

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071619\
 Data File : VN056753.D
 Acq On : 16 Jul 2019 8:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 17 01:05:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	355055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	529720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	479436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	229896	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	183669	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
35) Dibromofluoromethane	7.59	113	164295	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
50) Toluene-d8	10.09	98	635984	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.40	95	223452	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	146550	43.957	ug/l	98
3) Chloromethane	2.06	50	189110	42.190	ug/l	100
4) Vinyl Chloride	2.19	62	192679	44.639	ug/l	99
5) Bromomethane	2.56	94	119571	47.106	ug/l	100
6) Chloroethane	2.70	64	112754	44.828	ug/l	100
7) Trichlorofluoromethane	3.01	101	249658	45.076	ug/l	98
8) Diethyl Ether	3.41	74	97712	45.250	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	155546	46.745	ug/l	99
10) Methyl Iodide	3.95	142	191014	42.917	ug/l	100
11) Tert butyl alcohol	4.78	59	130078	198.983	ug/l	100
12) 1,1-Dichloroethene	3.73	96	152907	45.812	ug/l	99
13) Acrolein	3.60	56	48641	219.223	ug/l	100
14) Allyl chloride	4.32	41	261627	45.326	ug/l	100
15) Acrylonitrile	4.98	53	412510	218.510	ug/l	99
16) Acetone	3.81	43	461870	255.199	ug/l	99
17) Carbon Disulfide	4.05	76	406551	46.094	ug/l	99
18) Methyl Acetate	4.32	43	167629	41.065	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	477654	44.915	ug/l	98
20) Methylene Chloride	4.55	84	174817	44.201	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	166933	47.315	ug/l	99
22) Diisopropyl ether	5.95	45	530680	46.578	ug/l	96
23) Vinyl Acetate	5.89	43	2202980	238.609	ug/l	100
24) 1,1-Dichloroethane	5.85	63	302176	45.745	ug/l	99
25) 2-Butanone	6.83	43	604006	228.271	ug/l	100
26) 2,2-Dichloropropane	6.82	77	228386	47.951	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	190988	47.044	ug/l	99
28) Bromochloromethane	7.19	49	132441	42.643	ug/l	100
29) Tetrahydrofuran	7.21	42	373510	216.427	ug/l	99
30) Chloroform	7.37	83	296200	44.810	ug/l	99
31) Cyclohexane	7.65	56	292886	46.650	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	244761	46.820	ug/l	100
36) 1,1-Dichloropropene	7.79	75	230749	47.074	ug/l	99
37) Ethyl Acetate	6.92	43	221277	45.802	ug/l	99
38) Carbon Tetrachloride	7.77	117	216696	47.139	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	302196	49.929	ug/l	99
40) Benzene	8.04	78	704298	46.892	ug/l	99
41) Methacrylonitrile	7.17	41	93131	43.885	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	221404	46.642	ug/l	100
43) Isopropyl Acetate	8.16	43	361284	47.568	ug/l	99
44) Trichloroethene	8.83	130	197145	48.336	ug/l	96
45) 1,2-Dichloropropane	9.12	63	188662	47.273	ug/l	100
46) Dibromomethane	9.21	93	119303	48.239	ug/l	99
47) Bromodichloromethane	9.40	83	228151	48.546	ug/l	97
48) Methyl methacrylate	9.20	41	174395	47.479	ug/l	100
49) 1,4-Dioxane	9.20	88	55961	742.506	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1112694	226.193	ug/l	100
52) Toluene	10.15	92	437002	48.993	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	250062	50.999	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	284432	49.989	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	173243	46.307	ug/l	99
56) Ethyl methacrylate	10.43	69	266441	49.496	ug/l	99
57) 1,3-Dichloropropane	10.71	76	290317	47.512	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	582614	225.071	ug/l	98
59) 2-Hexanone	10.75	43	846723	239.884	ug/l	100
60) Dibromochloromethane	10.90	129	181027	49.200	ug/l	98
61) 1,2-Dibromoethane	11.00	107	180885	48.650	ug/l	100
64) Tetrachloroethene	10.63	164	194313	46.979	ug/l	99
65) Chlorobenzene	11.43	112	470420	47.987	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	171500	47.514	ug/l	98
67) Ethyl Benzene	11.51	91	842726	48.915	ug/l	99
68) m/p-Xylenes	11.62	106	635152	98.647	ug/l	100
69) o-Xylene	11.95	106	300249	47.433	ug/l	98
70) Styrene	11.96	104	523003	51.106	ug/l	99
71) Bromoform	12.12	173	134639	49.025	ug/l #	98
73) Isopropylbenzene	12.25	105	811356	43.770	ug/l	100
74) N-amyl acetate	12.07	43	293946	42.579	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	243367	45.150	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	303302	60.320	ug/l #	100
77) Bromobenzene	12.52	156	212125	43.751	ug/l	98
78) n-propylbenzene	12.59	91	937607	45.561	ug/l	100
79) 2-Chlorotoluene	12.67	91	544369	47.797	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	694864	44.229	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	72422	44.482	ug/l	99
82) 4-Chlorotoluene	12.77	91	553365	45.820	ug/l	100
83) tert-Butylbenzene	12.99	119	582467	47.487	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	693936	45.213	ug/l	100
85) sec-Butylbenzene	13.17	105	789885	45.247	ug/l	99
86) p-Isopropyltoluene	13.29	119	731554	46.258	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	366805	46.163	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	358616	46.399	ug/l	99
89) n-Butylbenzene	13.61	91	648030	50.871	ug/l	100
90) Hexachloroethane	13.87	117	112572	44.018	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	357913	44.042	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41841	42.094	ug/l	99

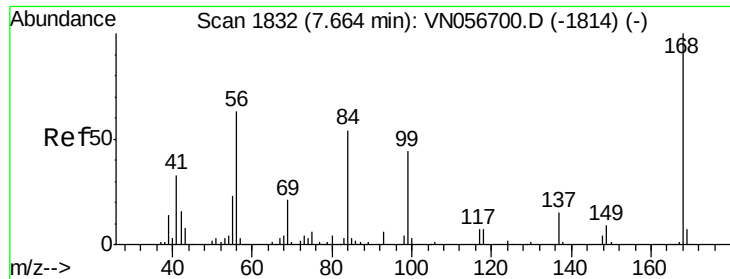
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	201880	45.338	ug/l	99
94) Hexachlorobutadiene	15.01	225	125208	49.014	ug/l	99
95) Naphthalene	15.13	128	497091	41.230	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	200894	45.397	ug/l	99

(#) = 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: VN056753.D

Acq: 16 Jul 2019 8:56

Instrument :

MSVOA_N

ClientSampleId :

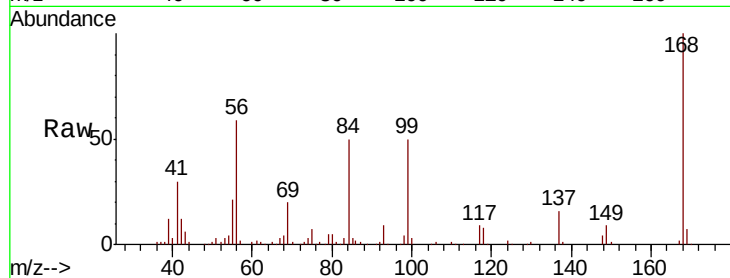
VSTDCCC050

Tot Ion:168 Resp: 355055

Ion Ratio Lower Upper

168 100

99 50.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

150000

100000

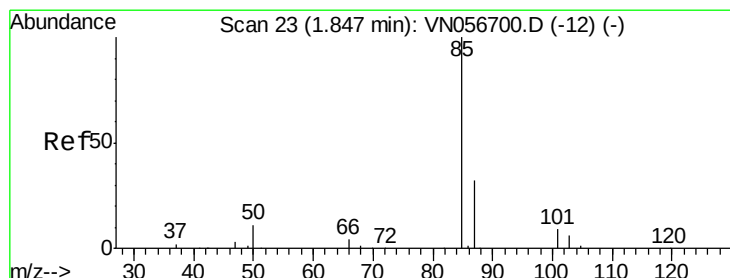
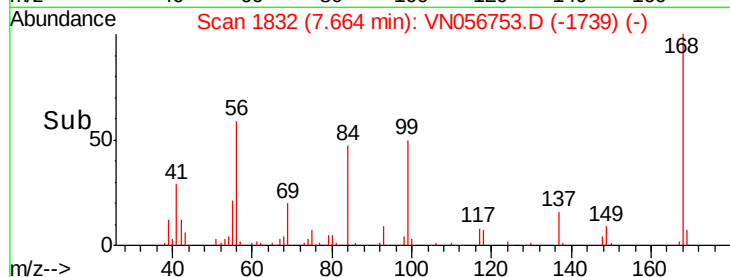
50000

0

7.66

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 43.957 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056753.D

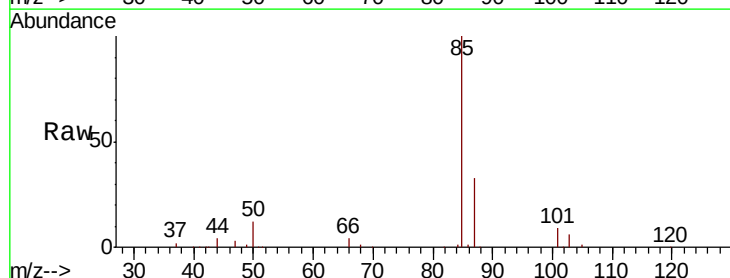
Acq: 16 Jul 2019 8:56

Tgt Ion: 85 Resp: 146550

Ion Ratio Lower Upper

85 100

87 32.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

100000

80000

60000

40000

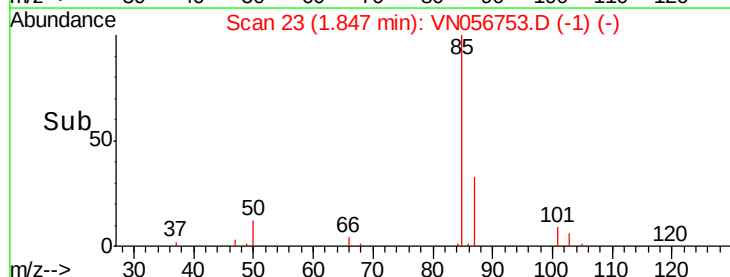
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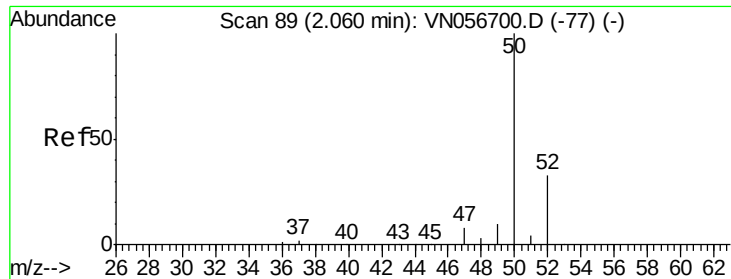
0

1.85

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 42.190 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

Instrument :

MSVOA_N

ClientSampleId :

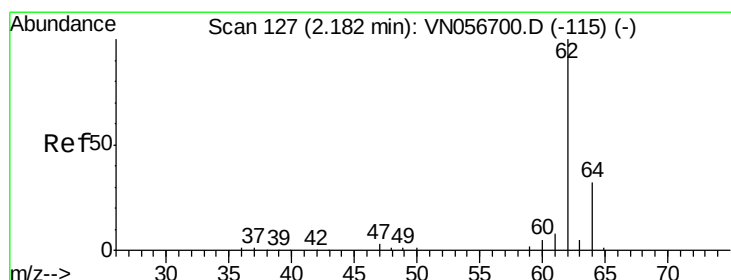
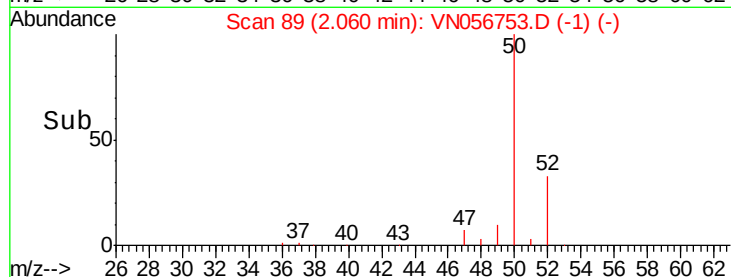
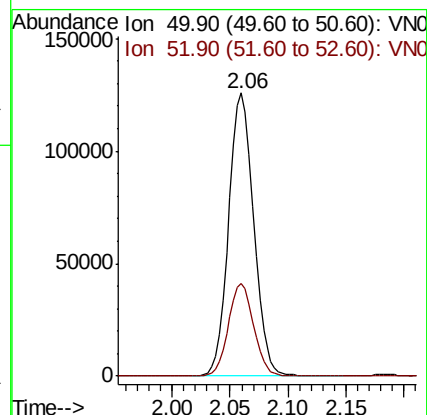
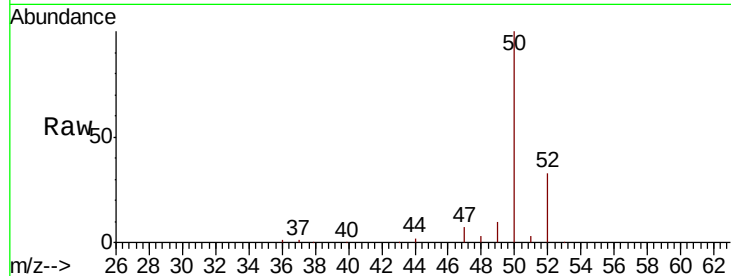
VSTDCCC050

Tot Ion: 50 Resp: 189110

Ion Ratio Lower Upper

50 100

52 32.9 26.5 39.7



#4

Vinyl Chloride

Concen: 44.639 ug/l

RT: 2.19 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056753.D

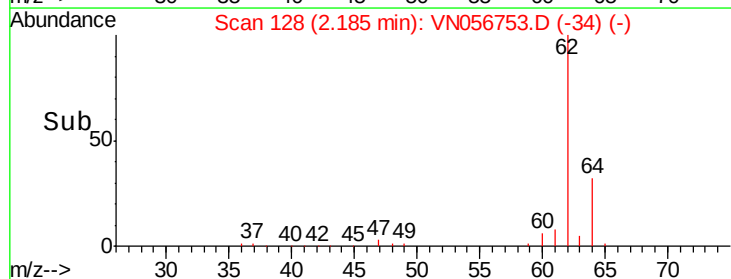
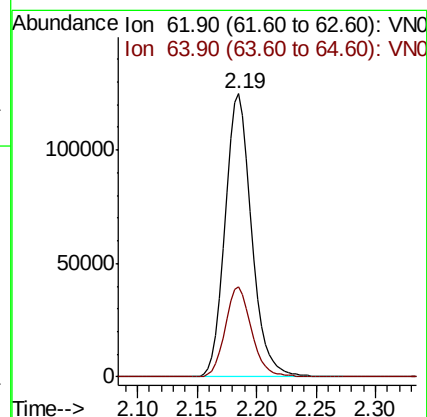
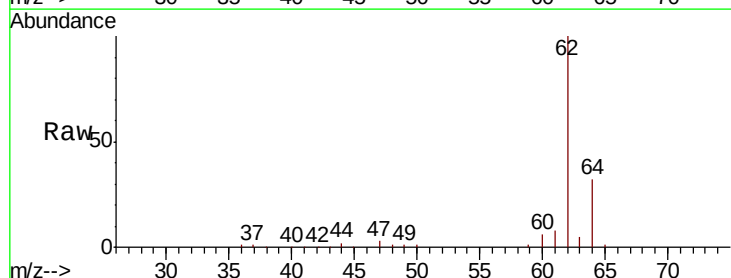
Acq: 16 Jul 2019 8:56

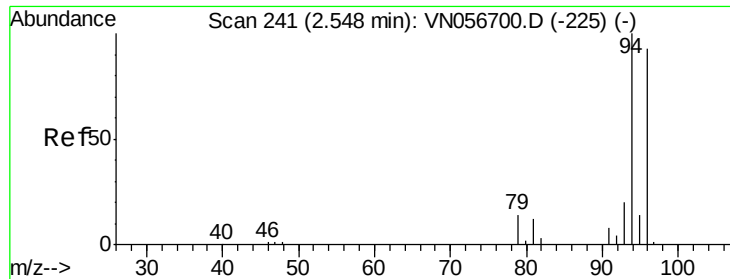
Tgt Ion: 62 Resp: 192679

Ion Ratio Lower Upper

62 100

64 31.7 25.6 38.4

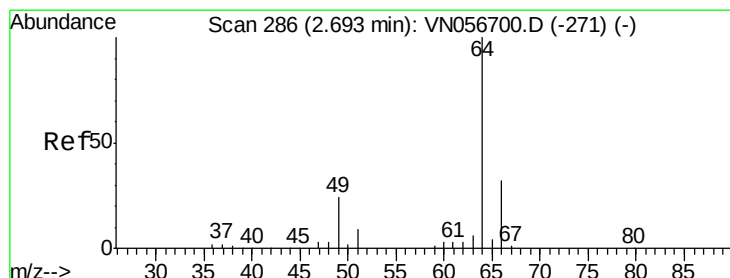
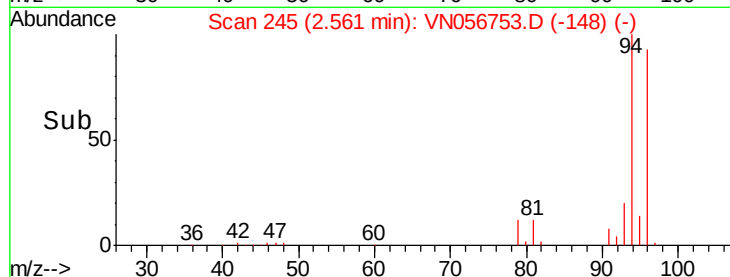
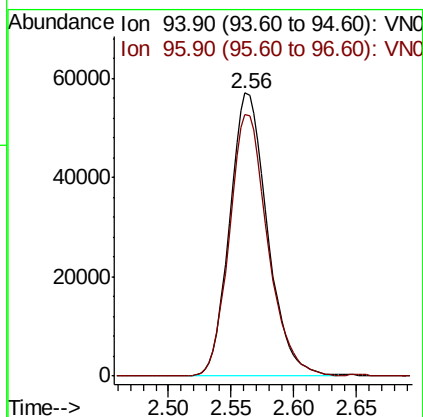
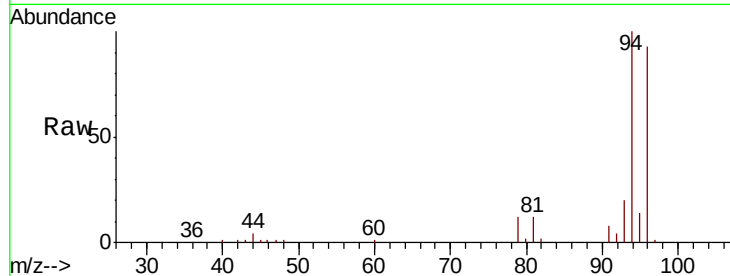




#5
Bromomethane
Concen: 47.106 ug/l
RT: 2.56 min Scan# 245
Delta R.T. 0.01 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

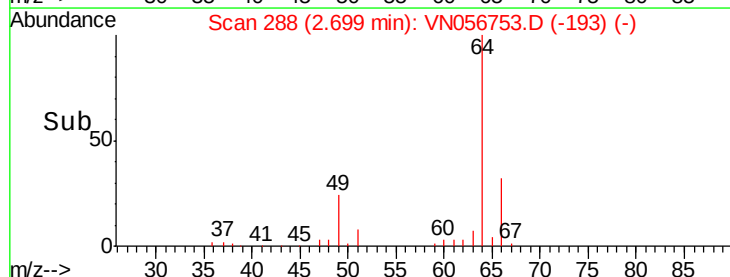
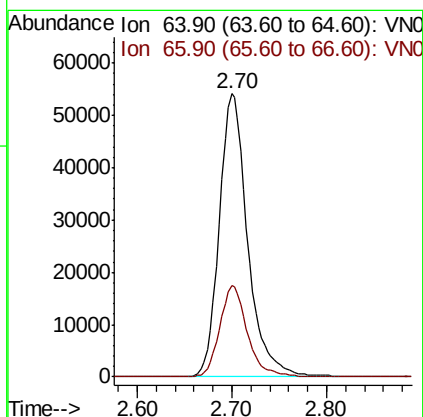
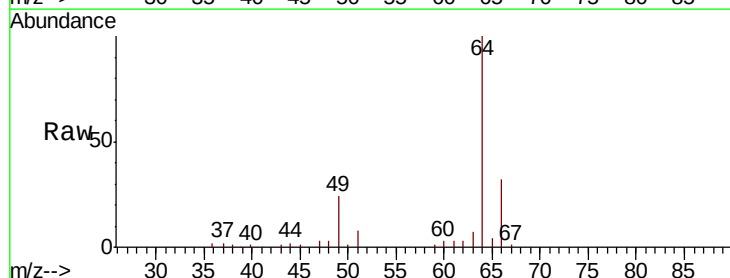
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

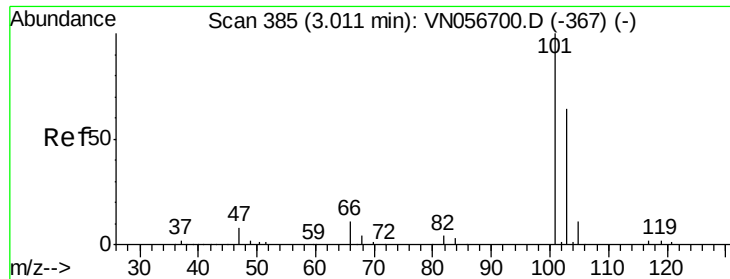
Tot Ion: 94 Resp: 119571
Ion Ratio Lower Upper
94 100
96 92.5 74.0 111.0



#6
Chloroethane
Concen: 44.828 ug/l
RT: 2.70 min Scan# 288
Delta R.T. 0.01 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

Tgt Ion: 64 Resp: 112754
Ion Ratio Lower Upper
64 100
66 32.1 25.8 38.8



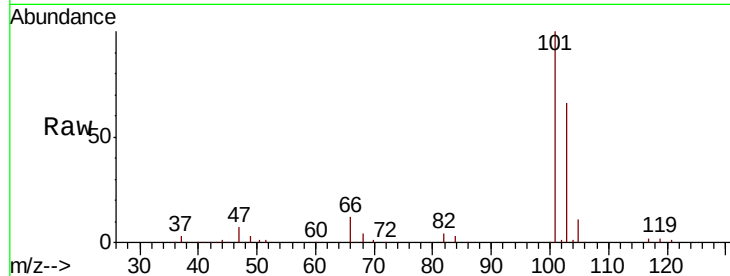


#7

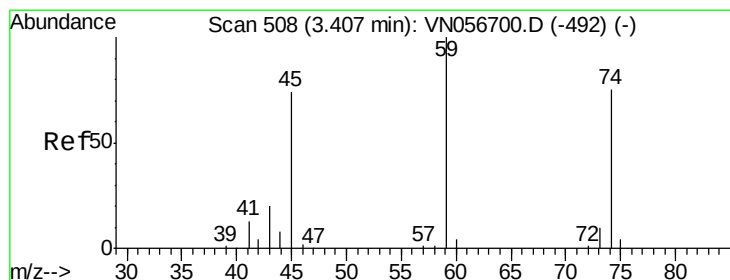
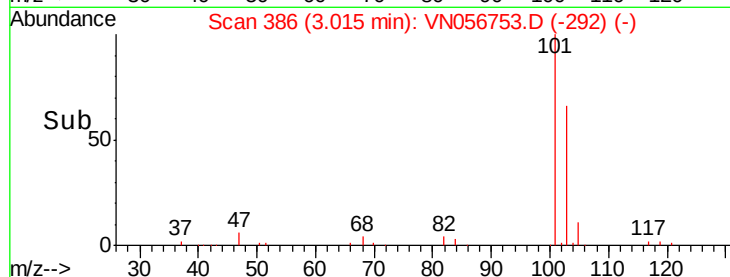
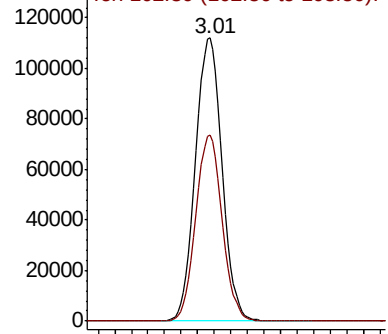
Trichlorofluoromethane
 Concen: 45.076 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: VN056753.D
 Acq: 16 Jul 2019 8:56

Instrument :
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 ClientSampleId :
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Tot Ion:101 Resp: 249658
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.5 77.3



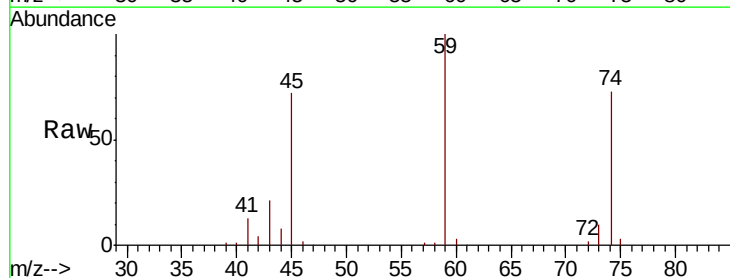
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



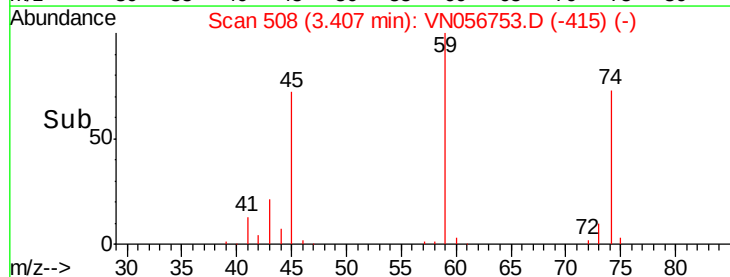
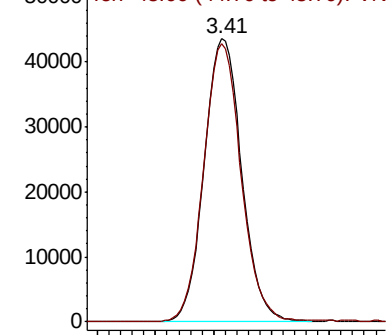
#8

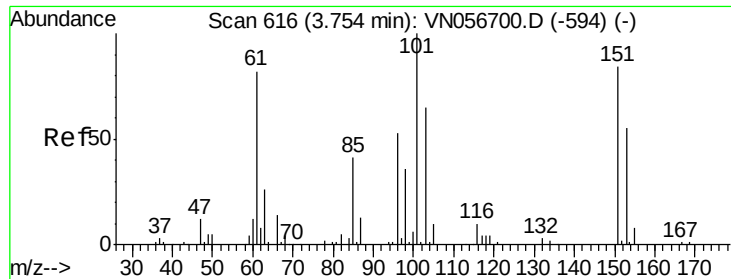
Diethyl Ether
 Concen: 45.250 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN056753.D
 Acq: 16 Jul 2019 8:56

Tgt Ion: 74 Resp: 97712
 Ion Ratio Lower Upper
 74 100
 45 98.5 49.4 148.2



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.745 ug/l

RT: 3.76 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

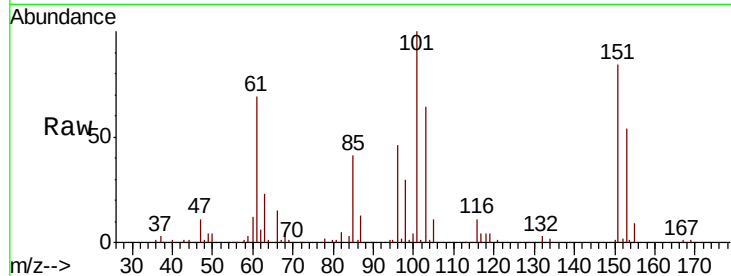
Tot Ion:101 Resp: 155546

Ion Ratio Lower Upper

101 100

85 41.4 33.3 49.9

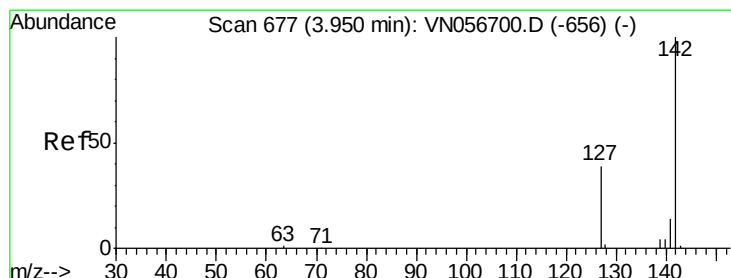
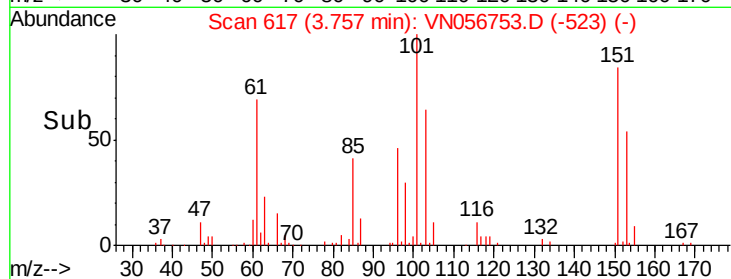
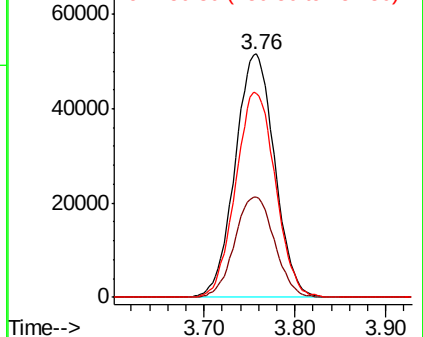
151 84.7 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.917 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

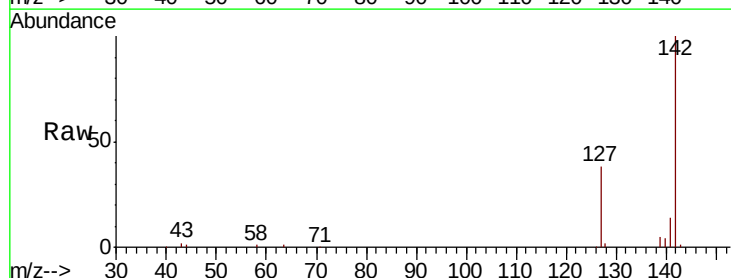
Tgt Ion:142 Resp: 191014

Ion Ratio Lower Upper

142 100

127 38.8 30.7 46.1

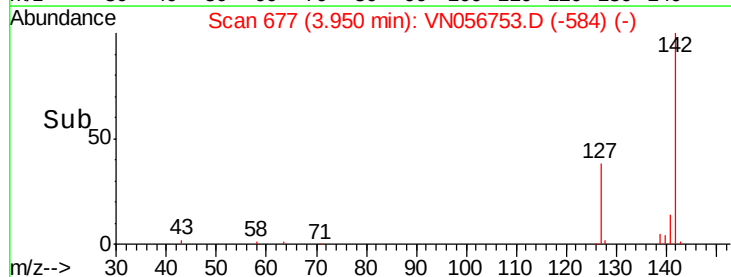
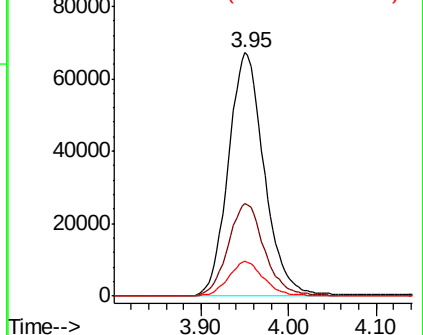
141 14.1 11.3 16.9

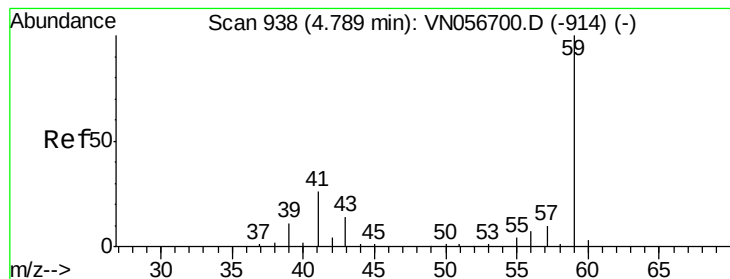


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



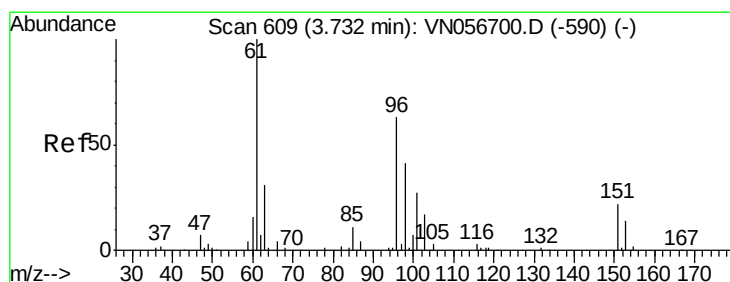
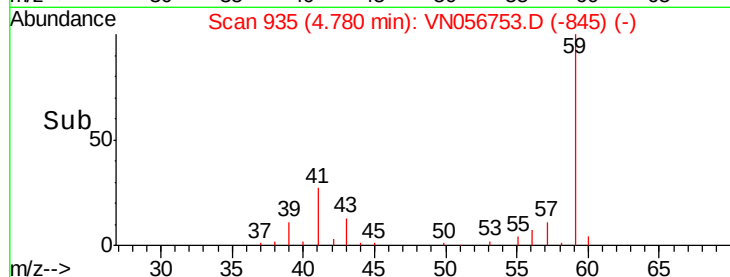
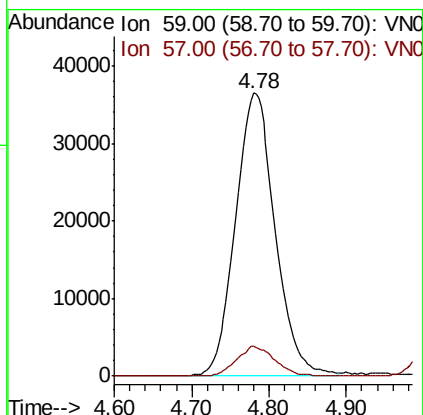
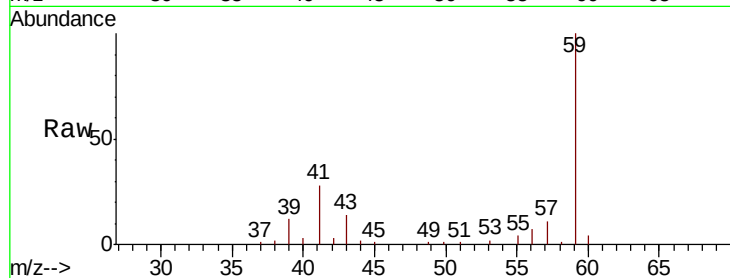


#11

Tert butyl alcohol
 Concen: 198.983 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VN056753.D
 Acq: 16 Jul 2019 8:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

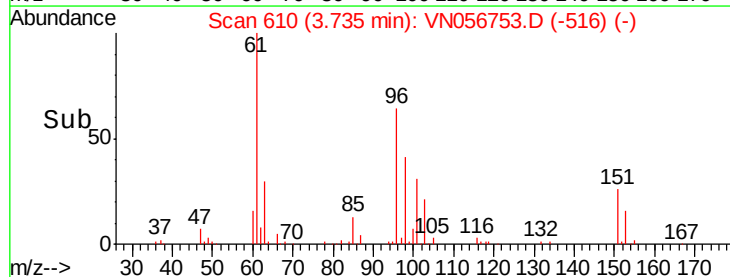
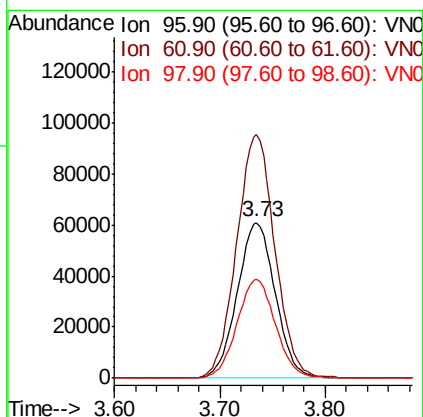
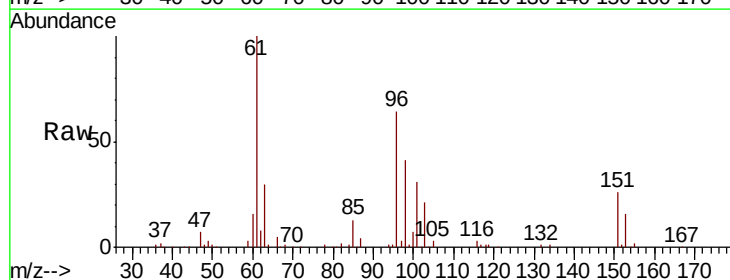
Tot Ion: 59 Resp: 130078
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.0 12.0

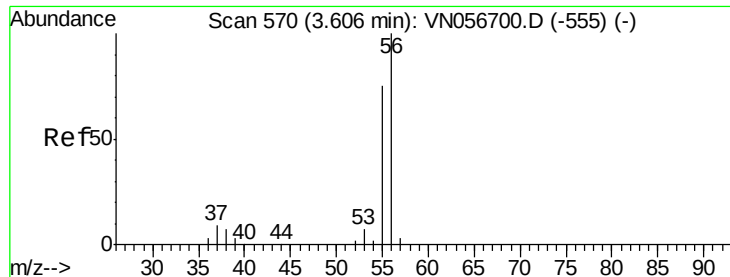


#12

1,1-Dichloroethene
 Concen: 45.812 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN056753.D
 Acq: 16 Jul 2019 8:56

Tgt Ion: 96 Resp: 152907
 Ion Ratio Lower Upper
 96 100
 61 156.3 126.6 189.8
 98 63.7 51.4 77.2





#13

Acrolein

Concen: 219.223 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

Instrument :

MSVOA_N

ClientSampleId :

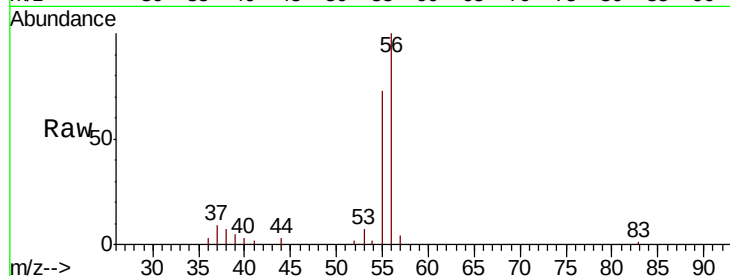
VSTDCCC050

Tot Ion: 56 Resp: 48641

Ion Ratio Lower Upper

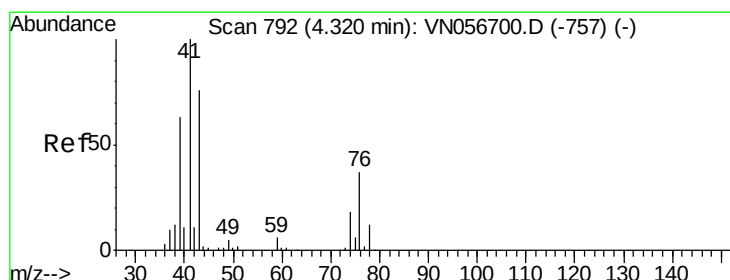
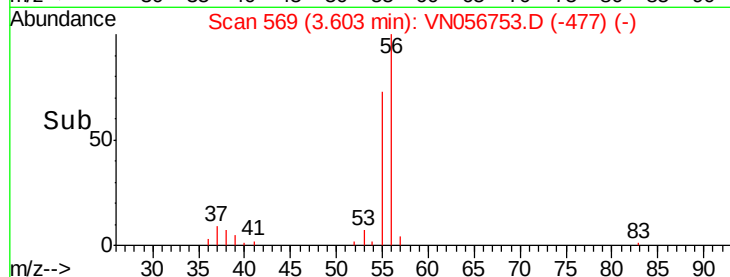
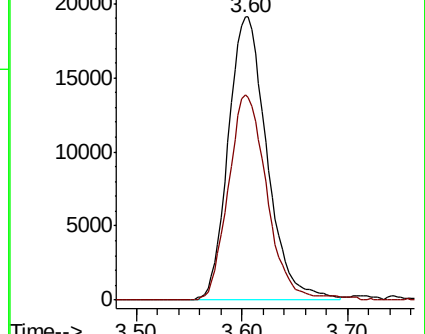
56 100

55 72.3 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 45.326 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

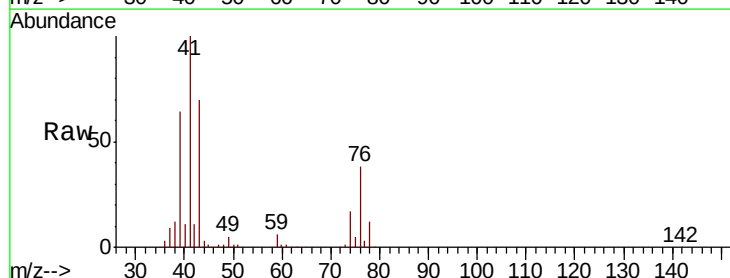
Tgt Ion: 41 Resp: 261627

Ion Ratio Lower Upper

41 100

39 58.7 46.9 70.3

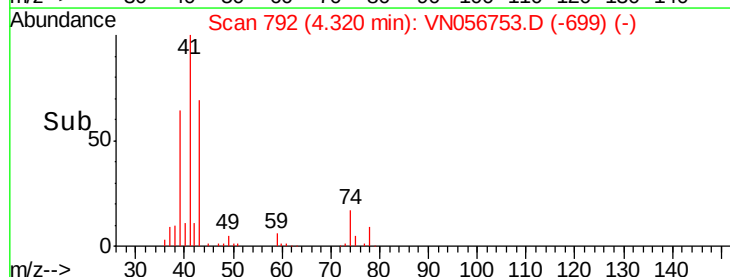
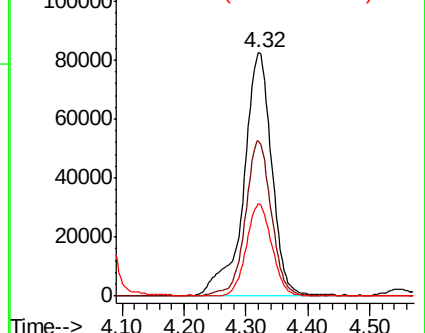
76 33.4 26.5 39.7

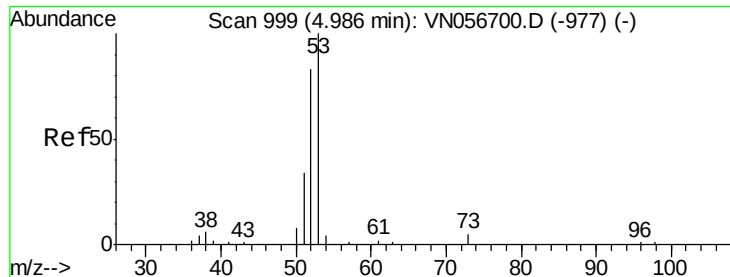


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 218.510 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

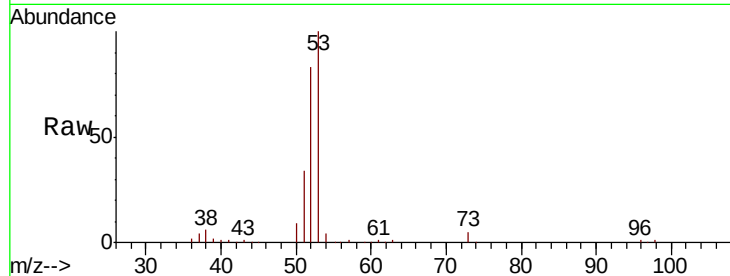
Tot Ion: 53 Resp: 412510

Ion Ratio Lower Upper

53 100

52 82.3 66.6 99.8

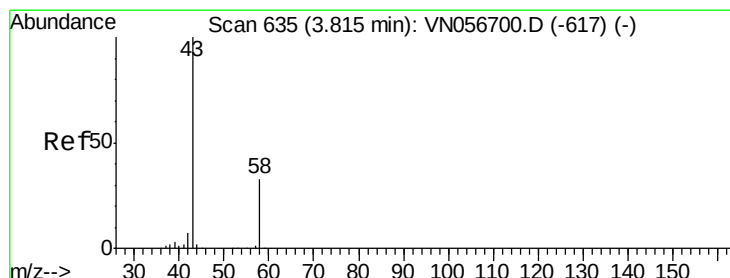
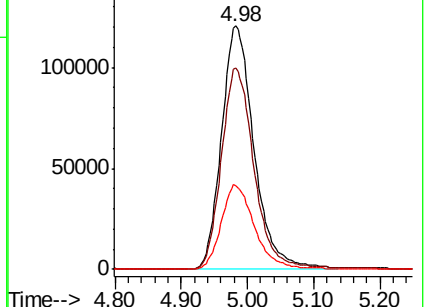
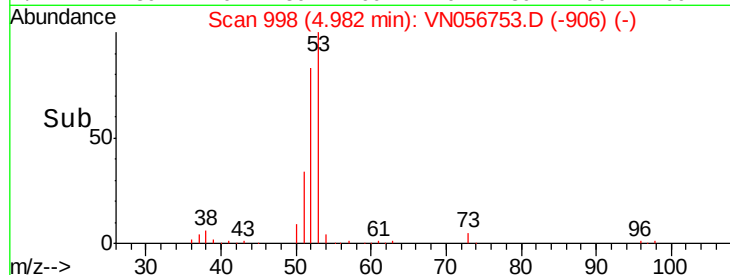
51 35.6 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VN056753.D (-906) (-)

Ion 52.00 (51.70 to 52.70): VN056753.D (-906) (-)

Ion 51.00 (50.70 to 51.70): VN056753.D (-906) (-)



#16

Acetone

Concen: 255.199 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN056753.D

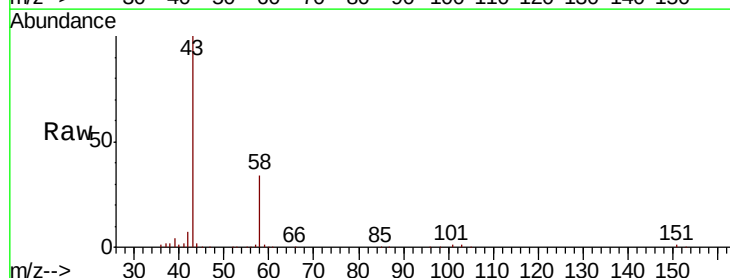
Acq: 16 Jul 2019 8:56

Tgt Ion: 43 Resp: 461870

Ion Ratio Lower Upper

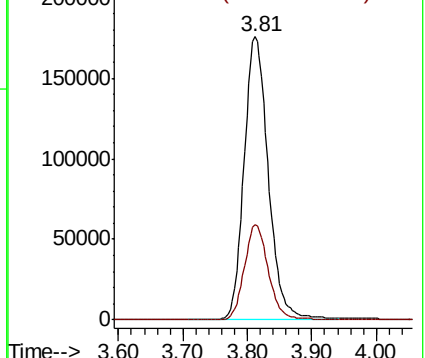
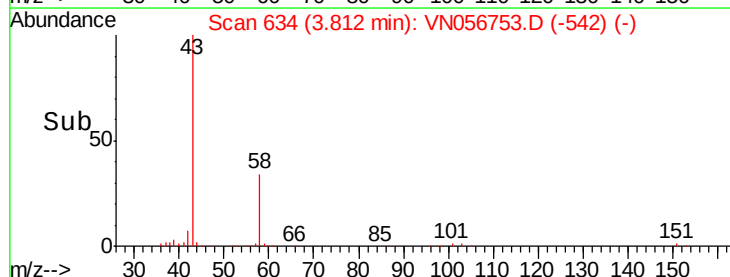
43 100

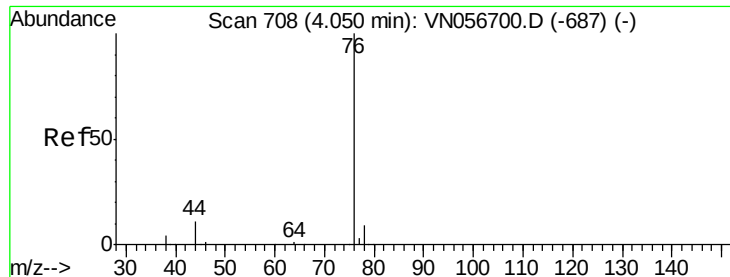
58 33.7 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN056753.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN056753.D (-542) (-)

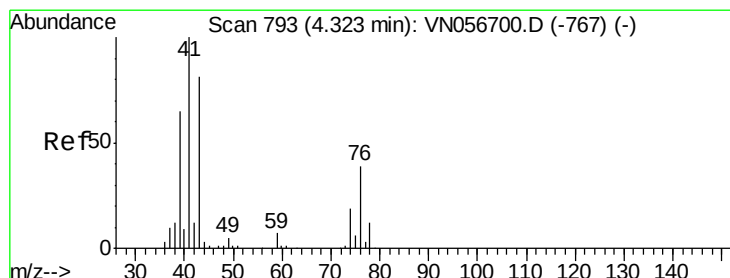
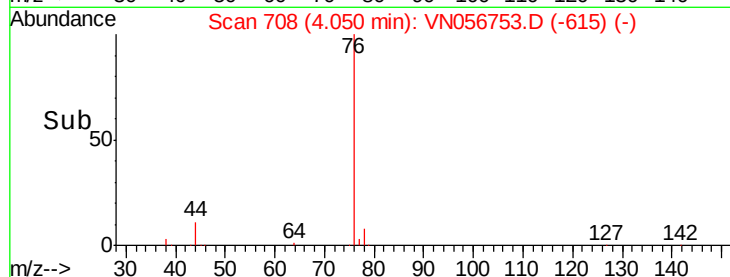
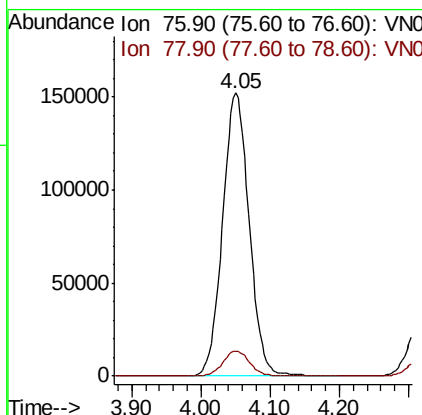
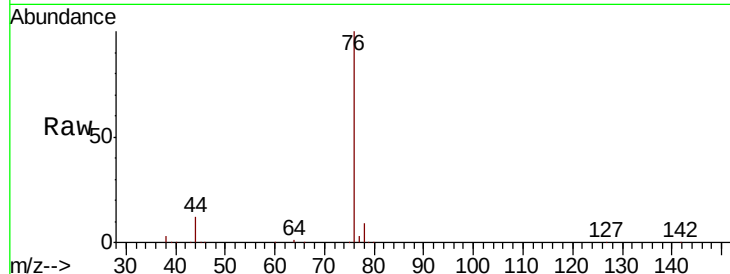




#17
Carbon Disulfide
Concen: 46.094 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

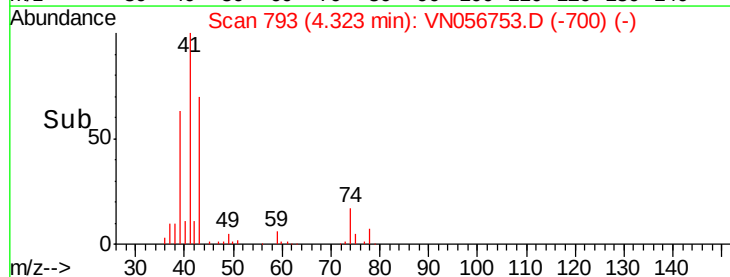
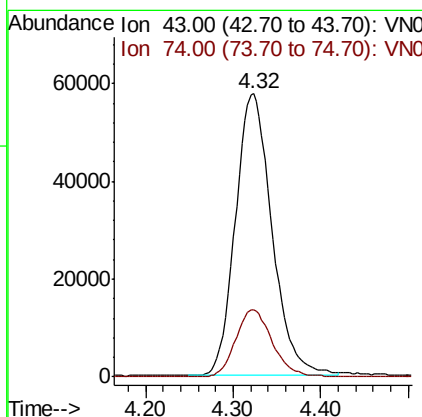
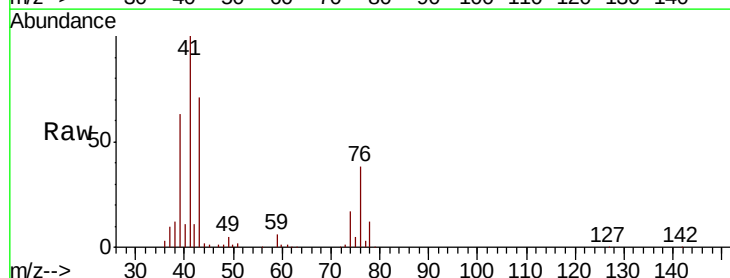
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

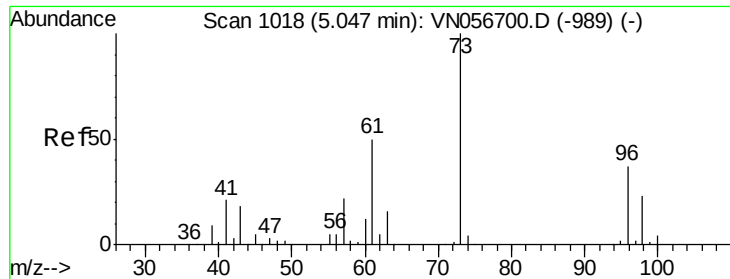
Tot Ion: 76 Resp: 406551
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 41.065 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

Tgt Ion: 43 Resp: 167629
Ion Ratio Lower Upper
43 100
74 23.9 18.9 28.3

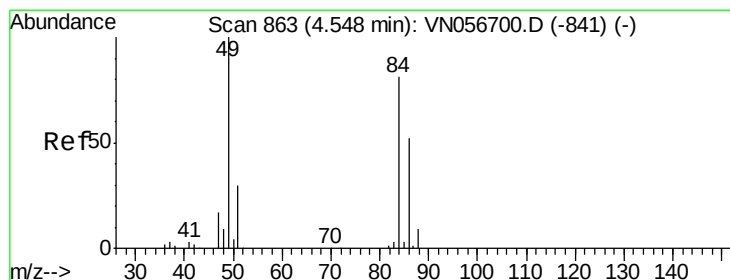
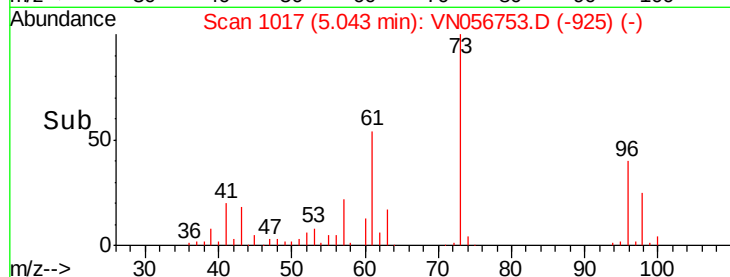
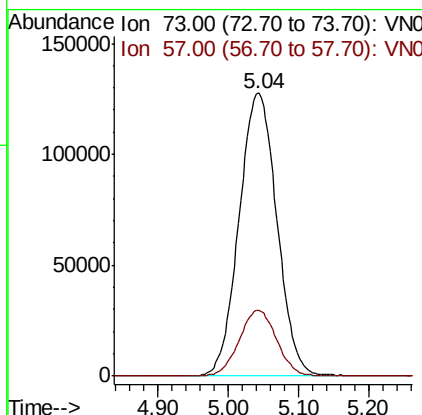
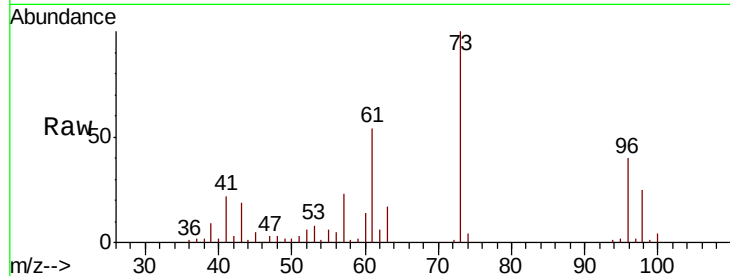




#19
Methyl tert-butyl Ether
Concen: 44.915 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

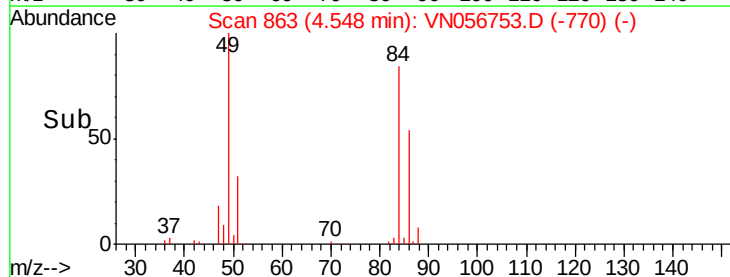
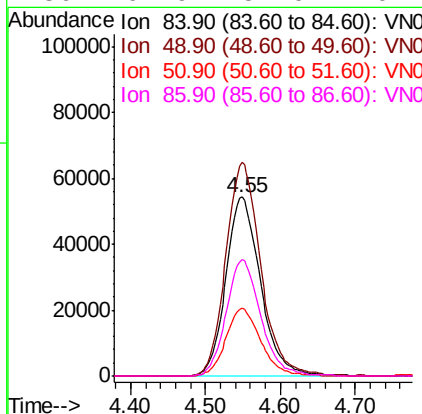
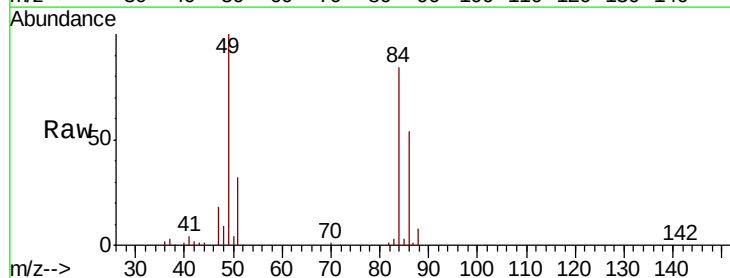
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

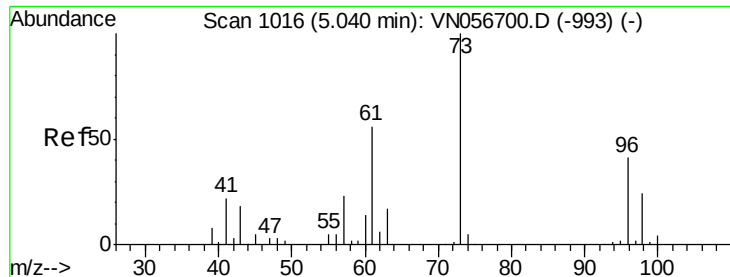
Tot Ion: 73 Resp: 477654
Ion Ratio Lower Upper
73 100
57 23.3 17.9 26.9



#20
Methylene Chloride
Concen: 44.201 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

Tgt Ion: 84 Resp: 174817
Ion Ratio Lower Upper
84 100
49 119.5 98.2 147.4
51 37.7 29.6 44.4
86 64.9 51.0 76.4

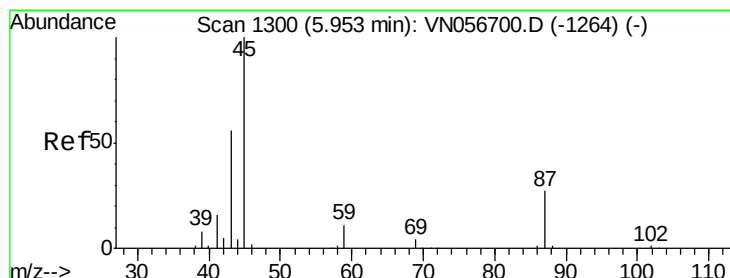
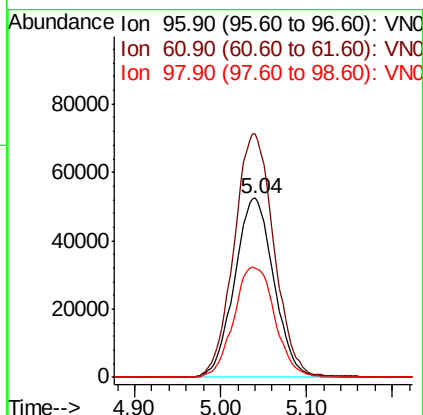
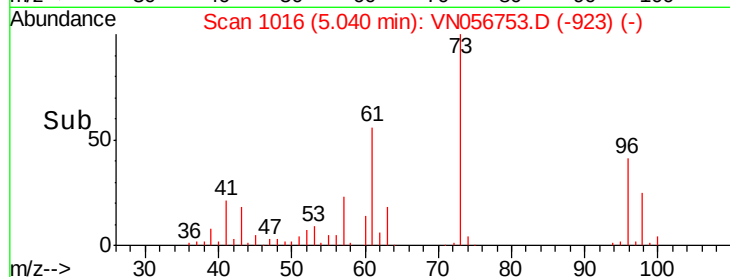
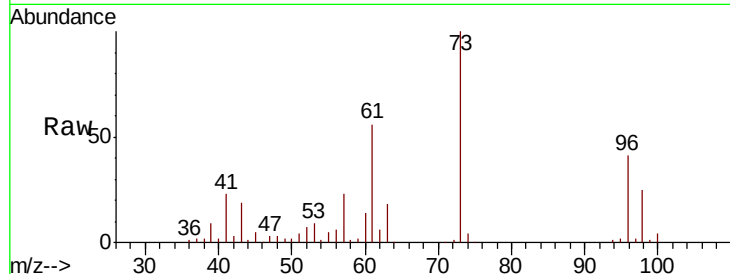




#21
trans-1,2-Dichloroethene
Concen: 47.315 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

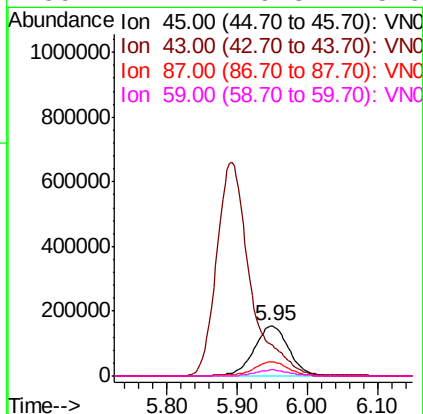
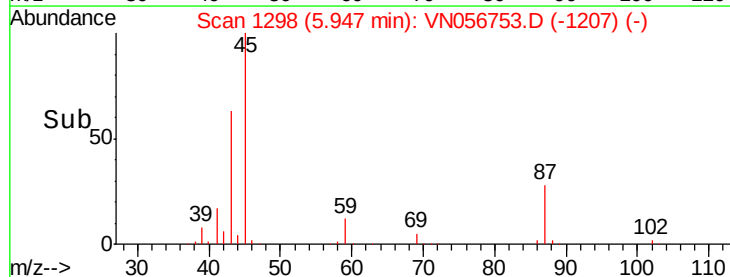
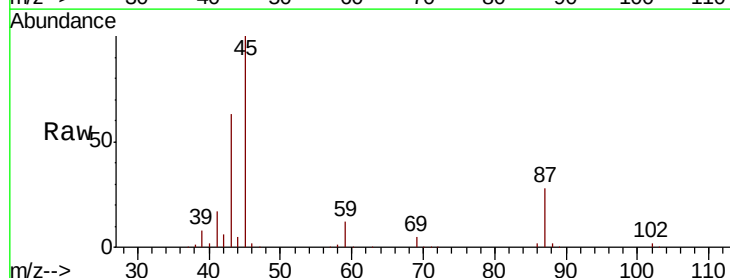
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

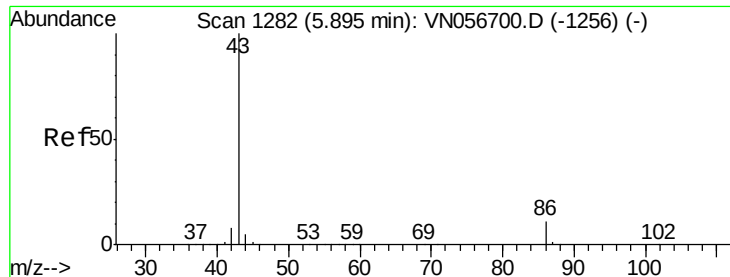
Tot Ion: 96 Resp: 166933
Ion Ratio Lower Upper
96 100
61 135.6 109.4 164.2
98 61.0 48.0 72.0



#22
Diisopropyl ether
Concen: 46.578 ug/l
RT: 5.95 min Scan# 1298
Delta R.T. -0.01 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

Tgt Ion: 45 Resp: 530680
Ion Ratio Lower Upper
45 100
43 61.8 45.6 68.4
87 27.8 22.0 33.0
59 11.4 9.3 13.9





#23

Vinyl Acetate

Concen: 238.609 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

Instrument :

MSVOA_N

ClientSampleId :

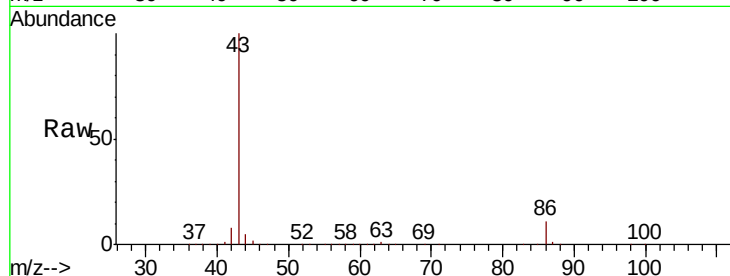
VSTDCCC050

Tot Ion: 43 Resp: 2202980

Ion Ratio Lower Upper

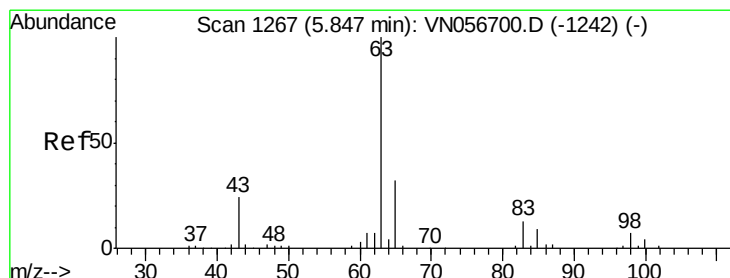
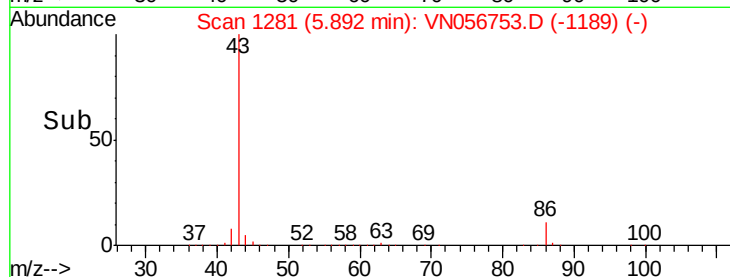
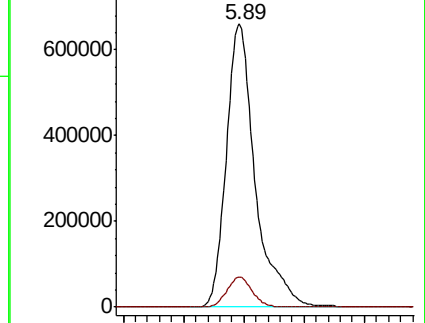
43 100

86 10.6 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 45.745 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

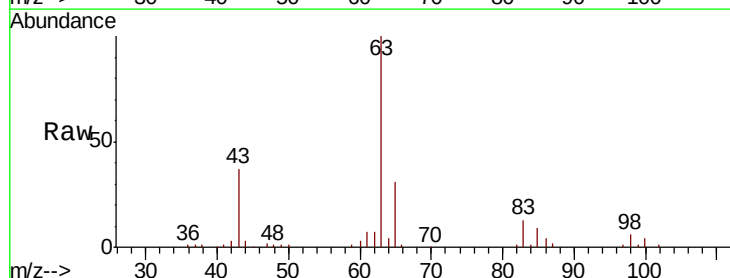
Tgt Ion: 63 Resp: 302176

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.9

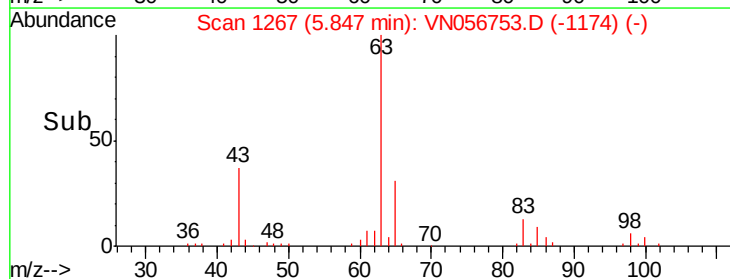
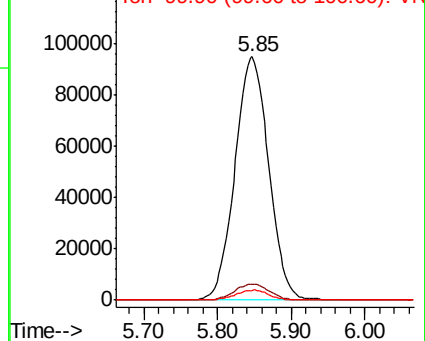
100 4.1 2.0 5.8

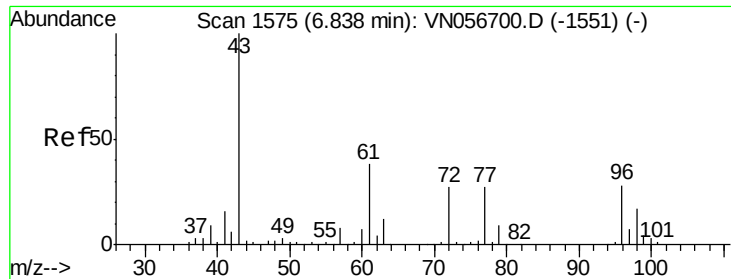


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 228.271 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.01 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

Instrument :

MSVOA_N

ClientSampleId :

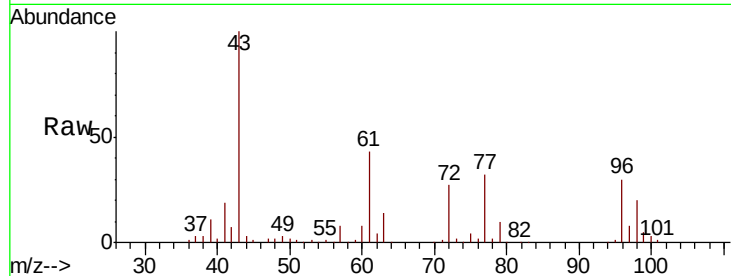
VSTDCCC050

Tot Ion: 43 Resp: 604006

Ion Ratio Lower Upper

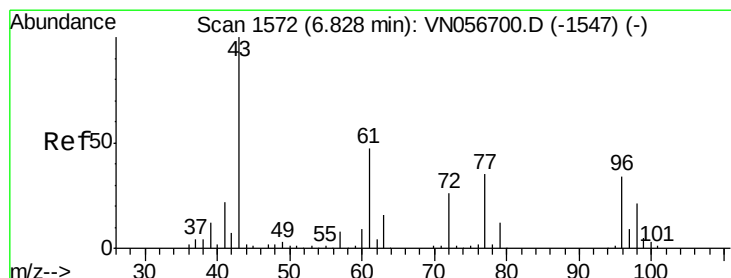
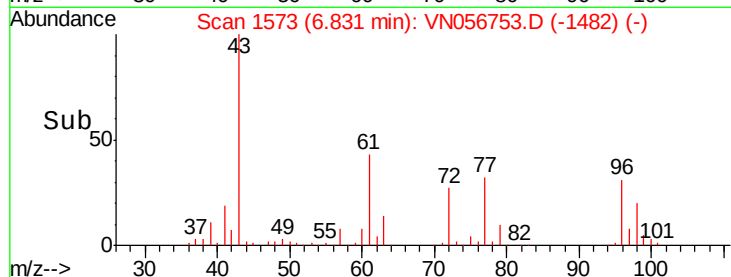
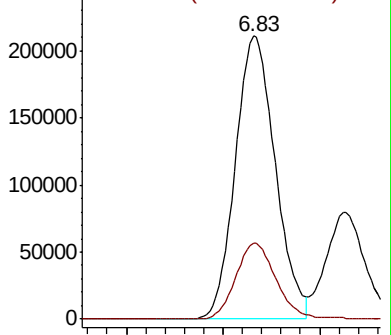
43 100

72 26.7 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 47.951 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056753.D

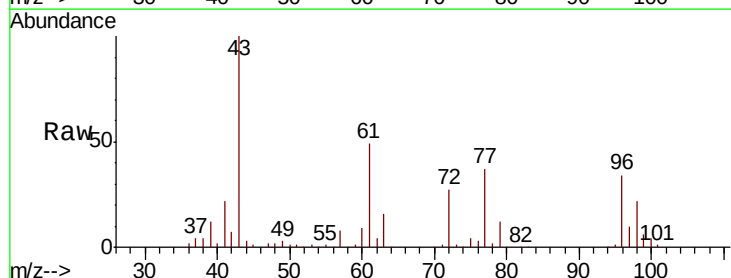
Acq: 16 Jul 2019 8:56

Tgt Ion: 77 Resp: 228386

Ion Ratio Lower Upper

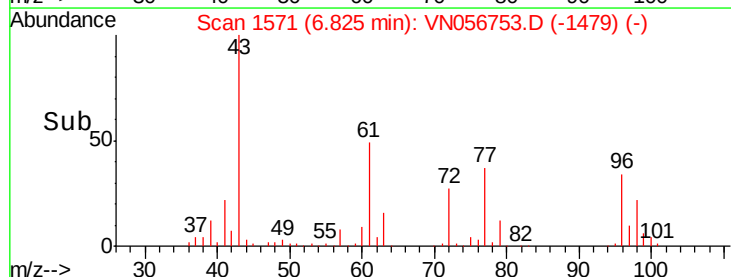
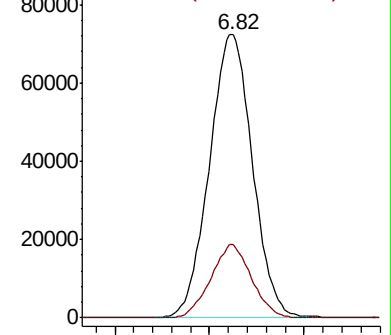
77 100

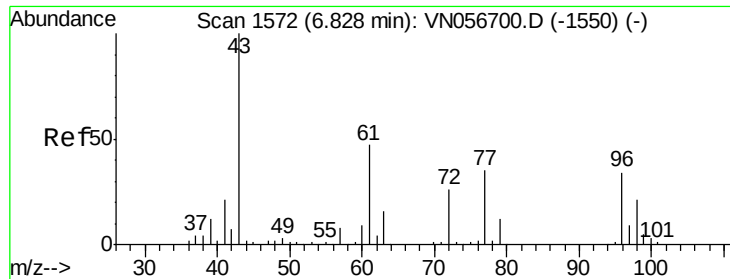
97 24.5 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

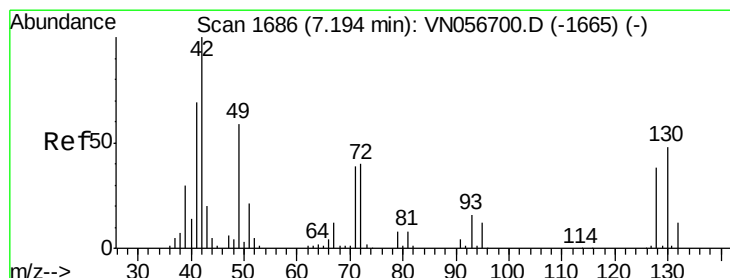
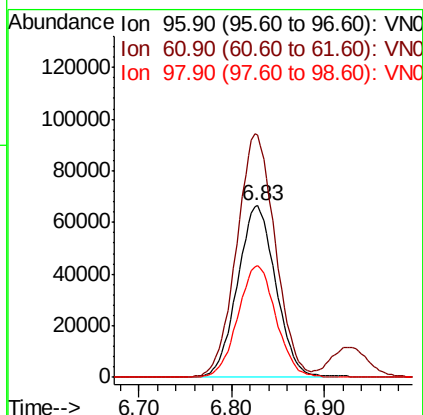
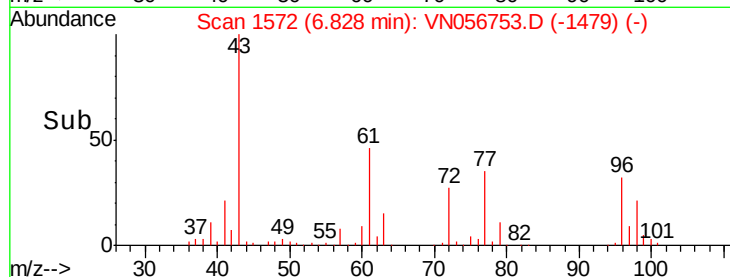
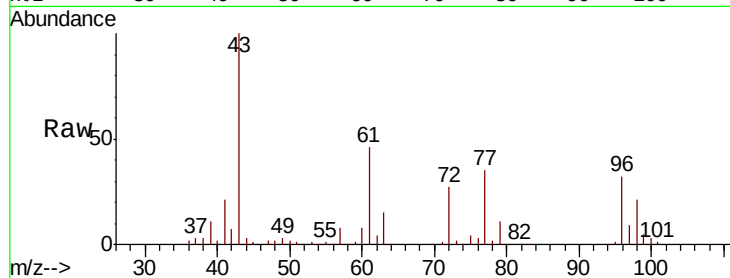




#27
 cis-1,2-Dichloroethene
 Concen: 47.044 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN056753.D
 Acq: 16 Jul 2019 8:56

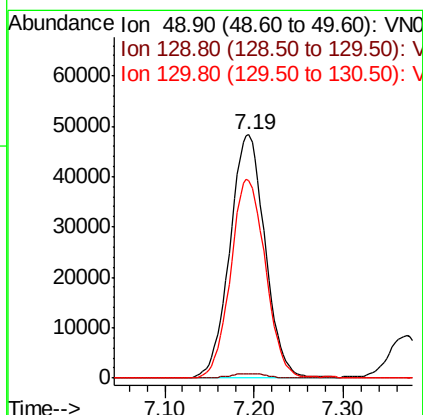
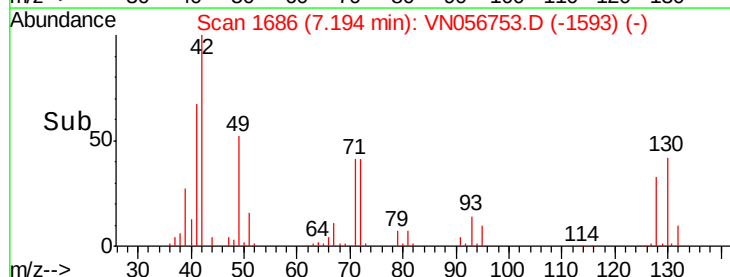
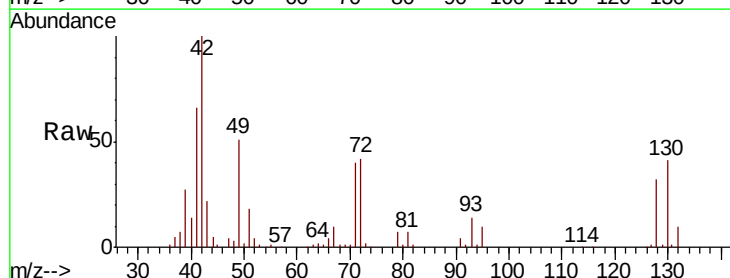
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

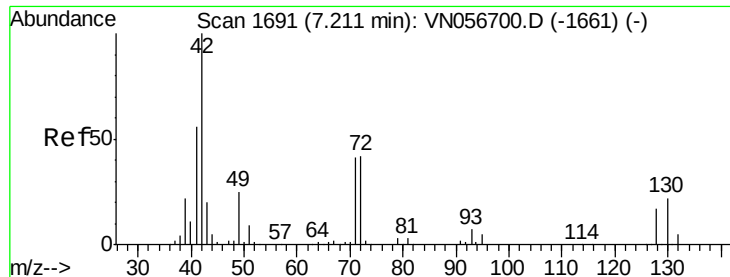
Tot Ion: 96 Resp: 190988
 Ion Ratio Lower Upper
 96 100
 61 142.5 0.0 281.4
 98 64.9 0.0 127.8



#28
 Bromochloromethane
 Concen: 42.643 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN056753.D
 Acq: 16 Jul 2019 8:56

Tgt Ion: 49 Resp: 132441
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 80.7 64.7 97.1

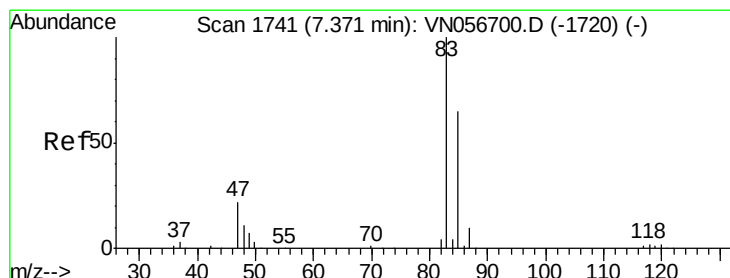
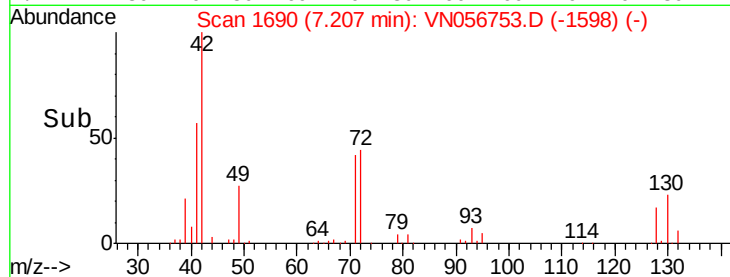
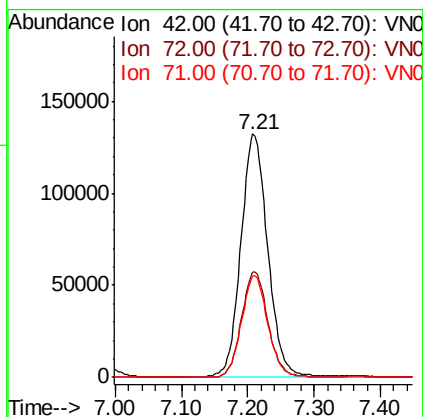
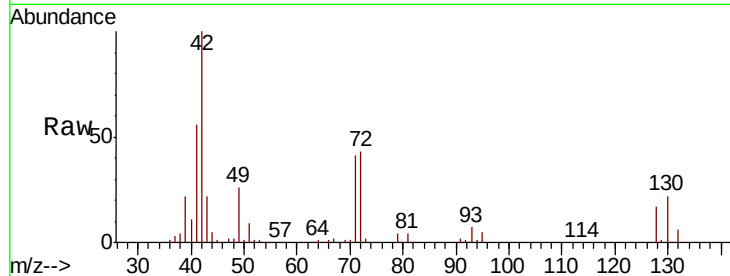




#29
Tetrahydrofuran
Concen: 216.427 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

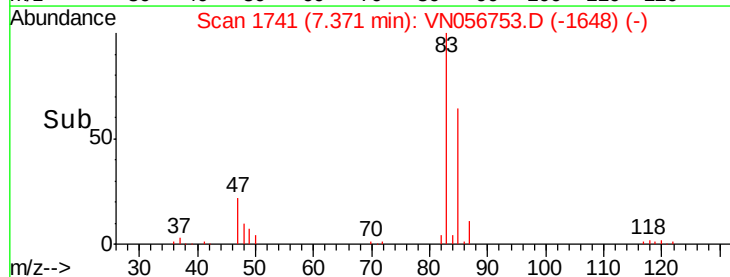
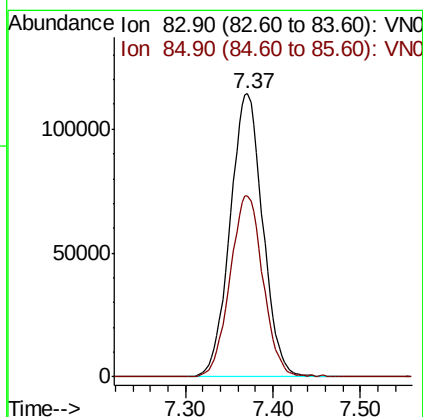
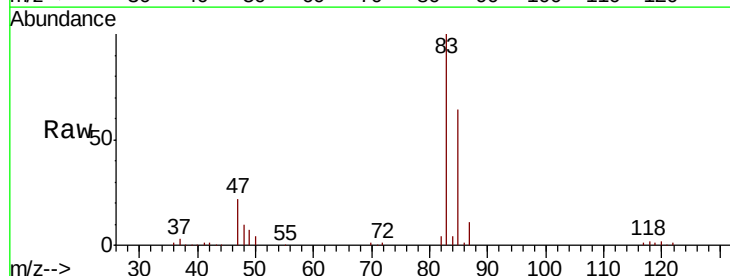
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

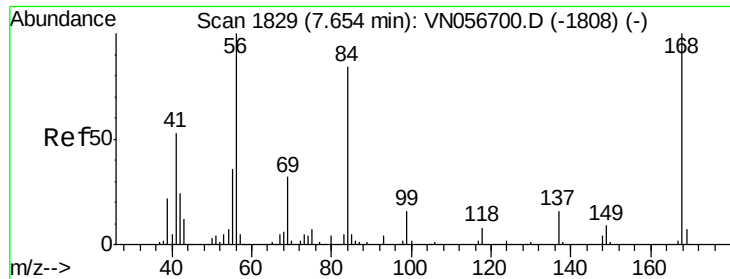
Tot Ion: 42 Resp: 373510
Ion Ratio Lower Upper
42 100
72 42.6 33.5 50.3
71 40.9 31.8 47.8



#30
Chloroform
Concen: 44.810 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

Tgt Ion: 83 Resp: 296200
Ion Ratio Lower Upper
83 100
85 63.9 51.9 77.9

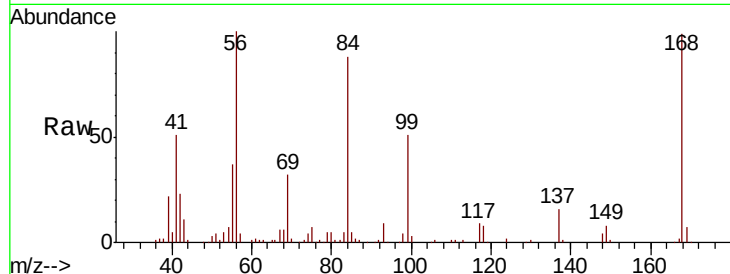




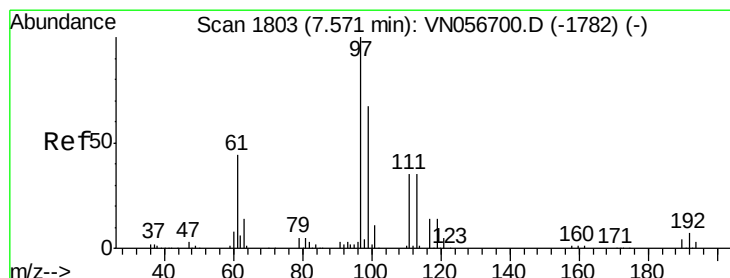
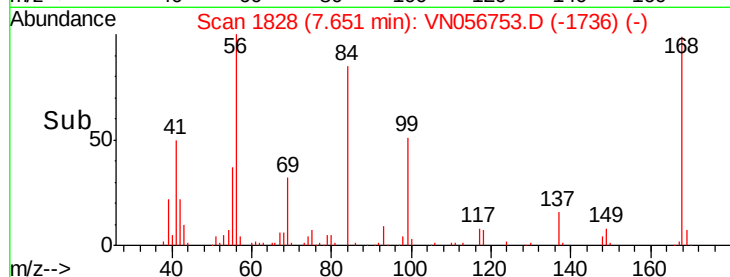
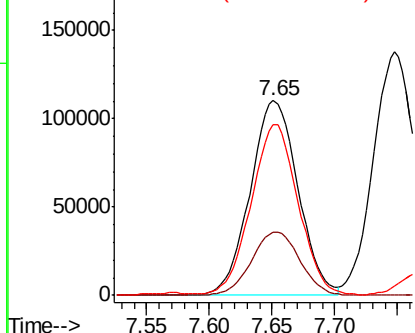
#31
Cyclohexane
Concen: 46.650 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 292886
Ion Ratio Lower Upper
56 100
69 32.4 25.8 38.8
84 86.7 67.4 101.0

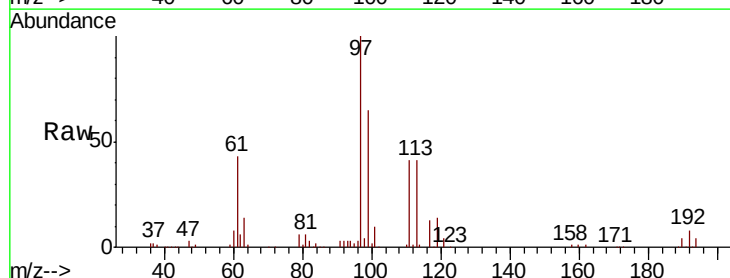


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

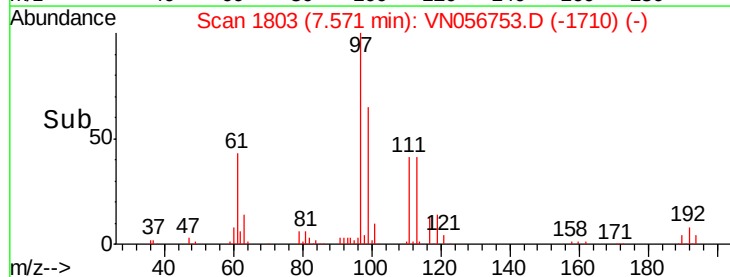
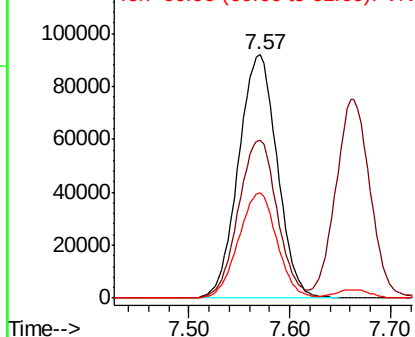


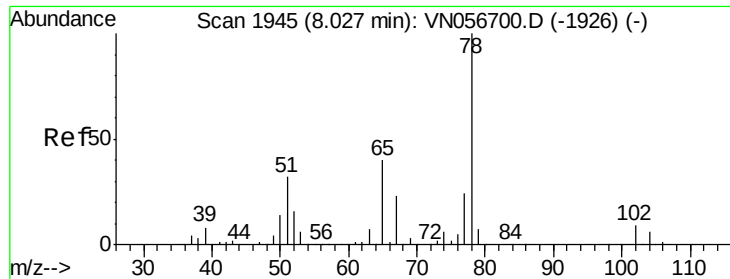
#32
1,1,1-Trichloroethane
Concen: 46.820 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

Tgt Ion: 97 Resp: 244761
Ion Ratio Lower Upper
97 100
99 65.3 52.0 78.0
61 42.9 34.3 51.5



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

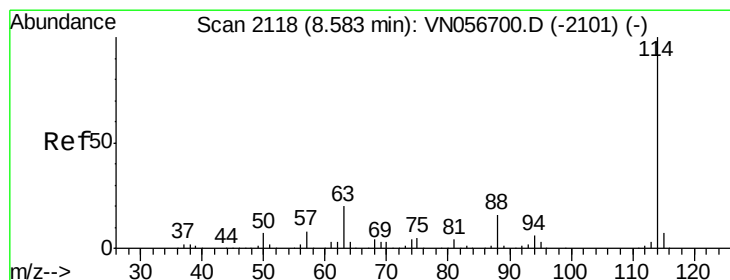
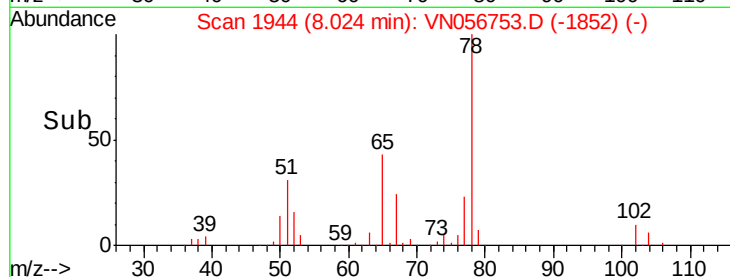
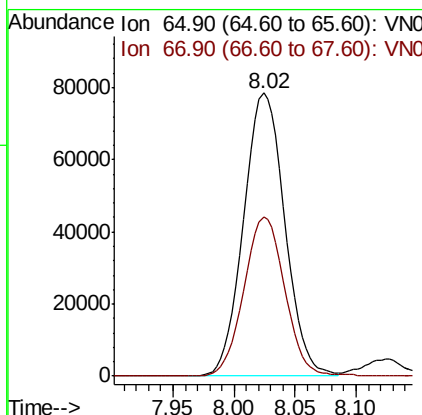
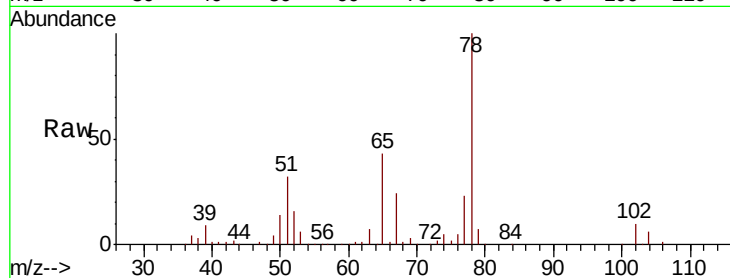




#33
 1,2-Dichloroethane-d4
 Concen: 46.766 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056753.D
 Acq: 16 Jul 2019 8:56

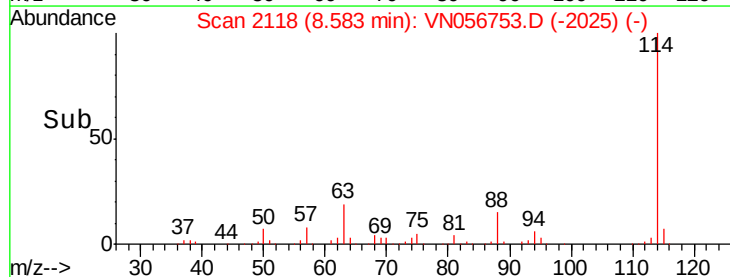
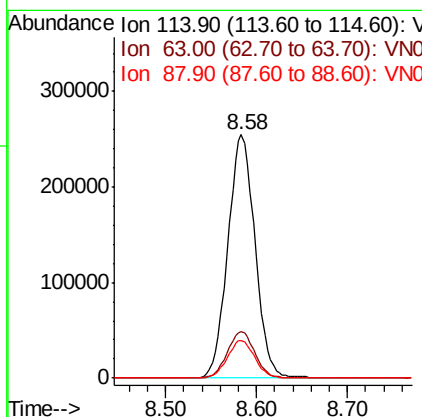
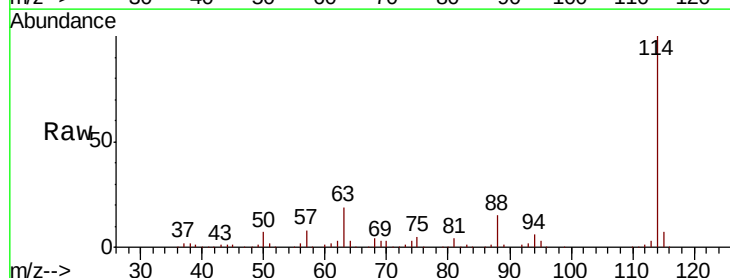
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

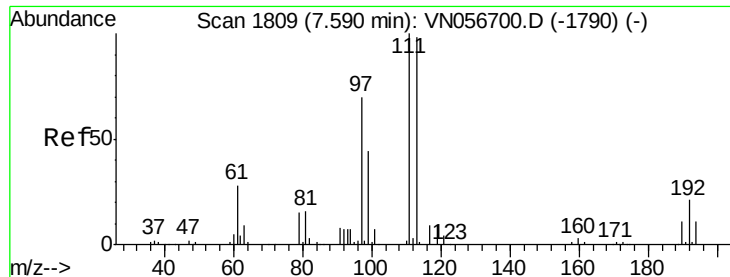
Tot Ion: 65 Resp: 183669
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056753.D
 Acq: 16 Jul 2019 8:56

Tgt Ion: 114 Resp: 529720
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.4
 88 15.5 0.0 31.2

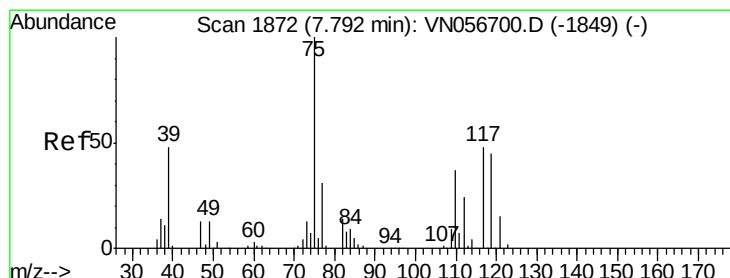
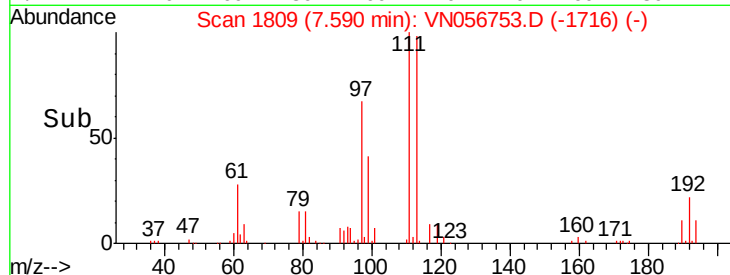
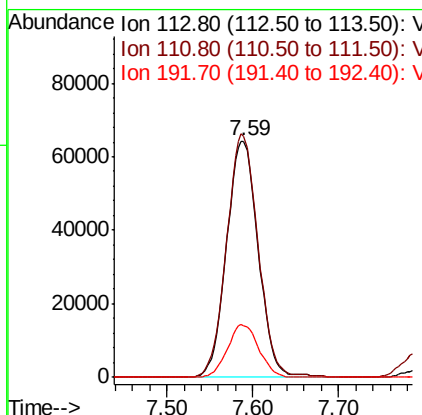
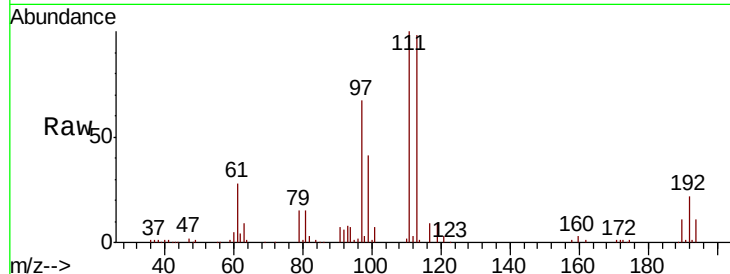




#35
 Dibromofluoromethane
 Concen: 49.838 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056753.D
 Acq: 16 Jul 2019 8:56

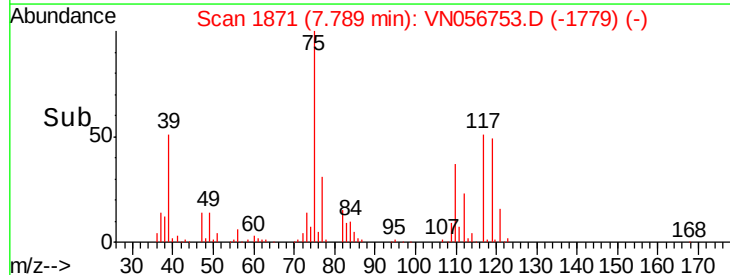
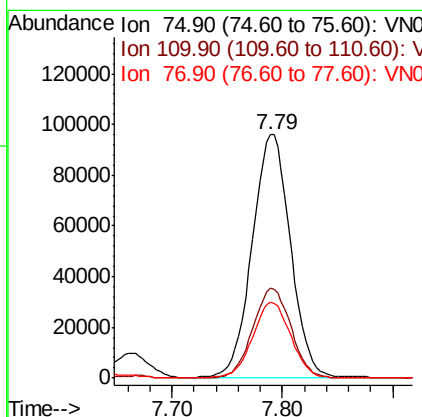
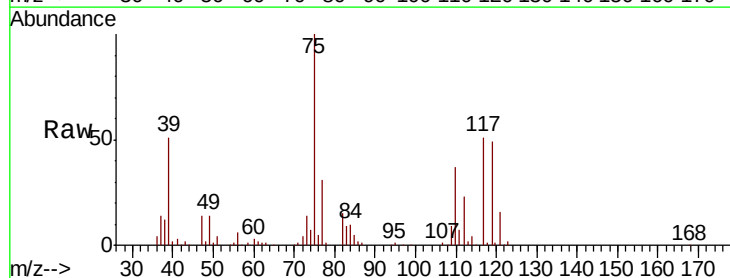
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

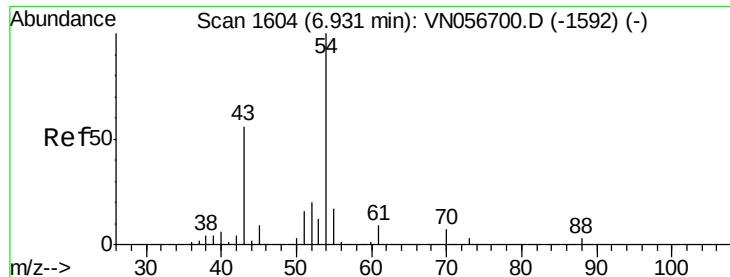
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.6
192	22.0	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 47.074 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056753.D
 Acq: 16 Jul 2019 8:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.4	55.4
77	31.4	24.6	36.8

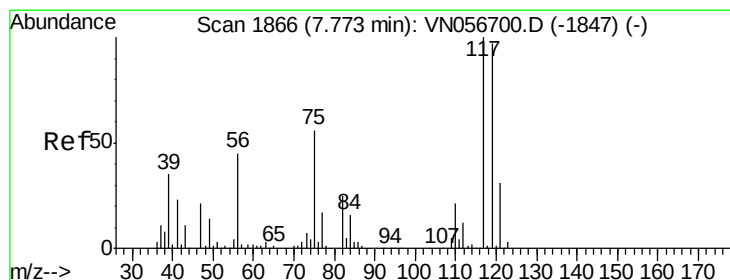
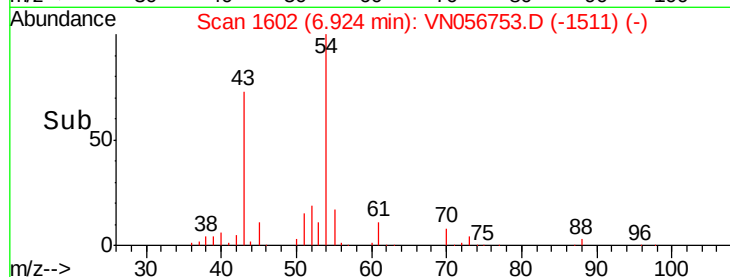
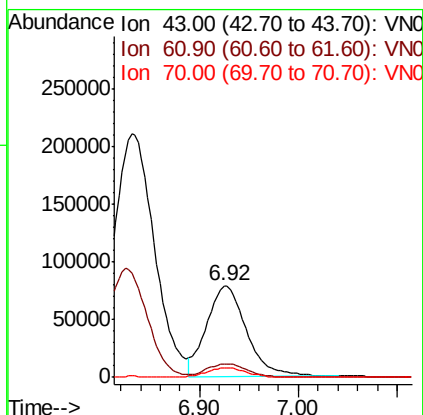
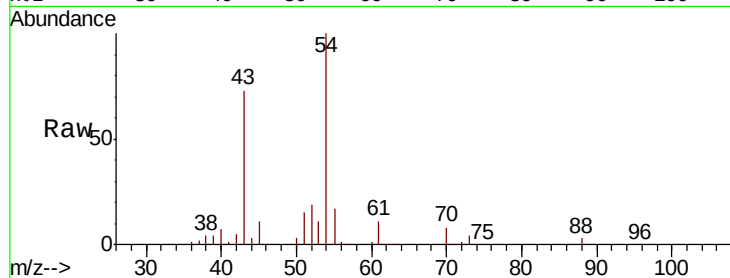




#37
Ethyl Acetate
Concen: 45.802 ug/l
RT: 6.92 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

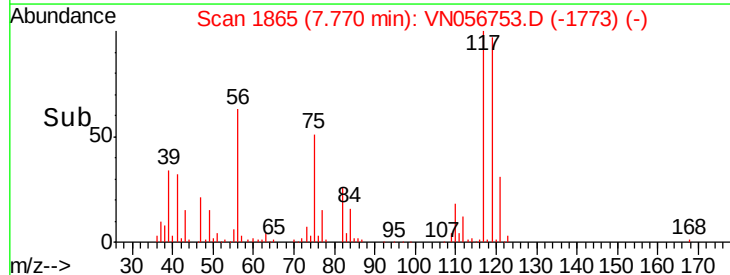
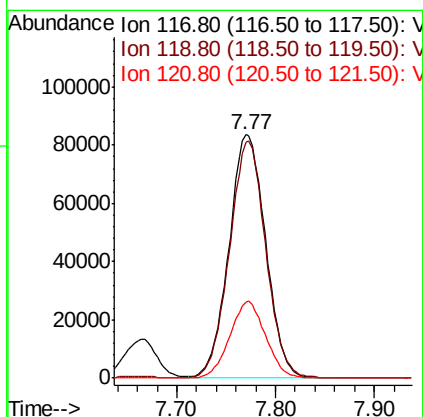
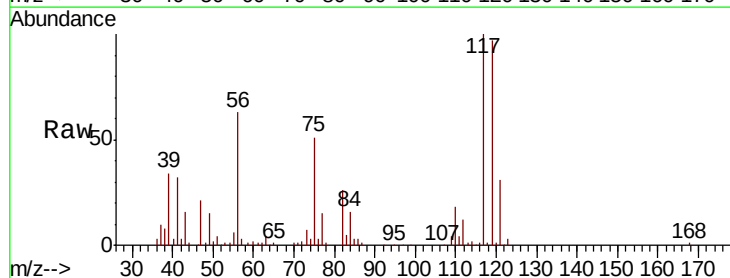
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

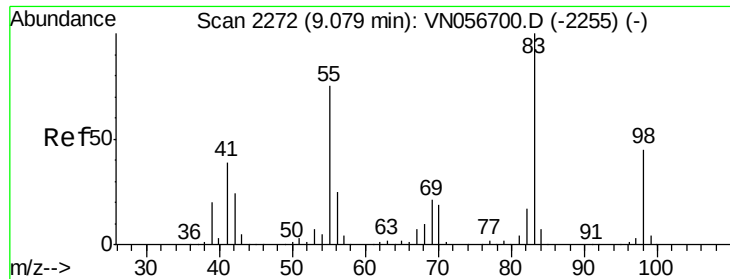
Tot Ion: 43 Resp: 221277
Ion Ratio Lower Upper
43 100
61 14.5 11.3 16.9
70 10.7 8.5 12.7



#38
Carbon Tetrachloride
Concen: 47.139 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

Tgt Ion: 117 Resp: 216696
Ion Ratio Lower Upper
117 100
119 97.1 77.5 116.3
121 31.3 24.7 37.1

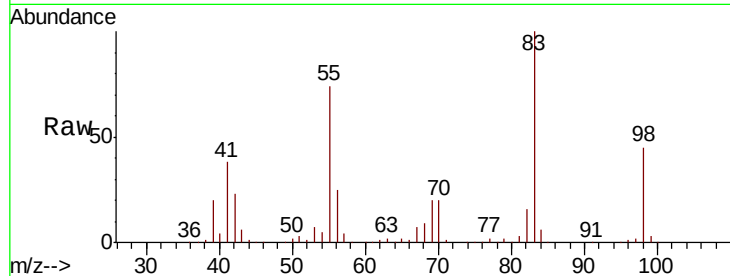




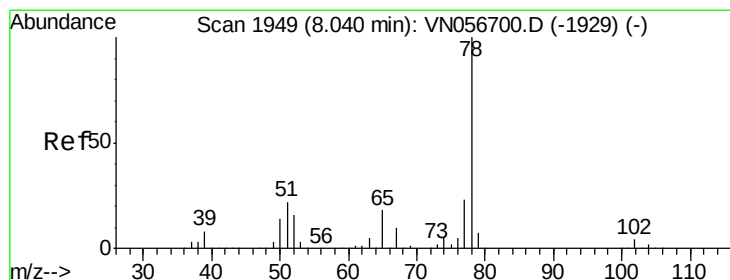
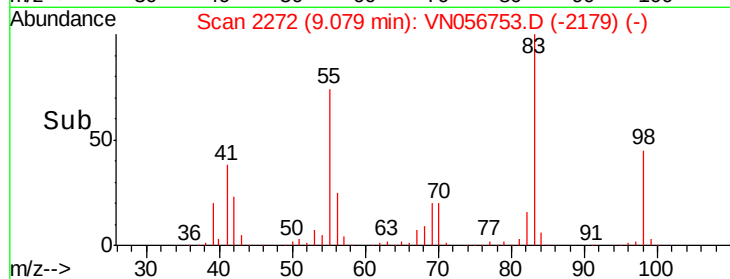
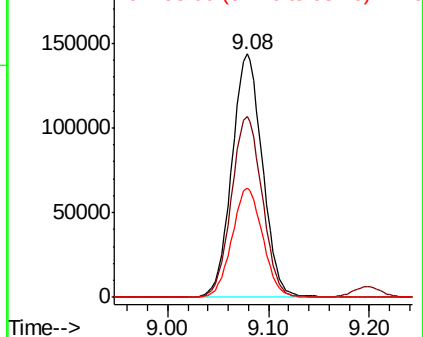
#39
Methylvlcyclohexane
Concen: 49.929 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 302196
Ion Ratio Lower Upper
83 100
55 74.3 60.4 90.6
98 45.1 35.8 53.8

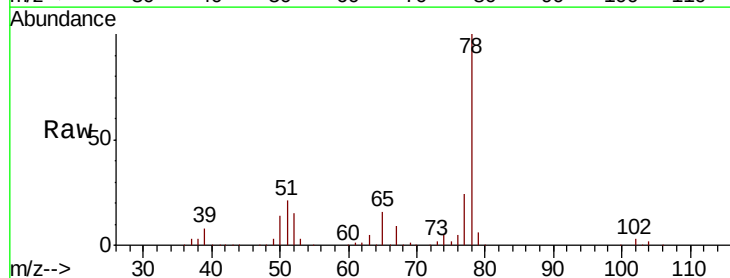


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

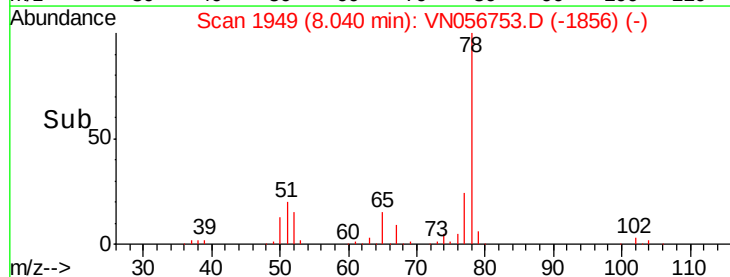
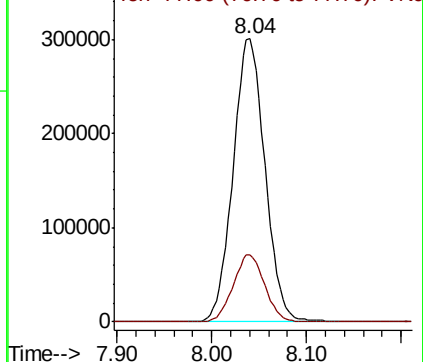


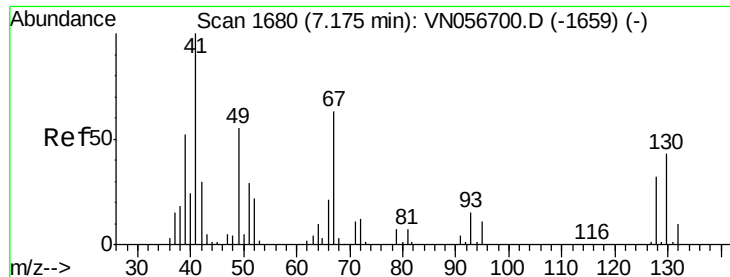
#40
Benzene
Concen: 46.892 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

Tgt Ion: 78 Resp: 704298
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8



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

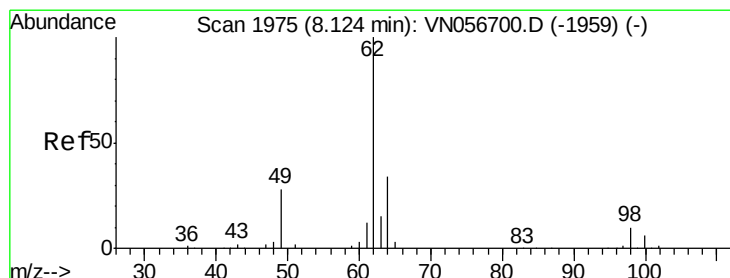
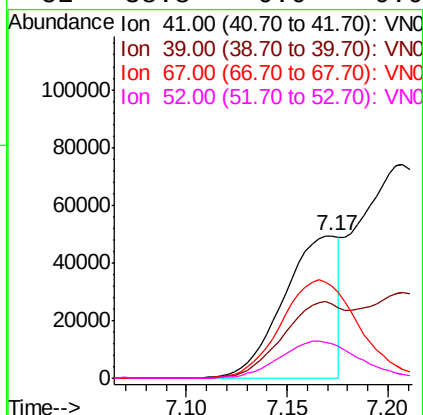
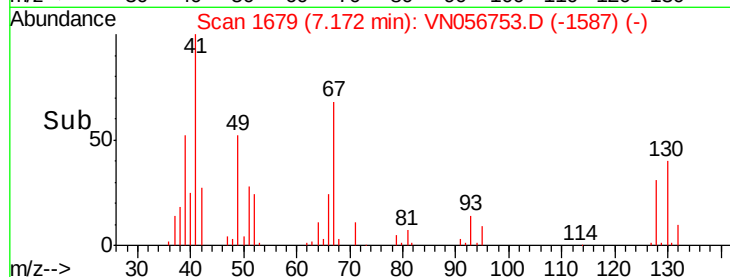
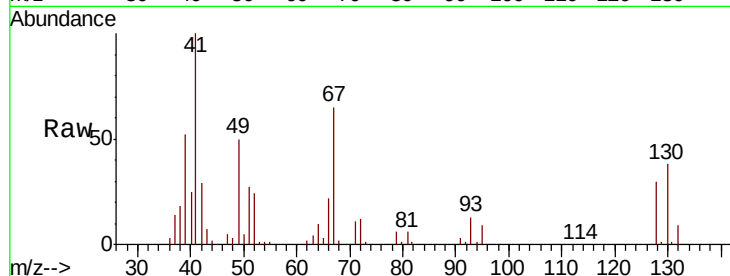




#41
Methacrylonitrile
Concen: 43.885 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

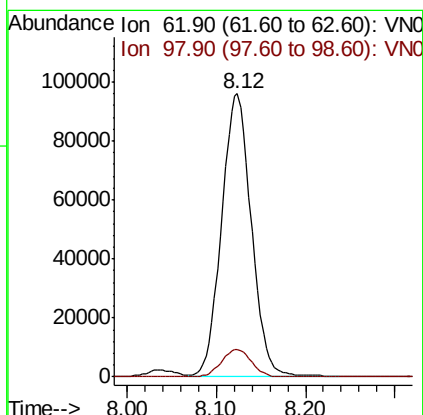
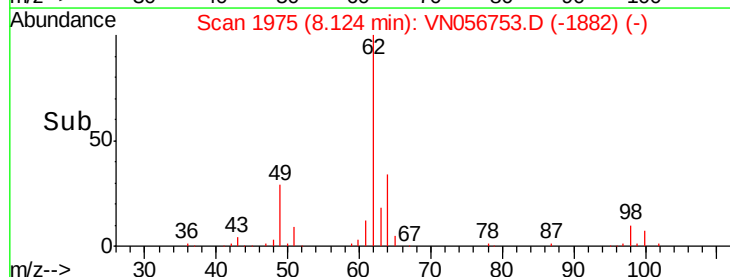
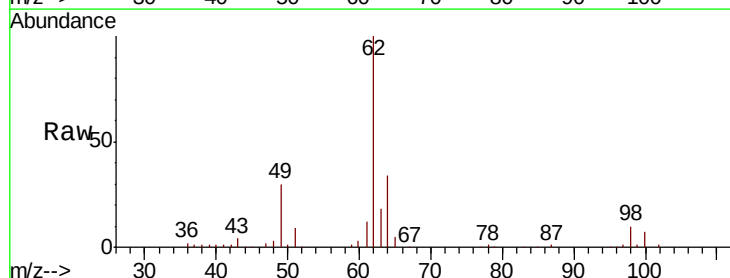
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

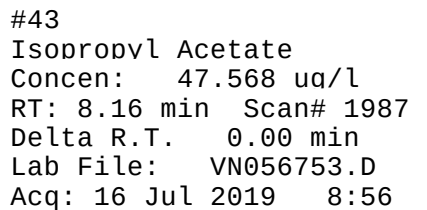
Tot Ion: 41 Resp: 93131
Ion Ratio Lower Upper
41 100
39 63.3 0.0 0.0#
67 98.8 0.0 0.0#
52 38.8 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 46.642 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

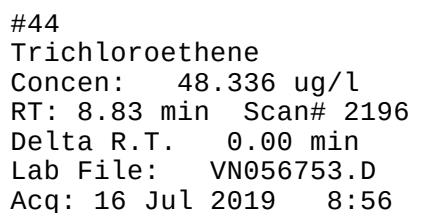
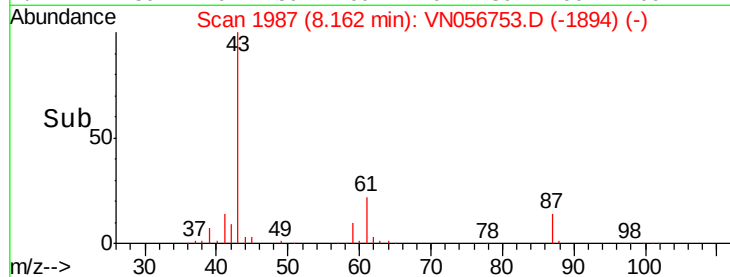
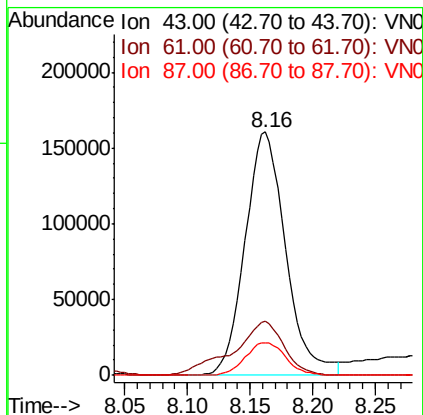
Tgt Ion: 62 Resp: 221404
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.8



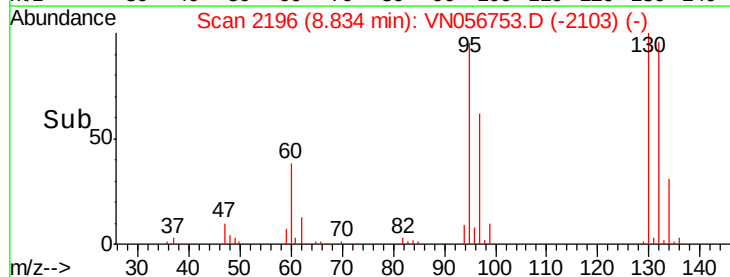
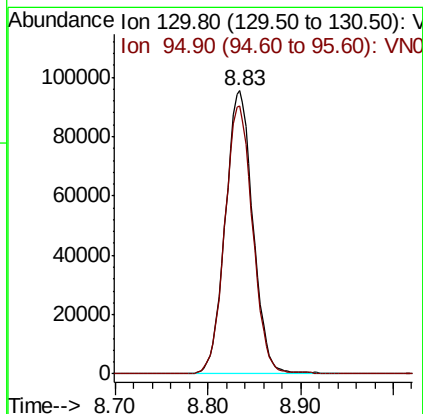


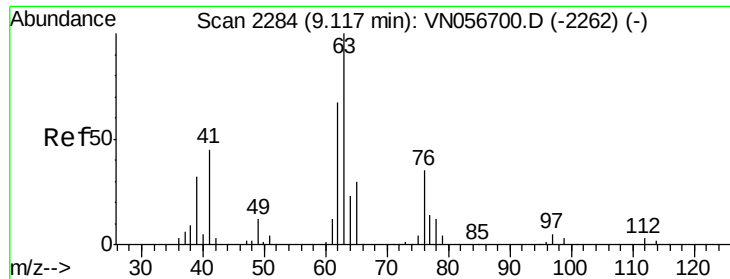
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot	Ion: 43	Resp:	361284
Ion	Ratio	Lower	Upper
43	100		
61	27.6	22.3	33.5
87	13.5	11.1	16.7



Tgt	Ion:130	Resp:	197145
Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	197.2

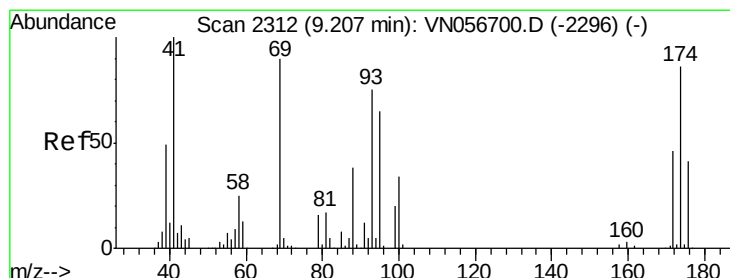
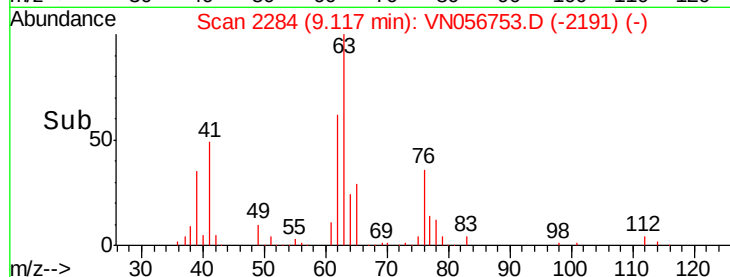
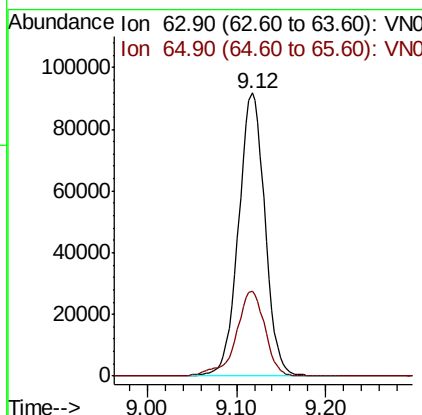
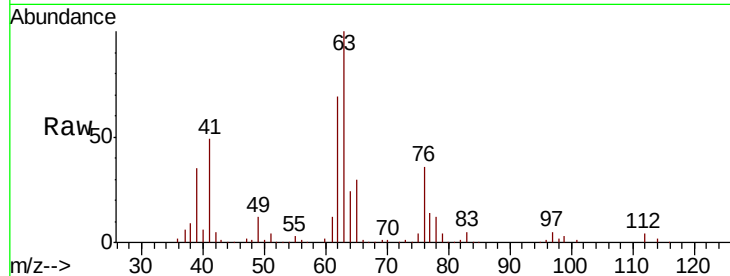




#45
 1,2-Dichloropropane
 Concen: 47.273 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056753.D
 Acq: 16 Jul 2019 8:56

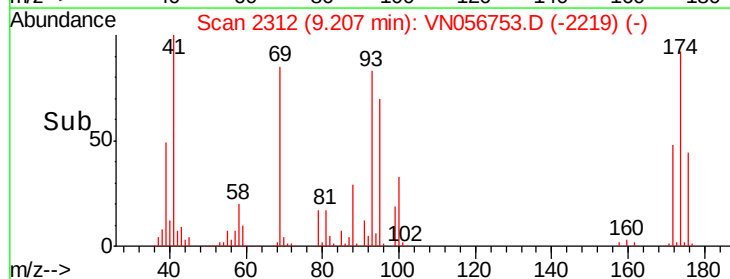
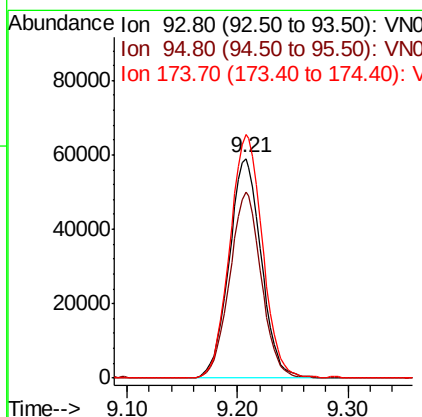
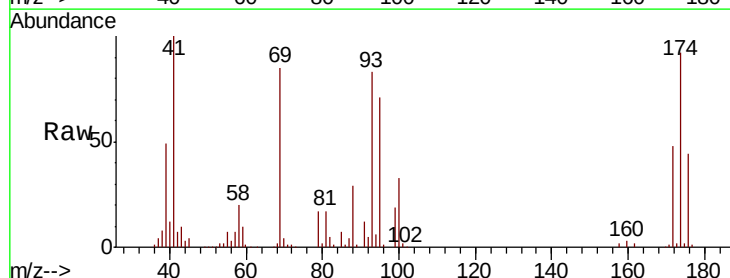
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

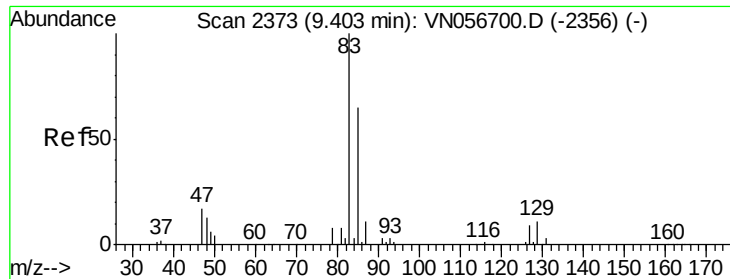
Tot Ion: 63 Resp: 188662
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.0 36.0



#46
 Dibromomethane
 Concen: 48.239 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056753.D
 Acq: 16 Jul 2019 8:56

Tgt Ion: 93 Resp: 119303
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.4 101.0
 174 112.7 90.3 135.5





#47

Bromodichloromethane

Concen: 48.546 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

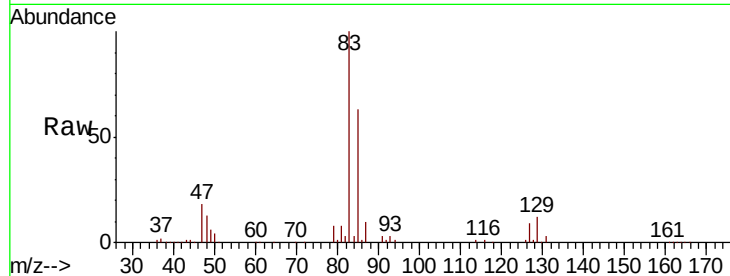
Tot Ion: 83 Resp: 228151

Ion Ratio Lower Upper

83 100

85 63.2 52.3 78.5

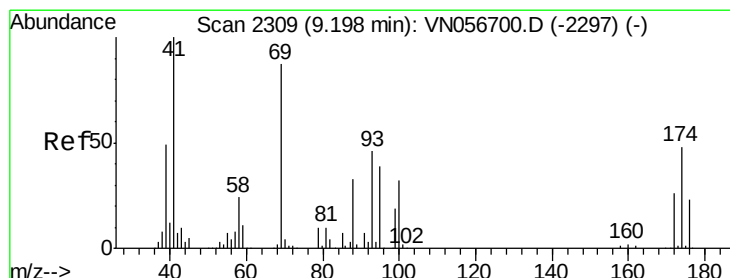
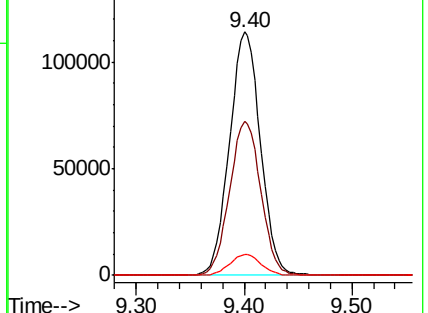
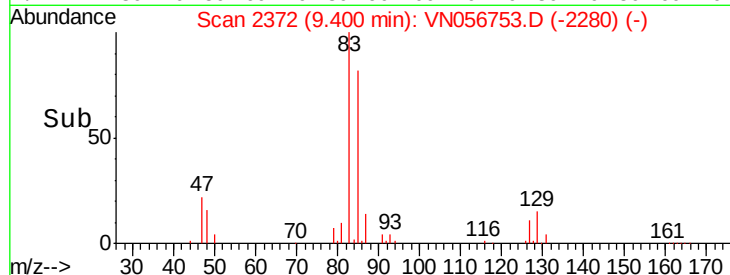
127 8.5 7.6 11.4



Abundance Ion 82.90 (82.60 to 83.60): VN056753.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056753.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056753.D (-2280) (-)



#48

Methyl methacrylate

Concen: 47.479 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

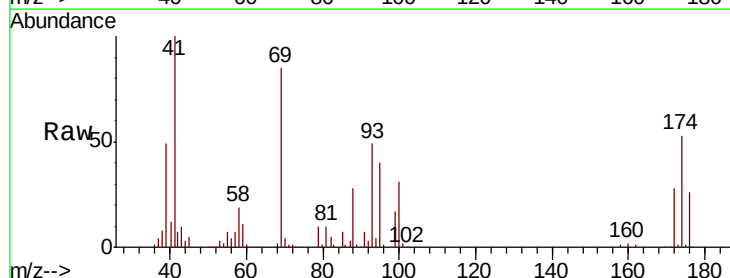
Tgt Ion: 41 Resp: 174395

Ion Ratio Lower Upper

41 100

69 88.6 71.4 107.0

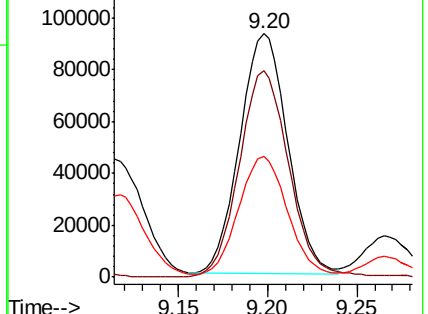
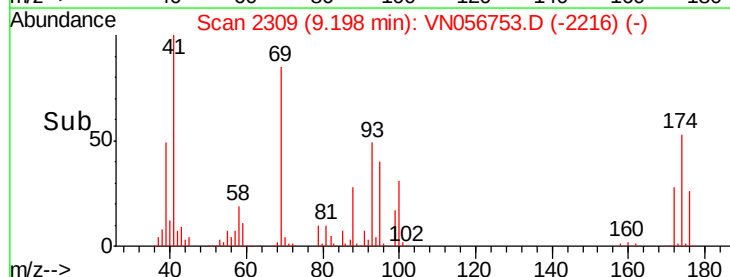
39 51.6 41.2 61.8

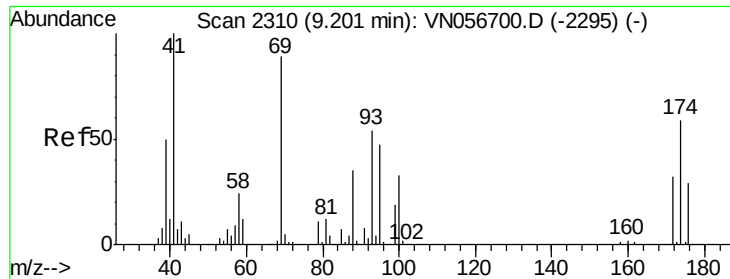


Abundance Ion 41.00 (40.70 to 41.70): VN056753.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056753.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056753.D (-2216) (-)





#49

1,4-Dioxane

Concen: 742.506 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

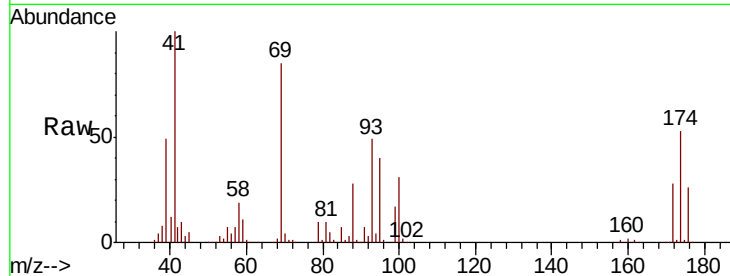
Tot Ion: 88 Resp: 55961

Ion Ratio Lower Upper

88 100

43 30.8 23.7 35.5

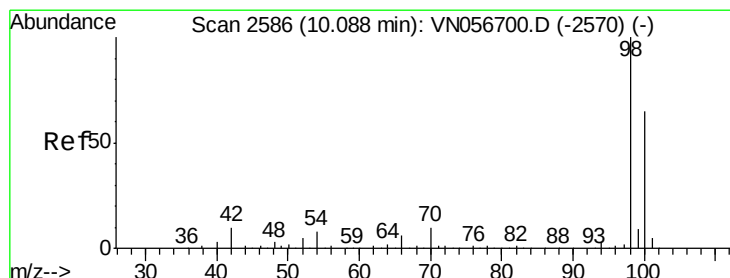
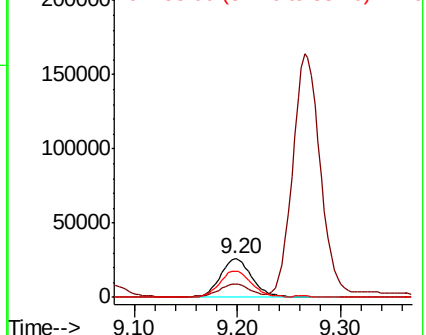
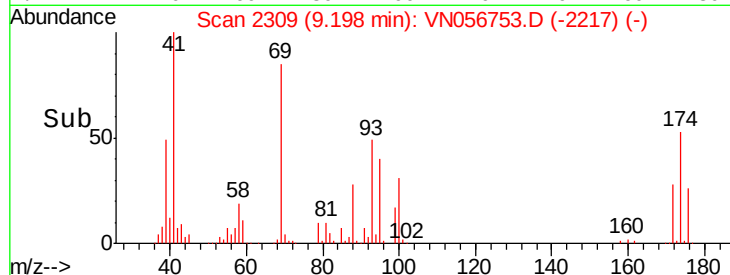
58 68.7 55.6 83.4



Abundance Ion 88.00 (87.70 to 88.70): VN056753.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN056753.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN056753.D (-2217) (-)



#50

Toluene-d8

Concen: 49.951 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056753.D

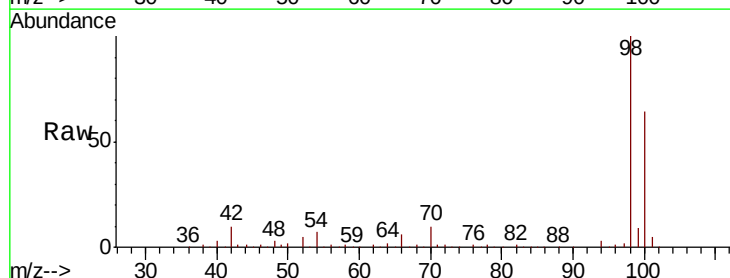
Acq: 16 Jul 2019 8:56

Tgt Ion: 98 Resp: 635984

Ion Ratio Lower Upper

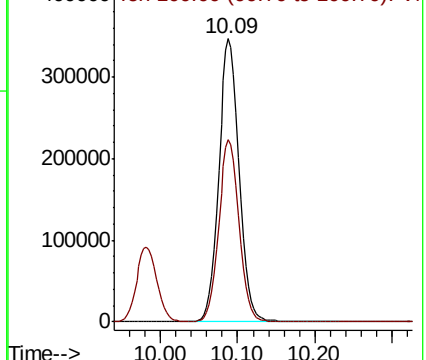
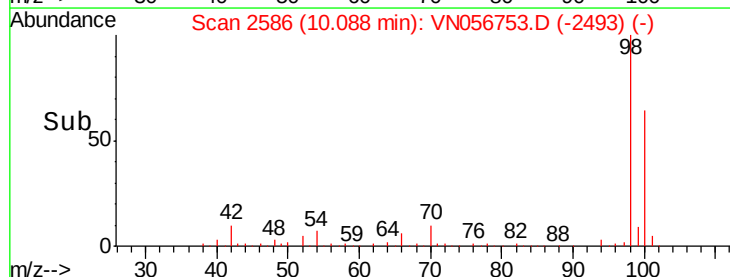
98 100

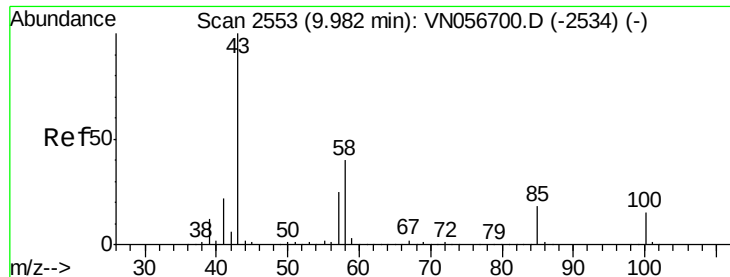
100 64.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056753.D (-2493) (-)

Ion 100.00 (99.70 to 100.70): VN056753.D (-2493) (-)





#51

4-Methyl-2-Pentanone

Concen: 226.193 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

Instrument :

MSVOA_N

ClientSampleId :

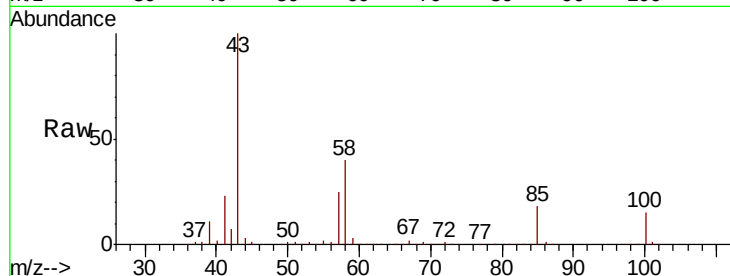
VSTDCCC050

Tot Ion: 43 Resp: 1112694

Ion Ratio Lower Upper

43 100

58 40.1 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

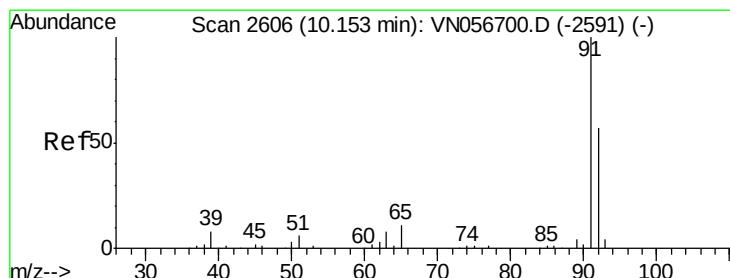
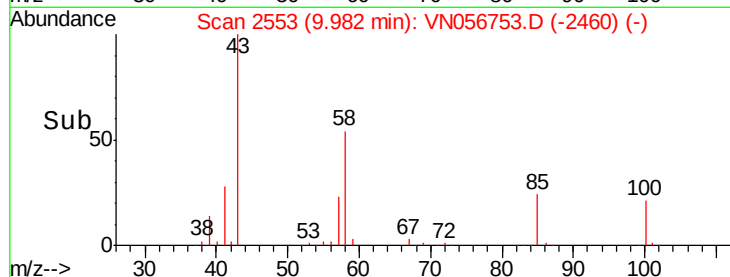
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 48.993 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN056753.D

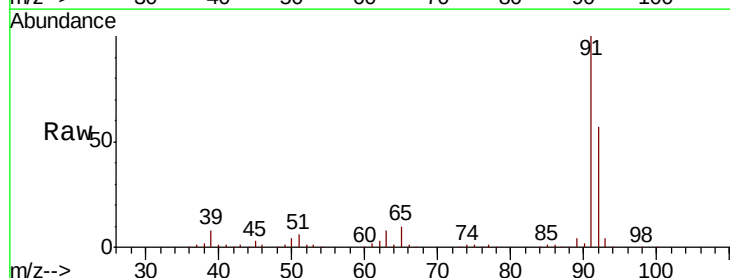
Acq: 16 Jul 2019 8:56

Tgt Ion: 92 Resp: 437002

Ion Ratio Lower Upper

92 100

91 175.3 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.15

400000

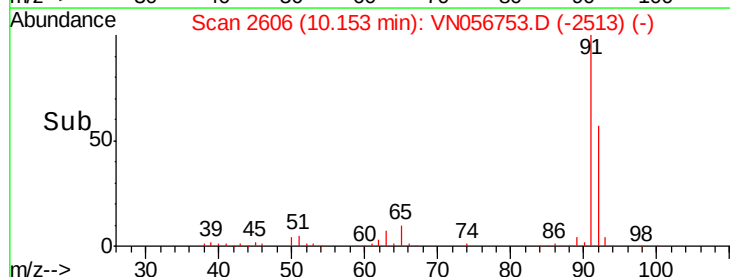
300000

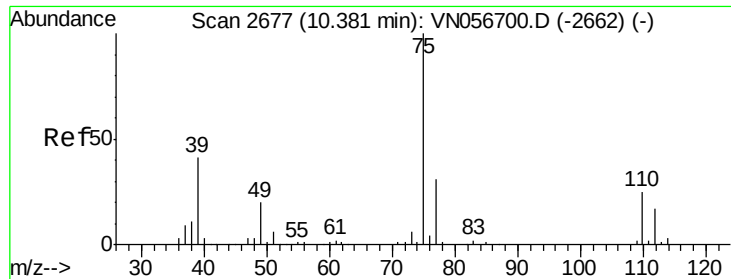
200000

100000

0

Time-->

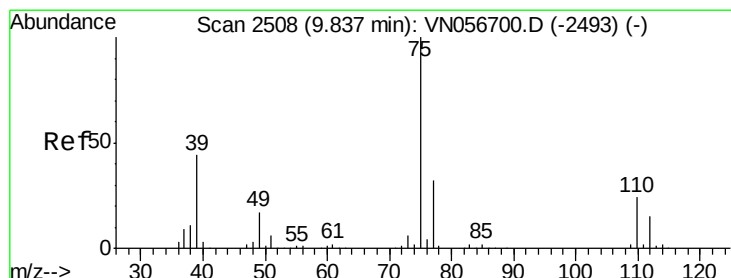
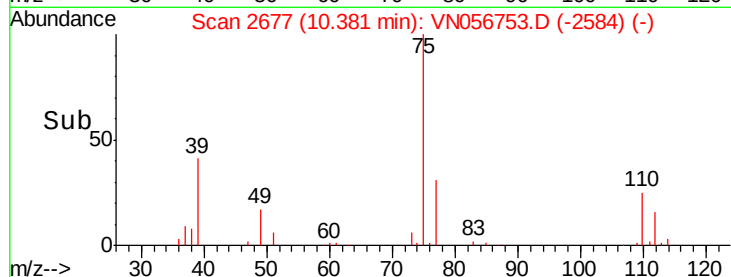
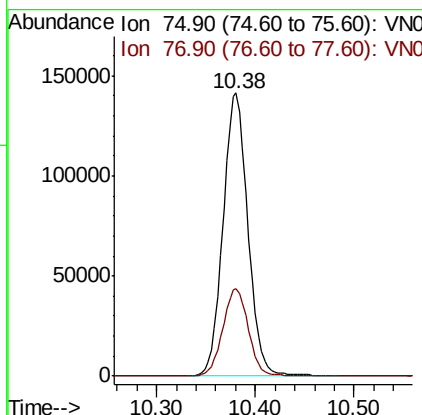
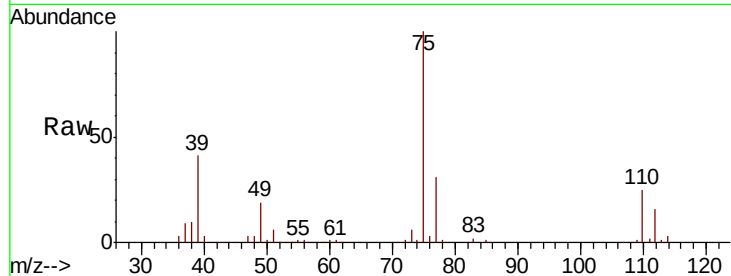




#53
t-1,3-Dichloropropene
Concen: 50.999 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

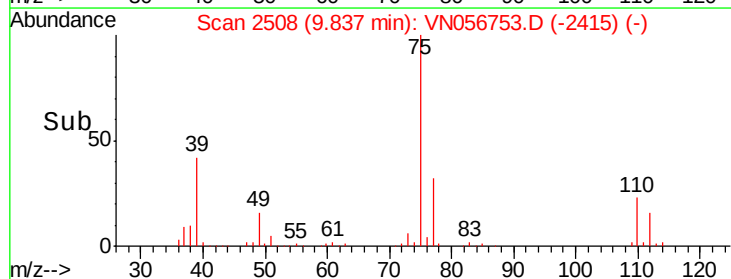
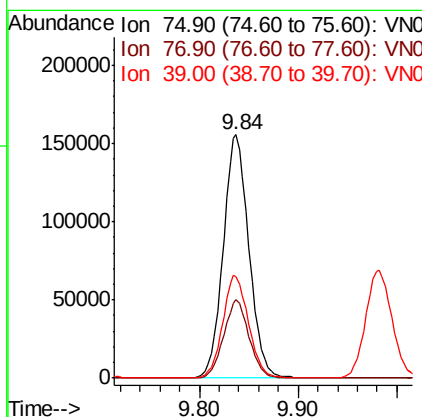
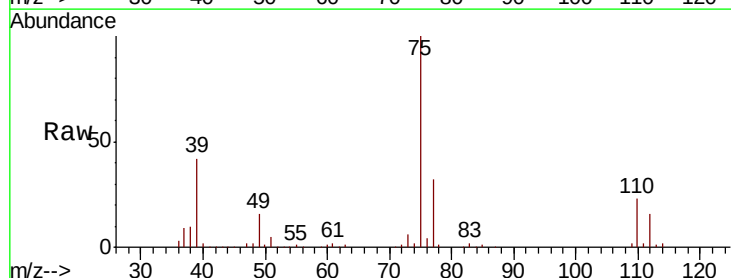
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

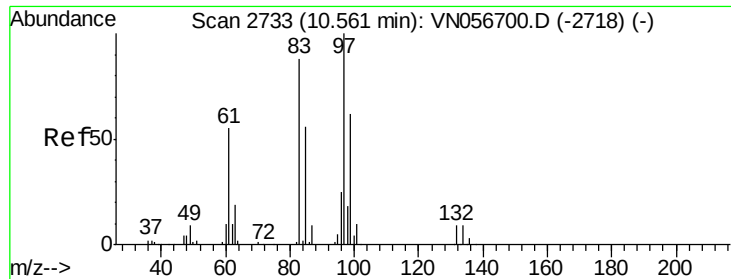
Tot Ion: 75 Resp: 250062
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 49.989 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. 0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

Tgt Ion: 75 Resp: 284432
Ion Ratio Lower Upper
75 100
77 32.1 26.0 39.0
39 42.0 35.1 52.7

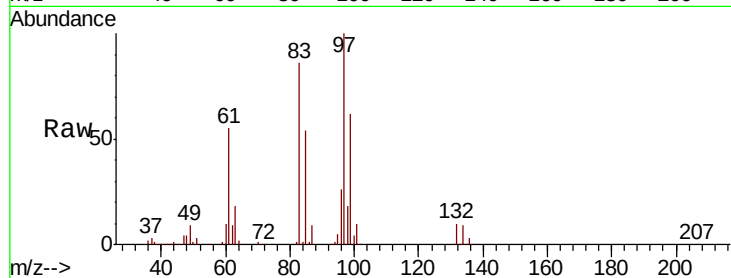




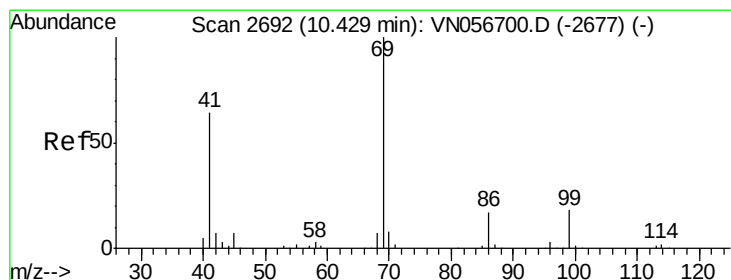
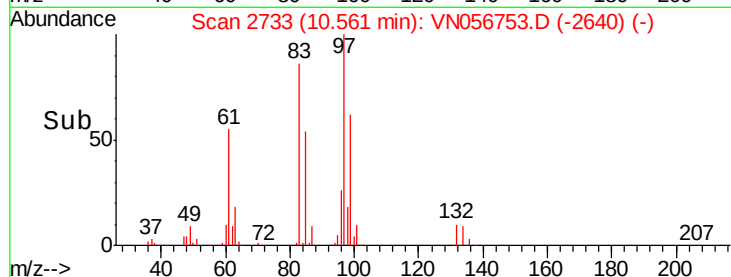
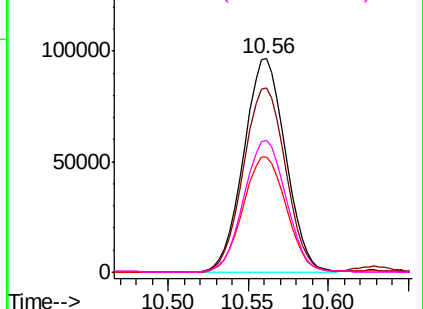
#55
 1,1,2-Trichloroethane
 Concen: 46.307 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056753.D
 Acq: 16 Jul 2019 8:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 173243
 Ion Ratio Lower Upper
 97 100
 83 86.5 70.3 105.5
 85 53.9 44.8 67.2
 99 62.0 49.6 74.4

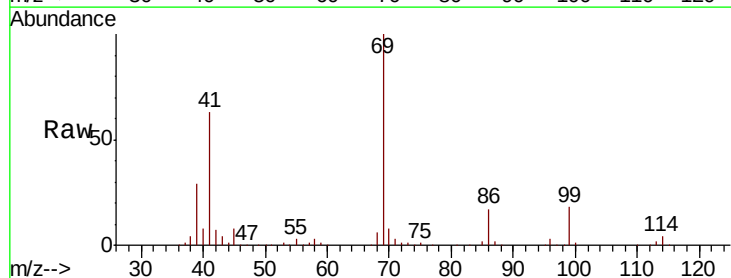


Abundance Ion 96.90 (96.60 to 97.60): VNO
 150000 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

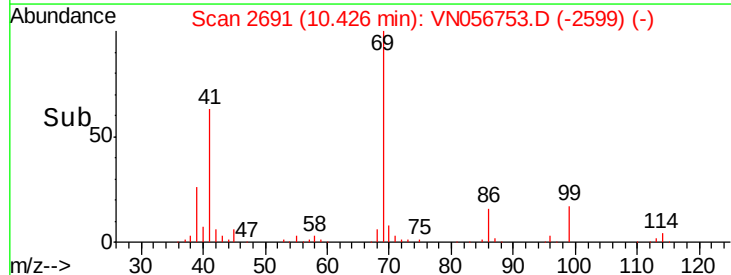
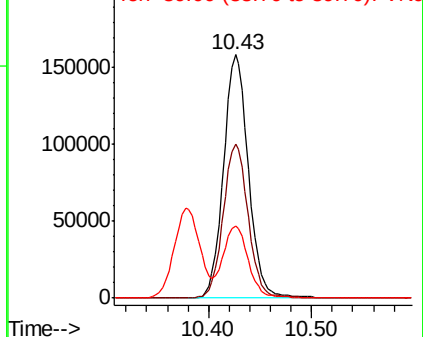


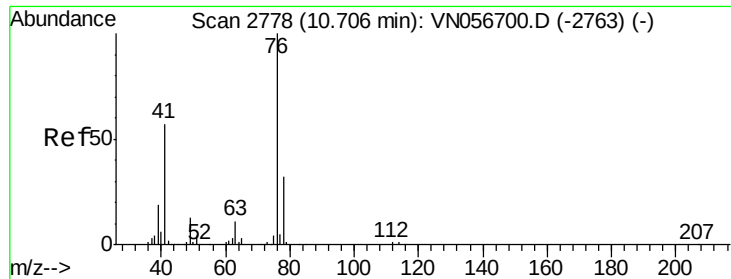
#56
 Ethyl methacrylate
 Concen: 49.496 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. -0.00 min
 Lab File: VN056753.D
 Acq: 16 Jul 2019 8:56

Tgt Ion: 69 Resp: 266441
 Ion Ratio Lower Upper
 69 100
 41 62.7 51.0 76.4
 39 30.3 24.6 36.8



Abundance Ion 69.00 (68.70 to 69.70): VNO
 200000 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

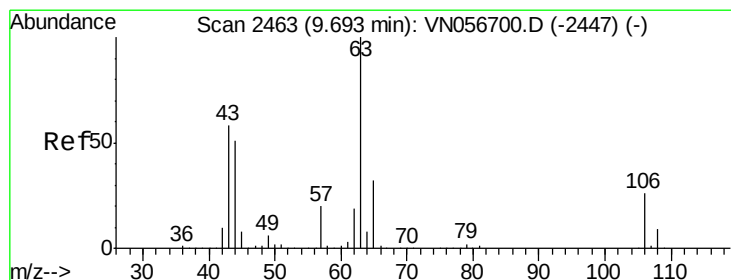
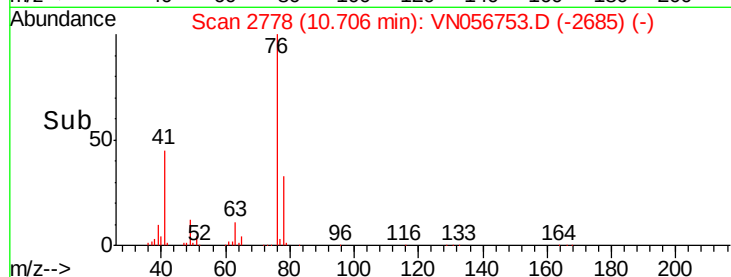
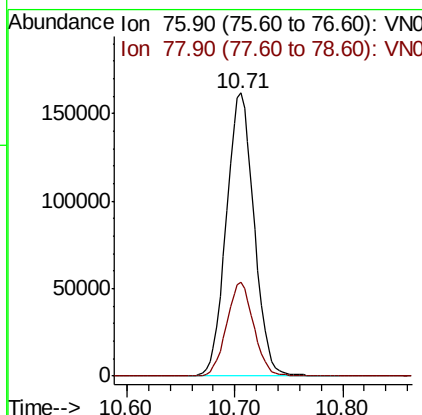
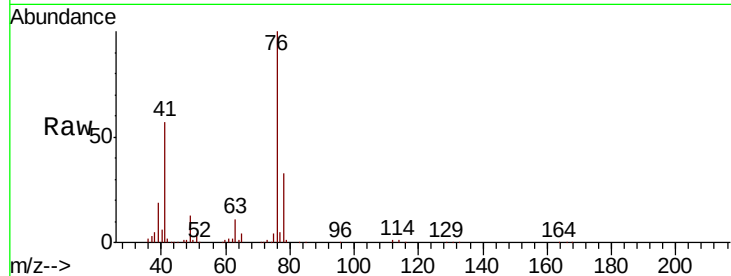




#57
 1,3-Dichloropropane
 Concen: 47.512 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056753.D
 Acq: 16 Jul 2019 8:56

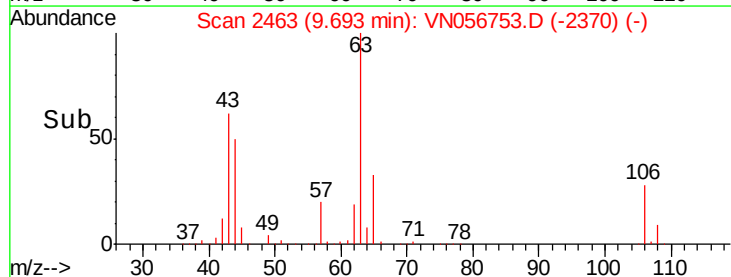
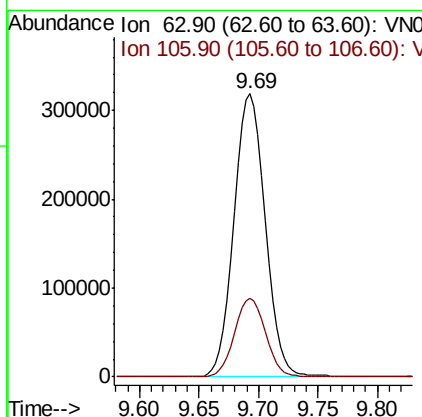
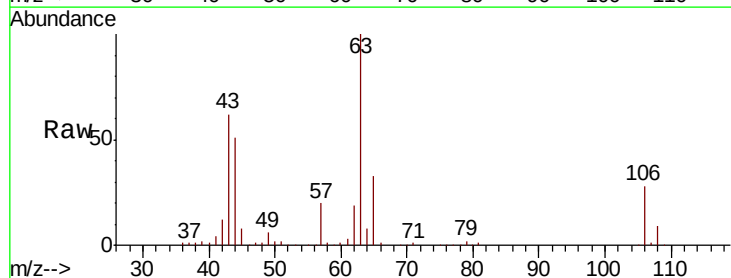
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

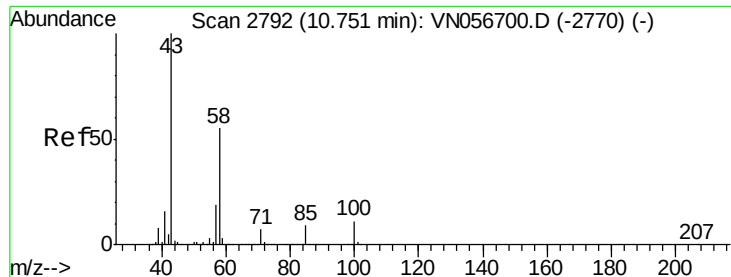
Tot Ion: 76 Resp: 290317
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 225.071 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN056753.D
 Acq: 16 Jul 2019 8:56

Tgt Ion: 63 Resp: 582614
 Ion Ratio Lower Upper
 63 100
 106 27.5 21.2 31.8

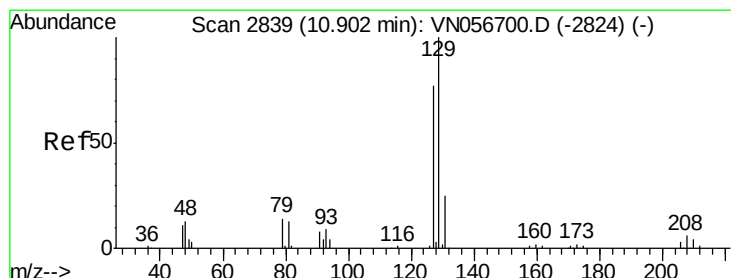
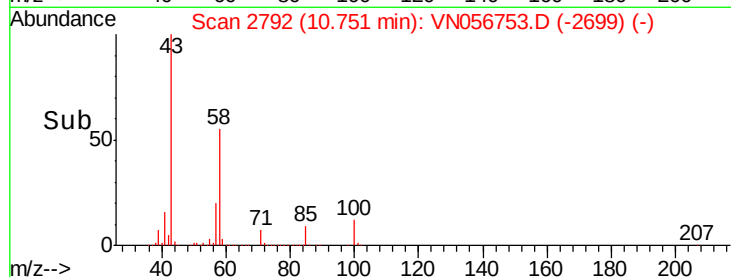
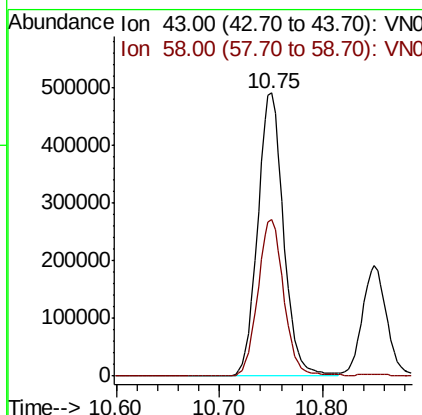
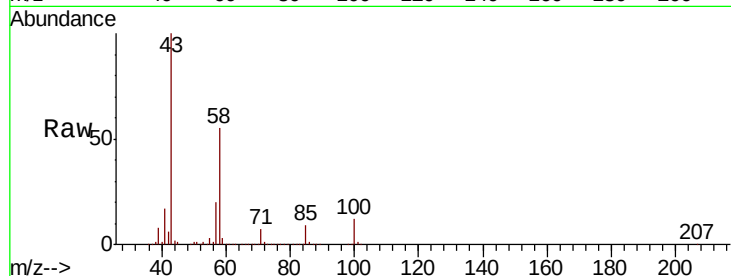




#59
2-Hexanone
Concen: 239.884 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

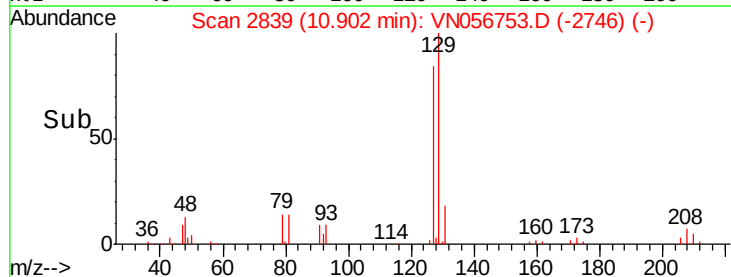
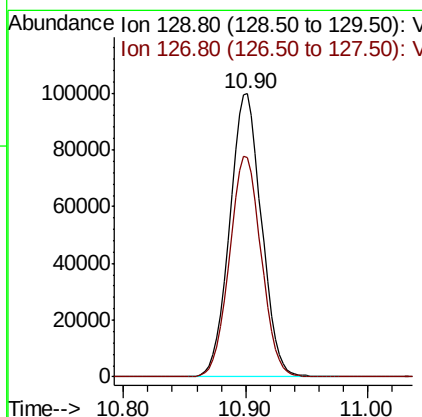
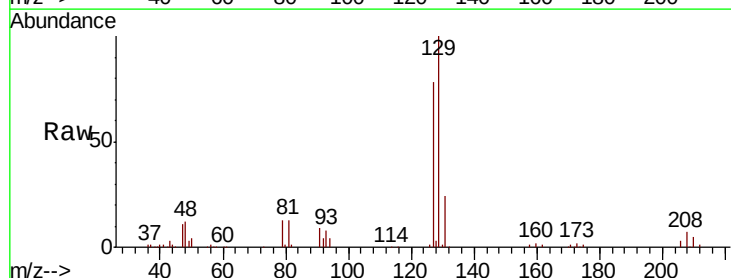
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

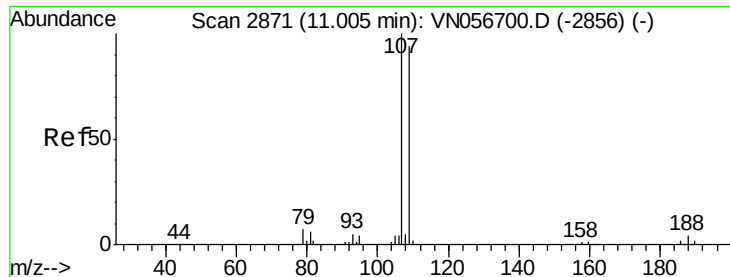
Tot Ion: 43 Resp: 846723
Ion Ratio Lower Upper
43 100
58 55.9 27.9 83.6



#60
Dibromochloromethane
Concen: 49.200 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

Tgt Ion: 129 Resp: 181027
Ion Ratio Lower Upper
129 100
127 77.9 38.2 114.6





#61

1,2-Dibromoethane

Concen: 48.650 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

Instrument :

MSVOA_N

ClientSampleId :

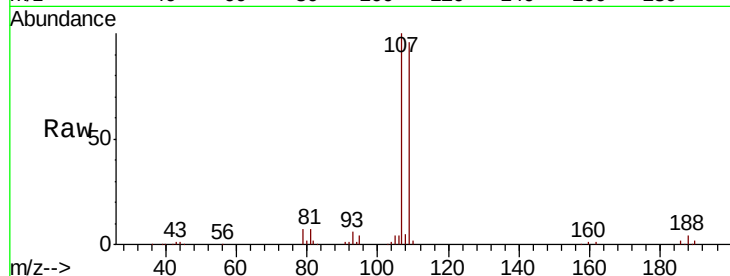
VSTDCCC050

Tot Ion: 107 Resp: 180885

Ion Ratio Lower Upper

107 100

109 95.1 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

100000

80000

60000

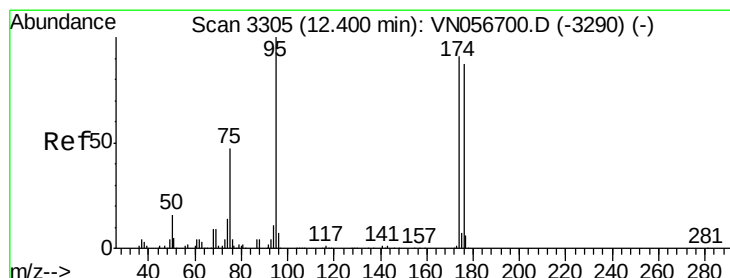
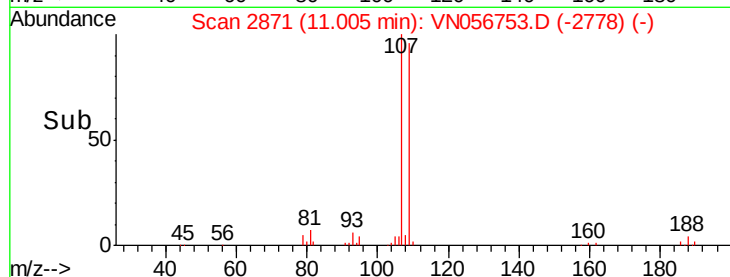
40000

20000

0

Time-->

10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 52.042 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

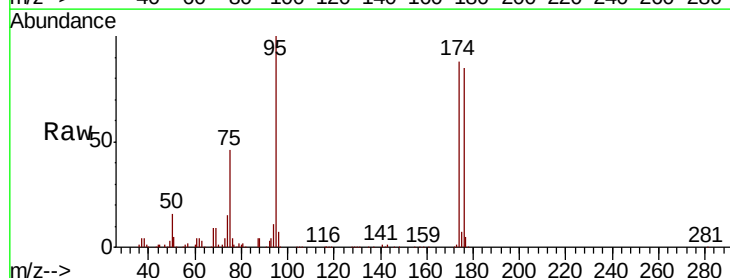
Tgt Ion: 95 Resp: 223452

Ion Ratio Lower Upper

95 100

174 90.4 0.0 180.0

176 87.6 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

12.40

150000

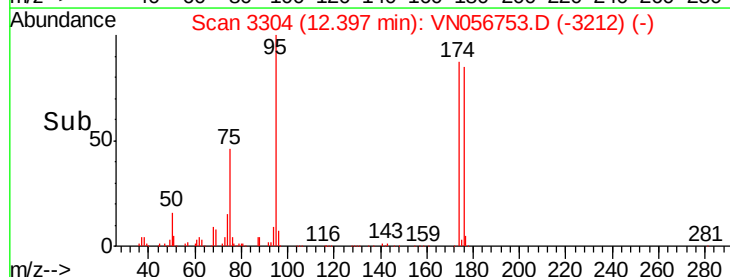
100000

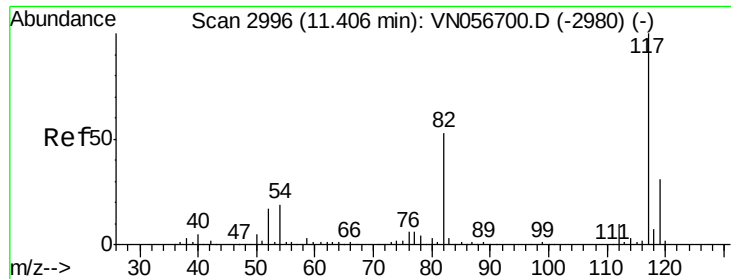
50000

0

Time-->

12.35 12.40 12.45 12.50

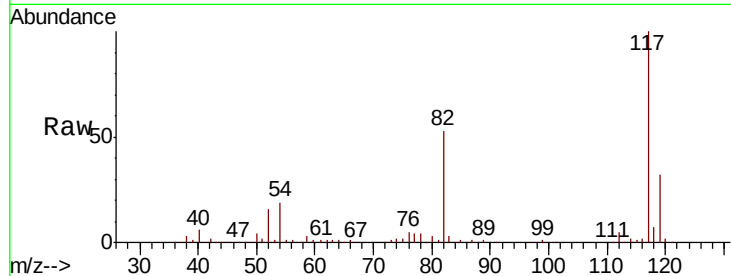




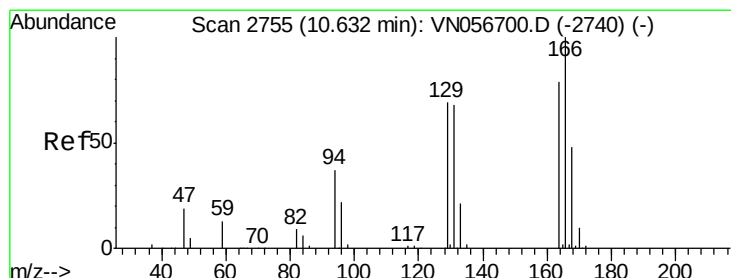
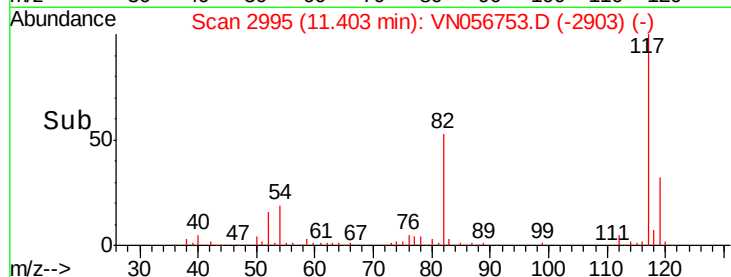
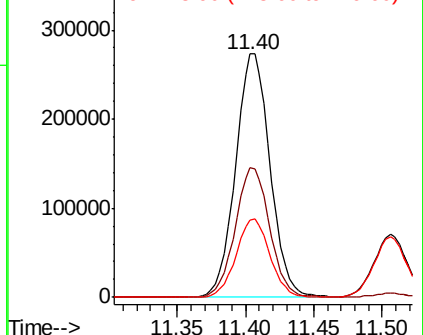
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 479436
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.2
119 31.8 25.2 37.8

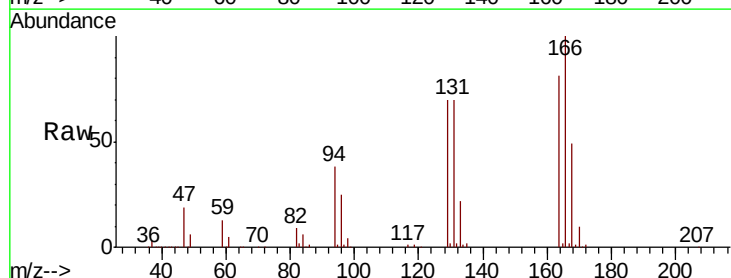


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

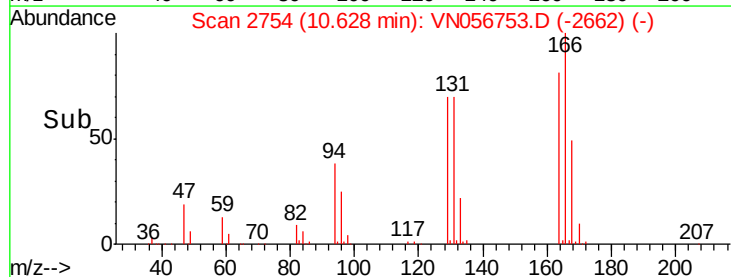
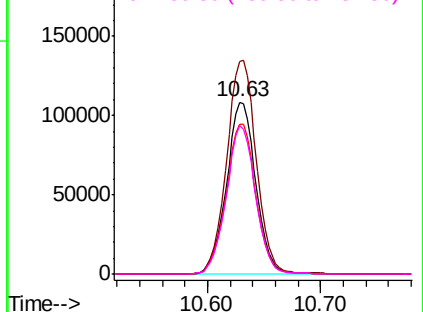


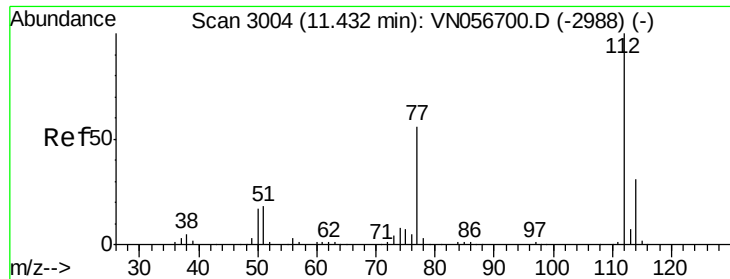
#64
Tetrachloroethene
Concen: 46.979 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

Tgt Ion:164 Resp: 194313
Ion Ratio Lower Upper
164 100
166 123.9 101.4 152.2
129 87.4 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: 47.987 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

Instrument :

MSVOA_N

ClientSampleId :

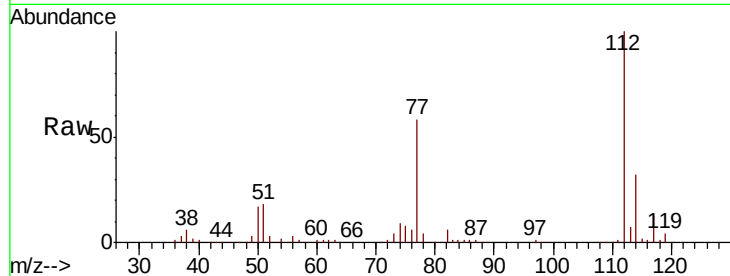
VSTDCCC050

Tot Ion:112 Resp: 470420

Ion Ratio Lower Upper

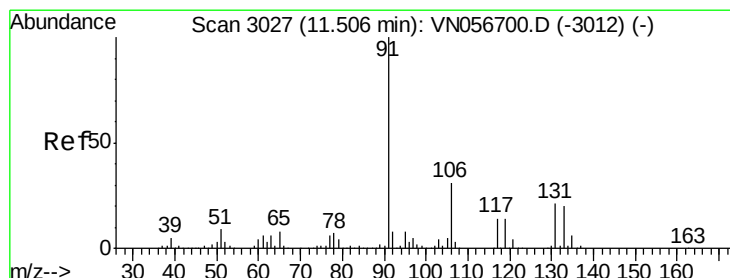
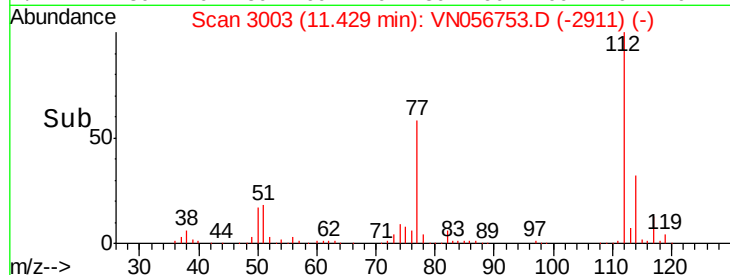
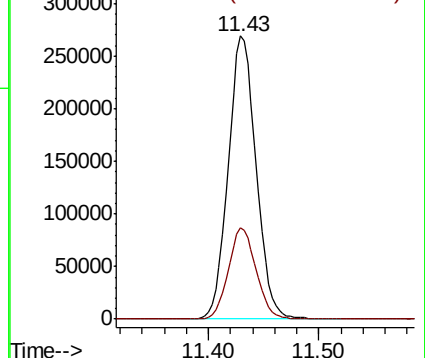
112 100

114 32.1 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.514 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

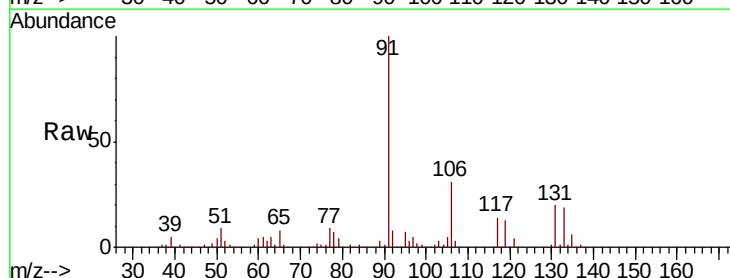
Tgt Ion:131 Resp: 171500

Ion Ratio Lower Upper

131 100

133 95.6 46.9 140.7

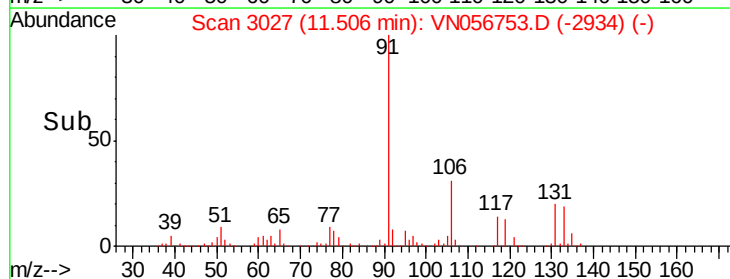
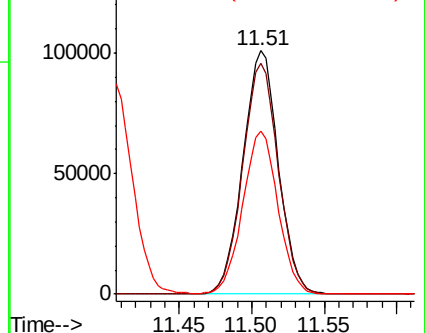
119 66.6 32.8 98.3

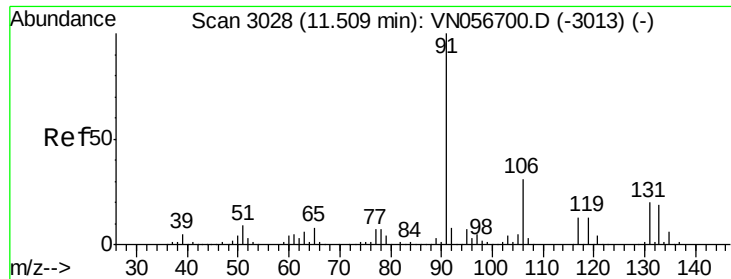


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

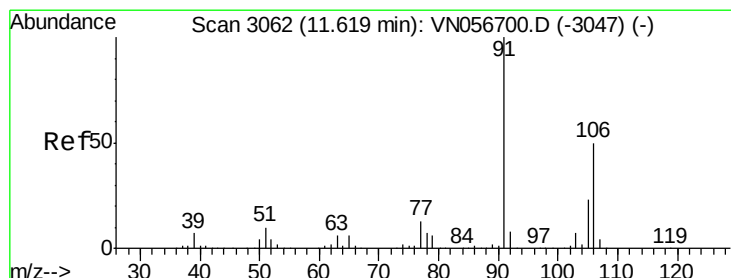
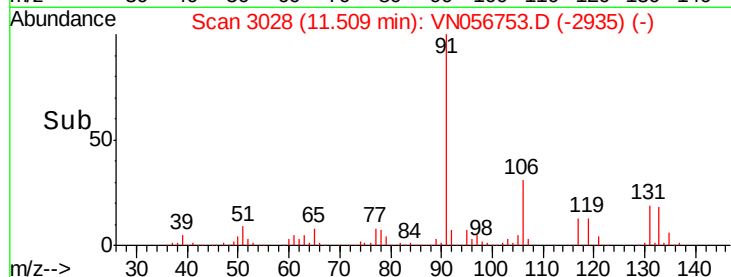
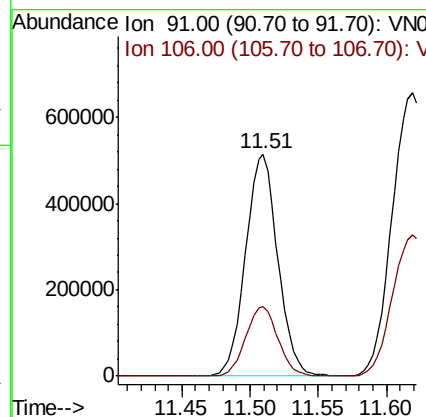
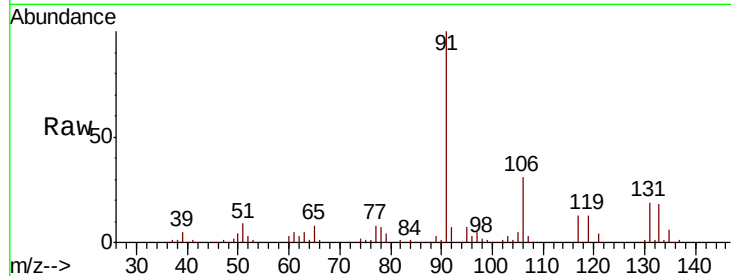




#67
Ethyl Benzene
Concen: 48.915 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

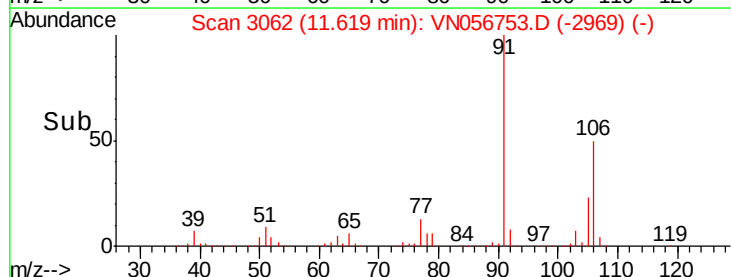
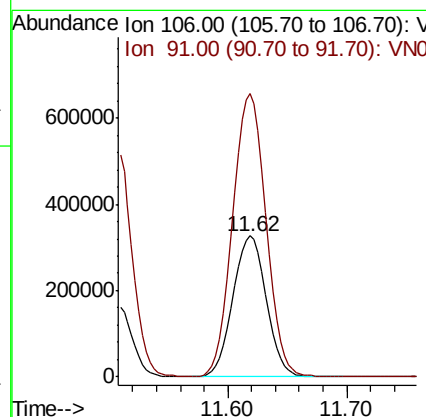
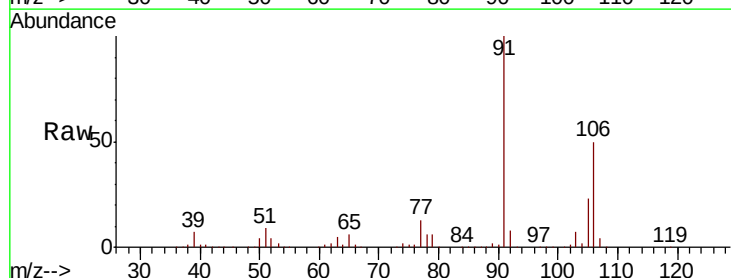
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

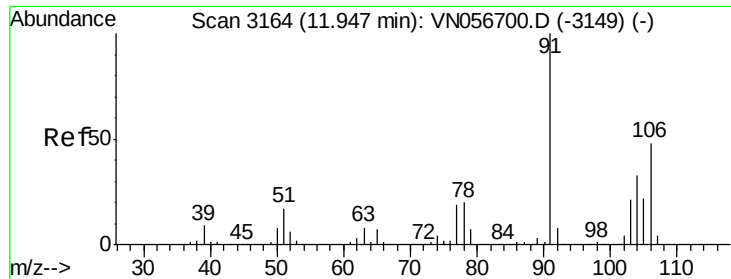
Tot Ion: 91 Resp: 842726
Ion Ratio Lower Upper
91 100
106 31.3 24.8 37.2



#68
m/p-Xylenes
Concen: 98.647 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

Tgt Ion: 106 Resp: 635152
Ion Ratio Lower Upper
106 100
91 200.7 160.5 240.7

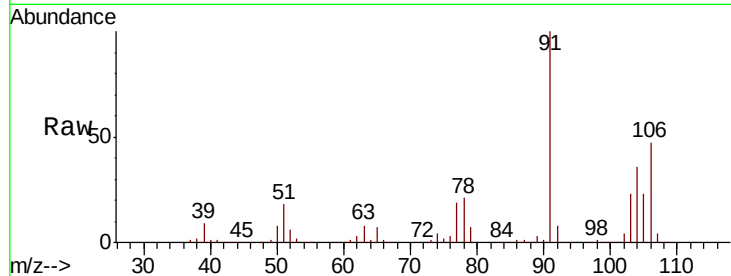




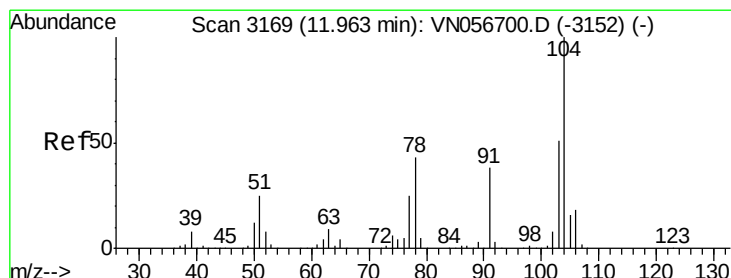
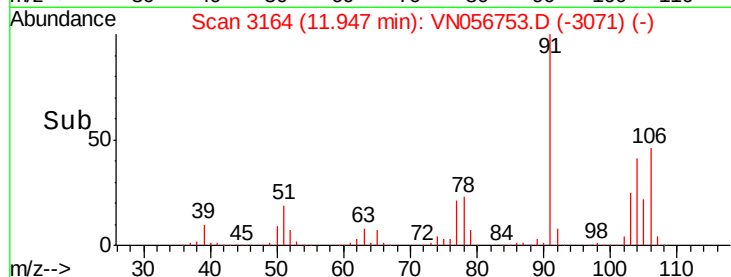
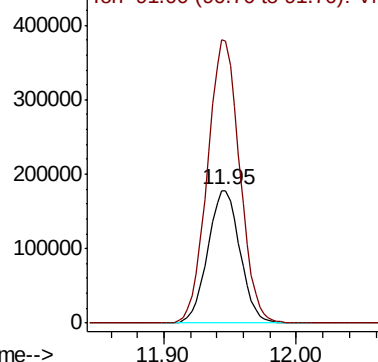
#69
o-Xylene
Concen: 47.433 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 300249
Ion Ratio Lower Upper
106 100
91 214.1 105.6 316.8

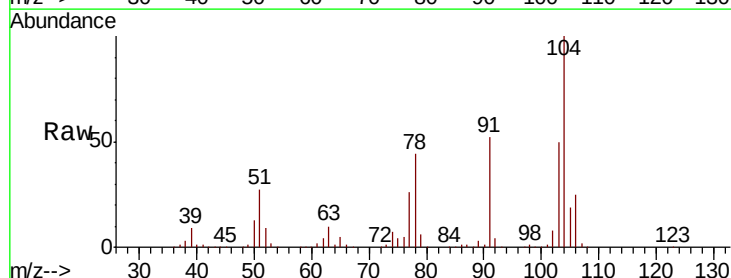


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

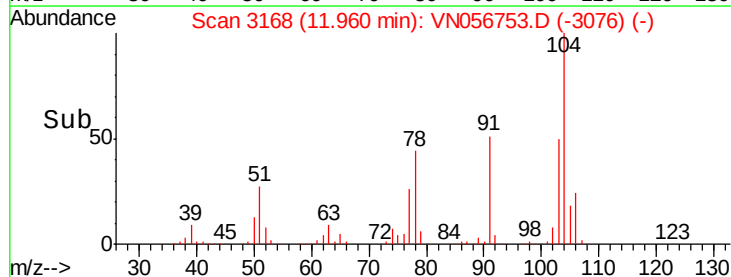
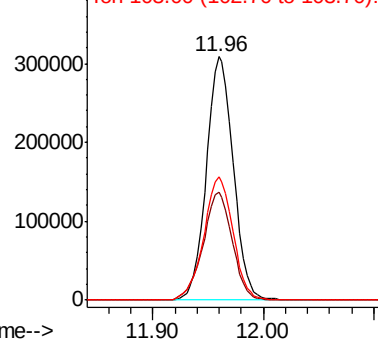


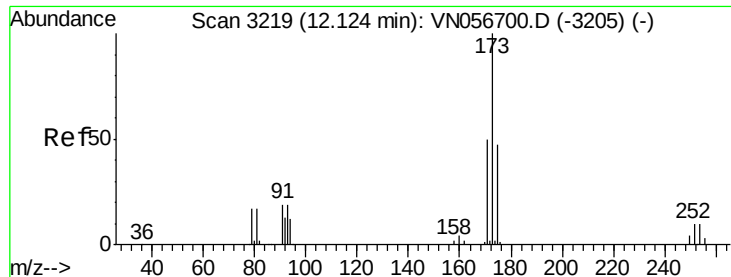
#70
Styrene
Concen: 51.106 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

Tgt Ion:104 Resp: 523003
Ion Ratio Lower Upper
104 100
78 47.9 38.6 57.8
103 54.7 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: 49.025 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. 0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

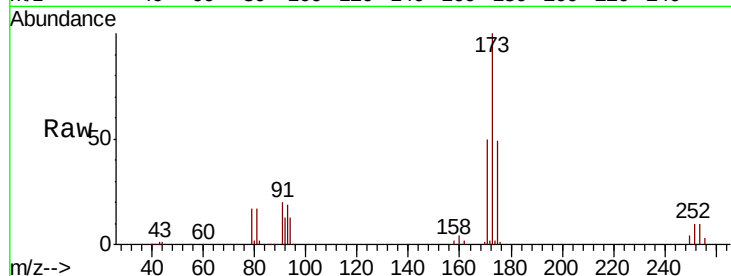
Tot Ion:173 Resp: 134639

Ion Ratio Lower Upper

173 100

175 48.9 23.8 71.4

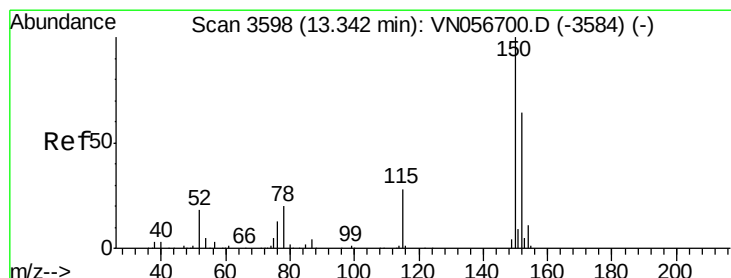
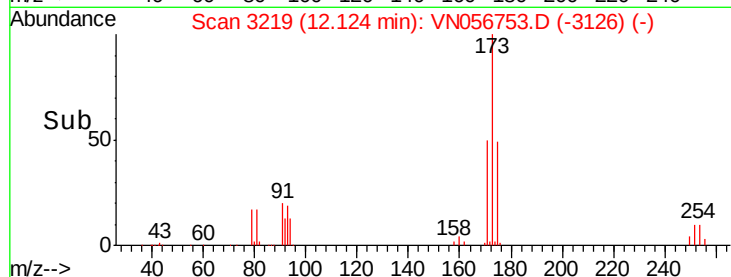
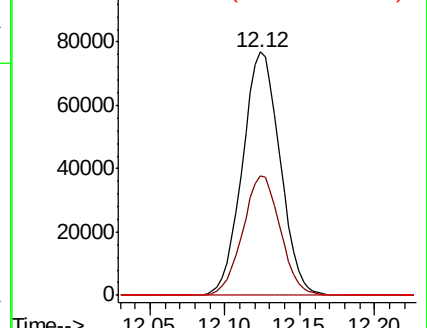
254 0.0 0.0 0.0



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: VN056753.D

Acq: 16 Jul 2019 8:56

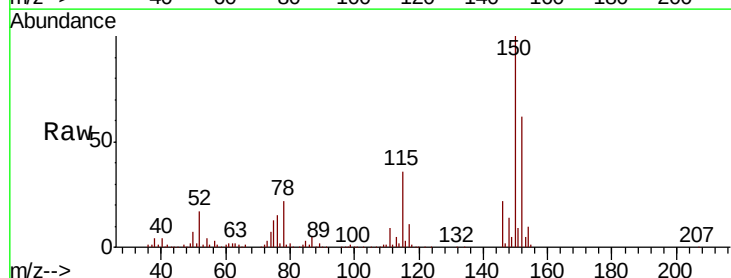
Tgt Ion:152 Resp: 229896

Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.7

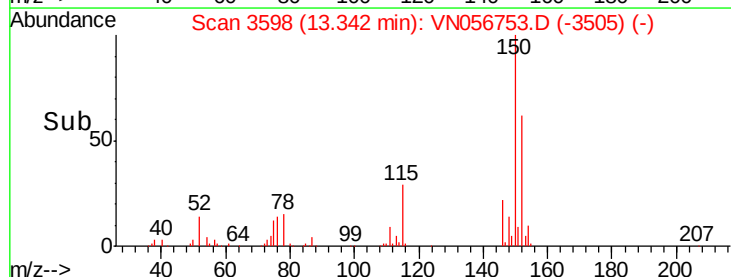
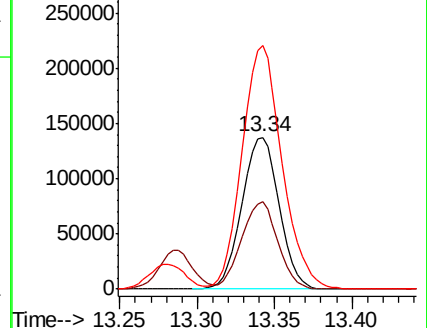
150 172.4 0.0 345.8

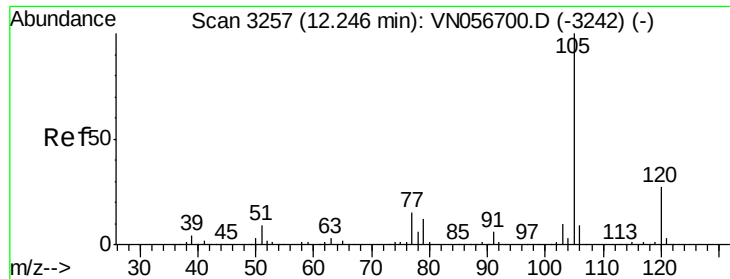


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 43.770 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

Instrument :

MSVOA_N

ClientSampleId :

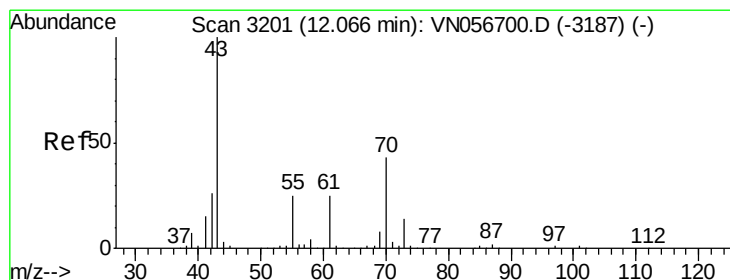
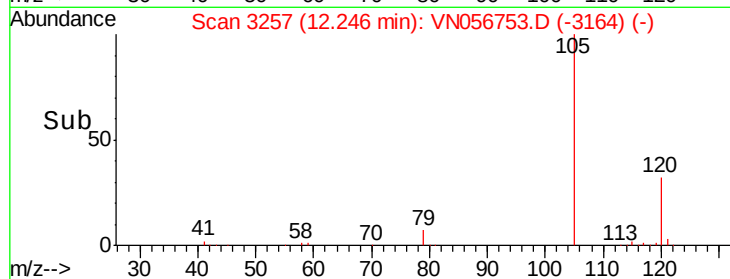
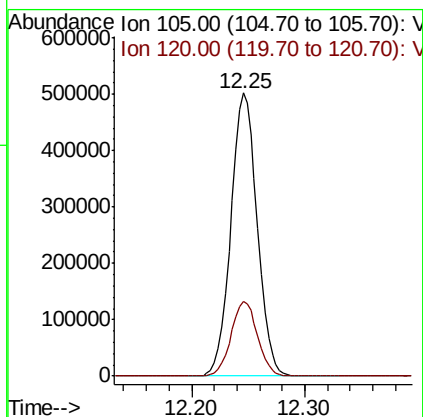
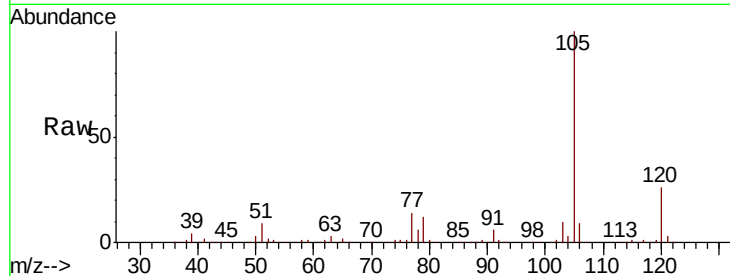
VSTDCCC050

Tot Ion:105 Resp: 811356

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.2



#74

N-amyl acetate

Concen: 42.579 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

Tgt Ion: 43 Resp: 293946

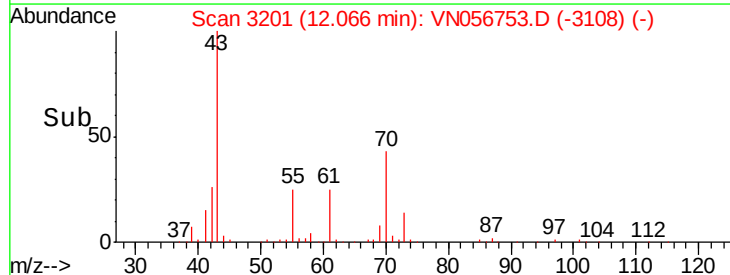
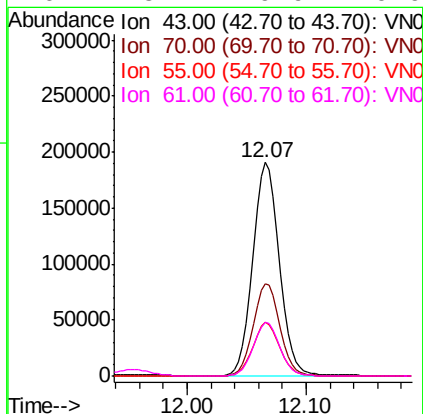
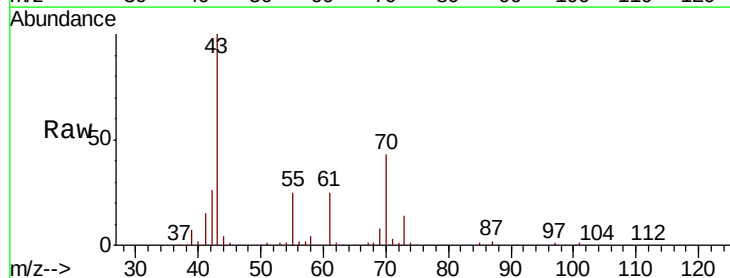
Ion Ratio Lower Upper

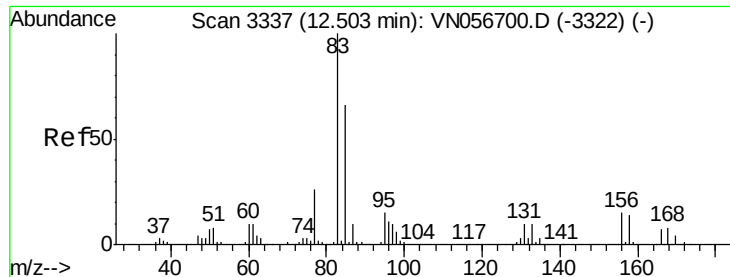
43 100

70 43.6 34.5 51.7

55 25.5 20.2 30.2

61 25.1 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 45.150 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

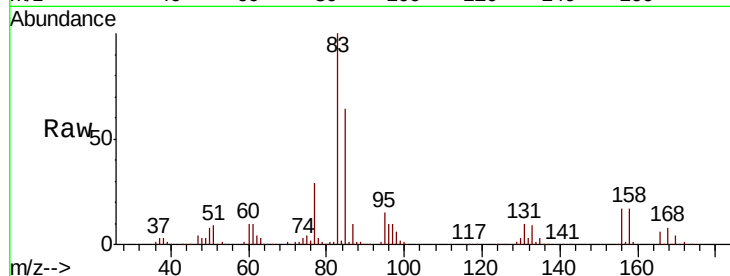
Tot Ion: 83 Resp: 243367

Ion Ratio Lower Upper

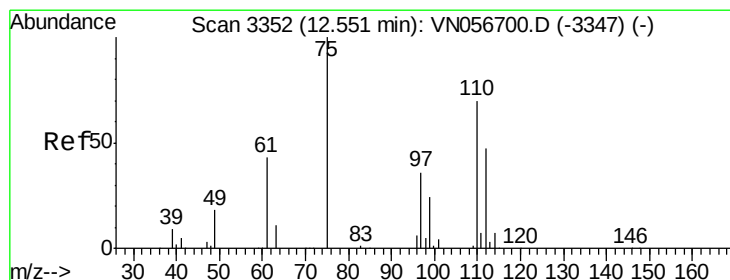
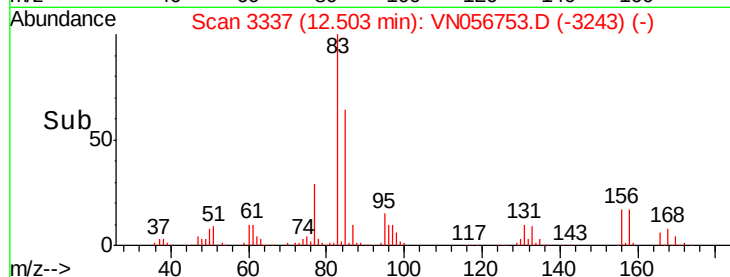
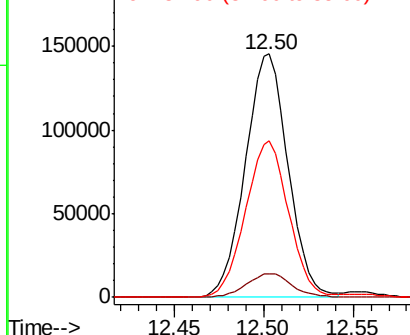
83 100

131 10.2 5.3 15.8

85 64.8 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: 60.320 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN056753.D

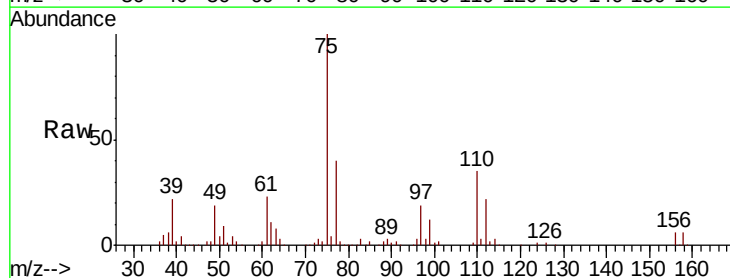
Acq: 16 Jul 2019 8:56

Tgt Ion: 75 Resp: 303302

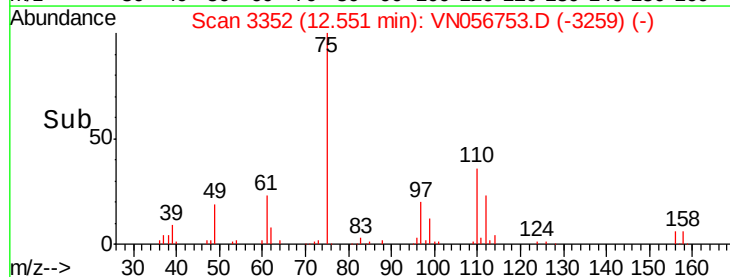
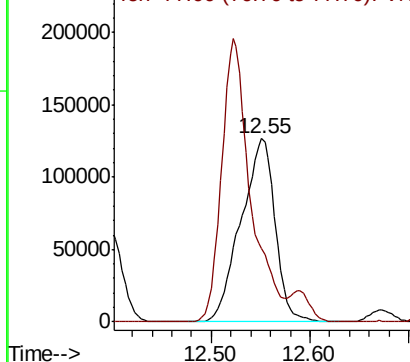
Ion Ratio Lower Upper

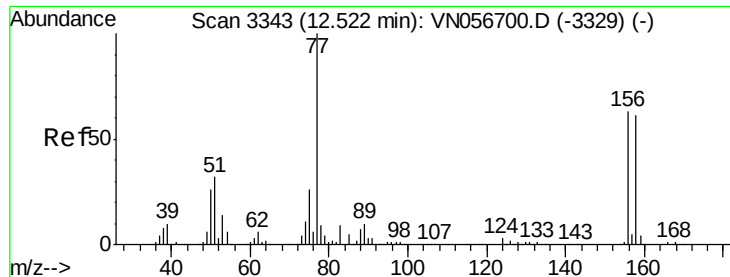
75 100

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: 43.751 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

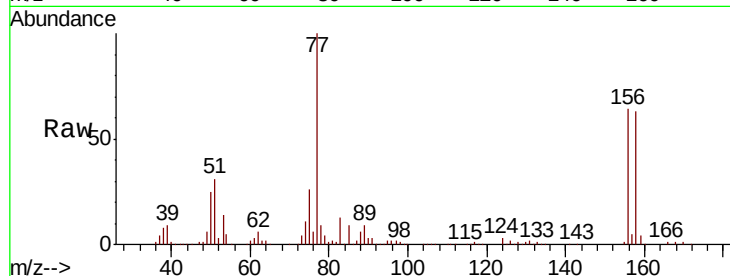
Tot Ion:156 Resp: 212125

Ion Ratio Lower Upper

156 100

77 189.6 97.2 291.6

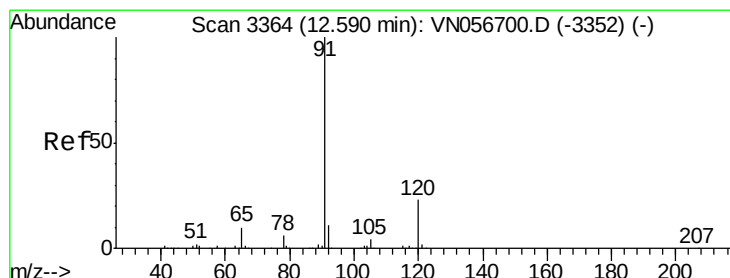
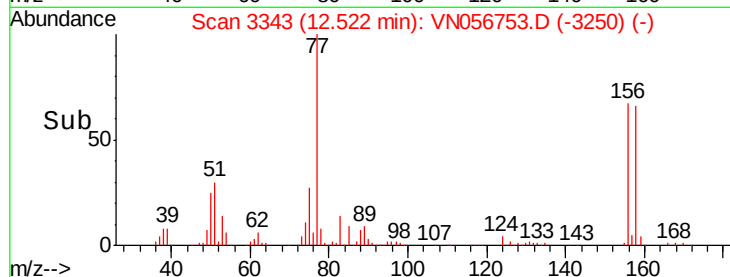
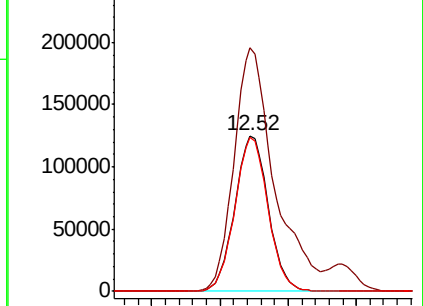
158 98.2 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.561 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056753.D

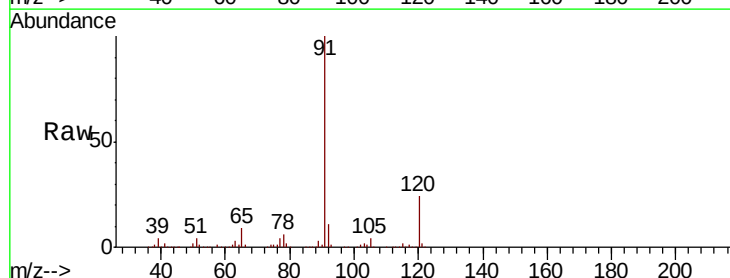
Acq: 16 Jul 2019 8:56

Tgt Ion: 91 Resp: 937607

Ion Ratio Lower Upper

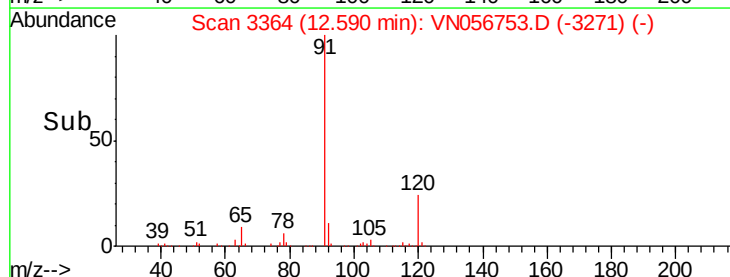
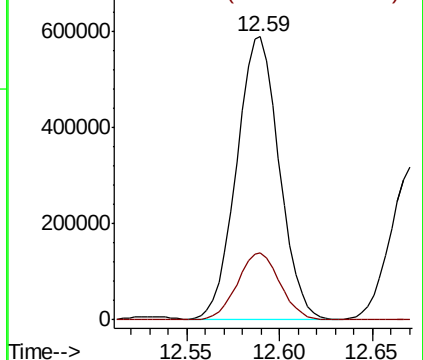
91 100

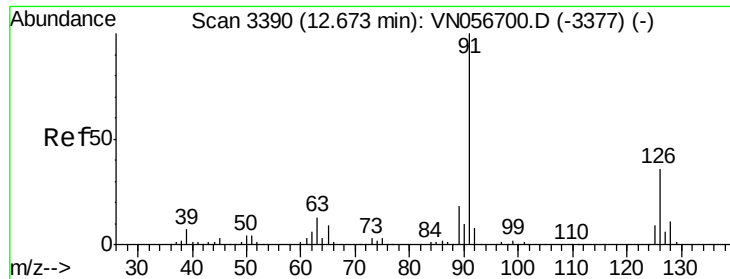
120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.797 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

Instrument :

MSVOA_N

ClientSampleId :

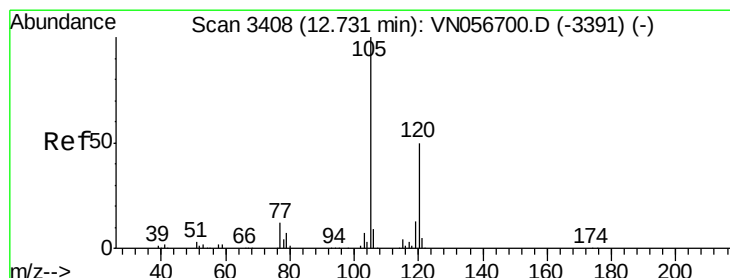
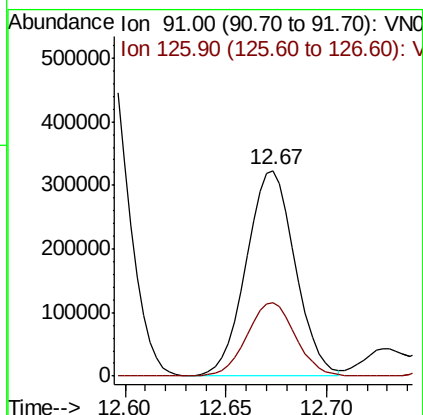
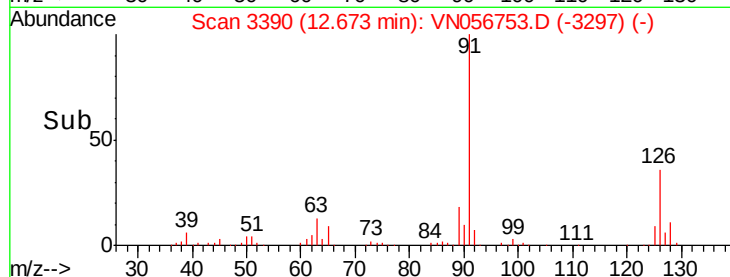
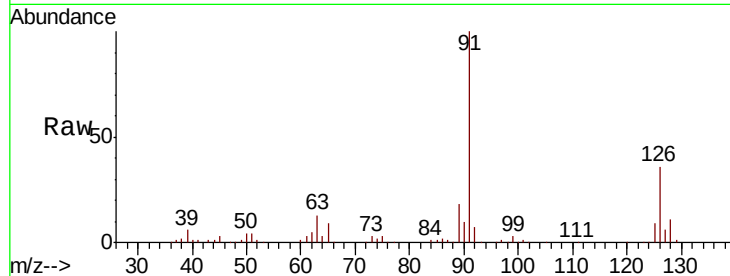
VSTDCCC050

Tot Ion: 91 Resp: 544369

Ion Ratio Lower Upper

91 100

126 35.8 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 44.229 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056753.D

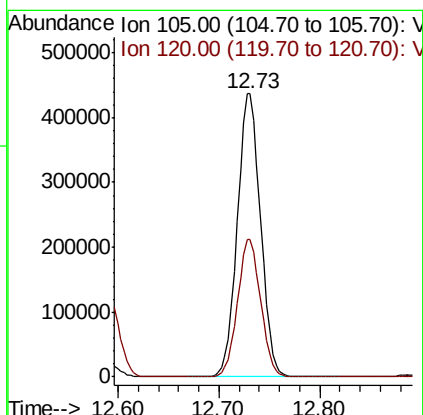
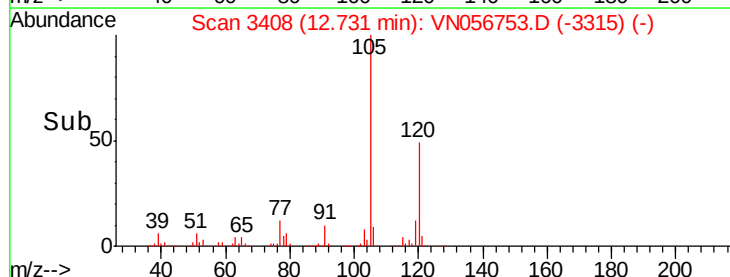
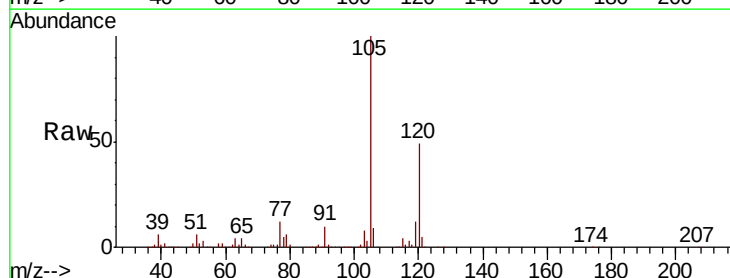
Acq: 16 Jul 2019 8:56

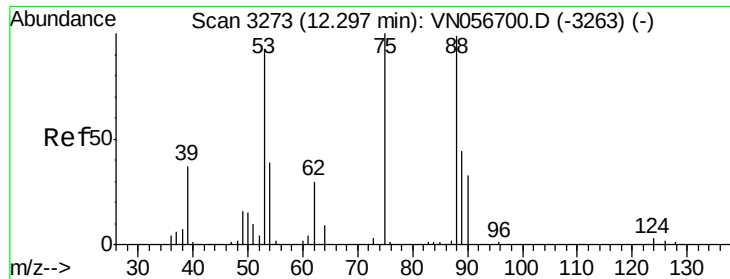
Tgt Ion: 105 Resp: 694864

Ion Ratio Lower Upper

105 100

120 48.5 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 44.482 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

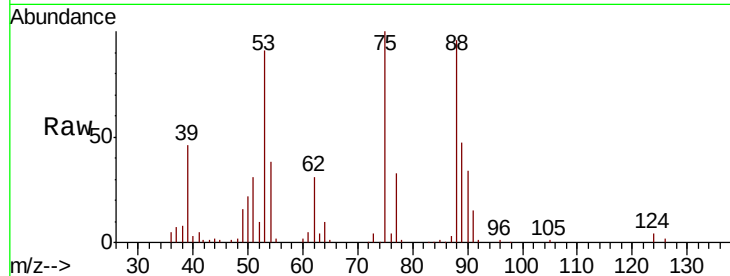
Tot Ion: 75 Resp: 72422

Ion Ratio Lower Upper

75 100

53 91.7 73.7 110.5

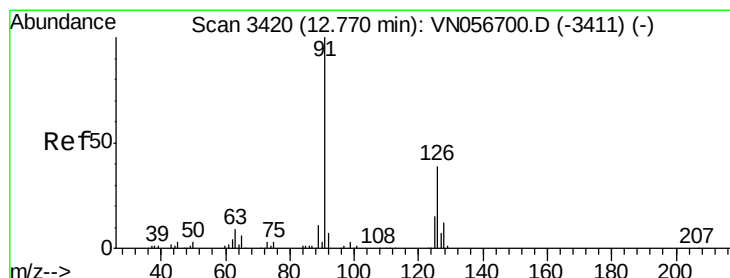
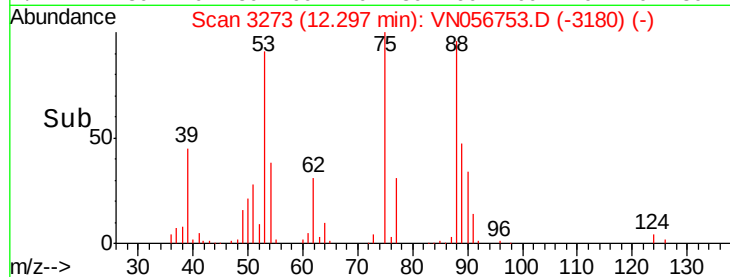
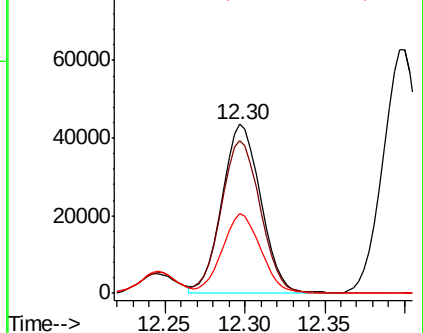
89 46.5 36.2 54.2



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: 45.820 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN056753.D

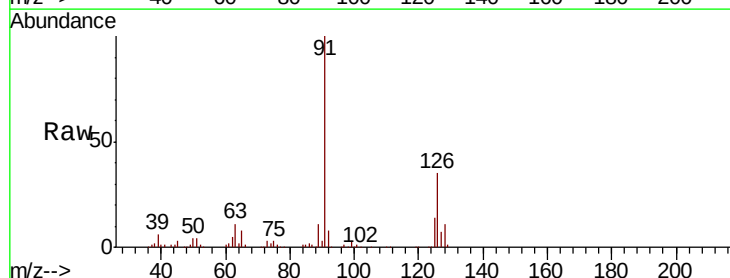
Acq: 16 Jul 2019 8:56

Tgt Ion: 91 Resp: 553365

Ion Ratio Lower Upper

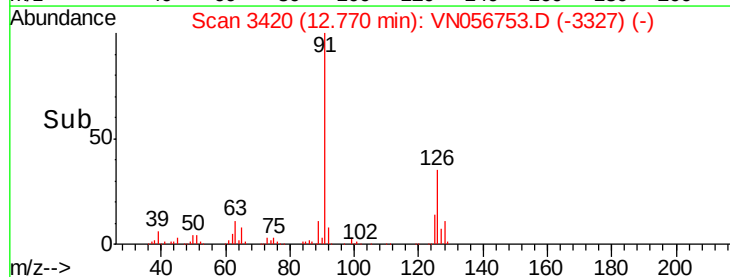
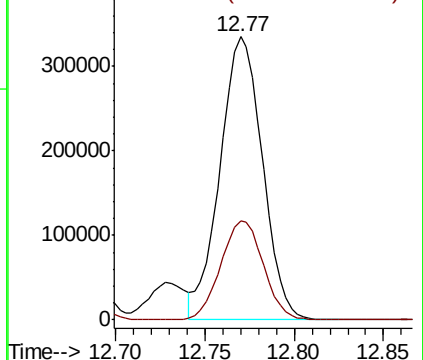
91 100

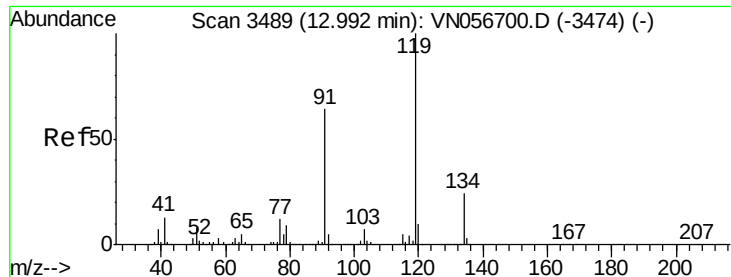
126 35.2 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

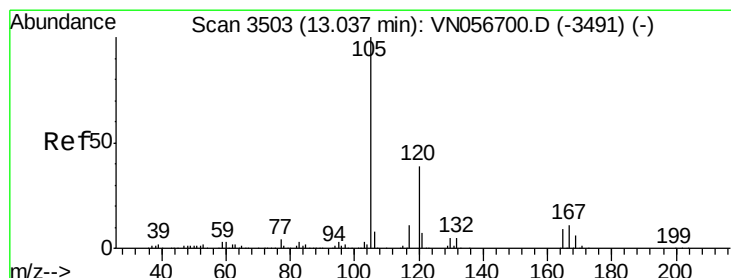
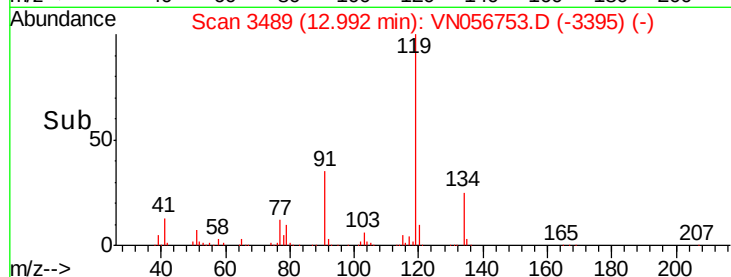
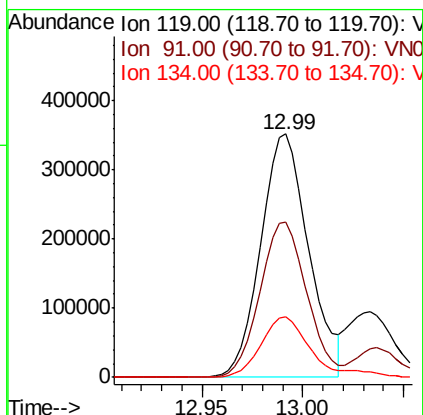
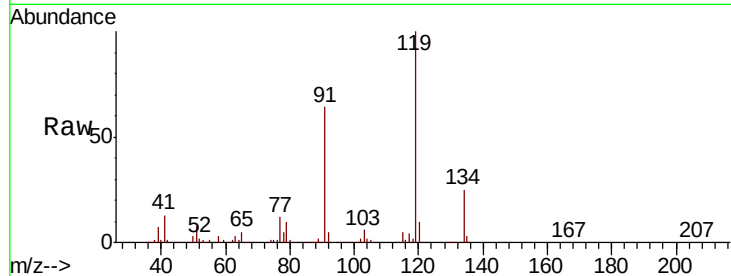




#83
 tert-Butylbenzene
 Concen: 47.487 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056753.D
 Acq: 16 Jul 2019 8:56

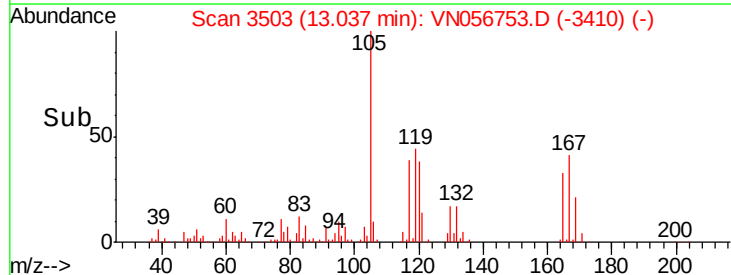
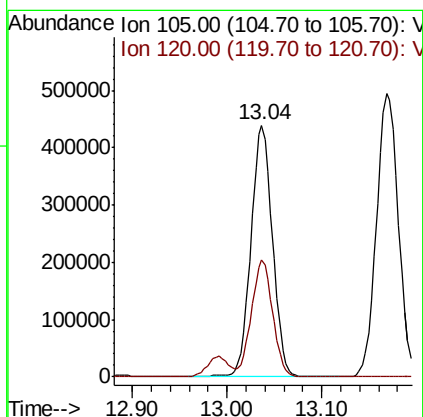
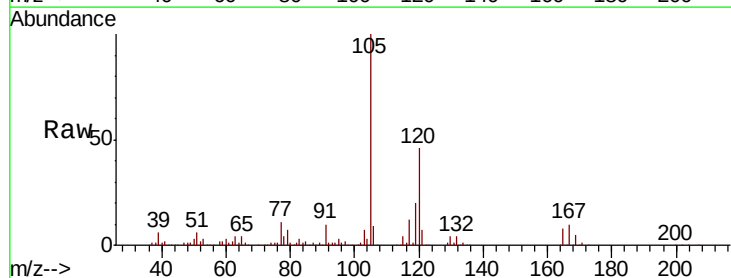
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

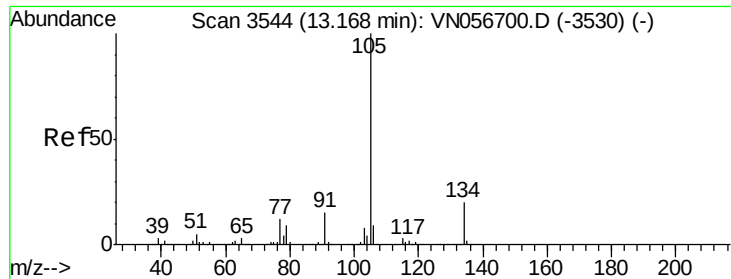
Tot Ion:119 Resp: 582467
 Ion Ratio Lower Upper
 119 100
 91 62.7 31.8 95.4
 134 26.1 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 45.213 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN056753.D
 Acq: 16 Jul 2019 8:56

Tgt Ion:105 Resp: 693936
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.8





#85

sec-Butylbenzene

Concen: 45.247 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

Instrument :

MSVOA_N

ClientSampleId :

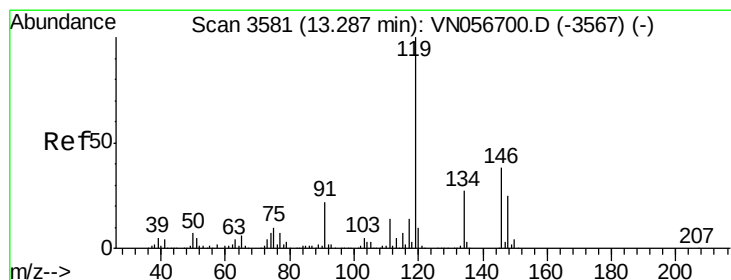
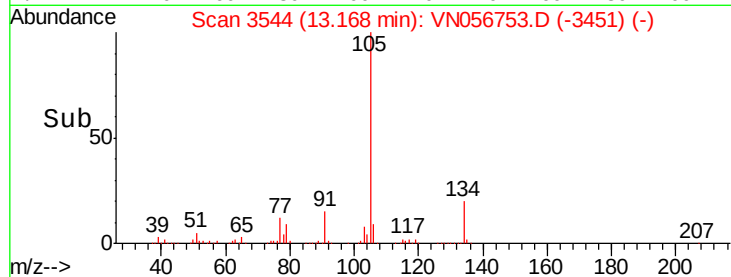
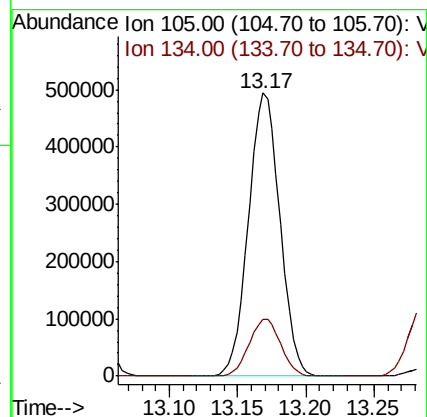
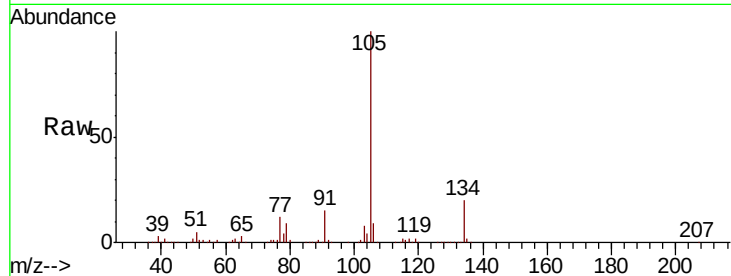
VSTDCCC050

Tot Ion:105 Resp: 789885

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 46.258 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056753.D

Acq: 16 Jul 2019 8:56

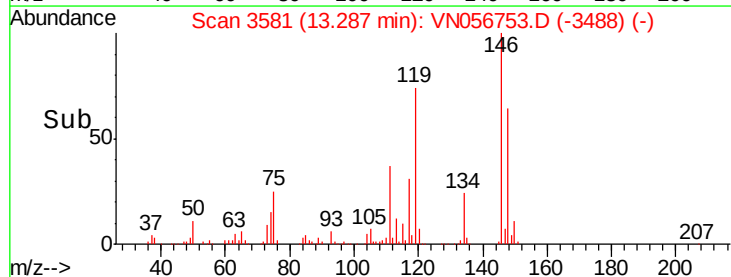
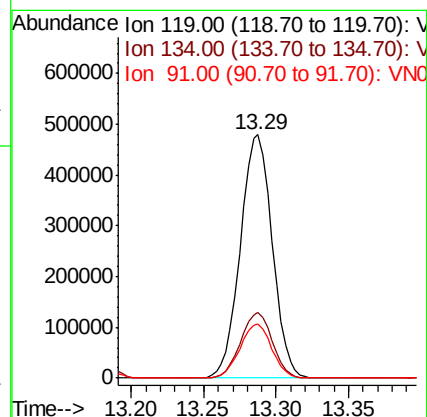
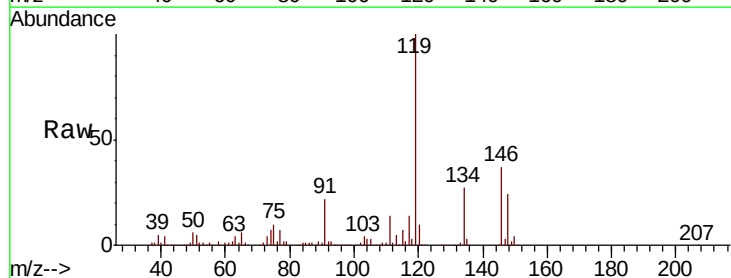
Tgt Ion:119 Resp: 731554

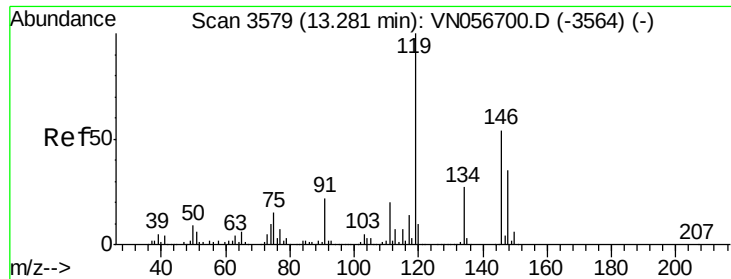
Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

91 22.3 11.2 33.5

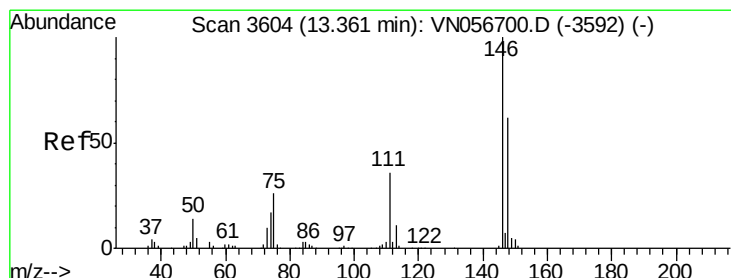
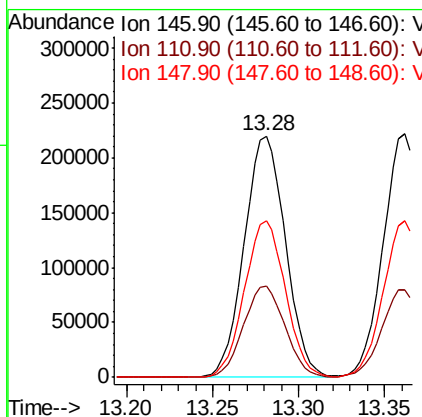
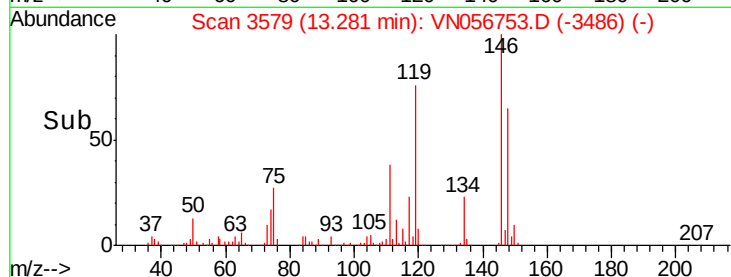
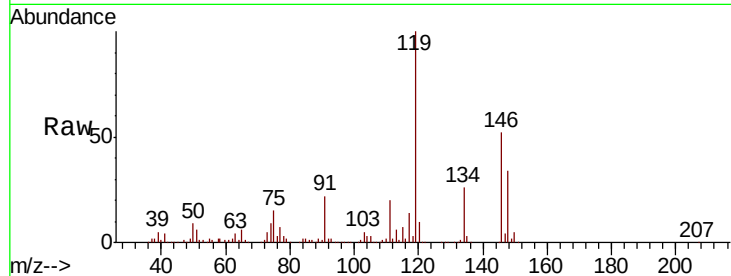




#87
 1,3-Dichlorobenzene
 Concen: 46.163 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056753.D
 Acq: 16 Jul 2019 8:56

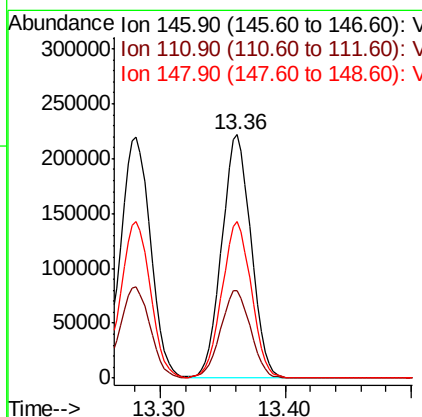
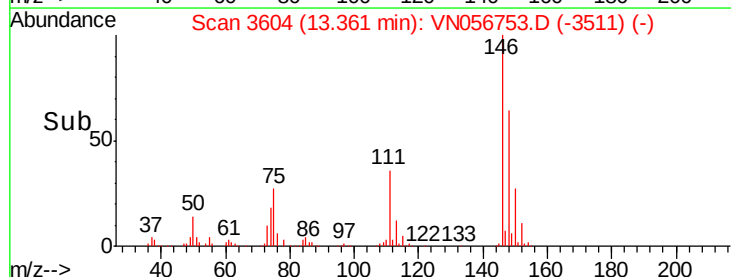
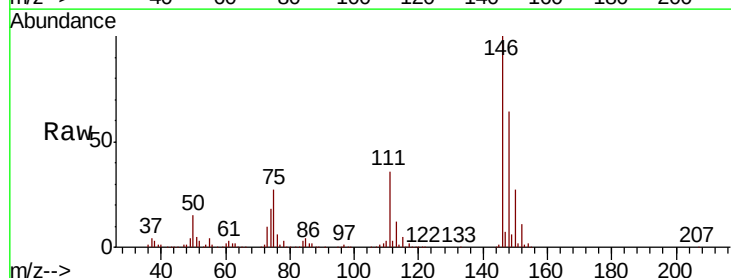
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

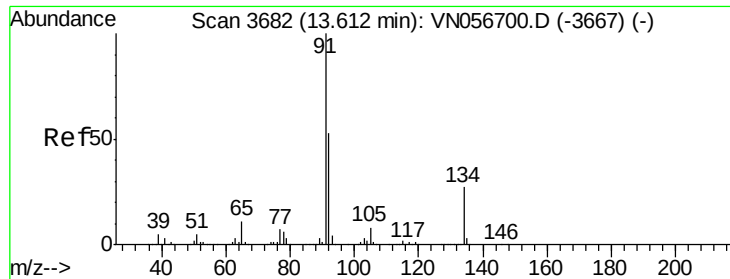
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.8	56.3
148	64.2	32.3	96.8



#88
 1,4-Dichlorobenzene
 Concen: 46.399 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056753.D
 Acq: 16 Jul 2019 8:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	55.8
148	64.7	31.9	95.7

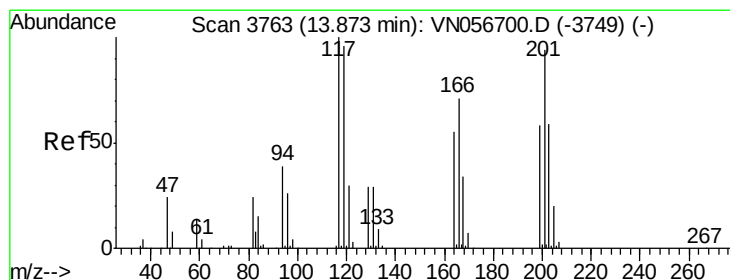
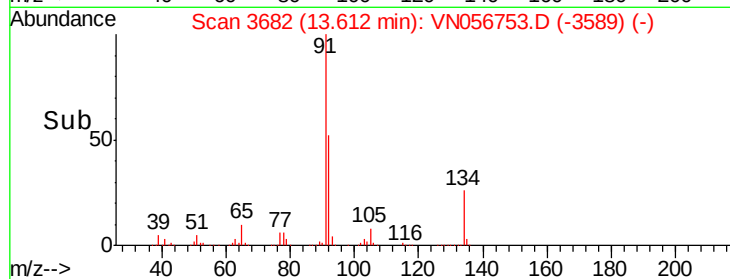
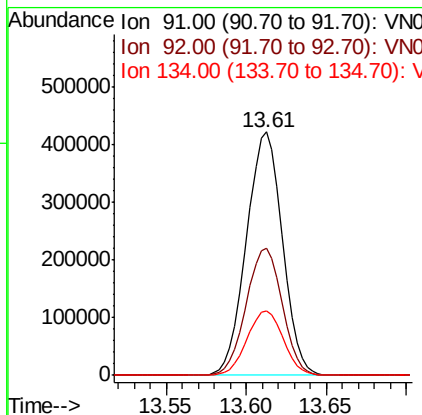
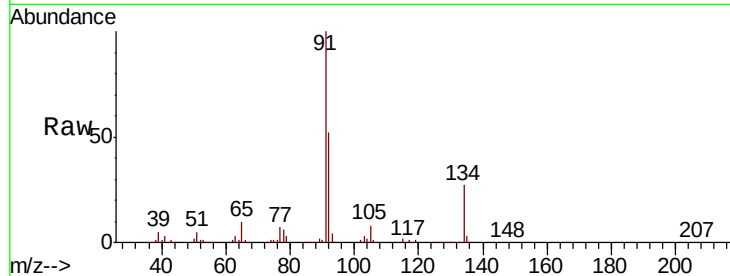




#89
n-Butylbenzene
Concen: 50.871 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

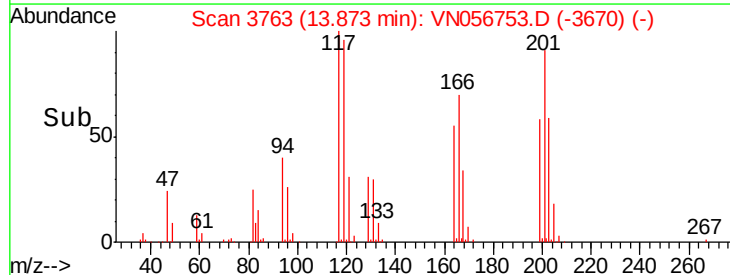
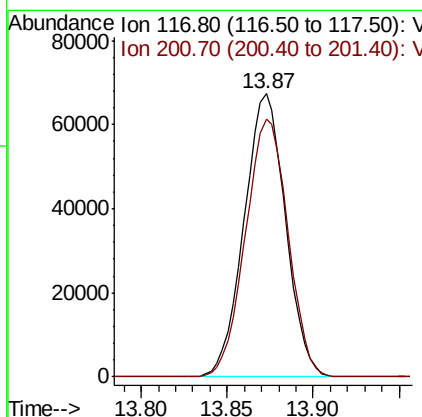
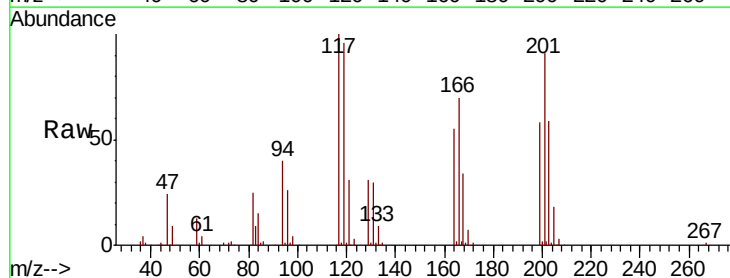
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

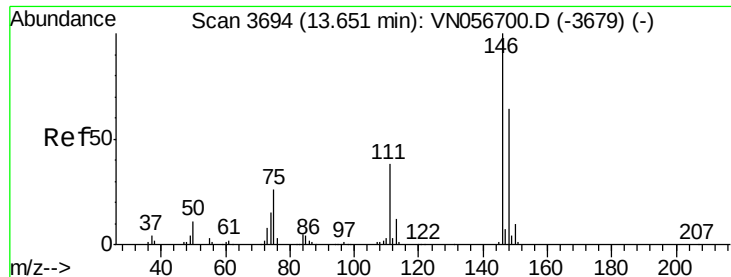
Tot Ion: 91 Resp: 648030
Ion Ratio Lower Upper
91 100
92 52.3 26.0 78.0
134 26.7 13.4 40.2



#90
Hexachloroethane
Concen: 44.018 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

Tgt Ion: 117 Resp: 112572
Ion Ratio Lower Upper
117 100
201 93.4 46.5 139.5

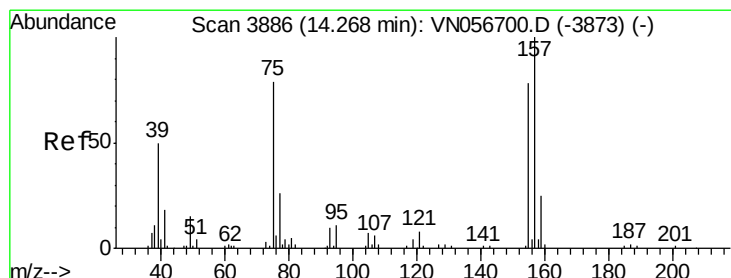
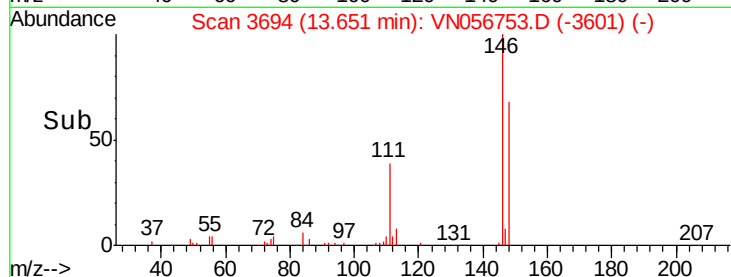
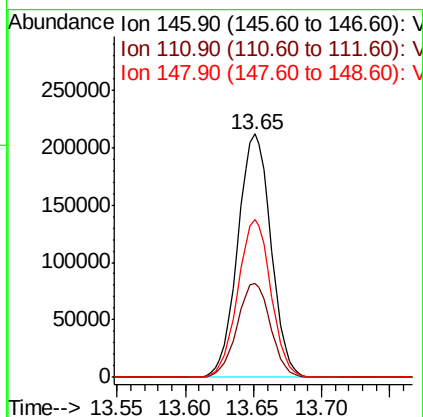
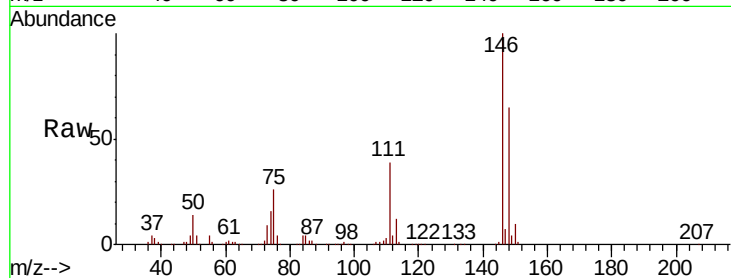




#91
 1,2-Dichlorobenzene
 Concen: 44.042 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056753.D
 Acq: 16 Jul 2019 8:56

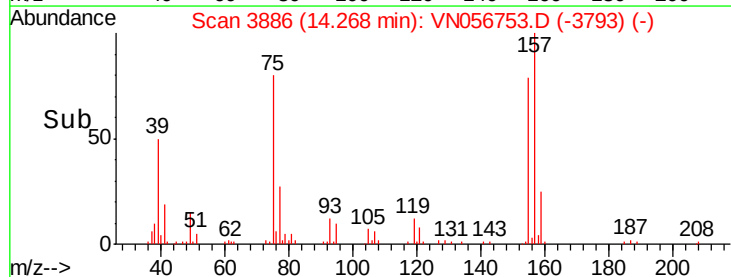
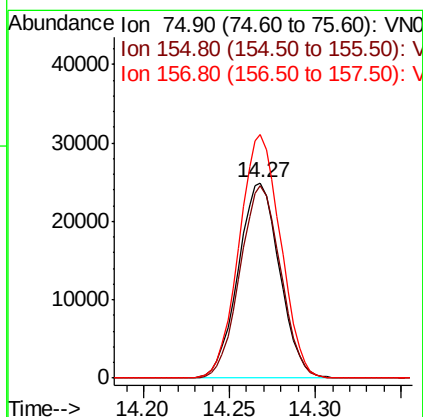
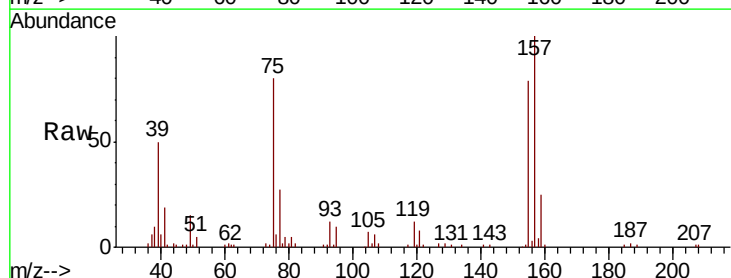
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

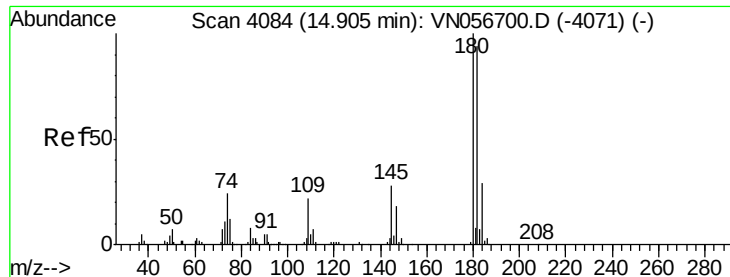
Tot Ion:146 Resp: 357913
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.1 57.1
 148 64.3 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.094 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056753.D
 Acq: 16 Jul 2019 8:56

Tgt Ion: 75 Resp: 41841
 Ion Ratio Lower Upper
 75 100
 155 96.3 49.3 147.9
 157 124.4 62.4 187.1

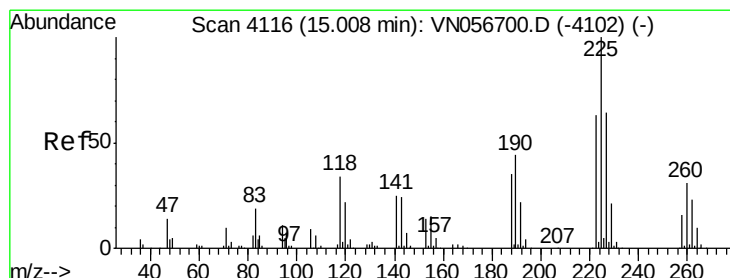
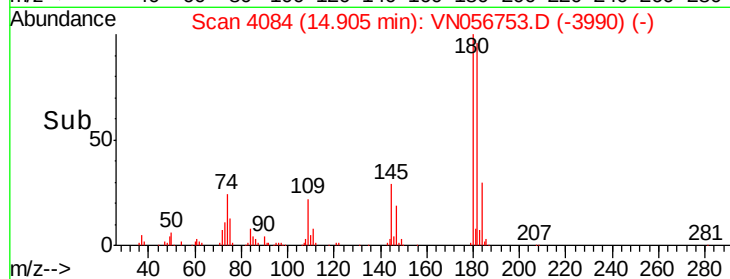
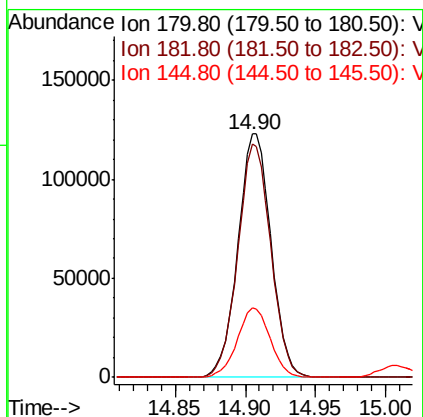
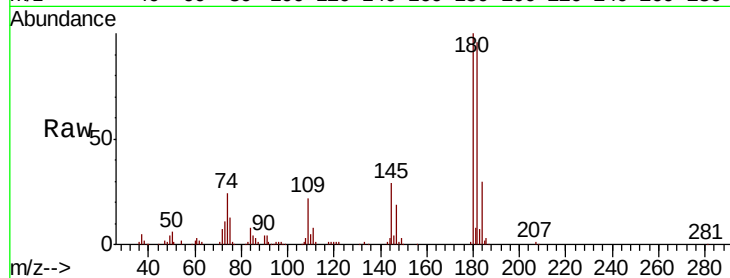




#93
 1,2,4-Trichlorobenzene
 Concen: 45.338 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN056753.D
 Acq: 16 Jul 2019 8:56

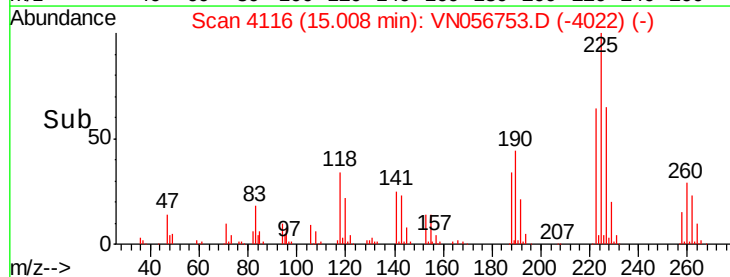
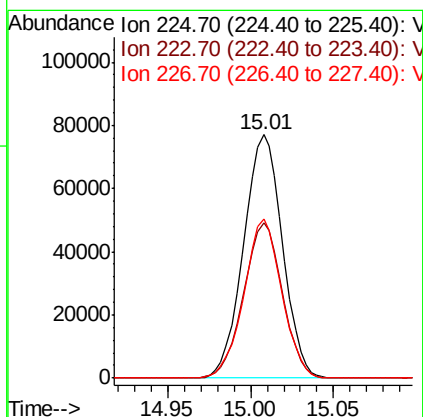
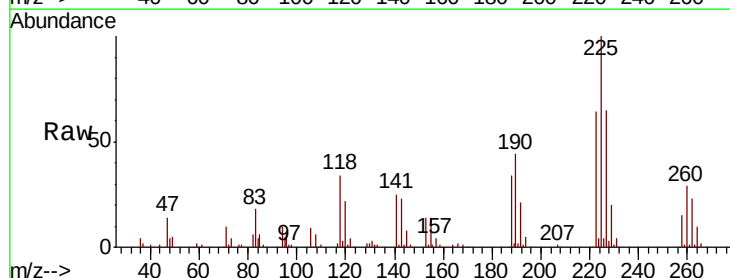
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

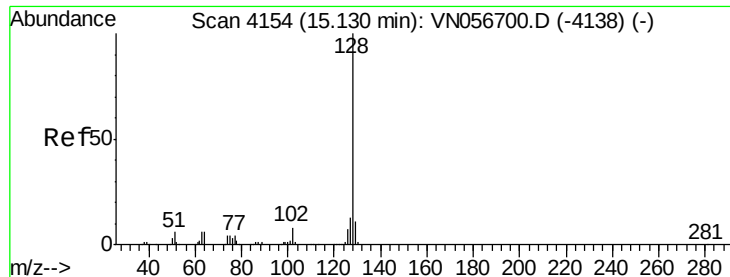
Tot Ion:180 Resp: 201880
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.2 141.6
 145 28.4 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 49.014 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056753.D
 Acq: 16 Jul 2019 8:56

Tgt Ion:225 Resp: 125208
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.5 94.5
 227 63.6 32.0 96.2

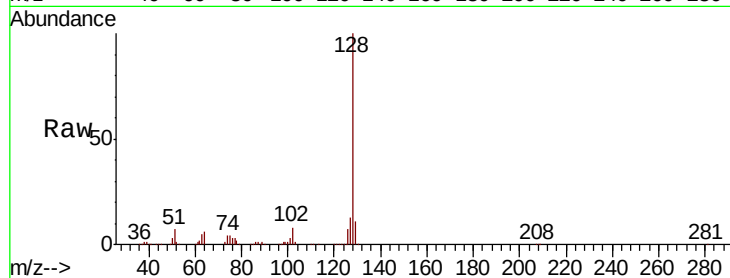




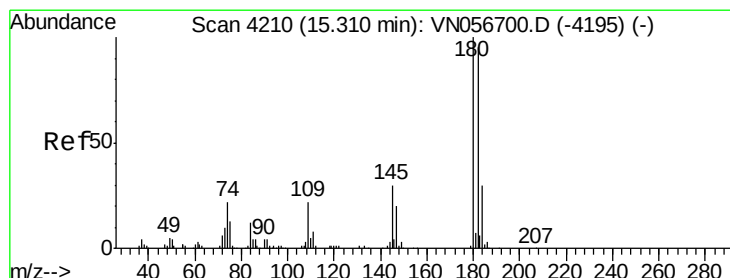
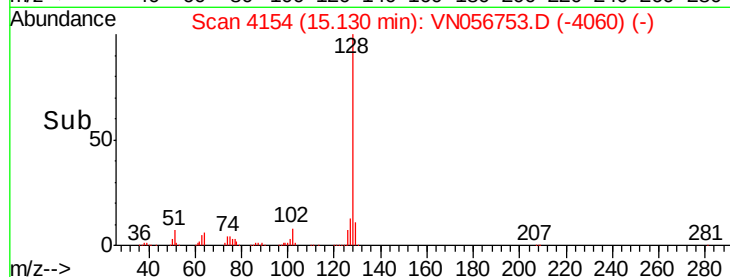
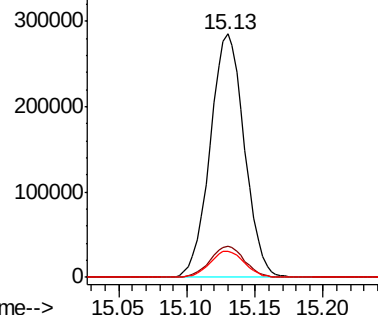
#95
Naphthalene
Concen: 41.230 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 497091
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.7 13.1

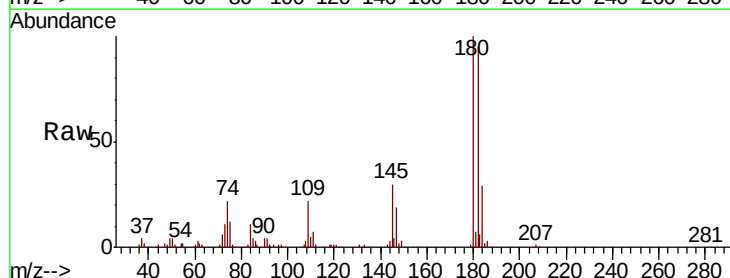


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 45.397 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN056753.D
Acq: 16 Jul 2019 8:56

Tgt Ion:180 Resp: 200894
Ion Ratio Lower Upper
180 100
182 94.7 47.1 141.3
145 29.9 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

