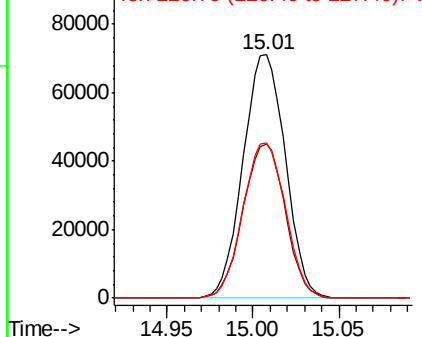


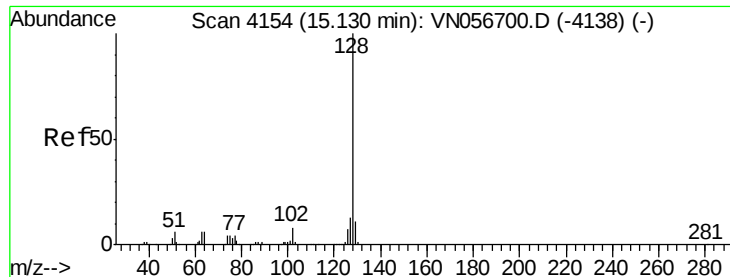
#94
 Hexachlorobutadiene
 Concen: 42.869 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056700.D
 Acq: 15 Jul 2019 9:56

Tgt Ion:225 Resp: 121527
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.5 94.5
 227 64.1 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 62.749 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

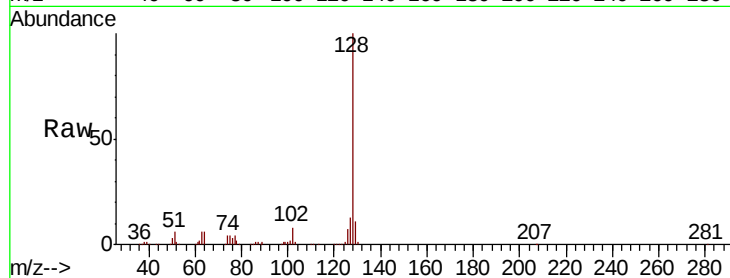
Tot Ion:128 Resp: 534515

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

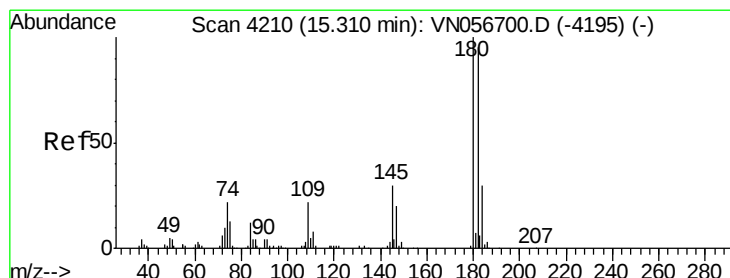
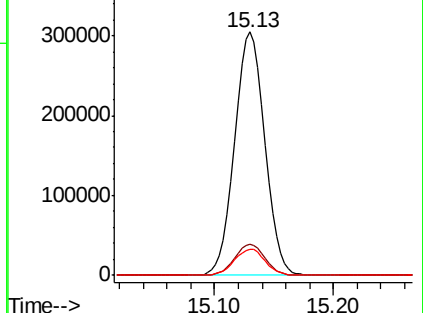
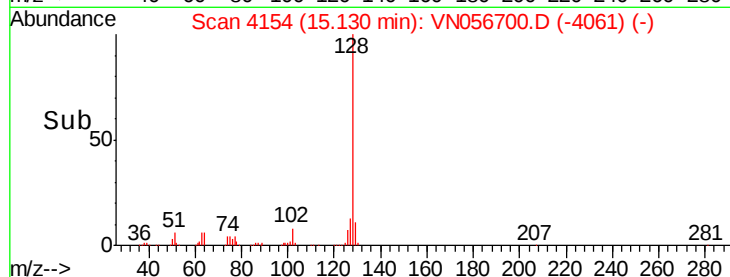
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 57.844 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN056700.D

Acq: 15 Jul 2019 9:56

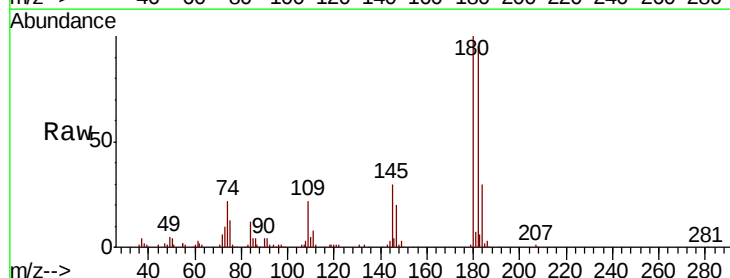
Tgt Ion:180 Resp: 198799

Ion Ratio Lower Upper

180 100

182 94.2 47.1 141.3

145 30.1 15.0 45.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

