

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090519\
 Data File : VN057700.D
 Acq On : 5 Sep 2019 12:53
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Sep 06 01:30:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 04 02:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	59221	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	348773	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	291575	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.02	65	187813	29.83	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.43%
60) 4-Bromofluorobenzene	12.40	95	139598	28.02	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.40%
63) Toluene-d8	10.09	98	432456	30.80	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.67%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	83821	19.646 ug/l	95
3) Chloromethane	2.05	50	78312	17.405 ug/l	97
4) Vinyl Chloride	2.18	62	70267	19.097 ug/l	95
5) Bromomethane	2.56	94	46868	19.925 ug/l	100
6) Chloroethane	2.70	64	48871	18.189 ug/l	93
7) Trichlorofluoromethane	3.02	101	136078	19.310 ug/l	98
8) Diethyl Ether	3.40	74	42805	18.467 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	70175	19.162 ug/l	100
10) 1,1-Dichloroethene	3.73	96	63566	19.026 ug/l	97
11) Methyl Iodide	3.94	142	81553	17.627 ug/l	97
12) Methyl Acetate	4.31	43	90709	18.185 ug/l	95
13) Acrolein	3.60	56	19044	67.285 ug/l	92
14) Acrylonitrile	4.97	53	161296	88.846 ug/l	99
15) Acetone	3.81	58	39647	77.856 ug/l	97
16) Carbon Disulfide	4.05	76	155487	18.526 ug/l	95
17) Allyl chloride	4.31	41	136829	19.176 ug/l	99
18) Methylene Chloride	4.54	84	76153	18.190 ug/l	97
19) trans-1,2-Dichloroethene	5.03	96	66896	18.929 ug/l	93
20) Diisopropyl ether	5.93	45	292057	18.995 ug/l	100
21) 1,1-Dichloroethane	5.83	63	148772	18.772 ug/l	99
22) cis-1,2-Dichloroethene	6.82	96	81717	18.931 ug/l	98
23) tert-Butyl Alcohol	4.76	59	53753	81.428 ug/l	# 100
24) Methyl tert-Butyl Ether	5.03	73	249003	18.757 ug/l	98
25) Chloroform	7.36	83	157414	19.161 ug/l	100
26) Cyclohexane	7.64	56	125755	18.634 ug/l	# 95
29) 1,1-Dichloropropene	7.78	75	105829	19.002 ug/l	98
30) 2-Butanone	6.82	43	231353	87.936 ug/l	# 98
31) 2,2-Dichloropropane	6.82	77	122681	17.798 ug/l	# 75
32) 1,1,1-Trichloroethane	7.56	97	135795	19.694 ug/l	99
33) Carbon Tetrachloride	7.76	117	109250	19.511 ug/l	93
34) Benzene	8.03	78	311325	19.460 ug/l	95
35) Methacrylonitrile	7.16	41	52363	21.726 ug/l	94
36) 1,2-Dichloroethane	8.11	62	136651	19.167 ug/l	# 100
37) Trichloroethene	8.83	130	74045	19.492 ug/l	91
38) Methylcyclohexane	9.08	83	117524	19.016 ug/l	98
39) 1,2-Dichloropropane	9.11	63	85309	19.501 ug/l	92
40) Dibromomethane	9.20	93	53971	19.032 ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090519\
 Data File : VN057700.D
 Acq On : 5 Sep 2019 12:53
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC020EC

Quant Time: Sep 06 01:30:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 04 02:08:50 2019
 Response via : Initial Calibration

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

41) Bromodichloromethane	9.40	83	114874	18.741	ug/l #	98
42) Vinyl Acetate	5.88	43	1145572	99.066	ug/l	100
43) Ethyl Acetate	6.91	43	93663	17.288	ug/l #	79
44) Isopropyl Acetate	8.15	43	188406	18.601	ug/l	100
45) 1,4-Dioxane	9.19	88	20107	309.249	ug/l #	91
46) Methyl methacrylate	9.19	41	89733	18.258	ug/l	96
47) n-amyl Acetate	12.07	43	124560	15.857	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	112894	17.559	ug/l	92
49) cis-1,3-Dichloropropene	9.83	75	124053	18.084	ug/l	96
50) 1,1,2-Trichloroethane	10.56	97	73190	19.136	ug/l	97
51) Ethyl methacrylate	10.43	69	109613	17.581	ug/l	100
52) 1,3-Dichloropropane	10.70	76	126348	18.560	ug/l	99
53) Dibromochloromethane	10.90	129	71484	17.908	ug/l	98
54) 1,2-Dibromoethane	11.00	107	71069	18.588	ug/l	97
55) 2-Chloroethyl vinyl ether	9.69	63	122392	62.129	ug/l	98
56) Bromoform	12.13	173	41398	16.724	ug/l	98
58) 4-Methyl-2-Pentanone	9.98	43	523378	101.570	ug/l	99
59) 2-Hexanone	10.75	43	340476	93.374	ug/l	98
61) Tetrachloroethene	10.63	164	69239	20.680	ug/l	98
62) Toluene	10.15	91	319034	19.488	ug/l	100
64) Chlorobenzene	11.43	112	182872	19.024	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	70815	20.109	ug/l	95
66) Ethyl Benzene	11.51	91	362276	19.797	ug/l	98
67) m/p-Xylenes	11.62	106	241800	37.676	ug/l	98
68) o-Xylene	11.95	106	119793	18.746	ug/l	95
69) Styrene	11.96	104	178076	17.386	ug/l	98
70) Isopropylbenzene	12.25	105	340025	19.398	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.51	83	89285	19.360	ug/l	98
72) 1,2,3-Trichloropropane	12.55	75	113922	26.265	ug/l	62
73) Bromobenzene	12.53	156	66961	18.027	ug/l	99
74) n-propylbenzene	12.59	91	343942	17.726	ug/l	99
75) 2-Chlorotoluene	12.68	91	226145	18.616	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	275314	18.920	ug/l	97
77) t-1,4-Dichloro-2-butene	12.30	75	21015	15.872	ug/l	90
78) 4-Chlorotoluene	12.78	91	193833	16.794	ug/l	100
79) tert-butylbenzene	12.99	119	229352	18.352	ug/l	98
80) 1,2,4-Trimethylbenzene	13.04	105	246029	17.995	ug/l	100
81) sec-Butylbenzene	13.17	105	283677	17.614	ug/l	99
82) p-Isopropyltoluene	13.29	119	227683	16.645	ug/l	99
83) 1,3-Dichlorobenzene	13.29	146	95522	17.171	ug/l	99
84) 1,4-Dichlorobenzene	13.37	146	88057	16.768	ug/l	97
85) n-Butylbenzene	13.62	91	193071	16.058	ug/l	99
86) Hexachloroethane	13.88	117	45122	18.229	ug/l	96
87) 1,2-Dichlorobenzene	13.66	146	96803	18.861	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.27	75	10384	15.358	ug/l	97
89) 1,2,4-Trichlorobenzene	14.91	180	22440	12.619	ug/l	92
90) Hexachlorobutadiene	15.01	225	33845	17.159	ug/l	98
91) Naphthalene	15.13	128	52645	11.399	ug/l	98
92) 1,2,3-Trichlorobenzene	15.30	180	22183	12.838	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090519\
Data File : VN057700.D
Acq On : 5 Sep 2019 12:53
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Quant Time: Sep 06 01:30:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 04 02:08:50 2019
Response via : Initial Calibration

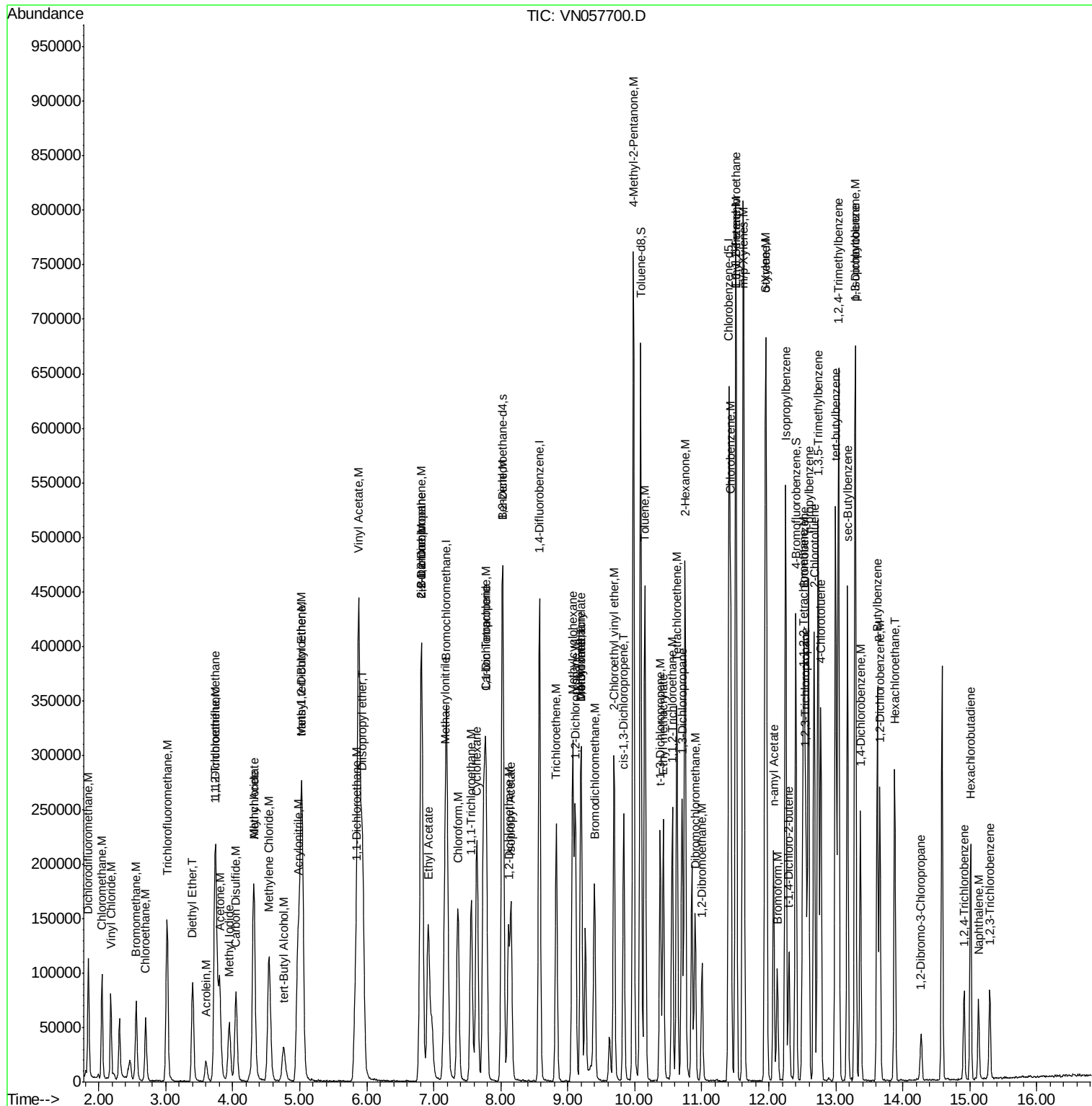
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

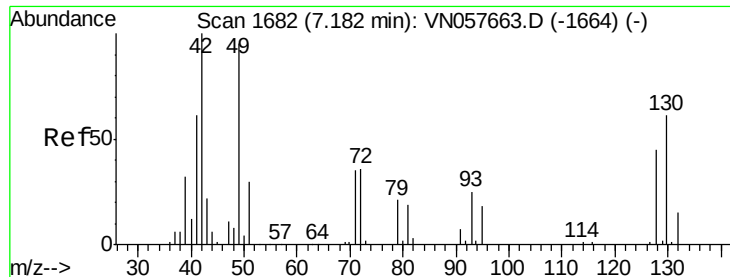
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN090519\
Data File : VN057700.D
Acq On : 5 Sep 2019 12:53
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC020EC

Quant Time: Sep 06 01:30:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\624N090319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 04 02:08:50 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

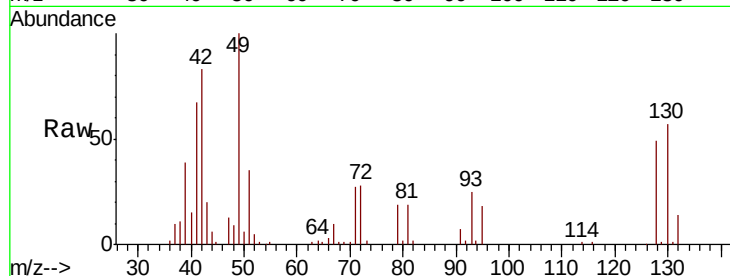
Tgt Ion:128 Resp: 59221

Ion Ratio Lower Upper

128 100

49 211.7 0.0 544.5

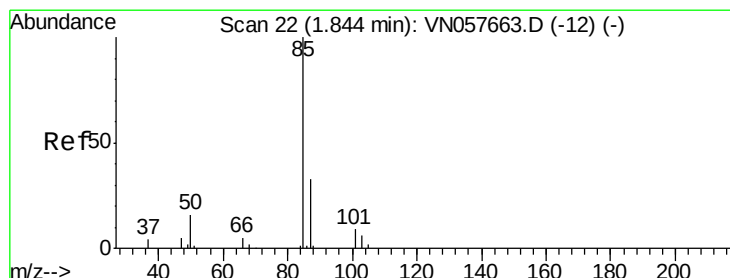
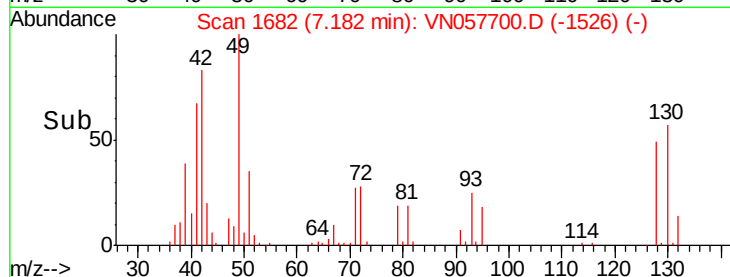
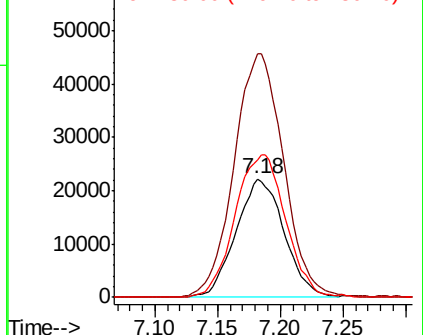
130 126.4 0.0 324.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.646 ug/l

RT: 1.84 min Scan# 22

Delta R.T. 0.00 min

Lab File: VN057700.D

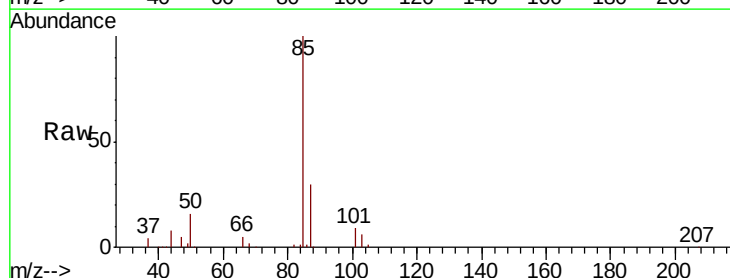
Acq: 5 Sep 2019 12:53

Tgt Ion: 85 Resp: 83821

Ion Ratio Lower Upper

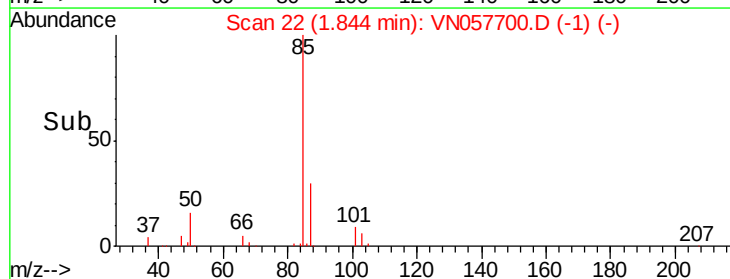
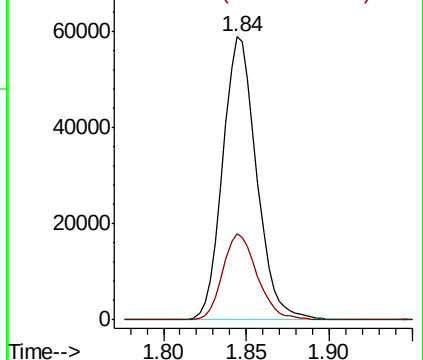
85 100

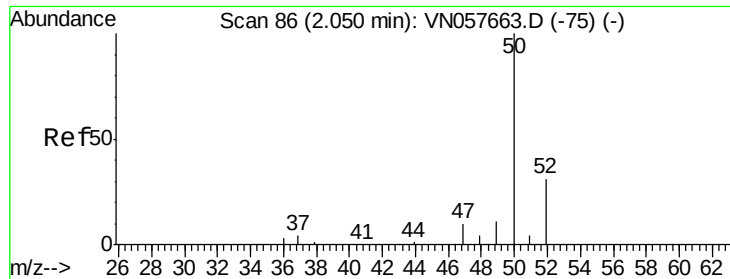
87 30.4 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 17.405 ug/l

RT: 2.05 min Scan# 85

Delta R.T. -0.00 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

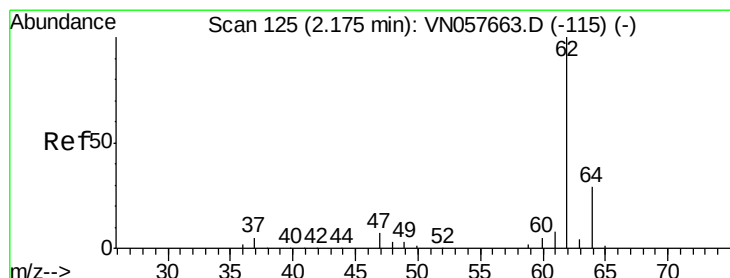
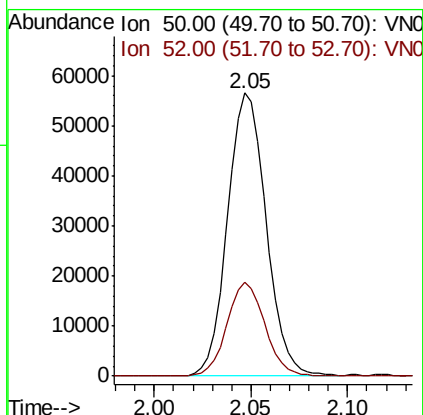
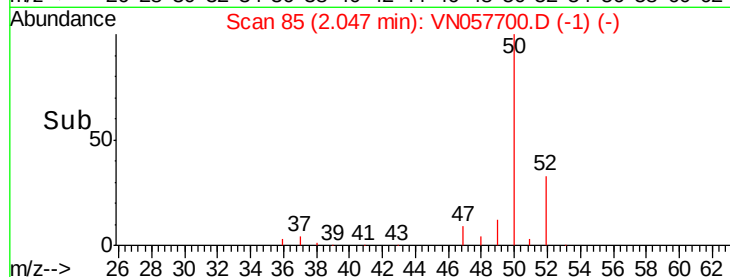
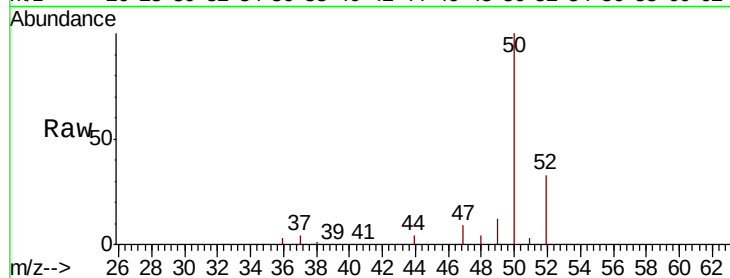
VSTDCCC020EC

Tgt Ion: 50 Resp: 78312

Ion Ratio Lower Upper

50 100

52 33.1 25.2 37.8



#4

Vinyl Chloride

Concen: 19.097 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.01 min

Lab File: VN057700.D

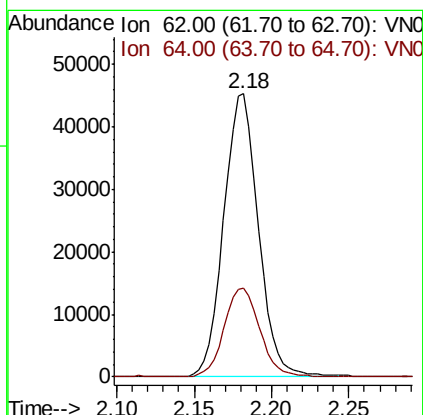
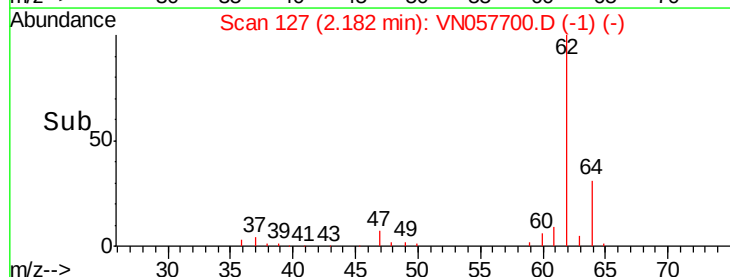
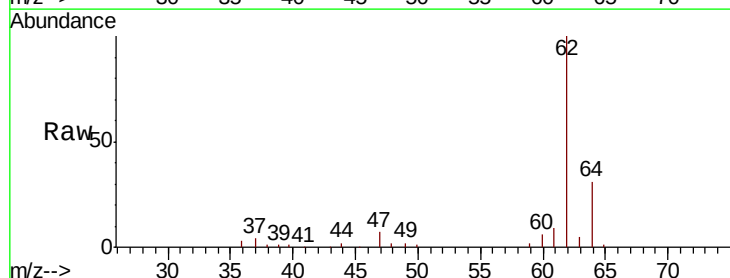
Acq: 5 Sep 2019 12:53

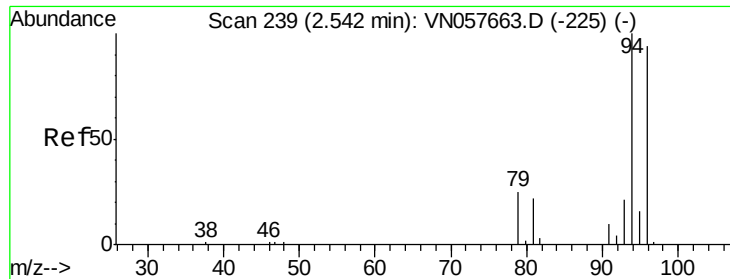
Tgt Ion: 62 Resp: 70267

Ion Ratio Lower Upper

62 100

64 31.5 23.2 34.8

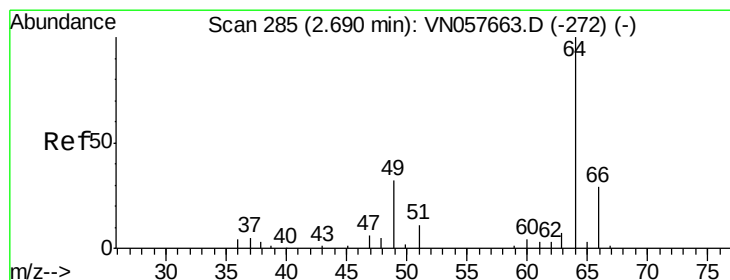
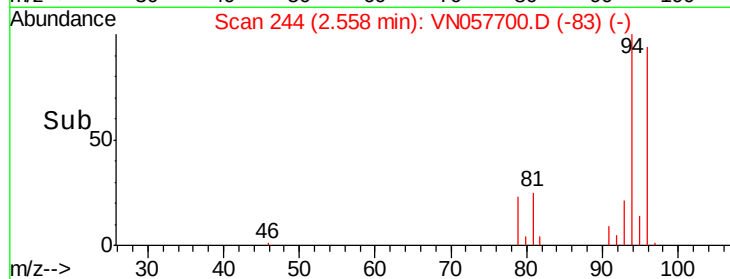
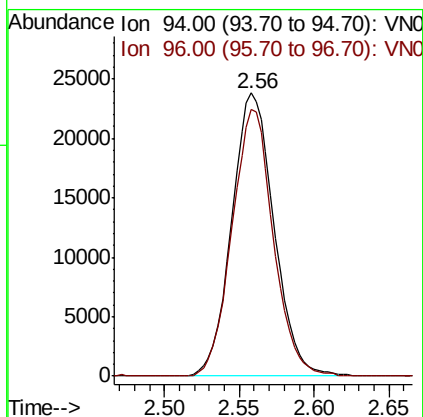
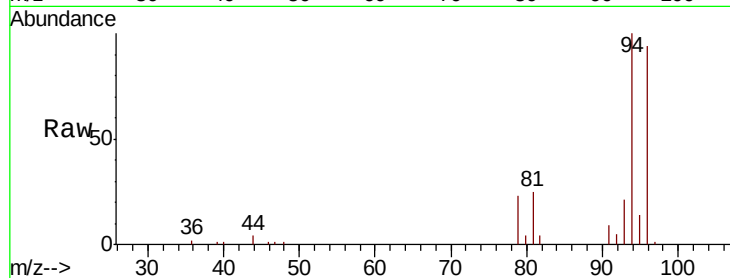




#5
Bromomethane
Concen: 19.925 ug/l
RT: 2.56 min Scan# 244
Delta R.T. 0.02 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

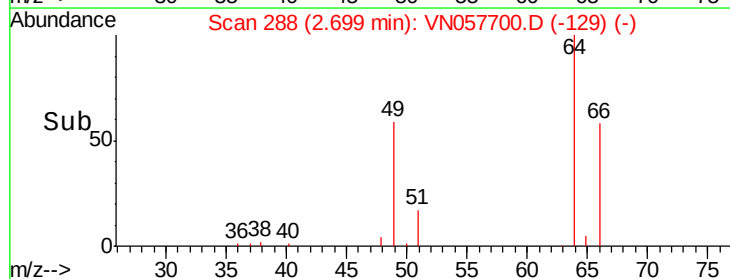
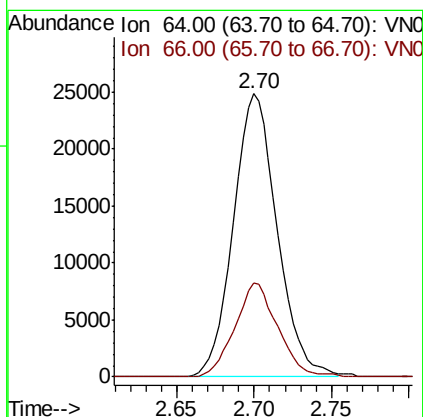
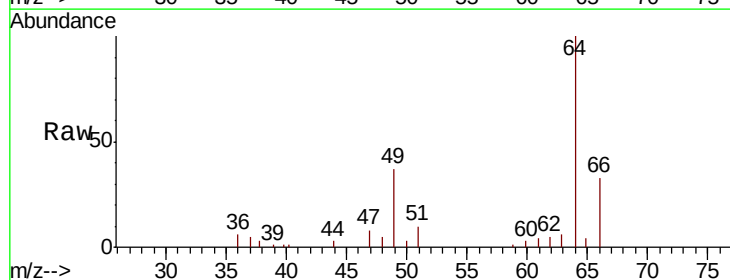
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

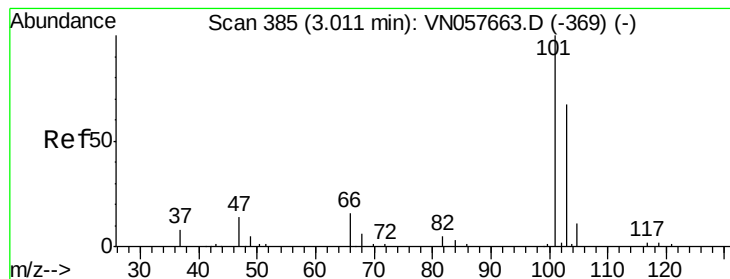
Tgt Ion: 94 Resp: 46868
Ion Ratio Lower Upper
94 100
96 94.2 75.6 113.4



#6
Chloroethane
Concen: 18.189 ug/l
RT: 2.70 min Scan# 288
Delta R.T. 0.01 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

Tgt Ion: 64 Resp: 48871
Ion Ratio Lower Upper
64 100
66 33.4 23.5 35.3



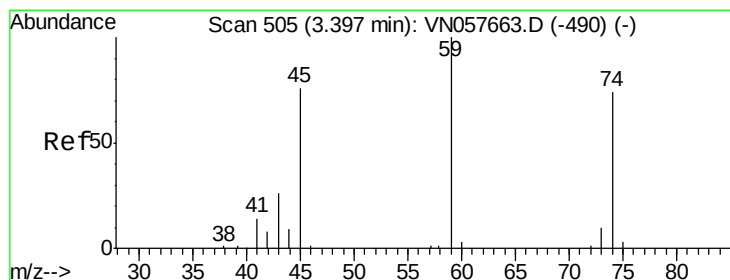
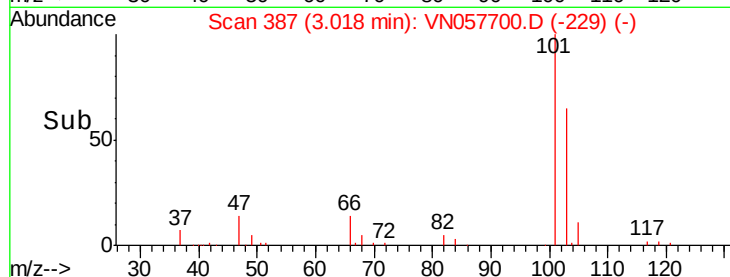
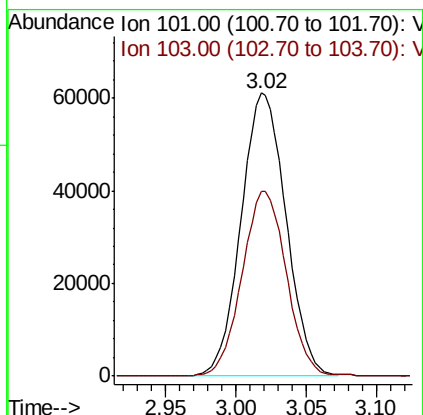
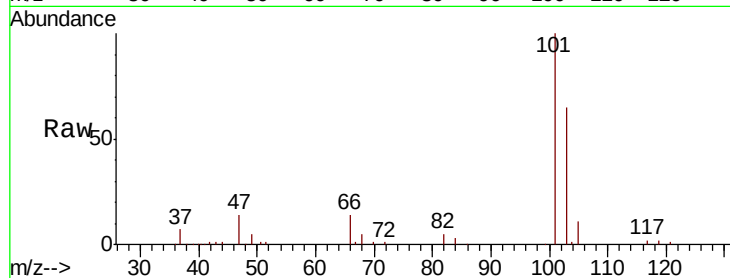


#7

Trichlorofluoromethane
 Concen: 19.310 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.01 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

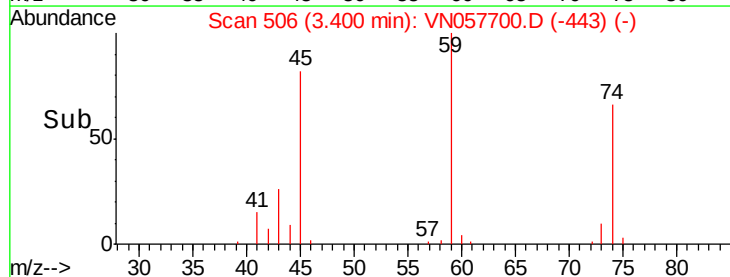
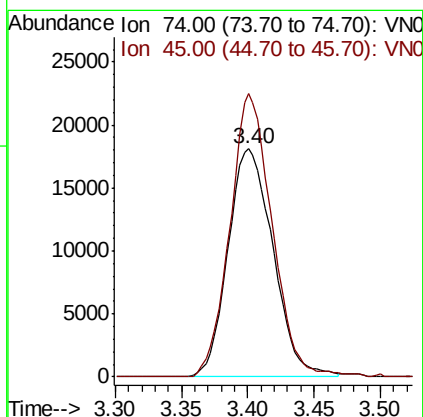
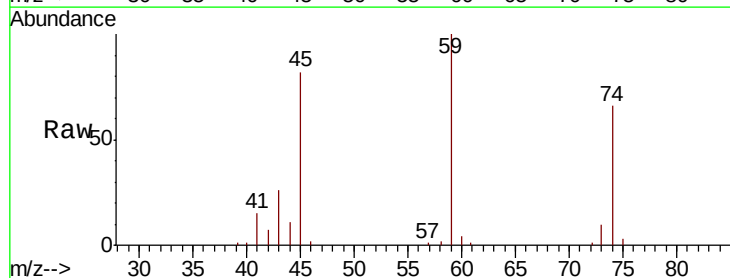
Tgt Ion: 101 Resp: 136078
 Ion Ratio Lower Upper
 101 100
 103 65.3 53.6 80.4

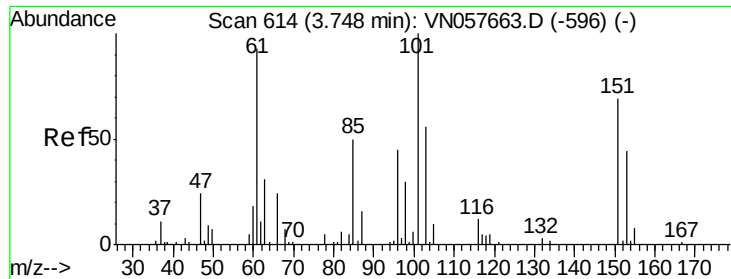


#8

Diethyl Ether
 Concen: 18.467 ug/l
 RT: 3.40 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

Tgt Ion: 74 Resp: 42805
 Ion Ratio Lower Upper
 74 100
 45 114.9 22.9 205.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.162 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.01 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

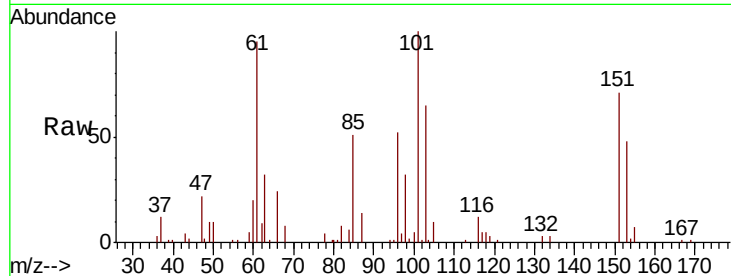
Tgt Ion:101 Resp: 70175

Ion Ratio Lower Upper

101 100

85 50.1 0.0 100.2

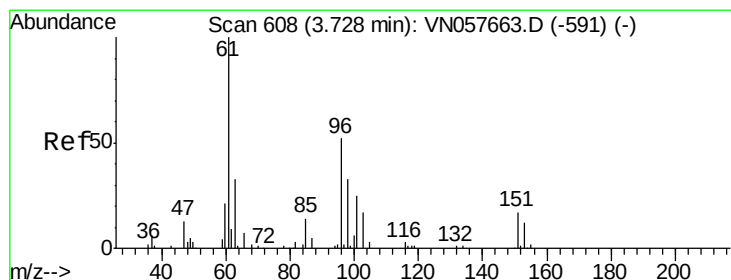
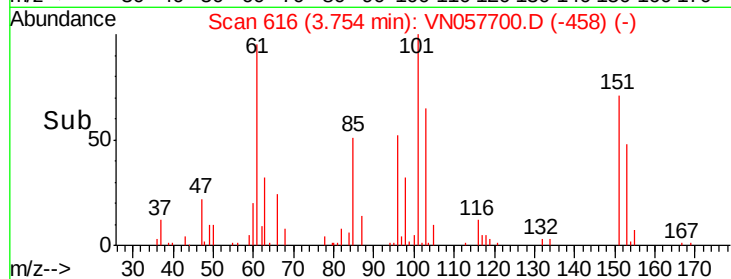
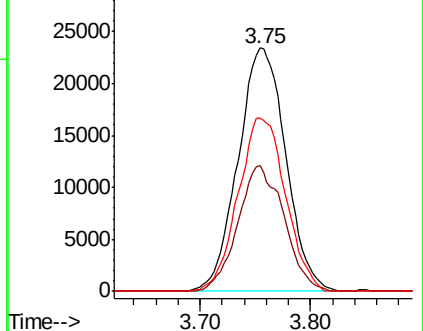
151 70.8 0.0 140.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.026 ug/l

RT: 3.73 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

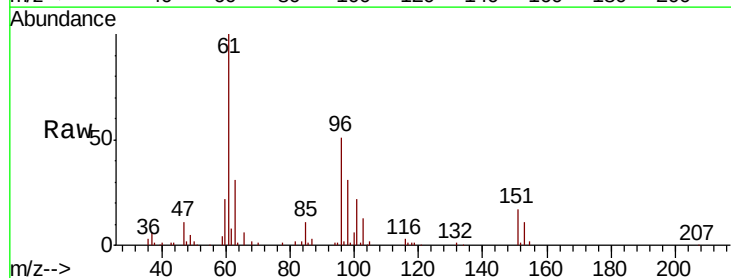
Tgt Ion: 96 Resp: 63566

Ion Ratio Lower Upper

96 100

61 195.9 152.9 229.3

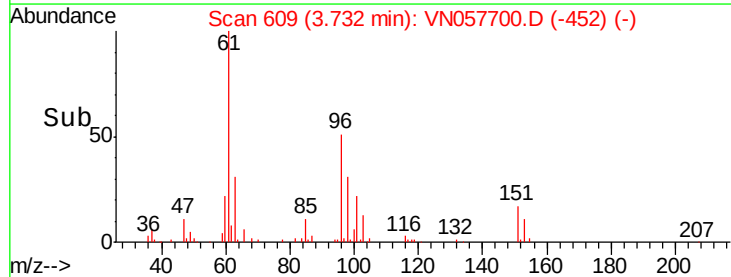
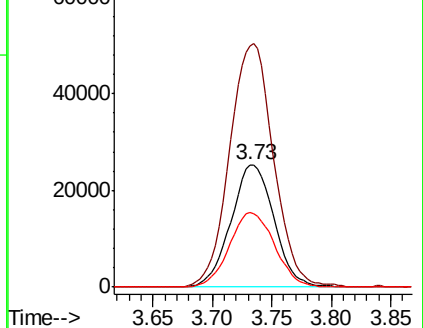
98 61.2 51.0 76.4

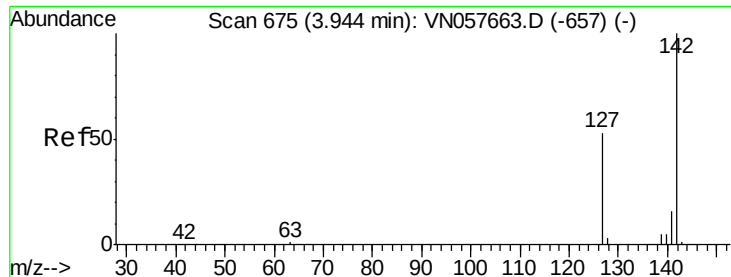


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

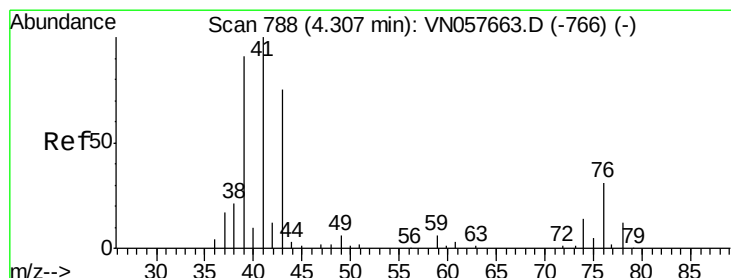
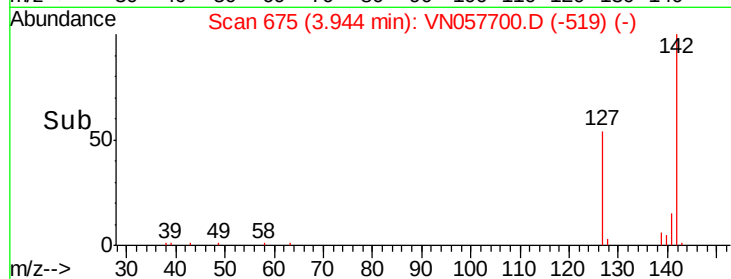
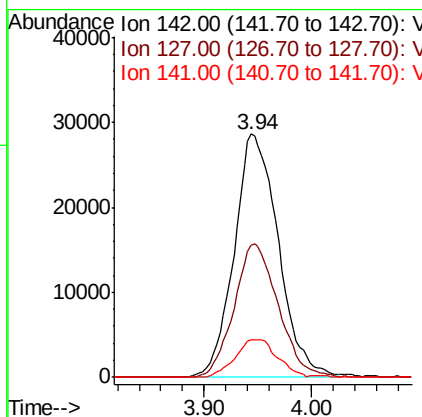
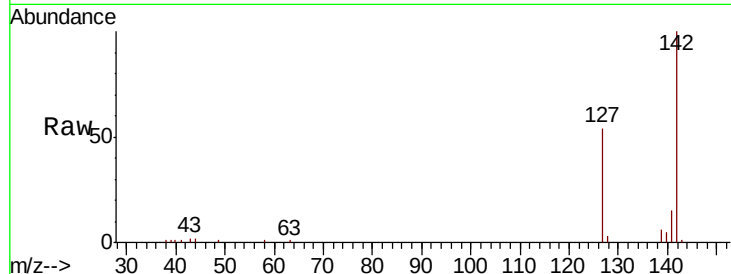




#11
Methyl Iodide
Concen: 17.627 ug/l
RT: 3.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

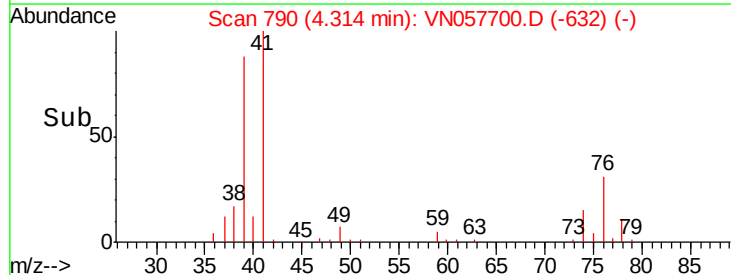
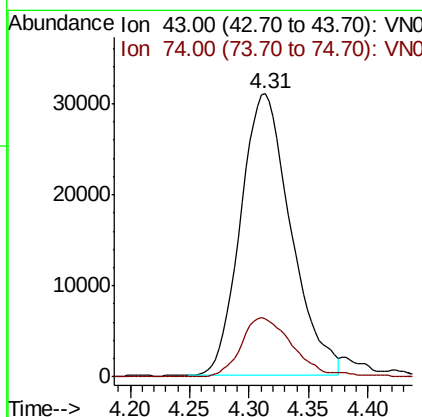
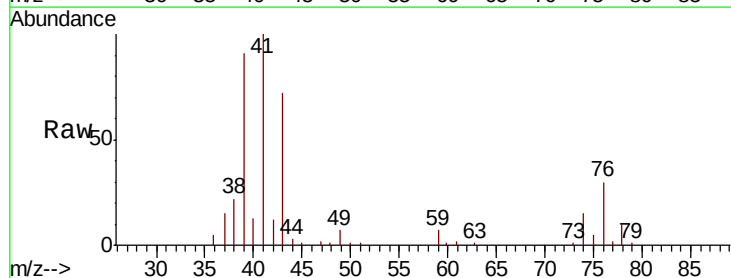
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

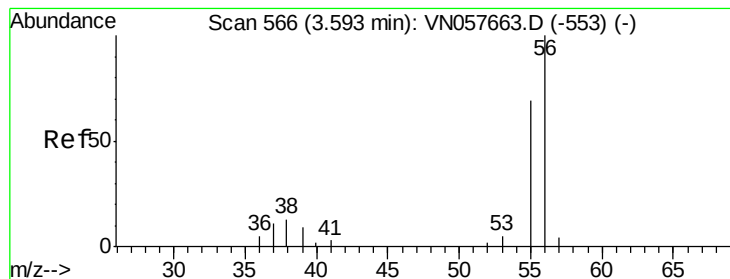
Tgt Ion:142 Resp: 81553
Ion Ratio Lower Upper
142 100
127 54.6 26.2 78.5
141 15.5 7.6 22.9



#12
Methyl Acetate
Concen: 18.185 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.01 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

Tgt Ion: 43 Resp: 90709
Ion Ratio Lower Upper
43 100
74 20.5 14.6 22.0





#13

Acrolein

Concen: 67.285 ug/l

RT: 3.60 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

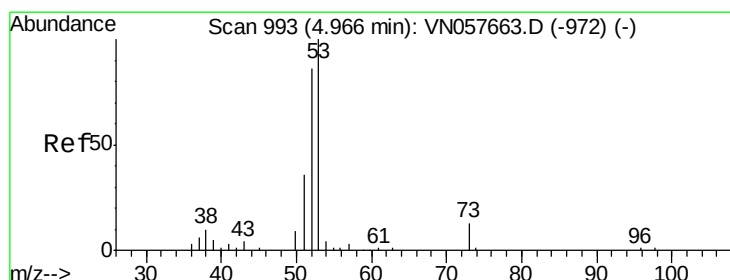
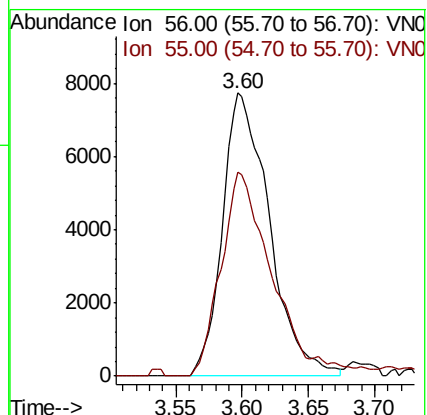
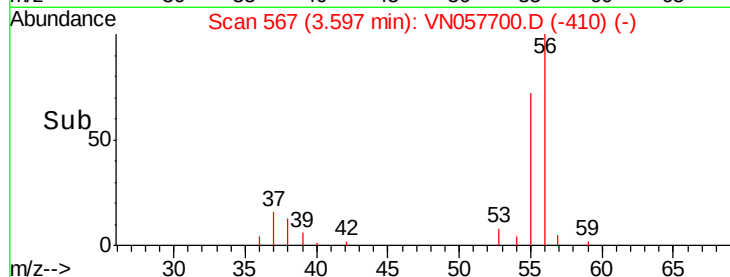
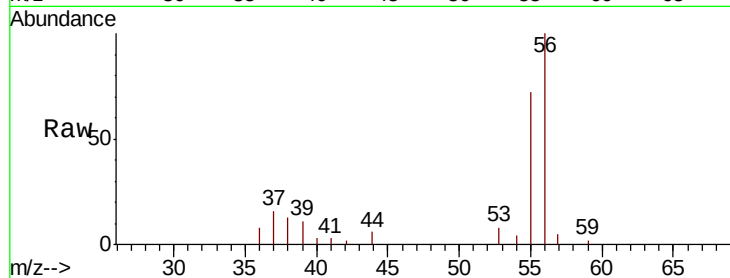
VSTDCCC020EC

Tgt Ion: 56 Resp: 19044

Ion Ratio Lower Upper

56 100

55 74.5 54.2 81.4



#14

Acrylonitrile

Concen: 88.846 ug/l

RT: 4.97 min Scan# 995

Delta R.T. 0.01 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

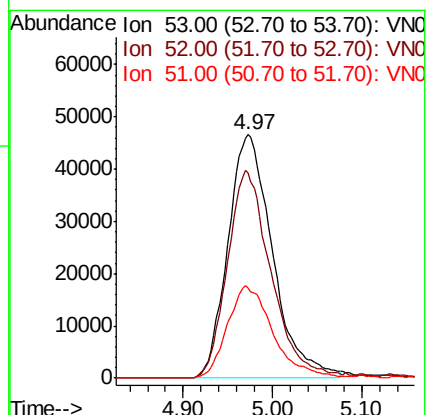
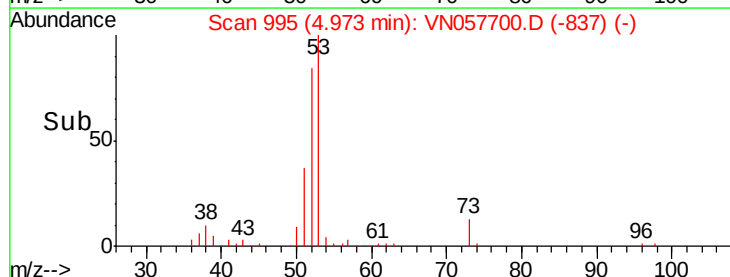
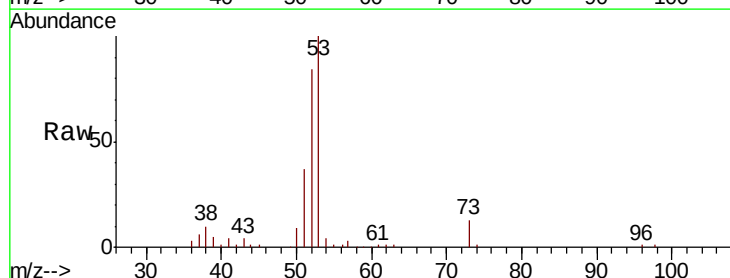
Tgt Ion: 53 Resp: 161296

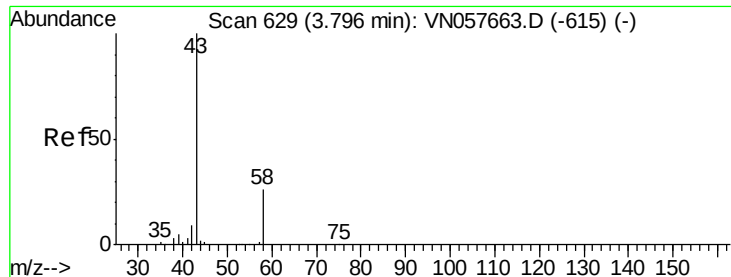
Ion Ratio Lower Upper

53 100

52 82.1 41.9 125.7

51 38.8 19.4 58.2





#15

Acetone

Concen: 77.856 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

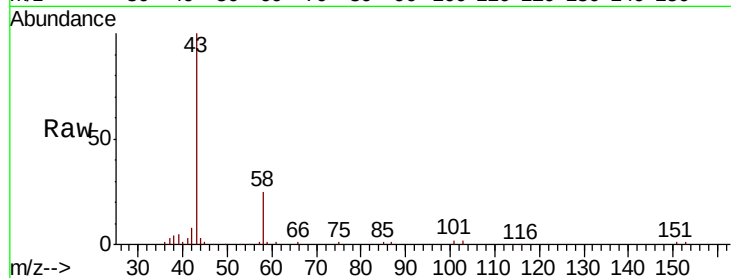
VSTDCCC020EC

Tgt Ion: 58 Resp: 39647

Ion Ratio Lower Upper

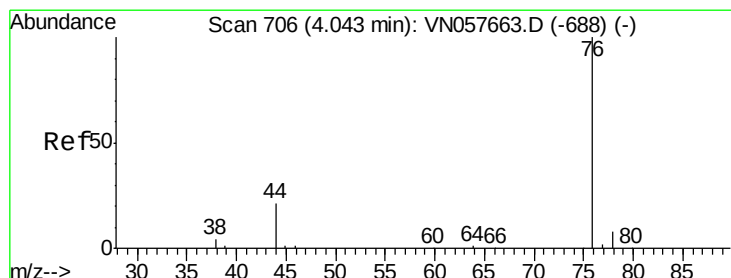
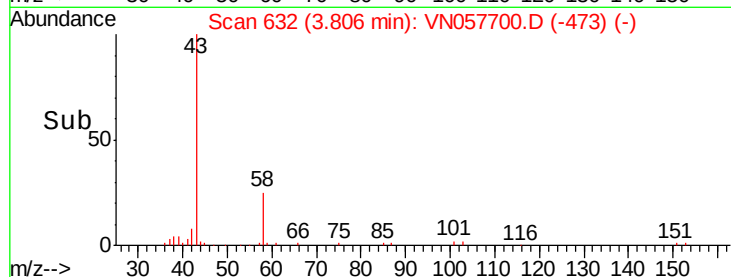
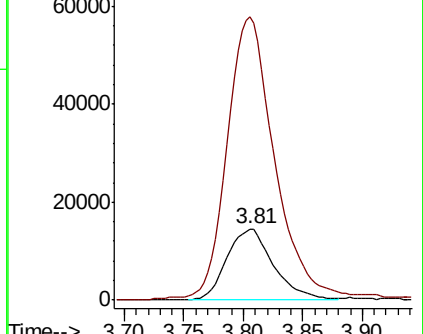
58 100

43 392.4 308.8 463.2



Abundance Ion 58.00 (57.70 to 58.70): VN057700.D (-473) (-)

Ion 43.00 (42.70 to 43.70): VN057700.D (-473) (-)



#16

Carbon Disulfide

Concen: 18.526 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN057700.D

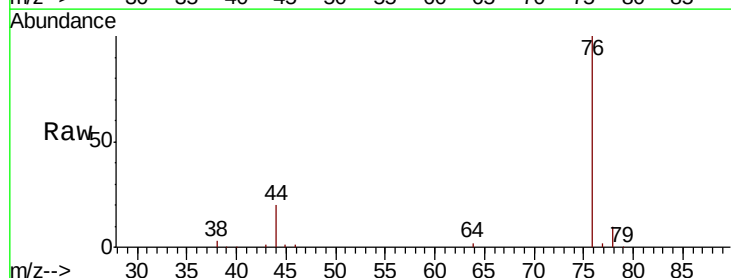
Acq: 5 Sep 2019 12:53

Tgt Ion: 76 Resp: 155487

Ion Ratio Lower Upper

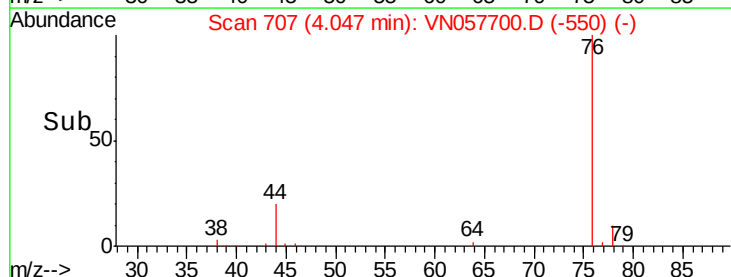
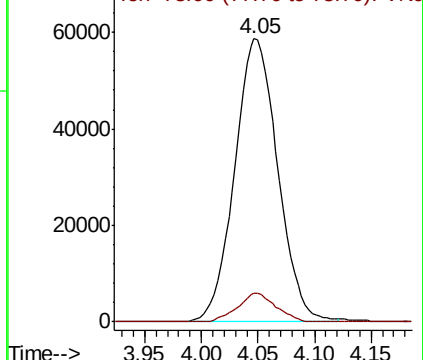
76 100

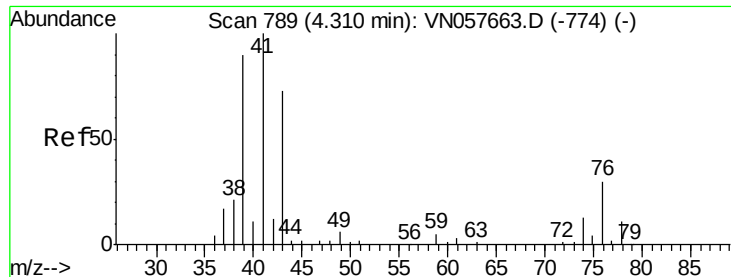
78 10.1 6.8 10.2



Abundance Ion 76.00 (75.70 to 76.70): VN057700.D (-550) (-)

Ion 78.00 (77.70 to 78.70): VN057700.D (-550) (-)

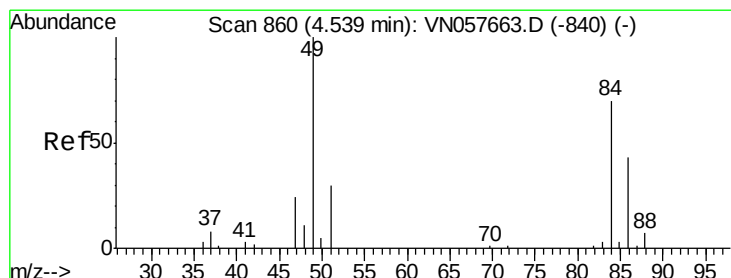
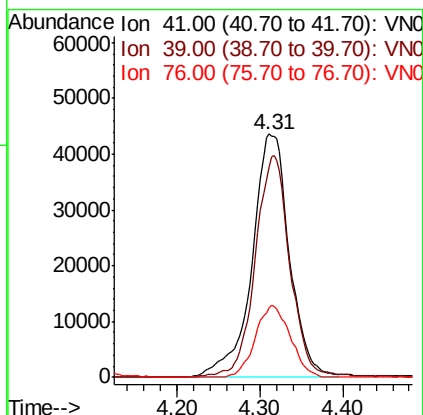
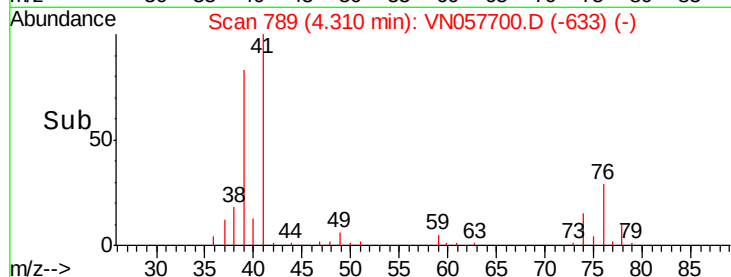
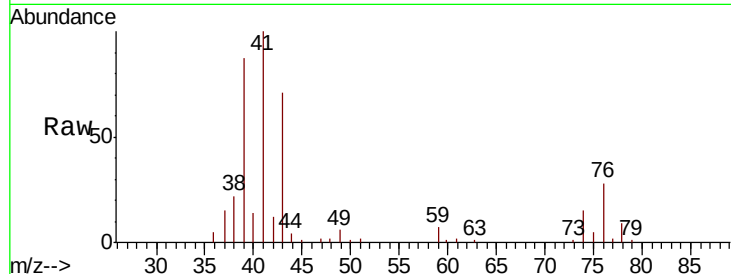




#17
 Allyl chloride
 Concen: 19.176 ug/l
 RT: 4.31 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

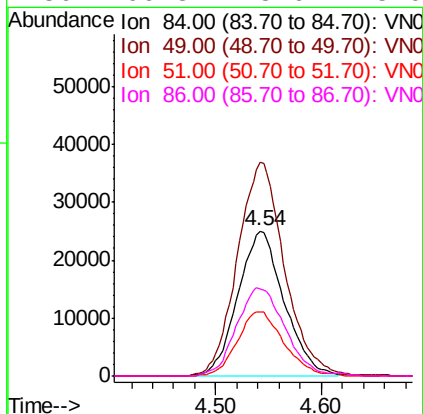
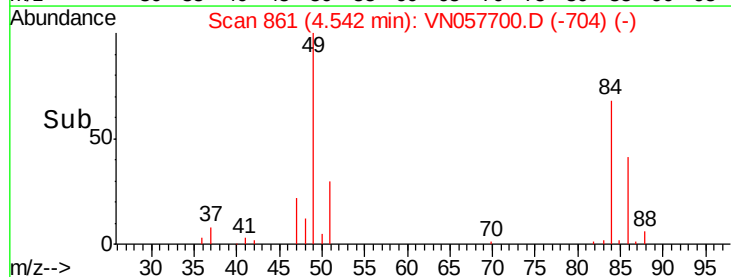
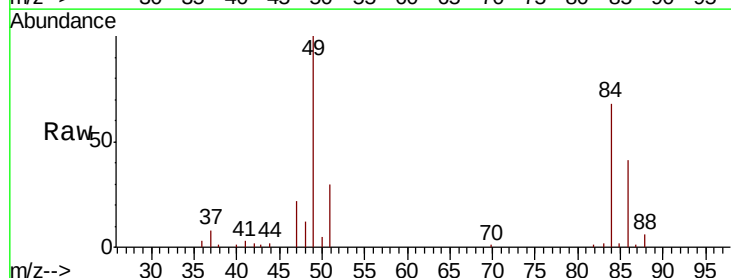
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

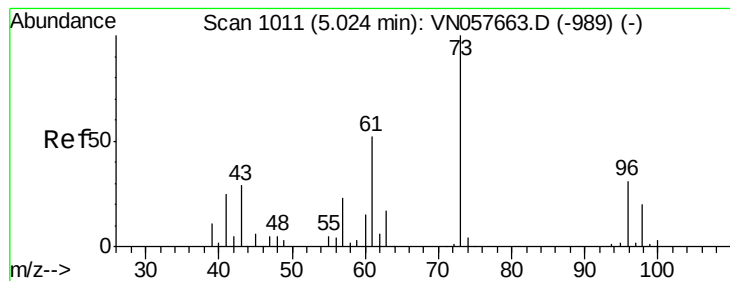
Tgt Ion: 41 Resp: 136829
 Ion Ratio Lower Upper
 41 100
 39 86.6 43.0 128.8
 76 28.3 14.2 42.8



#18
 Methylene Chloride
 Concen: 18.190 ug/l
 RT: 4.54 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

Tgt Ion: 84 Resp: 76153
 Ion Ratio Lower Upper
 84 100
 49 147.1 113.7 170.5
 51 44.5 34.5 51.7
 86 60.3 48.6 73.0





#19

trans-1,2-Dichloroethene

Concen: 18.929 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. 0.01 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

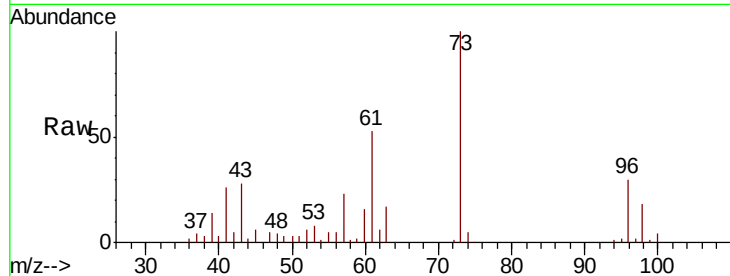
Tgt Ion: 96 Resp: 66896

Ion Ratio Lower Upper

96 100

61 176.9 133.4 200.0

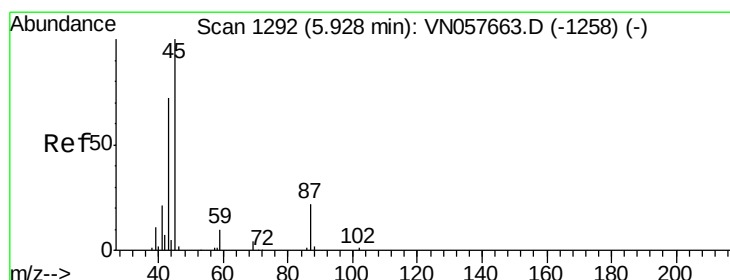
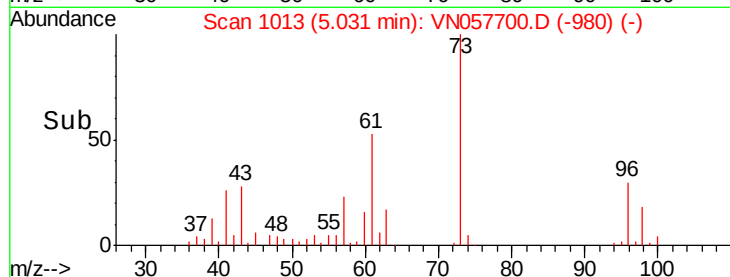
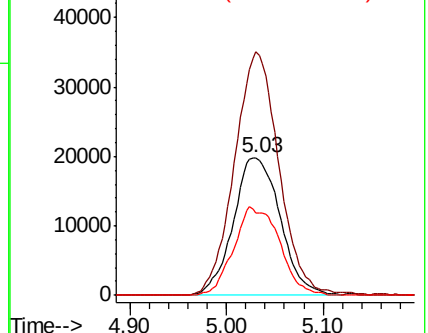
98 60.0 50.4 75.6



Abundance Ion 96.00 (95.70 to 96.70): VN057700.D (-1230) (-)

Ion 61.00 (60.70 to 61.70): VN057700.D (-1230) (-)

Ion 98.00 (97.70 to 98.70): VN057700.D (-1230) (-)



#20

Diisopropyl ether

Concen: 18.995 ug/l

RT: 5.93 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

Tgt Ion: 45 Resp: 292057

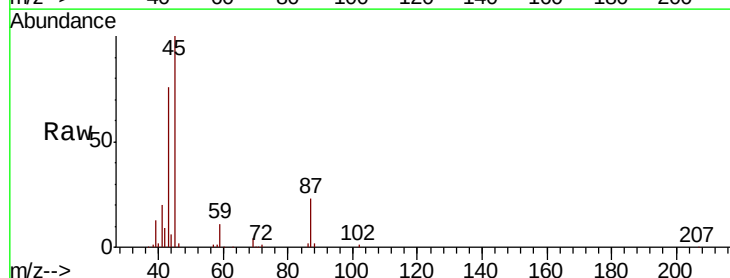
Ion Ratio Lower Upper

45 100

43 72.8 58.3 87.5

87 22.6 18.5 27.7

59 9.9 7.7 11.5

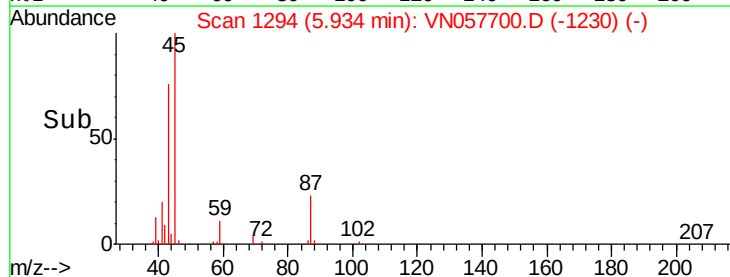
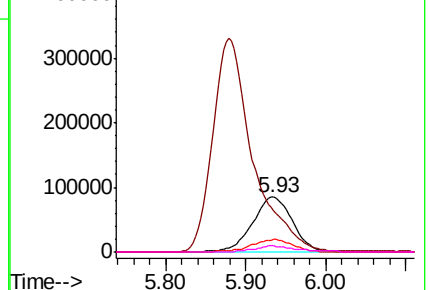


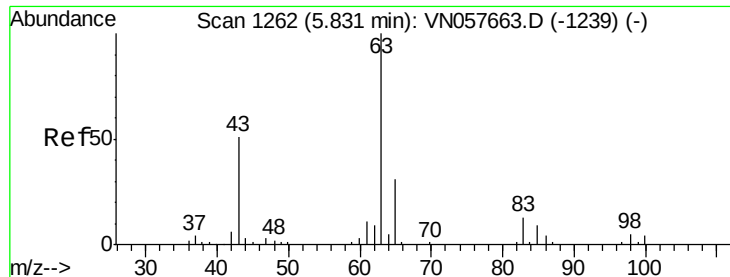
Abundance Ion 45.00 (44.70 to 45.70): VN057700.D (-1230) (-)

Ion 43.00 (42.70 to 43.70): VN057700.D (-1230) (-)

Ion 87.00 (86.70 to 87.70): VN057700.D (-1230) (-)

Ion 59.00 (58.70 to 59.70): VN057700.D (-1230) (-)

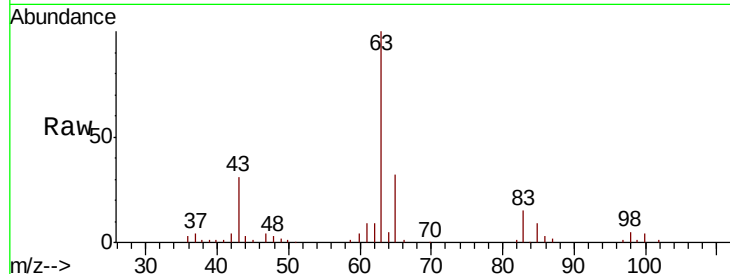




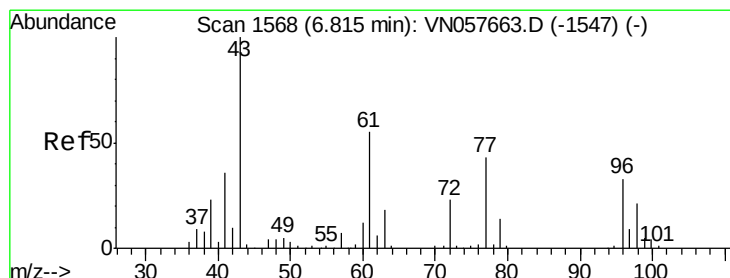
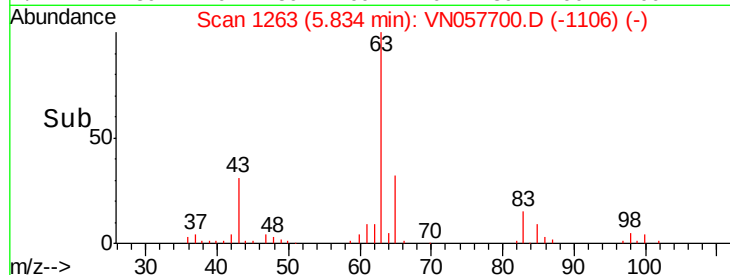
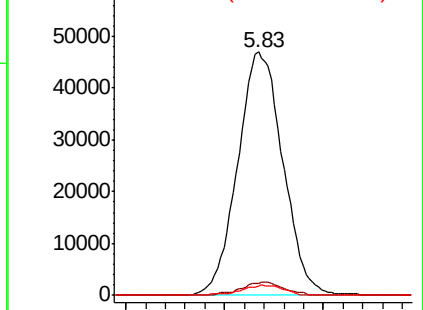
#21
 1,1-Dichloroethane
 Concen: 18.772 ug/l
 RT: 5.83 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion: 63 Resp: 148772
 Ion Ratio Lower Upper
 63 100
 98 4.9 2.6 7.8
 100 4.0 1.8 5.5

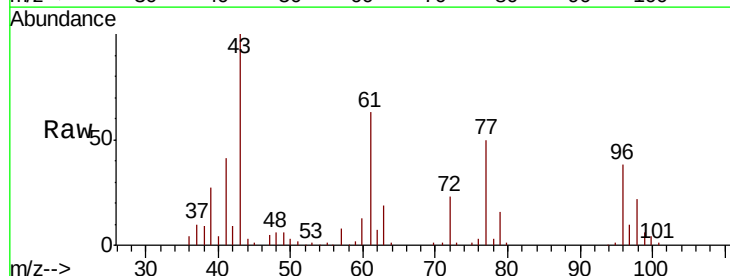


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

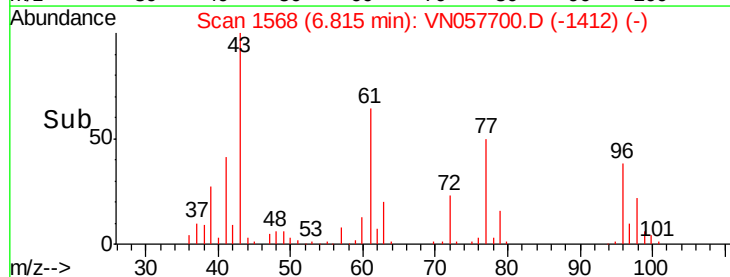
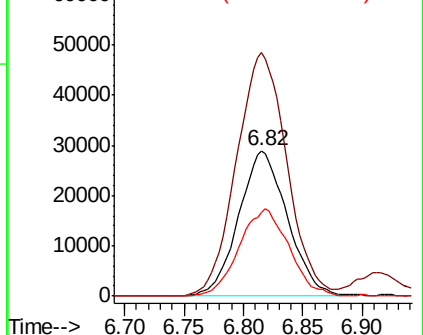


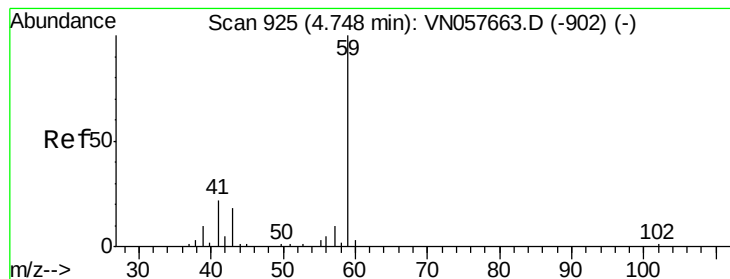
#22
 cis-1,2-Dichloroethene
 Concen: 18.931 ug/l
 RT: 6.82 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

Tgt Ion: 96 Resp: 81717
 Ion Ratio Lower Upper
 96 100
 61 173.6 137.2 205.8
 98 61.8 50.5 75.7



Abundance Ion 96.00 (95.70 to 96.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0





#23

tert-Butyl Alcohol

Concen: 81.428 ug/l

RT: 4.76 min Scan# 928

Delta R.T. 0.01 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

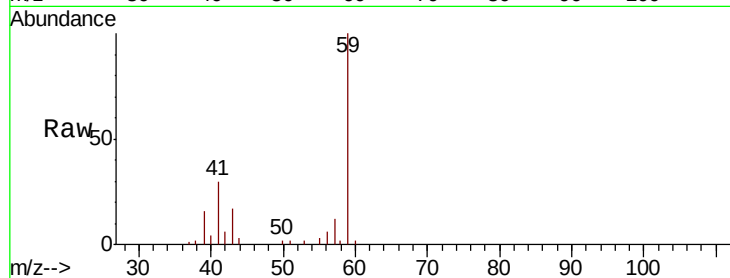
VSTDCCC020EC

Tgt Ion: 59 Resp: 53753

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

4.76

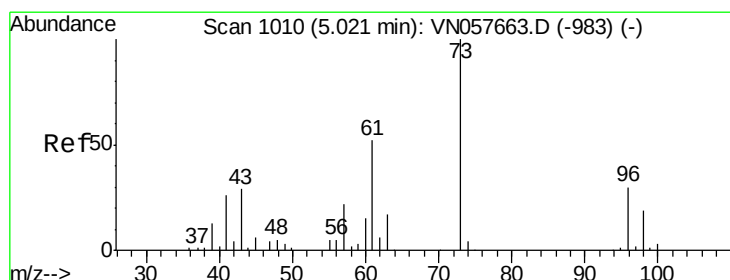
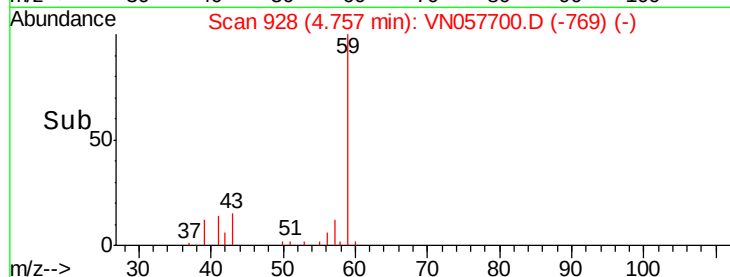
15000

10000

5000

0

Time-->



#24

Methyl tert-Butyl Ether

Concen: 18.757 ug/l

RT: 5.03 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN057700.D

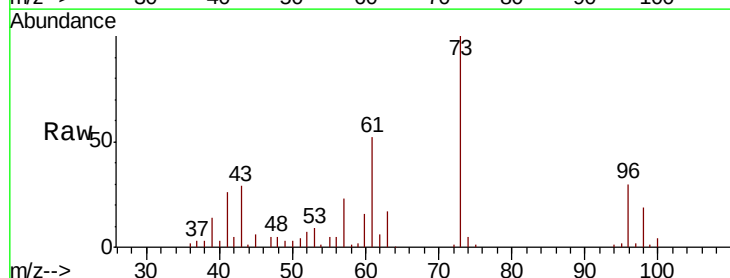
Acq: 5 Sep 2019 12:53

Tgt Ion: 73 Resp: 249003

Ion Ratio Lower Upper

73 100

43 27.9 23.2 34.8



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

5.03

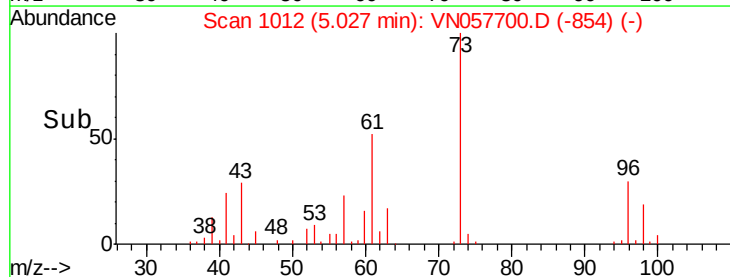
60000

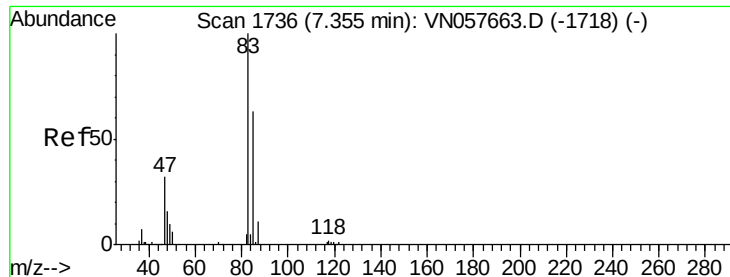
40000

20000

0

Time-->





#25

Chloroform

Concen: 19.161 ug/l

RT: 7.36 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

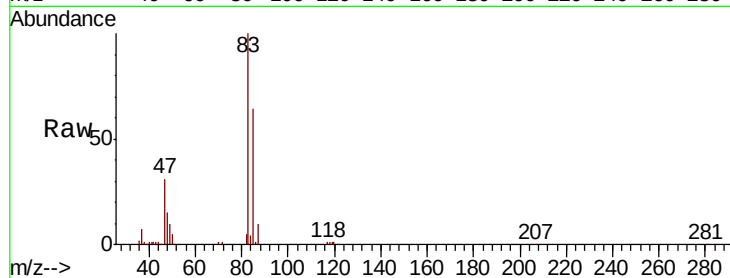
VSTDCCC020EC

Tgt Ion: 83 Resp: 157414

Ion Ratio Lower Upper

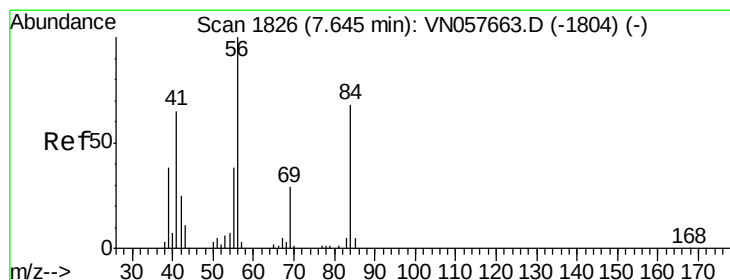
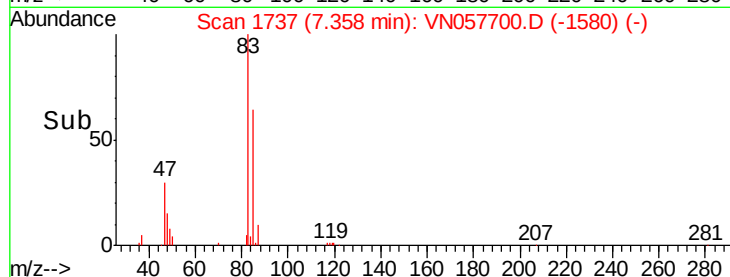
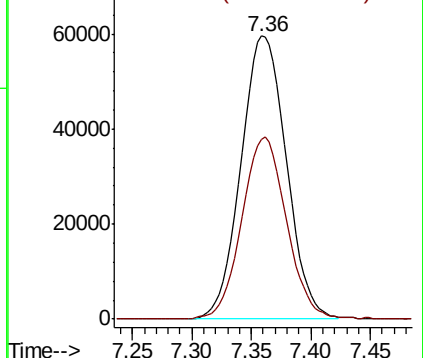
83 100

85 63.5 50.8 76.2



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0



#26

Cyclohexane

Concen: 18.634 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

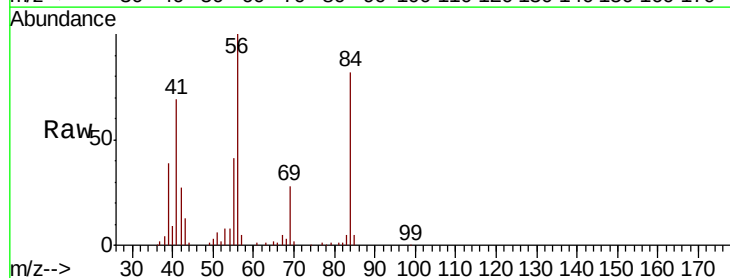
Tgt Ion: 56 Resp: 125755

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

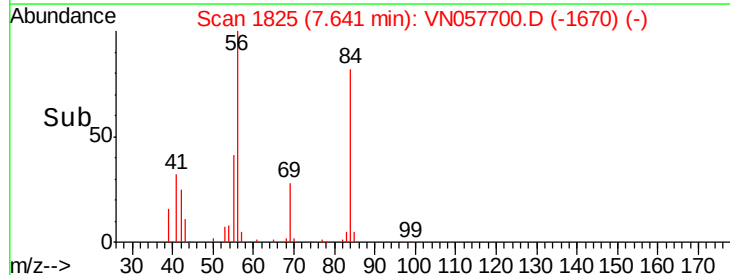
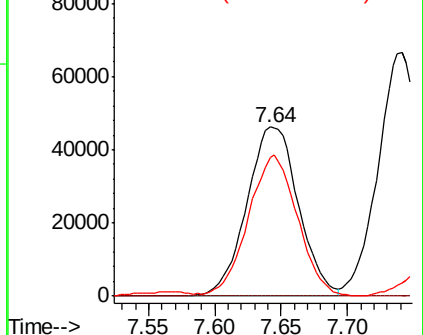
84 79.4 60.4 90.6

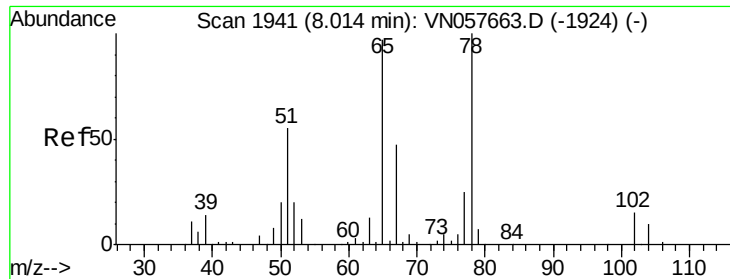


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 89.00 (88.70 to 89.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

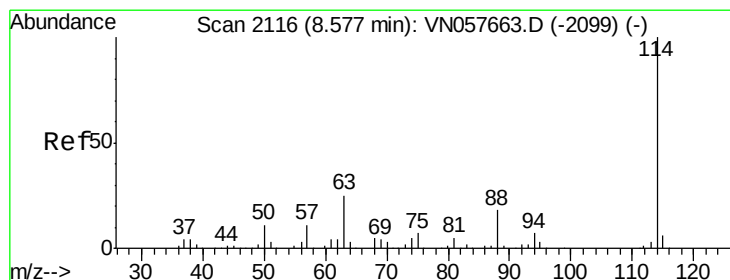
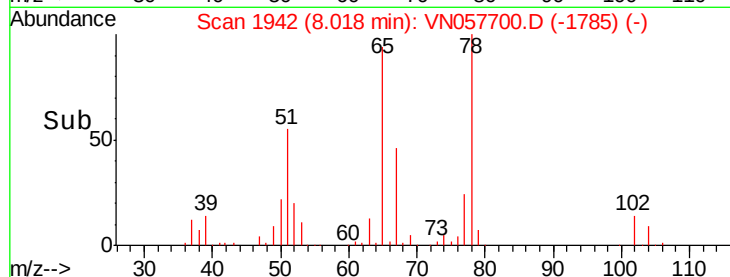
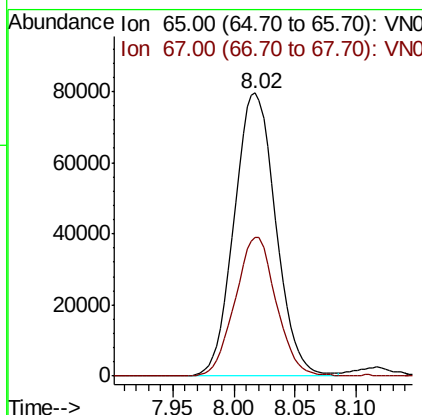
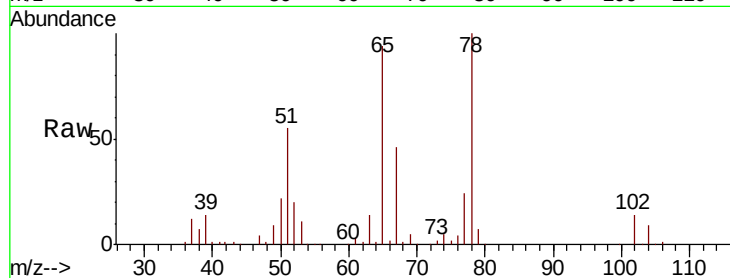




#27
 1,2-Dichloroethane-d4
 Concen: 29.833 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

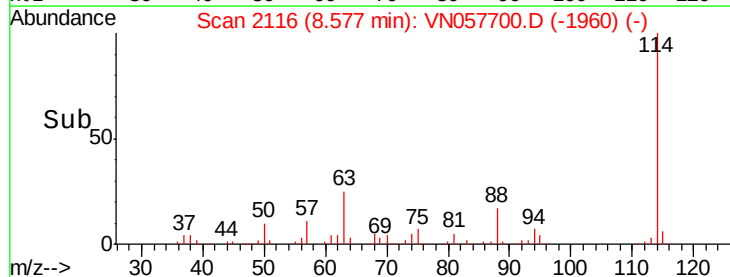
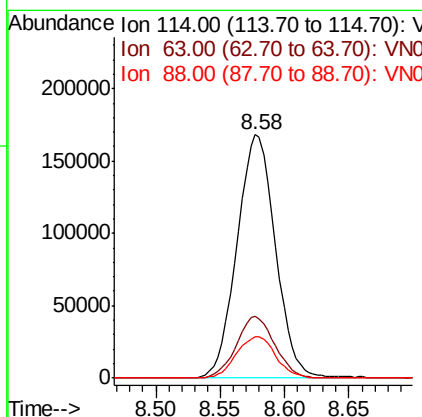
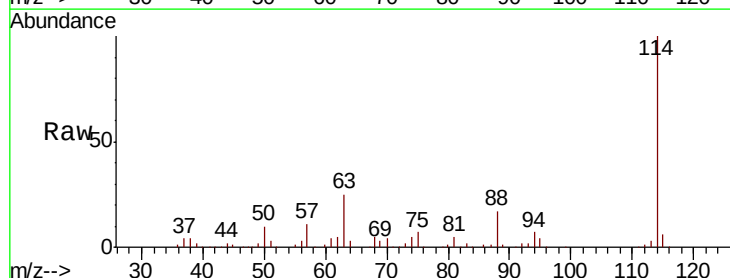
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

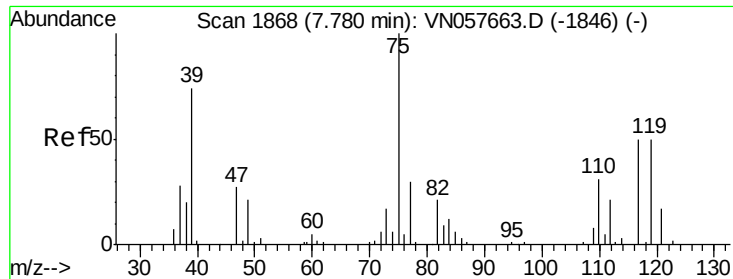
Tgt Ion: 65 Resp: 187813
 Ion Ratio Lower Upper
 65 100
 67 48.5 38.6 57.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

Tgt Ion: 114 Resp: 348773
 Ion Ratio Lower Upper
 114 100
 63 25.3 20.6 30.8
 88 17.5 14.3 21.5





#29

1,1-Dichloropropene

Concen: 19.002 ug/l

RT: 7.78 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

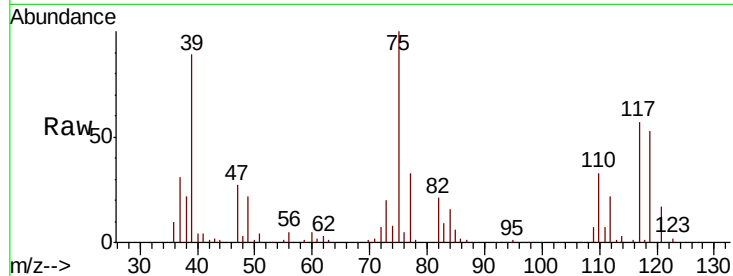
Tgt Ion: 75 Resp: 105829

Ion Ratio Lower Upper

75 100

110 31.8 0.0 62.8

77 31.1 0.0 57.8

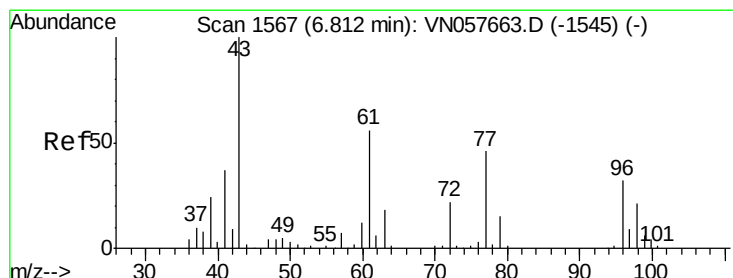
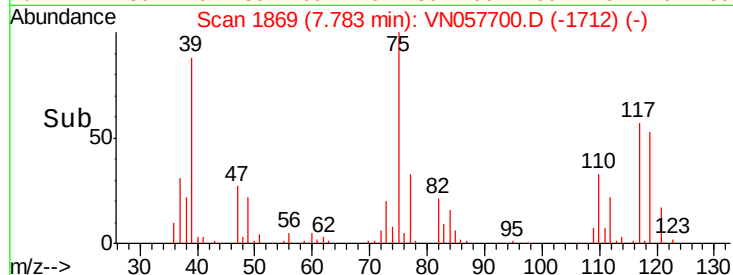


Abundance Ion 75.00 (74.70 to 75.70): VN057663.D (-1846) (-)

Ion 110.00 (109.70 to 110.70): VN057663.D (-1846) (-)

Ion 77.00 (76.70 to 77.70): VN057663.D (-1846) (-)

Time-->



#30

2-Butanone

Concen: 87.936 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

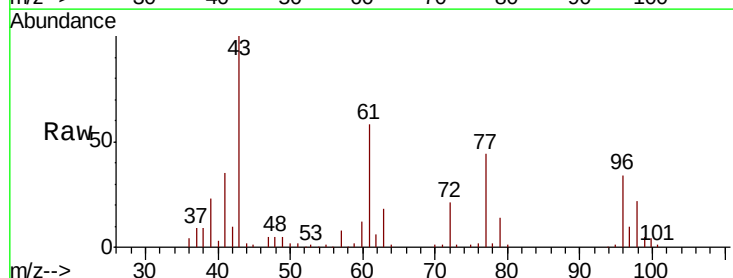
Tgt Ion: 43 Resp: 231353

Ion Ratio Lower Upper

43 100

57 7.7 2.6 3.8#

72 22.5 18.1 27.1

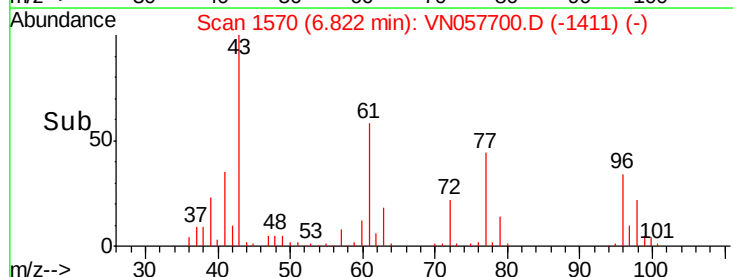


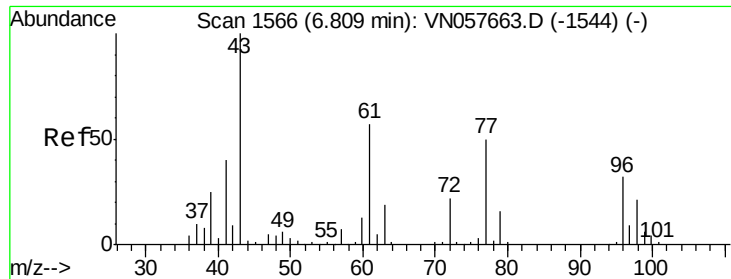
Abundance Ion 43.00 (42.70 to 43.70): VN057663.D (-1545) (-)

Ion 57.00 (56.70 to 57.70): VN057663.D (-1545) (-)

Ion 72.00 (71.70 to 72.70): VN057663.D (-1545) (-)

Time-->

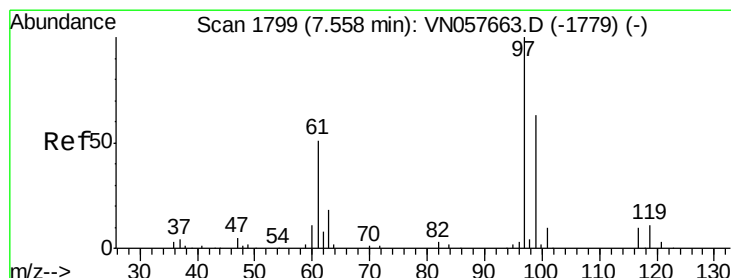
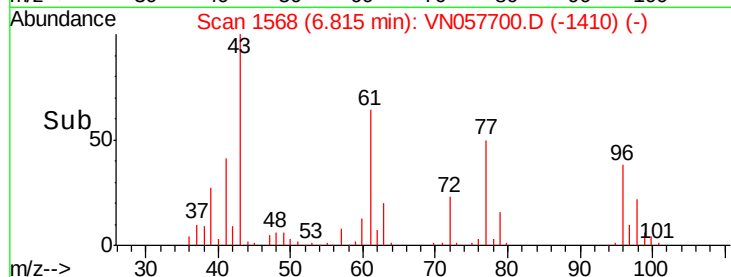
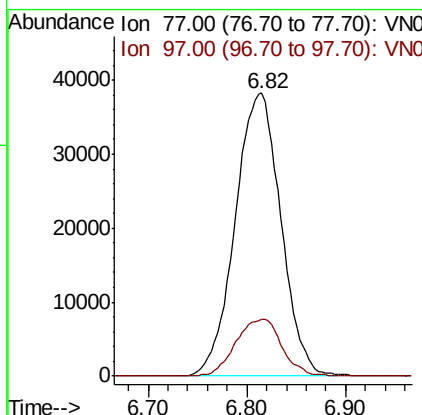
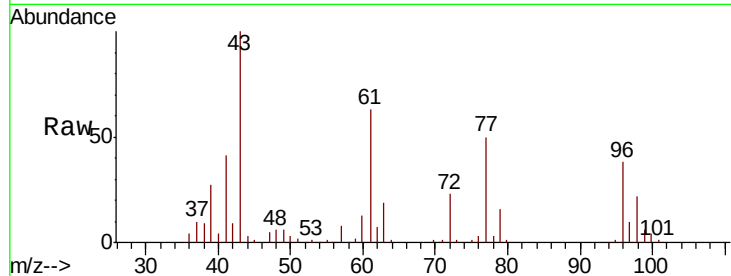




#31
 2,2-Dichloropropane
 Concen: 17.798 ug/l
 RT: 6.82 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

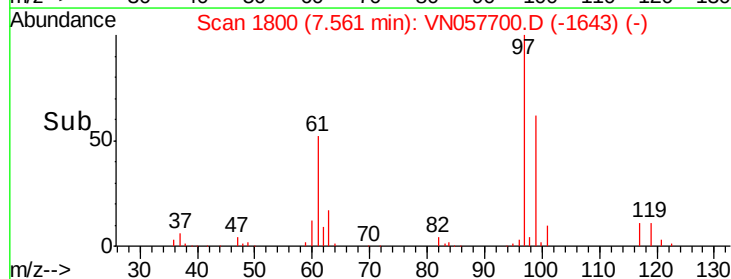
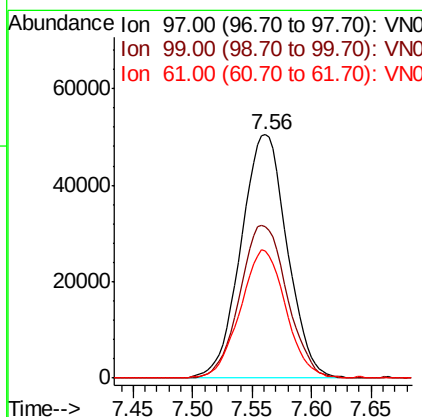
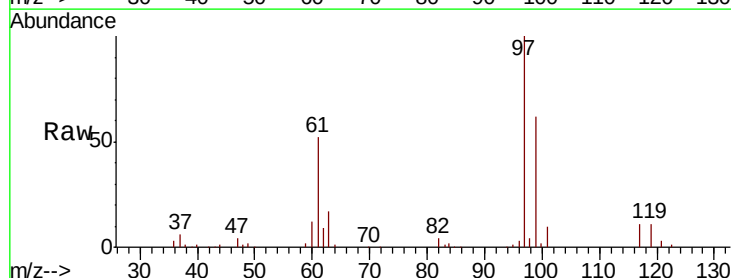
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

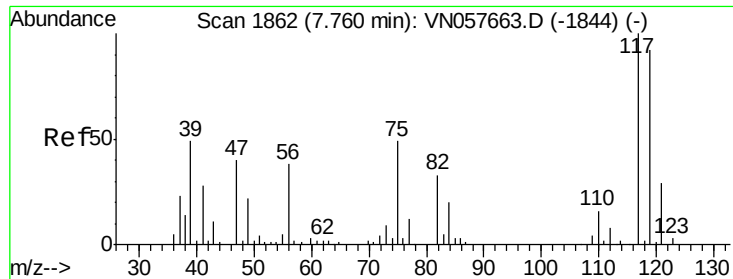
Tgt Ion: 77 Resp: 122681
 Ion Ratio Lower Upper
 77 100
 97 20.3 8.8 13.2#



#32
 1,1,1-Trichloroethane
 Concen: 19.694 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

Tgt Ion: 97 Resp: 135795
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.9 77.9
 61 51.8 41.4 62.0





#33

Carbon Tetrachloride

Concen: 19.511 ug/l

RT: 7.76 min Scan# 1863

Delta R.T. 0.00 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

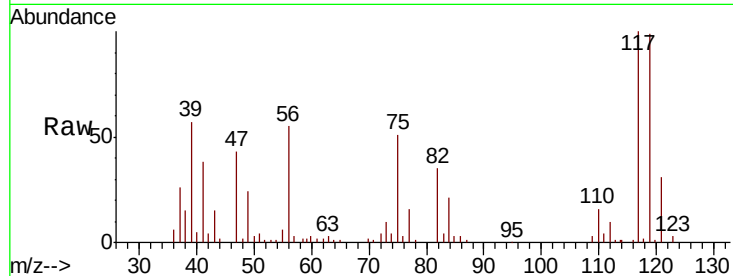
Tgt Ion:117 Resp: 109250

Ion Ratio Lower Upper

117 100

119 99.0 73.3 109.9

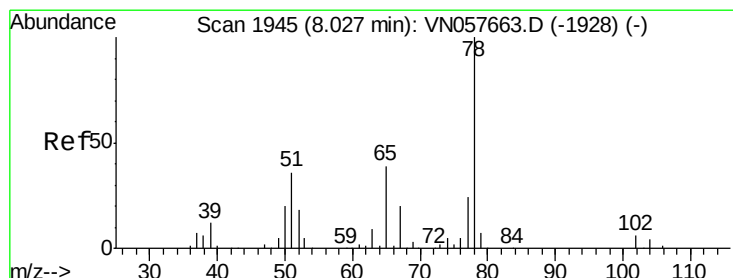
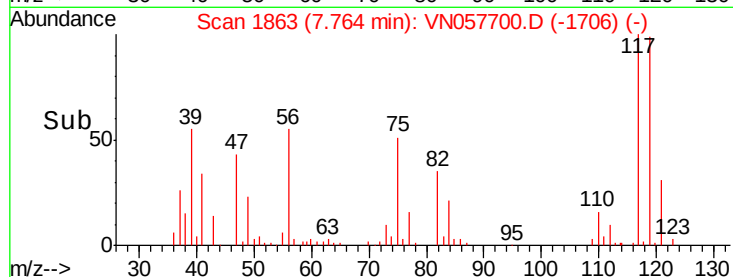
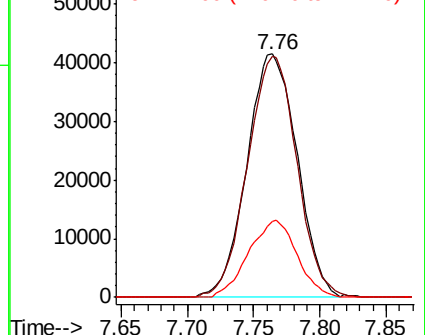
121 31.0 23.3 34.9



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.460 ug/l

RT: 8.03 min Scan# 1947

Delta R.T. 0.01 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

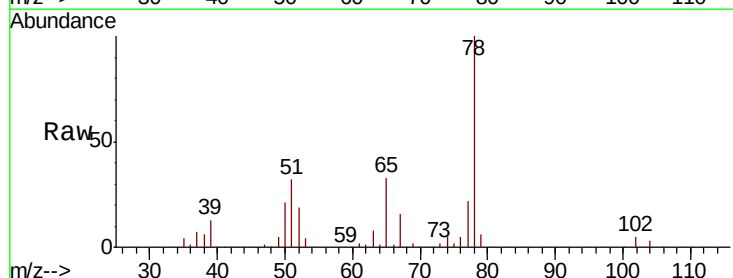
Tgt Ion: 78 Resp: 311325

Ion Ratio Lower Upper

78 100

77 22.4 18.8 28.2

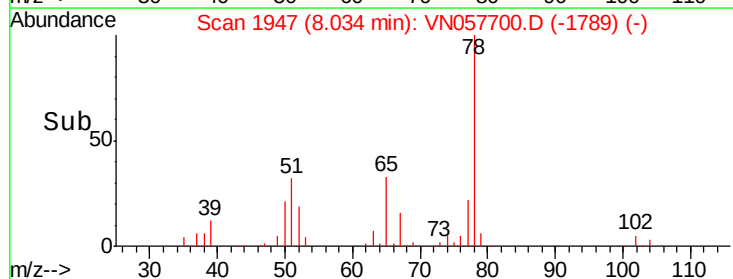
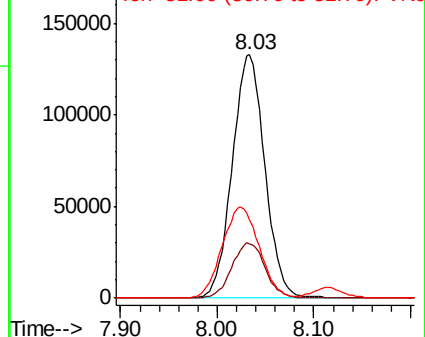
51 32.1 29.0 43.6

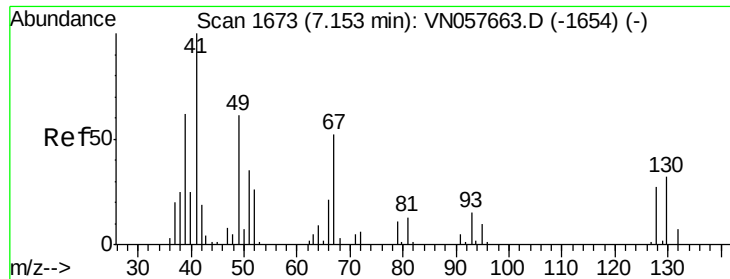


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

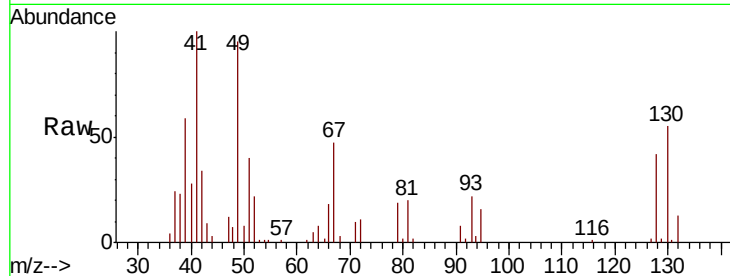




#35
Methacrylonitrile
Concen: 21.726 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.01 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020EC

Tgt Ion:	41	Resp:	52363
Ion	Ratio	Lower	Upper
41	100		
39	58.7	31.0	93.0
67	47.0	25.9	77.7
52	21.6	12.9	38.7



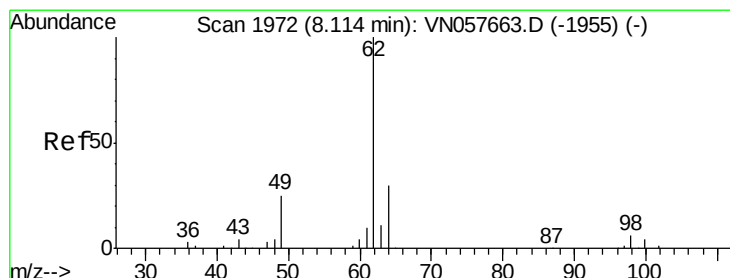
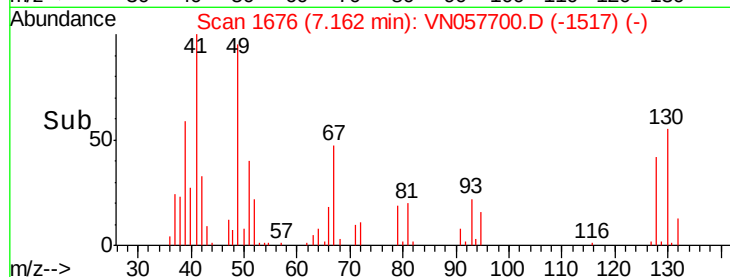
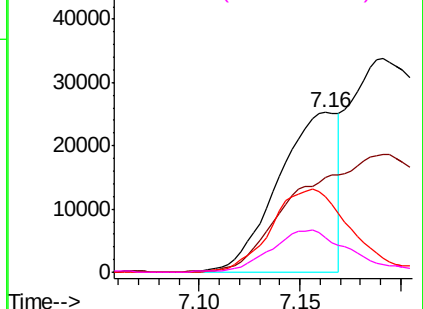
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

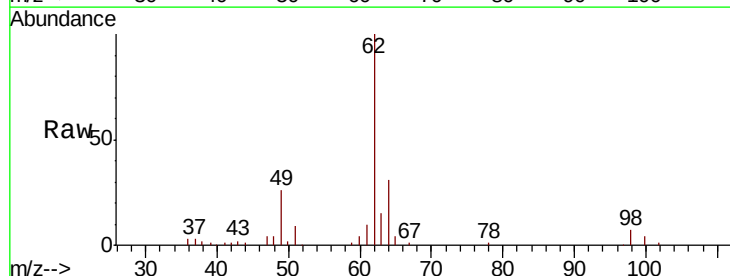
Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#36
1,2-Dichloroethane
Concen: 19.167 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

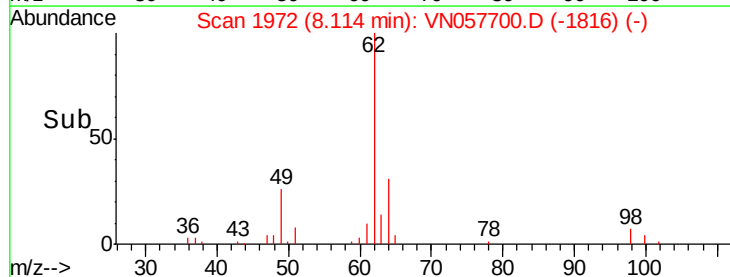
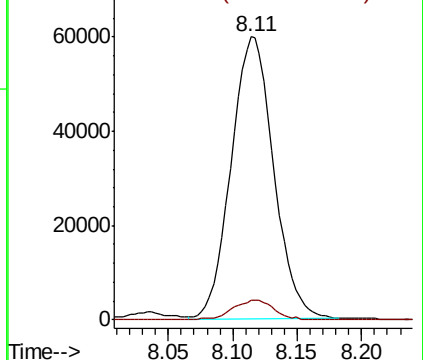
Tgt Ion:	62	Resp:	136651
Ion	Ratio	Lower	Upper
62	100		
98	6.9	0.0	0.0#

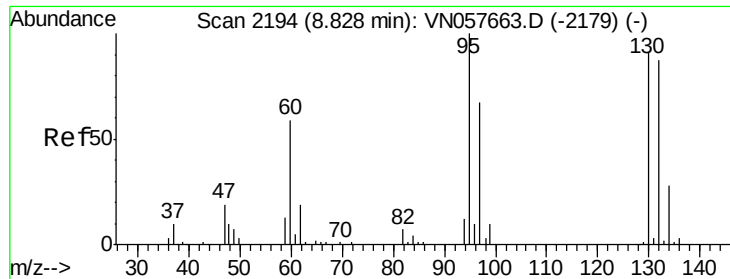


Abundance

Ion 62.00 (61.70 to 62.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#37

Trichloroethene

Concen: 19.492 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

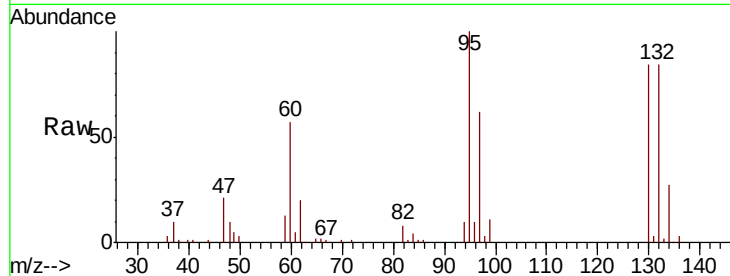
VSTDCCC020EC

Tgt Ion:130 Resp: 74045

Ion Ratio Lower Upper

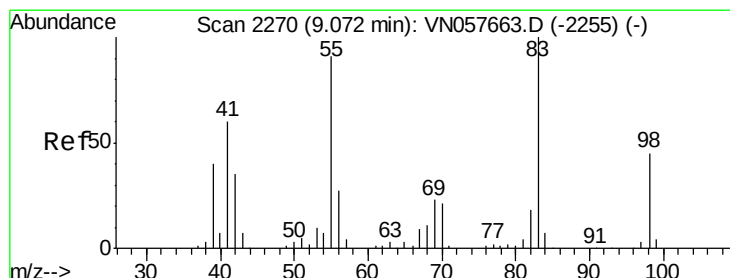
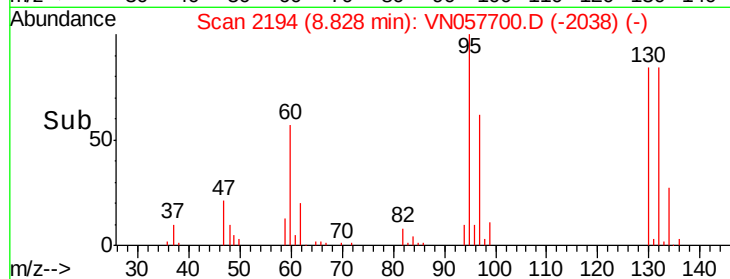
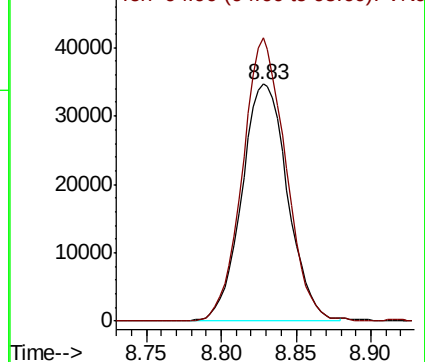
130 100

95 119.4 87.5 131.3



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN



#38

Methylcyclohexane

Concen: 19.016 ug/l

RT: 9.08 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

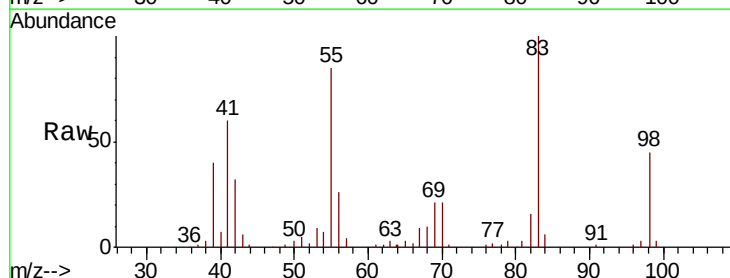
Tgt Ion: 83 Resp: 117524

Ion Ratio Lower Upper

83 100

55 87.8 45.1 135.3

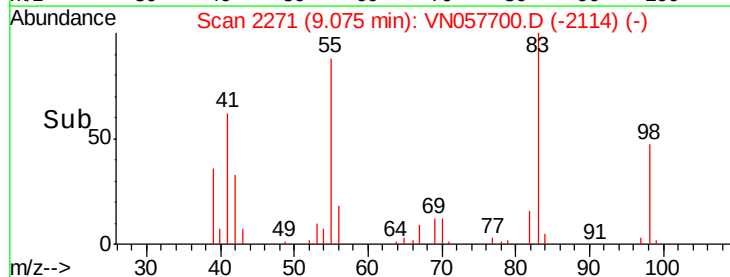
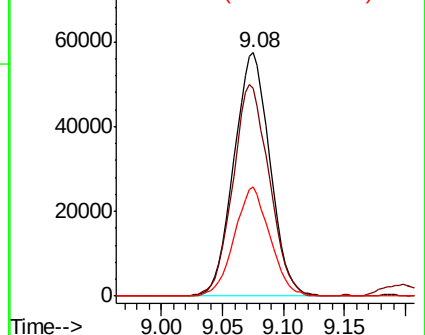
98 44.2 22.5 67.5

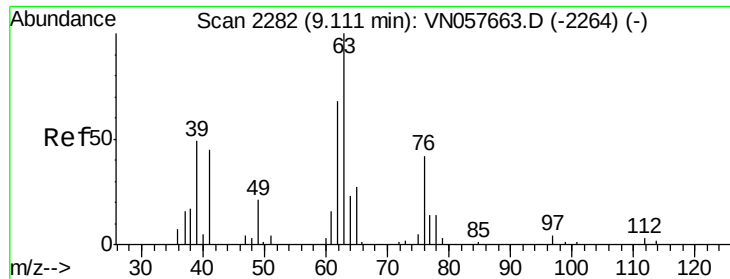


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

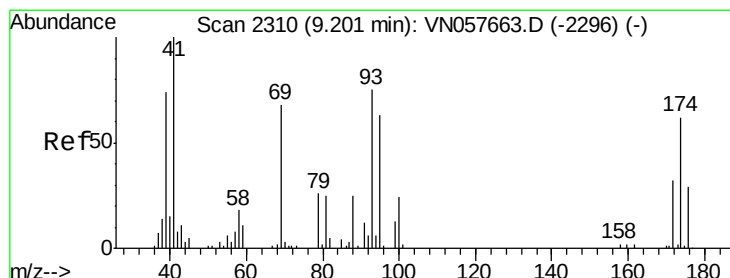
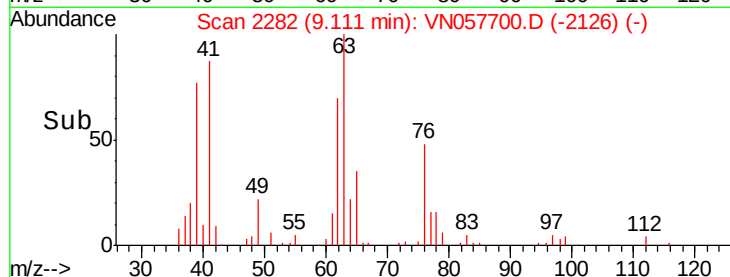
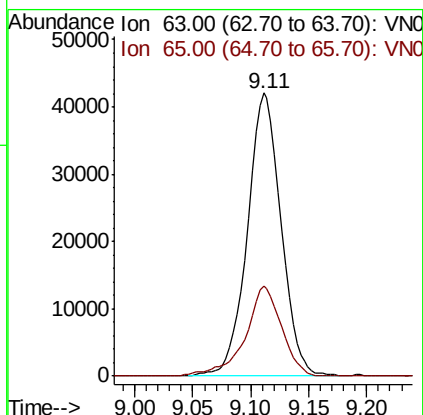
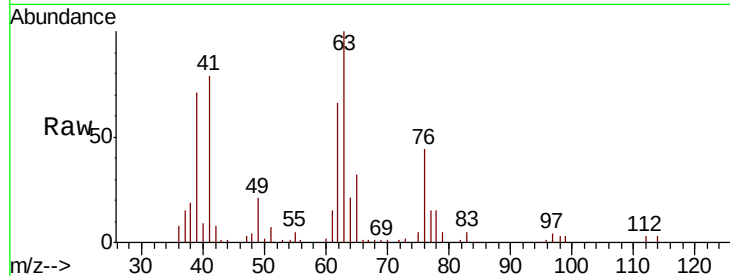




#39
 1,2-Dichloropropane
 Concen: 19.501 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

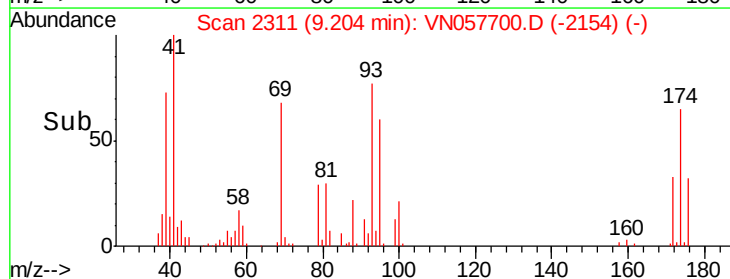
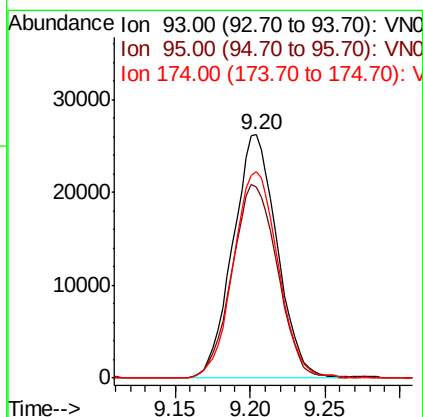
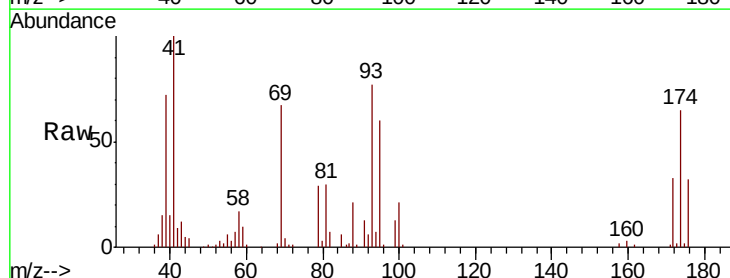
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

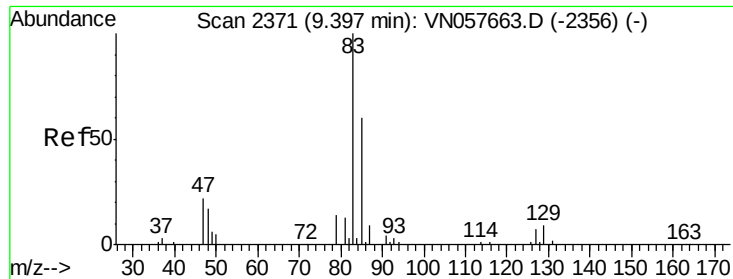
Tgt Ion: 63 Resp: 85309
 Ion Ratio Lower Upper
 63 100
 65 31.9 22.2 33.2



#40
 Dibromomethane
 Concen: 19.032 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

Tgt Ion: 93 Resp: 53971
 Ion Ratio Lower Upper
 93 100
 95 81.8 0.0 168.2
 174 85.4 0.0 169.2





#41

Bromodichloromethane

Concen: 18.741 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

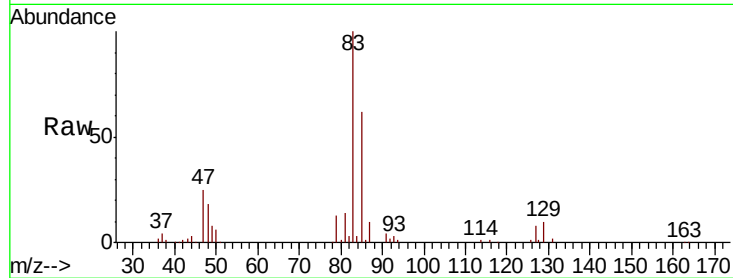
Tgt Ion: 83 Resp: 114874

Ion Ratio Lower Upper

83 100

85 61.6 48.2 72.4

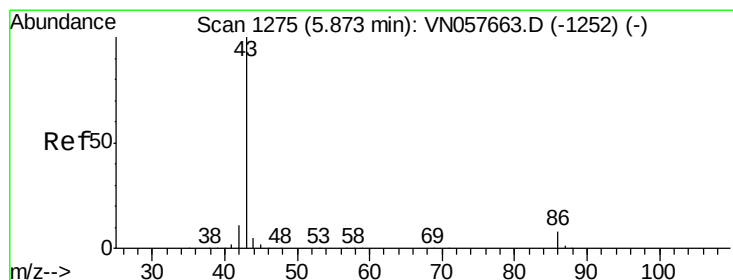
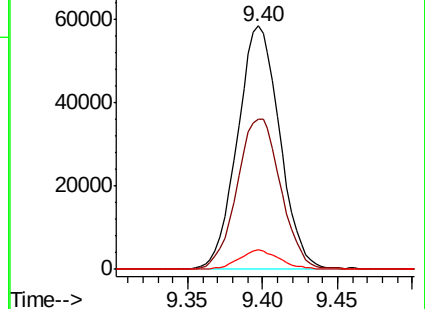
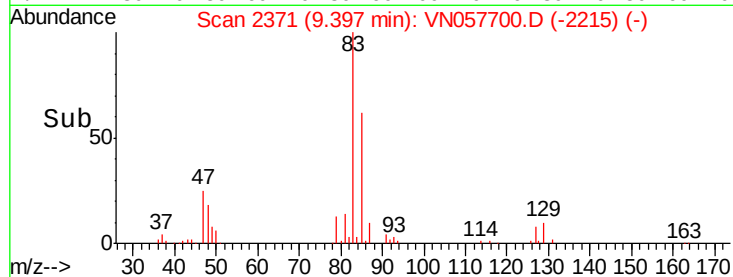
127 8.9 5.3 7.9#



Abundance Ion 83.00 (82.70 to 83.70): VN057700.D (-1119) (-)

Ion 85.00 (84.70 to 85.70): VN057700.D (-1119) (-)

Ion 127.00 (126.70 to 127.70): VN057700.D (-1119) (-)



#42

Vinyl Acetate

Concen: 99.066 ug/l

RT: 5.88 min Scan# 1277

Delta R.T. 0.01 min

Lab File: VN057700.D

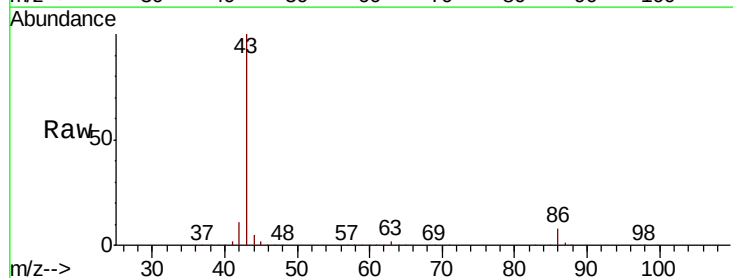
Acq: 5 Sep 2019 12:53

Tgt Ion: 43 Resp: 1145572

Ion Ratio Lower Upper

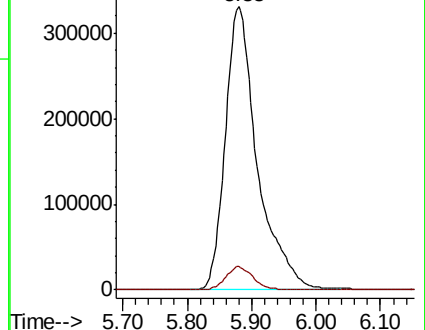
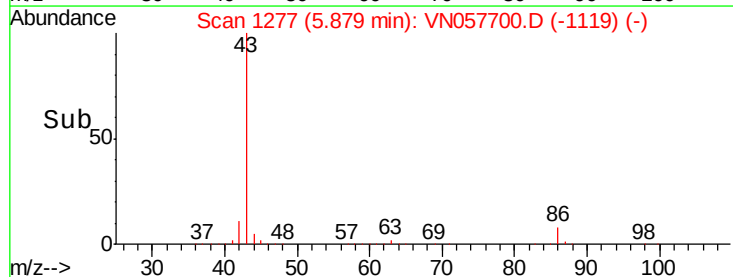
43 100

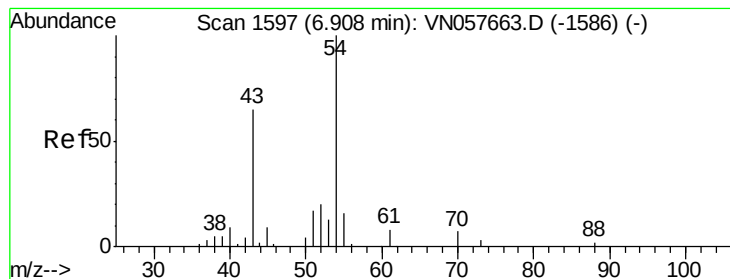
86 7.0 5.4 8.2



Abundance Ion 43.00 (42.70 to 43.70): VN057700.D (-1119) (-)

Ion 86.00 (85.70 to 86.70): VN057700.D (-1119) (-)





#43

Ethyl Acetate

Concen: 17.288 ug/l

RT: 6.91 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

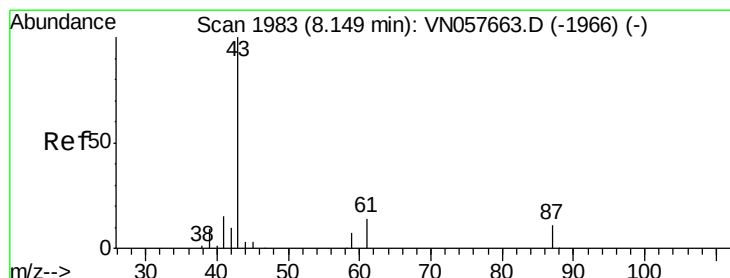
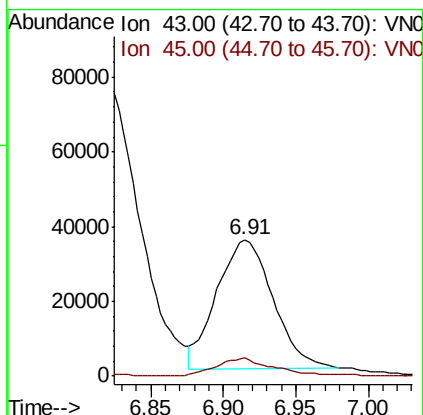
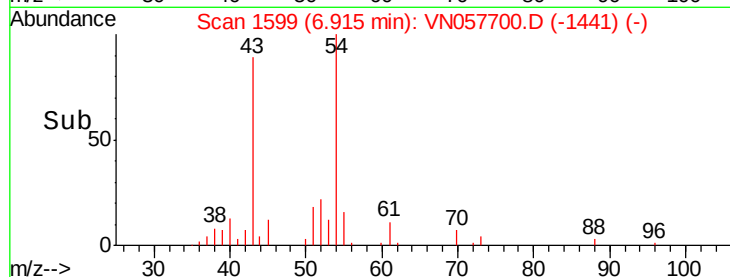
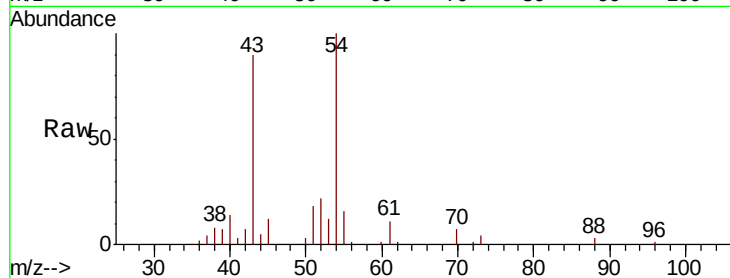
VSTDCCC020EC

Tgt Ion: 43 Resp: 93663

Ion Ratio Lower Upper

43 100

45 13.4 5.0 7.6#



#44

Isopropyl Acetate

Concen: 18.601 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057700.D

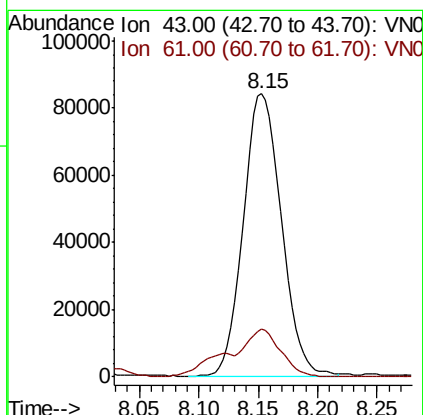
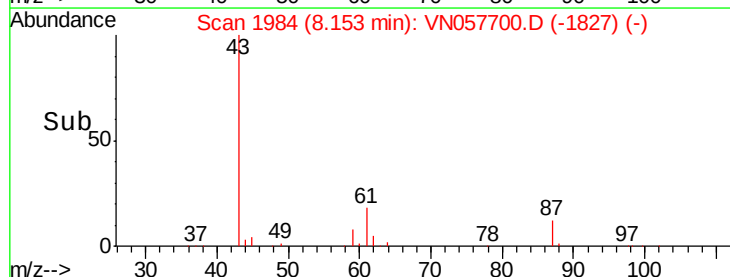
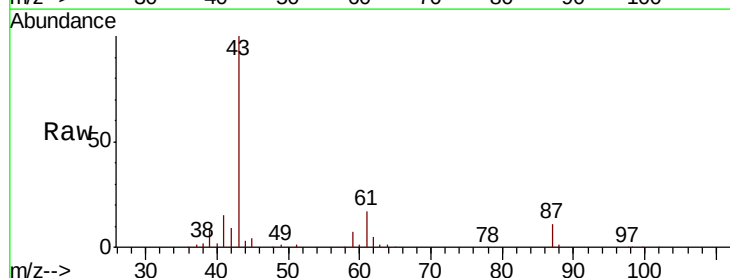
Acq: 5 Sep 2019 12:53

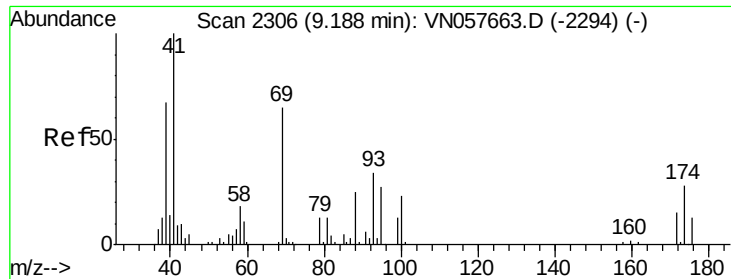
Tgt Ion: 43 Resp: 188406

Ion Ratio Lower Upper

43 100

61 15.8 12.6 18.8

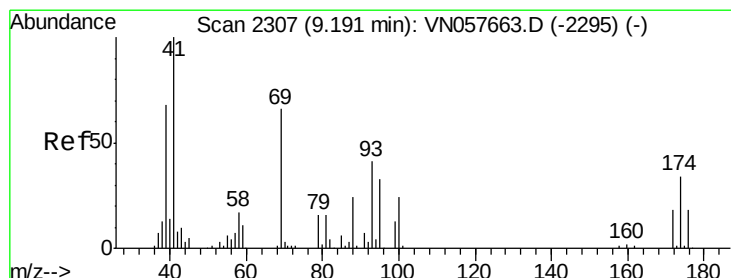
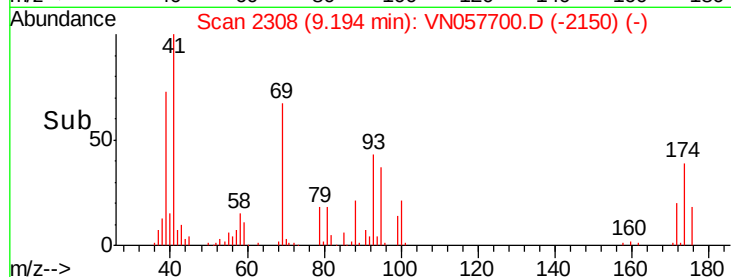
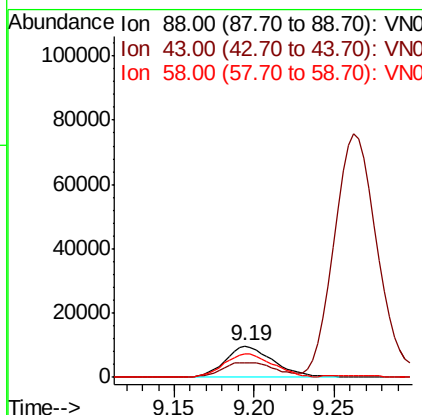
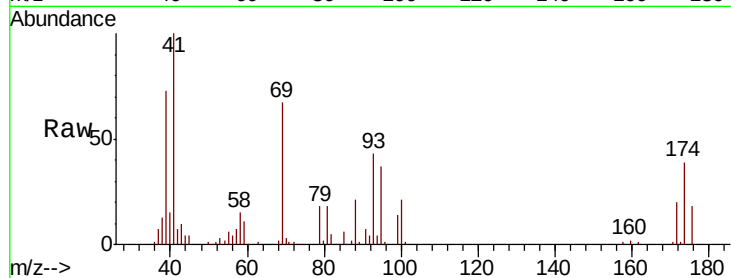




#45
 1,4-Dioxane
 Concen: 309.249 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.01 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

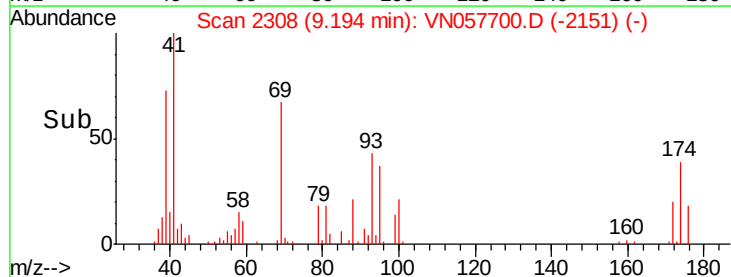
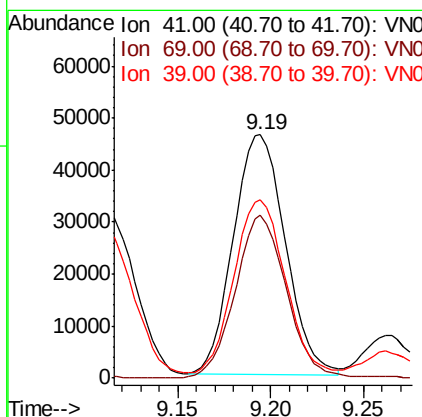
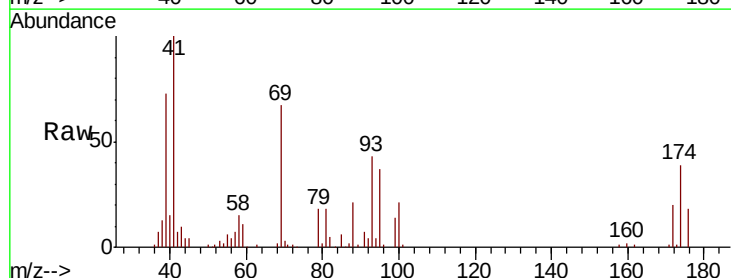
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

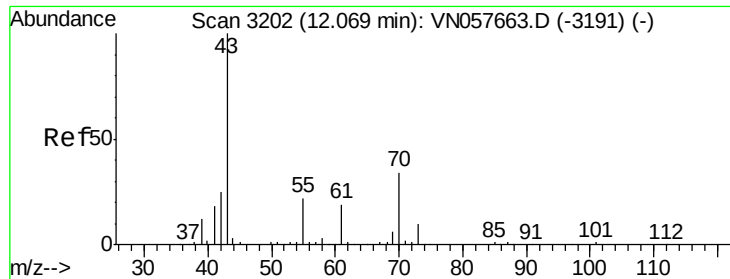
Tgt Ion: 88 Resp: 20107
 Ion Ratio Lower Upper
 88 100
 43 52.7 31.0 46.4#
 58 74.1 58.2 87.2



#46
 Methyl methacrylate
 Concen: 18.258 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

Tgt Ion: 41 Resp: 89733
 Ion Ratio Lower Upper
 41 100
 69 67.7 33.1 99.2
 39 72.3 34.0 102.0

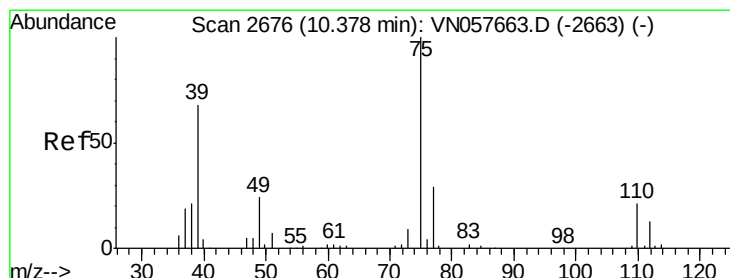
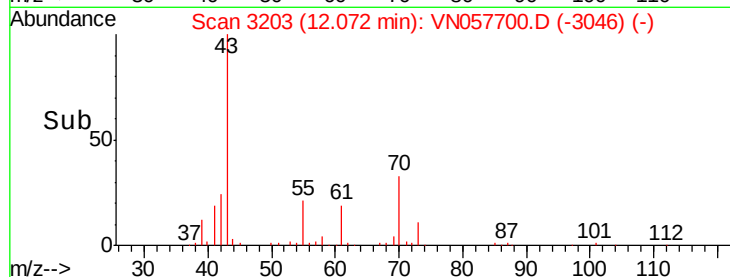
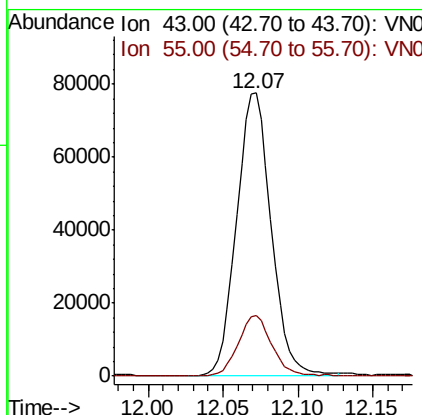
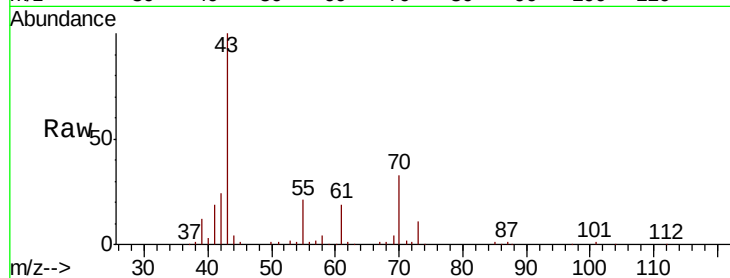




#47
n-amyl Acetate
Concen: 15.857 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

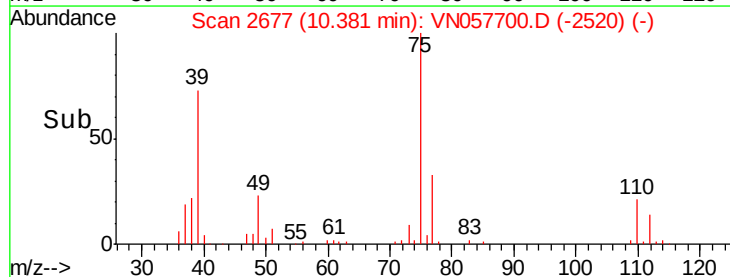
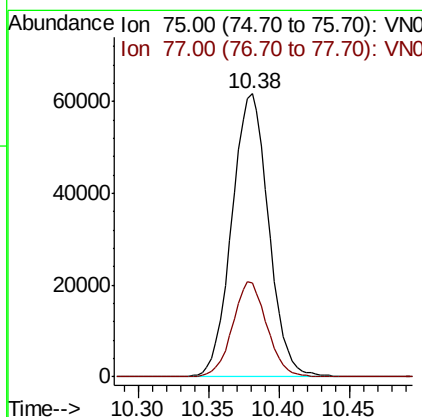
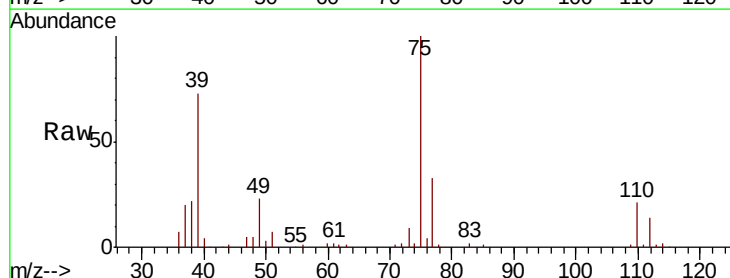
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

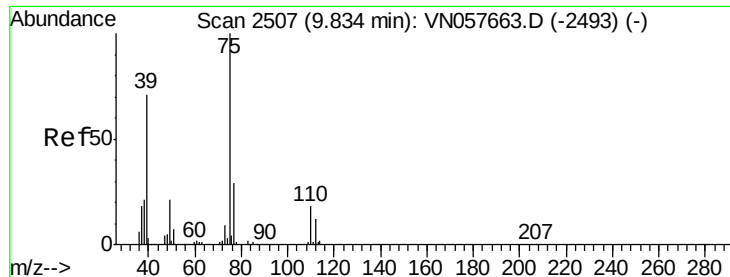
Tgt Ion: 43 Resp: 124560
Ion Ratio Lower Upper
43 100
55 20.9 17.5 26.3



#48
t-1,3-Dichloropropene
Concen: 17.559 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

Tgt Ion: 75 Resp: 112894
Ion Ratio Lower Upper
75 100
77 33.1 23.1 34.7



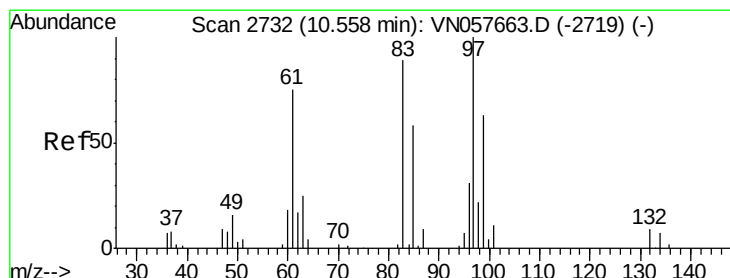
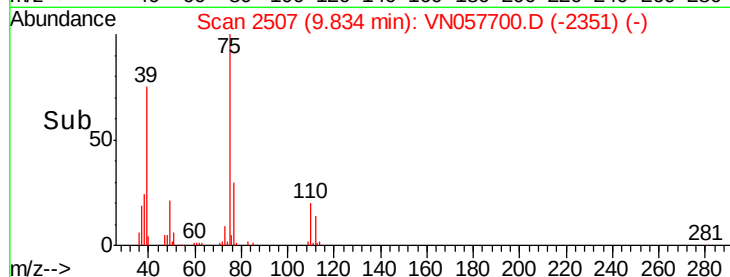
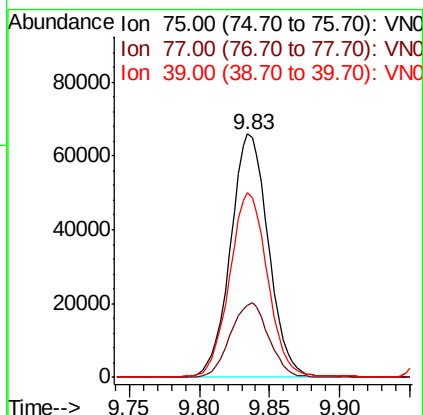
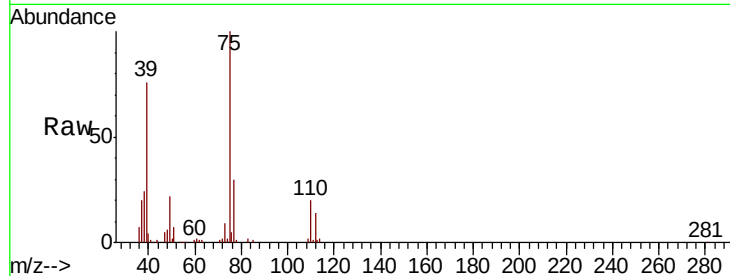


#49

cis-1,3-Dichloropropene
 Concen: 18.084 ug/l
 RT: 9.83 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

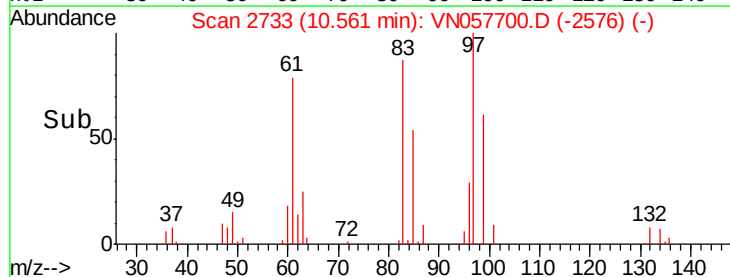
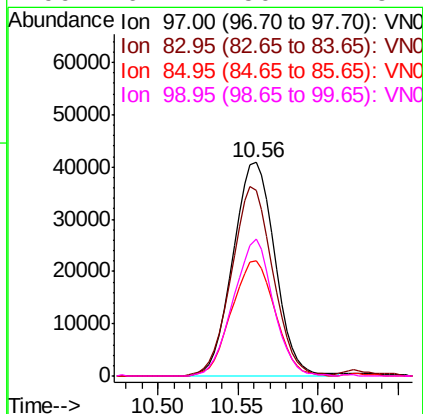
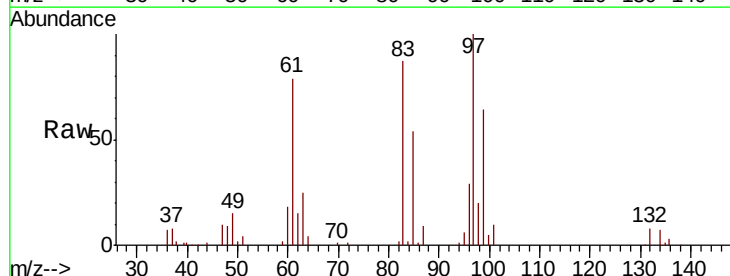
Tgt Ion: 75 Resp: 124053
 Ion Ratio Lower Upper
 75 100
 77 29.7 23.4 35.2
 39 75.1 56.6 85.0

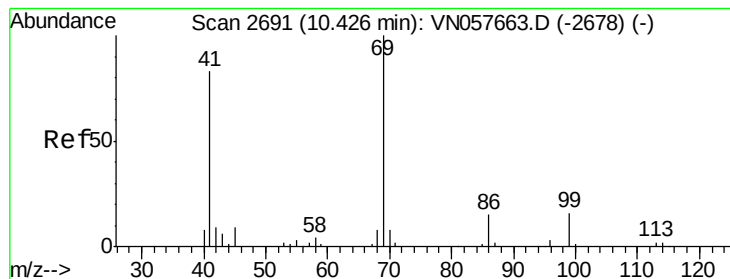


#50

1,1,2-Trichloroethane
 Concen: 19.136 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

Tgt Ion: 97 Resp: 73190
 Ion Ratio Lower Upper
 97 100
 83 86.5 71.4 107.2
 85 54.2 46.0 69.0
 99 64.2 50.2 75.2





#51

Ethyl methacrylate

Concen: 17.581 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

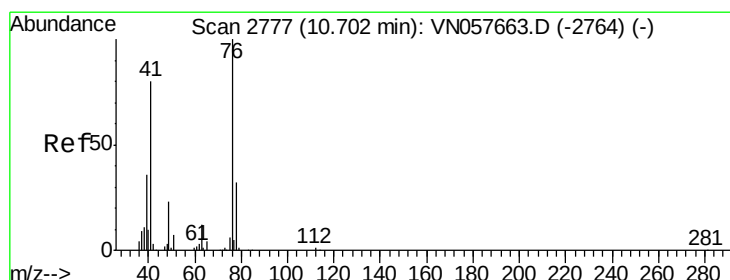
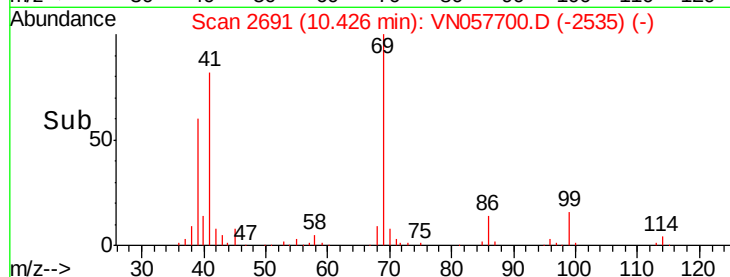
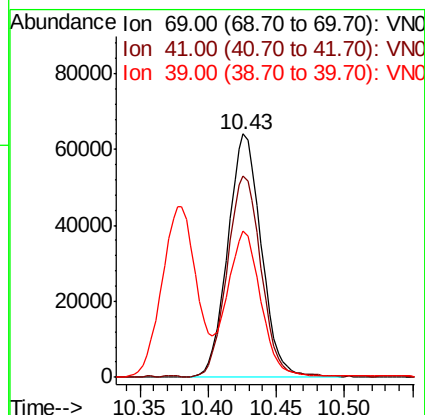
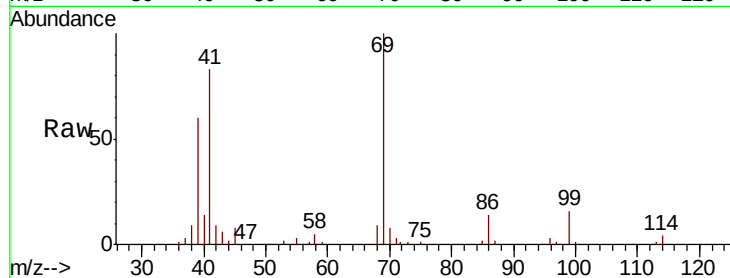
Tgt Ion: 69 Resp: 109613

Ion Ratio Lower Upper

69 100

41 82.4 41.5 124.5

39 59.3 29.6 88.9



#52

1,3-Dichloropropane

Concen: 18.560 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN057700.D

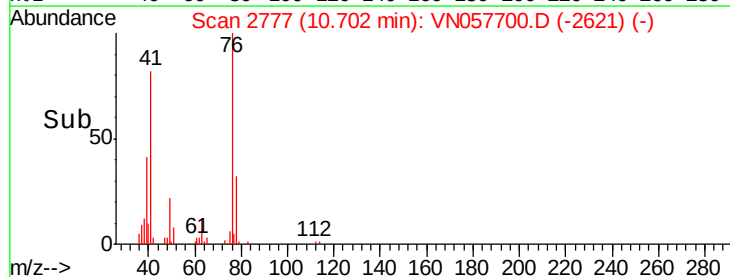
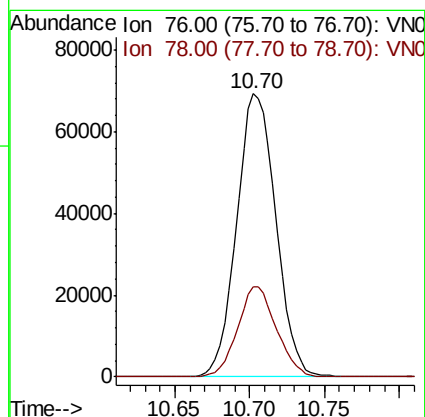
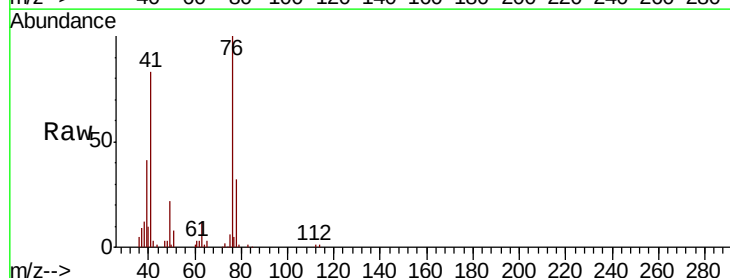
Acq: 5 Sep 2019 12:53

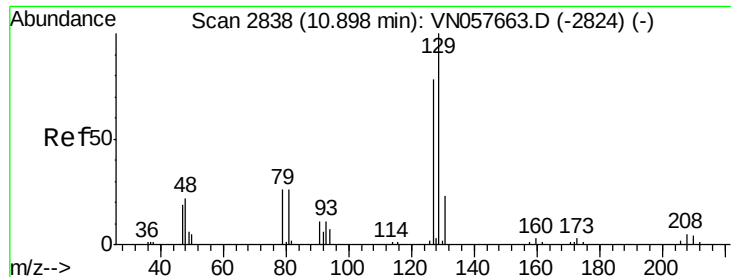
Tgt Ion: 76 Resp: 126348

Ion Ratio Lower Upper

76 100

78 31.5 0.0 63.8

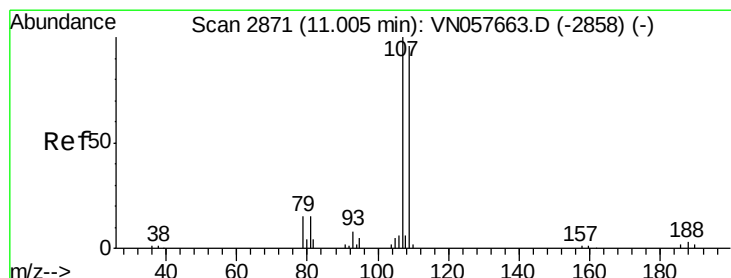
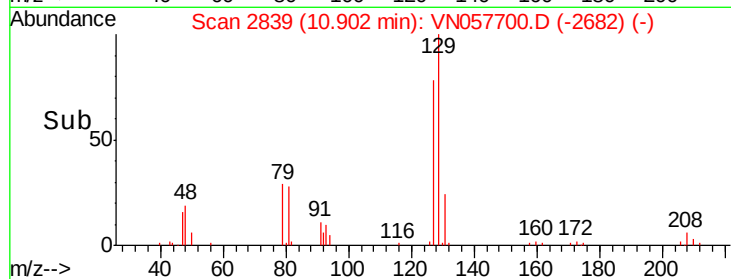
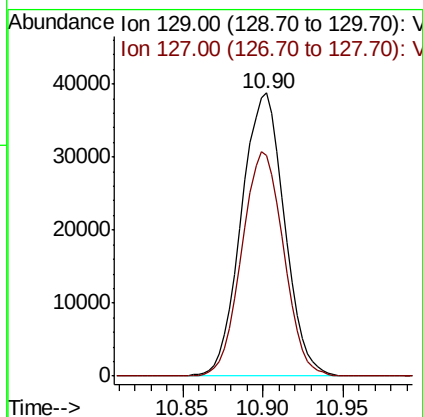
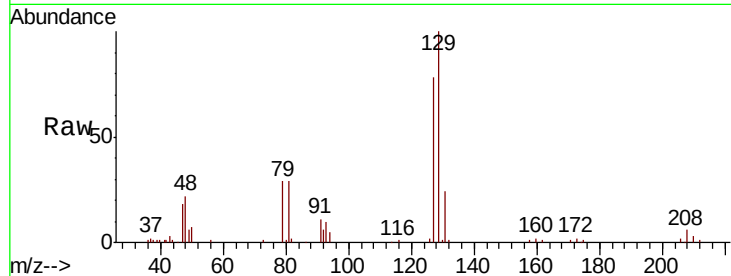




#53
Dibromochloromethane
Concen: 17.908 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

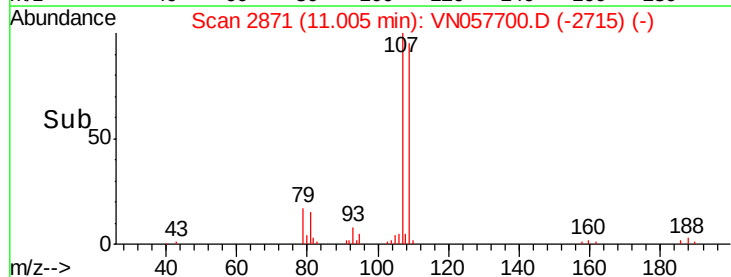
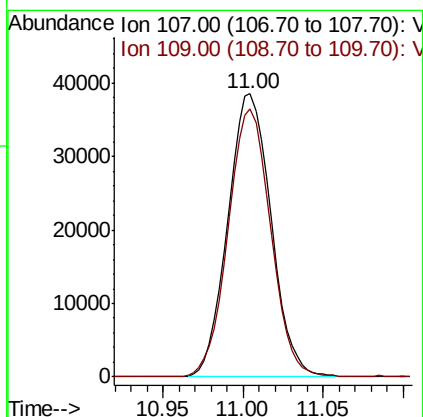
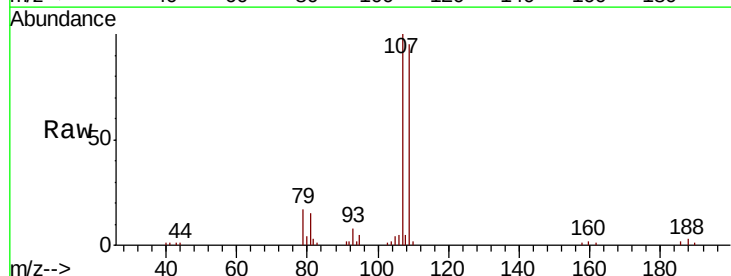
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

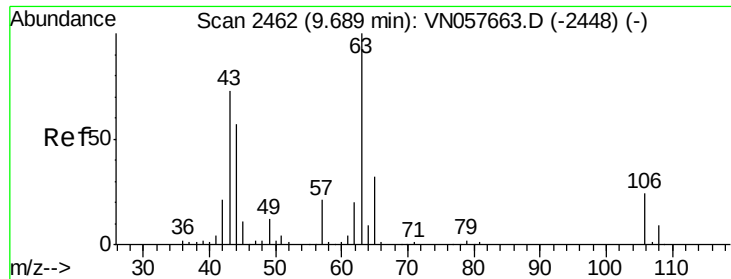
Tgt Ion:129 Resp: 71484
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.3



#54
1,2-Dibromoethane
Concen: 18.588 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

Tgt Ion:107 Resp: 71069
Ion Ratio Lower Upper
107 100
109 92.8 76.2 114.4

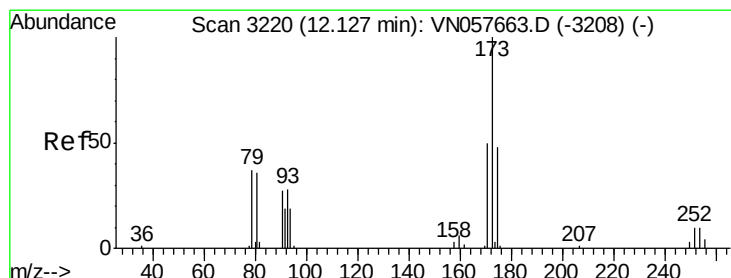
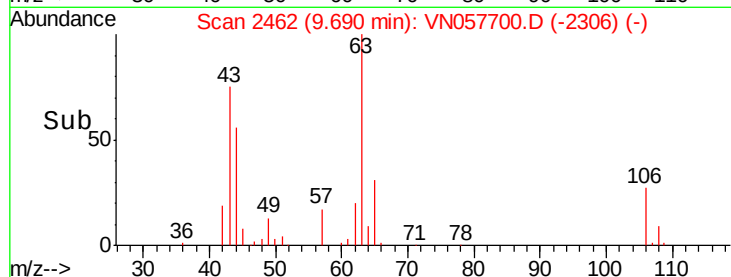
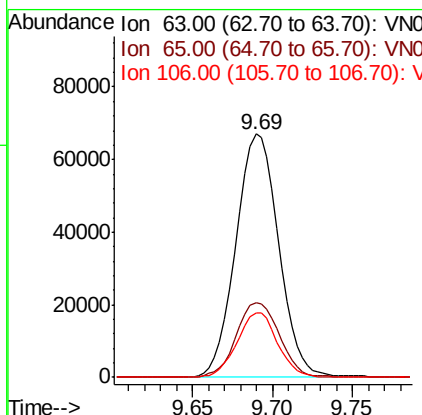
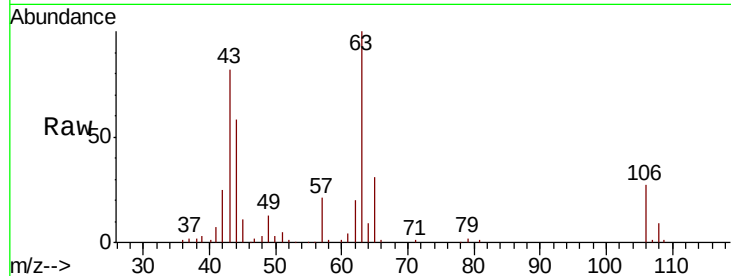




#55
2-Chloroethyl vinyl ether
Concen: 62.129 ug/l
RT: 9.69 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

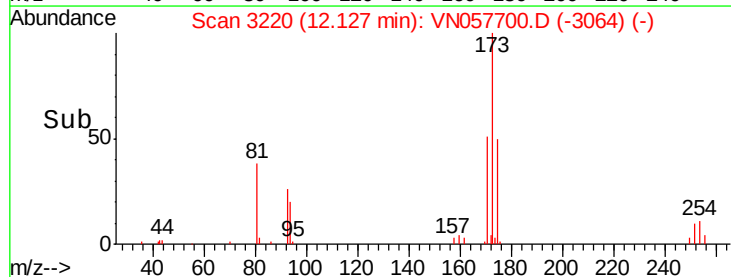
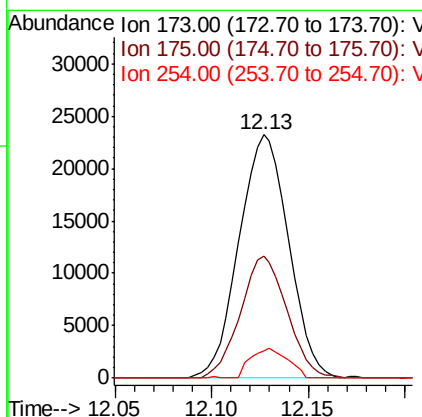
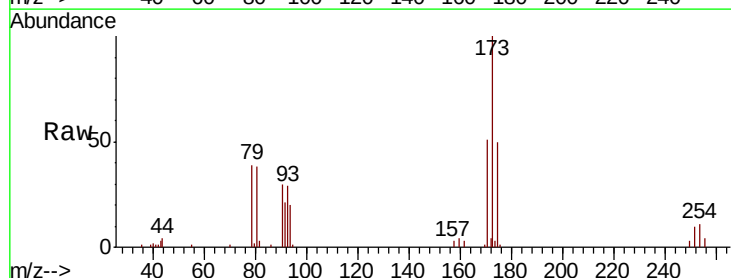
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

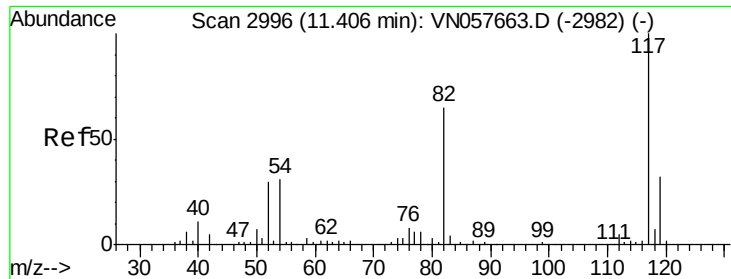
Tgt Ion: 63 Resp: 122392
Ion Ratio Lower Upper
63 100
65 31.1 25.6 38.4
106 25.1 19.5 29.3



#56
Bromoform
Concen: 16.724 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

Tgt Ion: 173 Resp: 41398
Ion Ratio Lower Upper
173 100
175 47.2 38.8 58.2
254 9.2 7.2 10.8

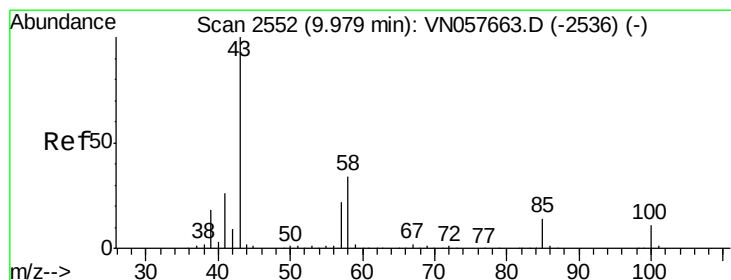
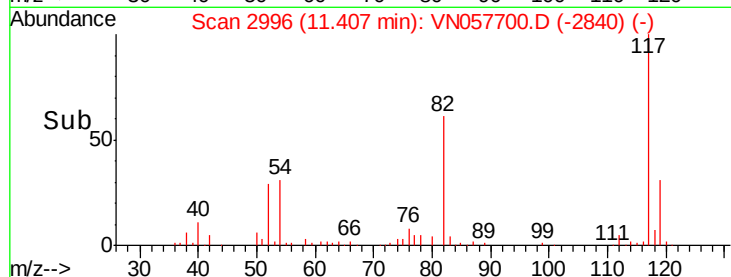
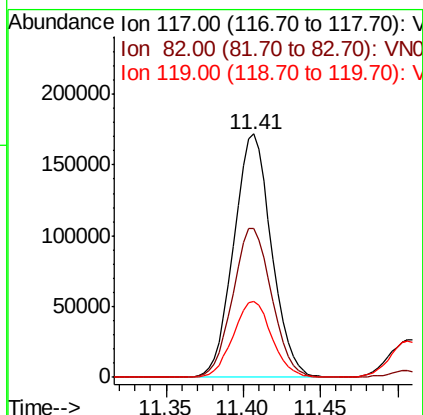
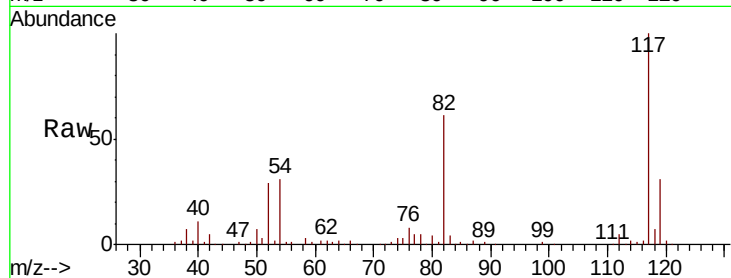




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

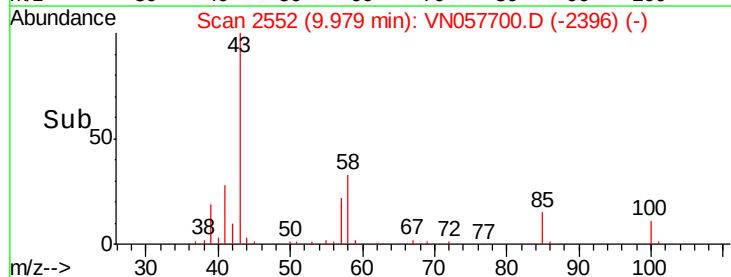
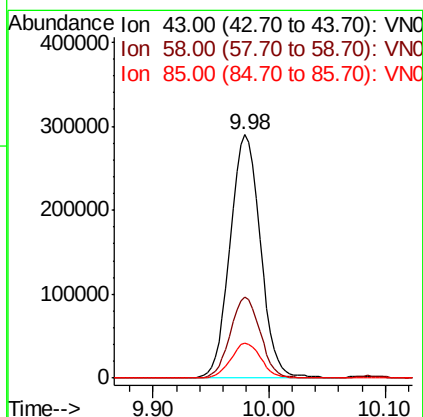
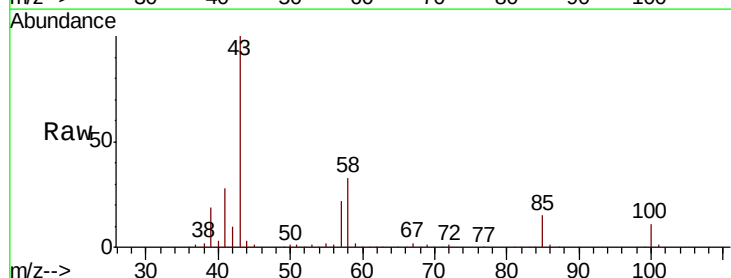
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

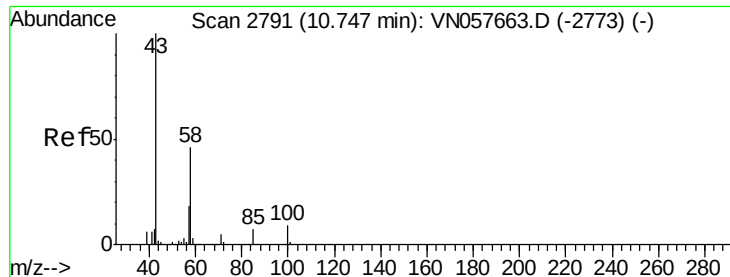
Tgt Ion: 117 Resp: 291575
Ion Ratio Lower Upper
117 100
82 63.1 51.2 76.8
119 31.9 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 101.570 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

Tgt Ion: 43 Resp: 523378
Ion Ratio Lower Upper
43 100
58 33.0 26.7 40.1
85 14.3 11.2 16.8

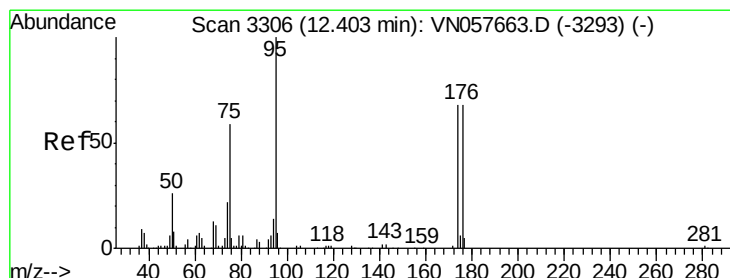
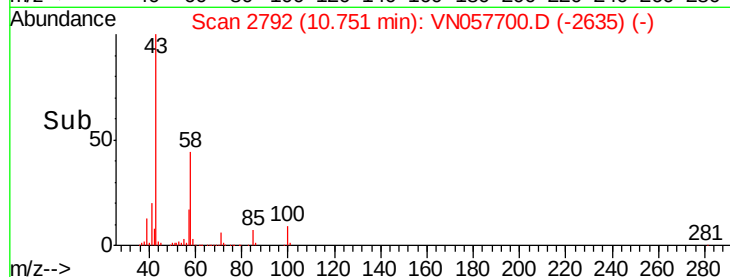
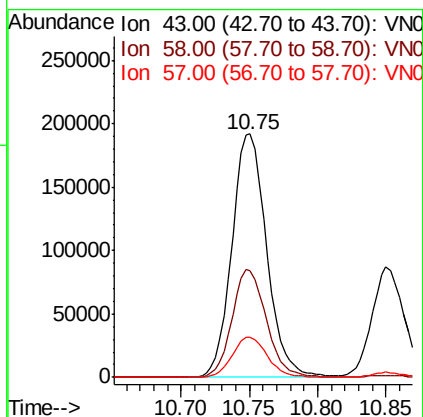
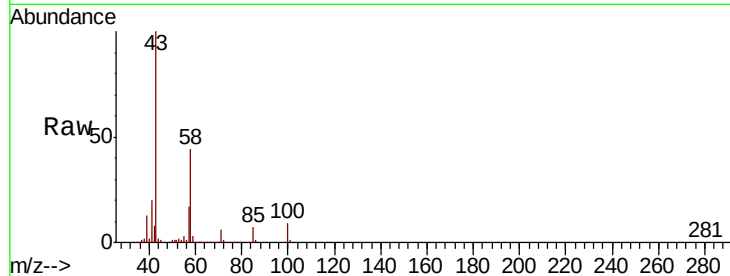




#59
2-Hexanone
Concen: 93.374 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

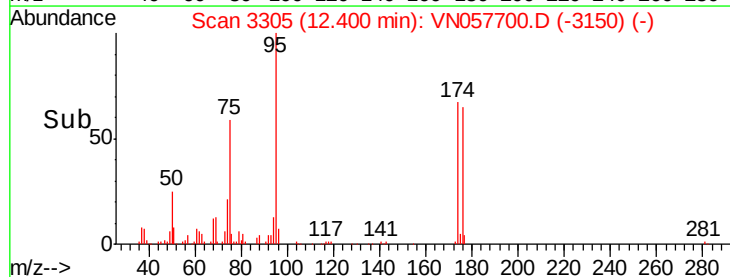
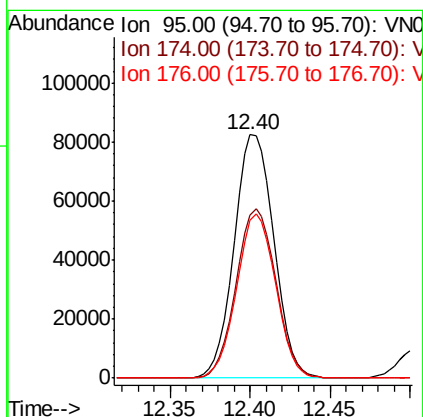
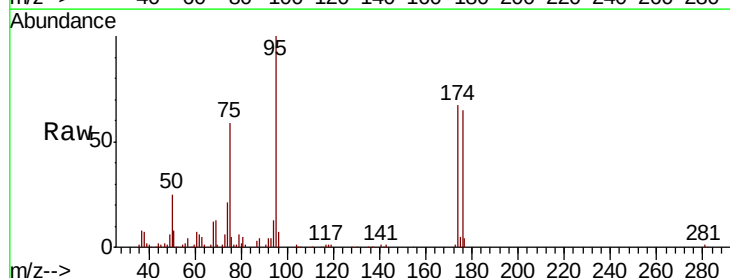
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

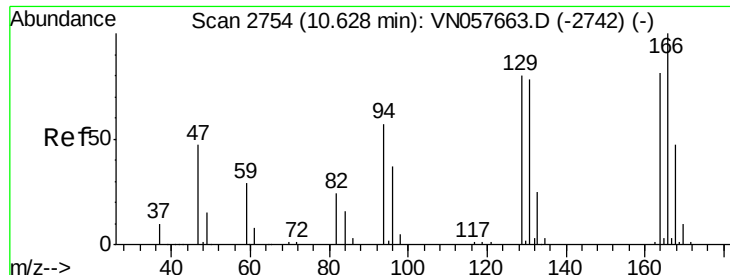
Tgt Ion: 43 Resp: 340476
Ion Ratio Lower Upper
43 100
58 43.7 36.1 54.1
57 16.7 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 28.024 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

Tgt Ion: 95 Resp: 139598
Ion Ratio Lower Upper
95 100
174 69.7 55.0 82.6
176 66.3 53.7 80.5





#61

Tetrachloroethene

Concen: 20.680 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:164 Resp: 69239

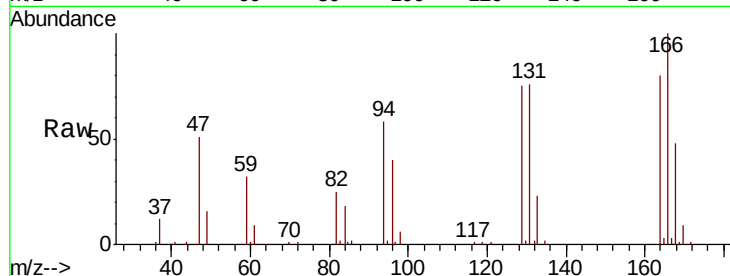
Ion Ratio Lower Upper

164 100

166 125.0 99.4 149.2

129 93.9 78.8 118.2

131 95.0 78.2 117.2

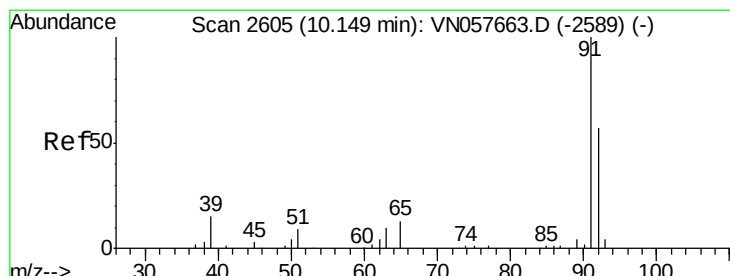
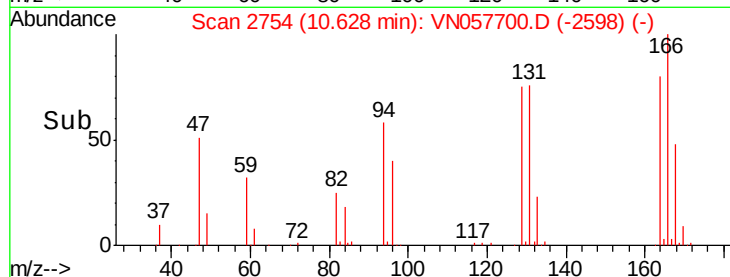
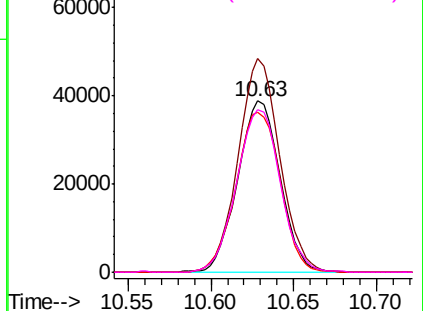


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.488 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN057700.D

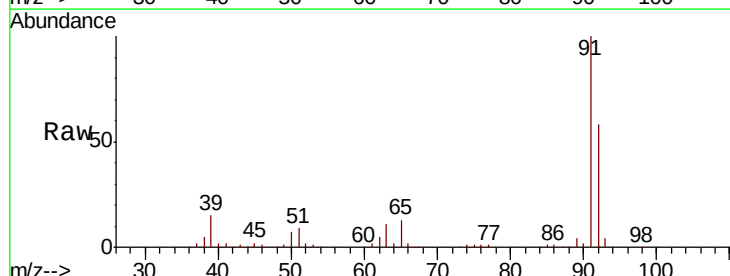
Acq: 5 Sep 2019 12:53

Tgt Ion: 91 Resp: 319034

Ion Ratio Lower Upper

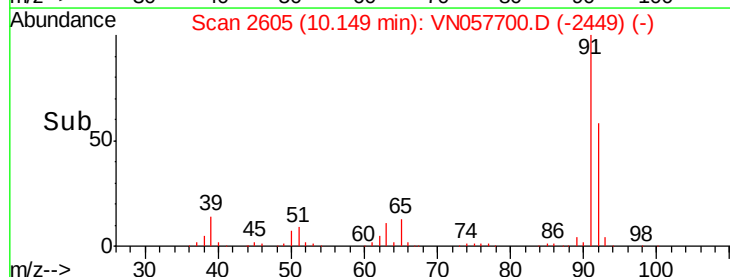
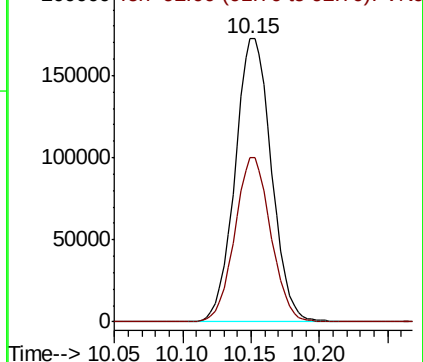
91 100

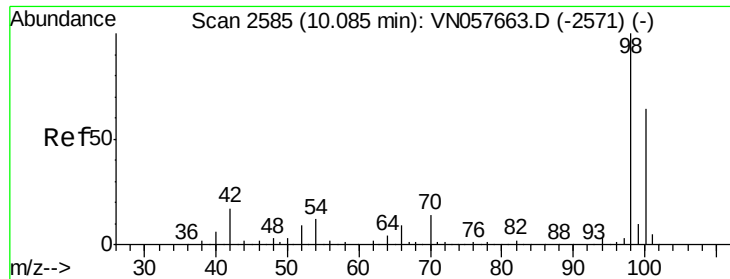
92 57.6 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

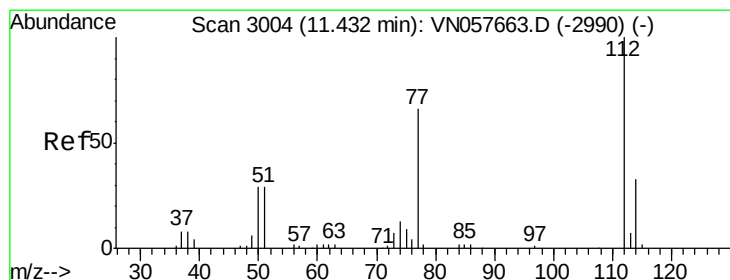
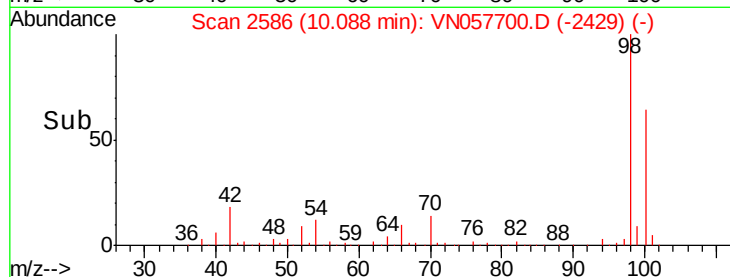
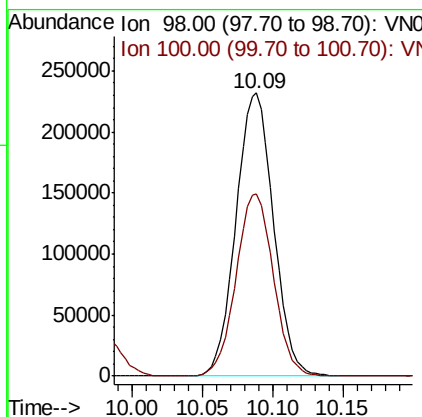
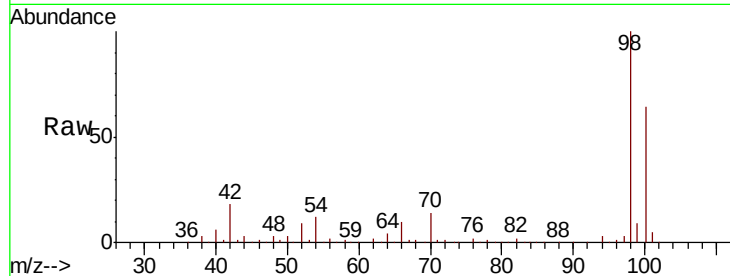




#63
Toluene-d8
Concen: 30.801 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

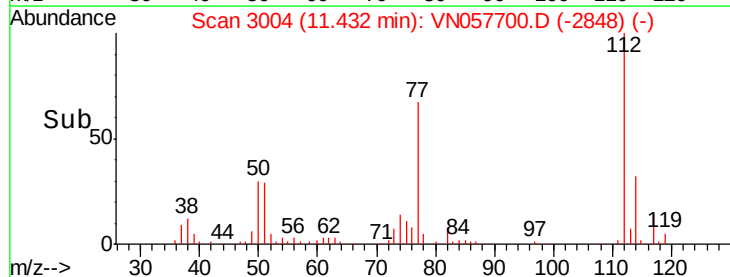
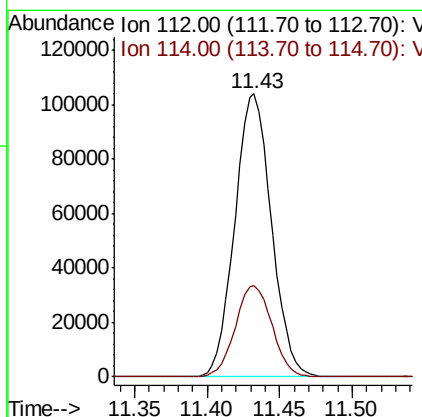
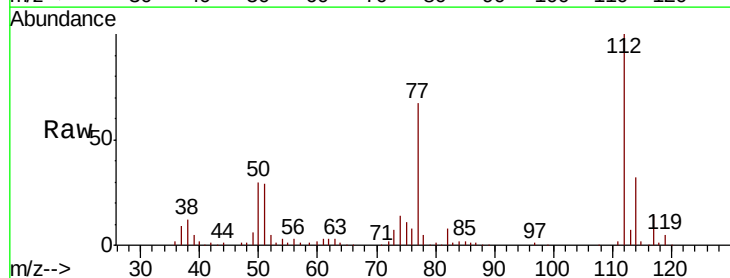
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

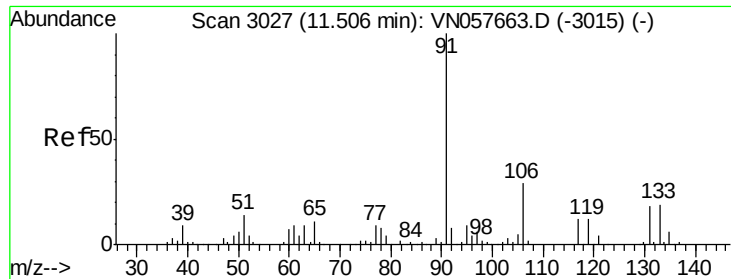
Tgt Ion: 98 Resp: 432456
Ion Ratio Lower Upper
98 100
100 63.8 51.0 76.6



#64
Chlorobenzene
Concen: 19.024 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

Tgt Ion: 112 Resp: 182872
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4

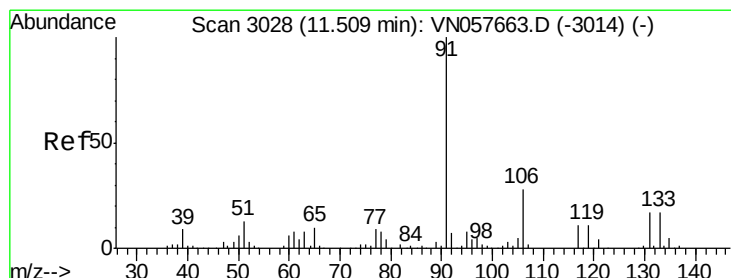
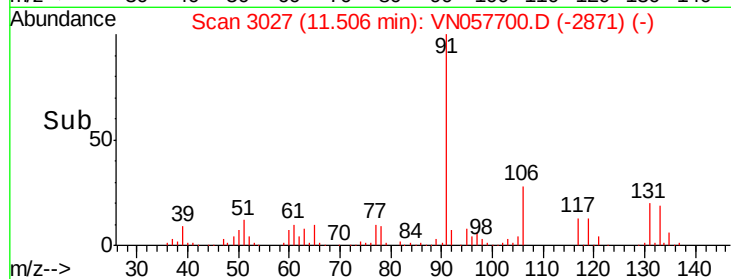
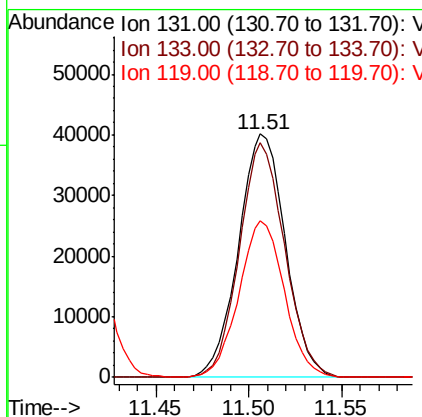
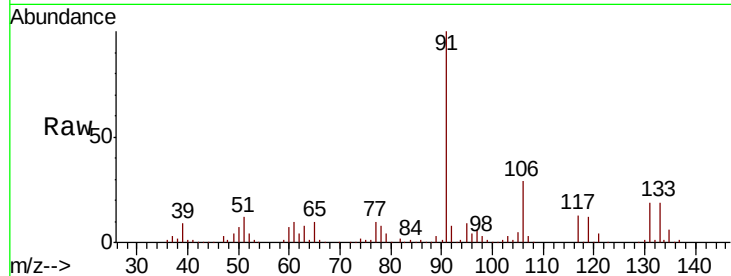




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.109 ug/l
 RT: 11.51 min Scan# 3027
 Delta R.T. 0.00 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

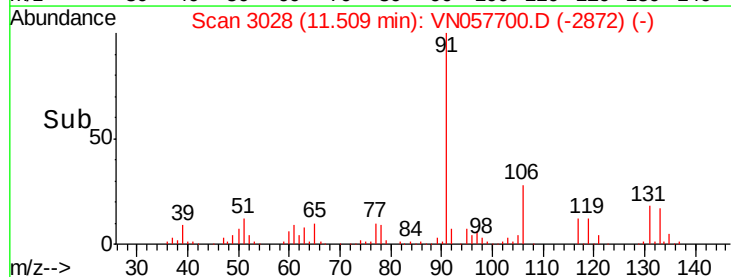
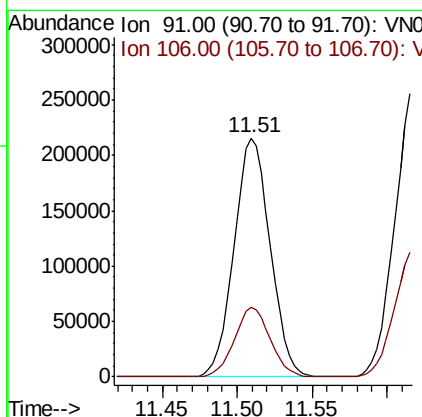
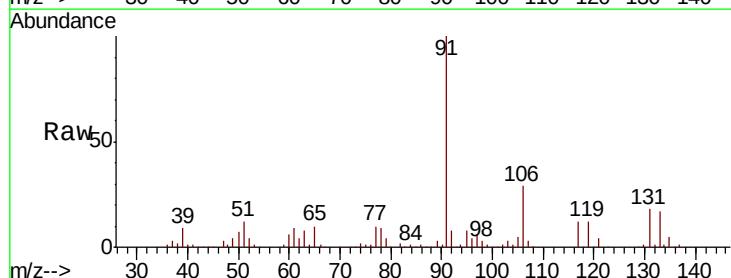
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

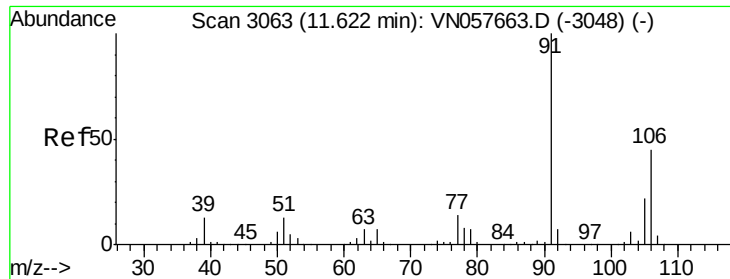
Tgt Ion: 131 Resp: 70815
 Ion Ratio Lower Upper
 131 100
 133 93.1 0.0 198.0
 119 62.0 0.0 129.8



#66
 Ethyl Benzene
 Concen: 19.797 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. 0.00 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

Tgt Ion: 91 Resp: 362276
 Ion Ratio Lower Upper
 91 100
 106 29.2 22.7 34.1

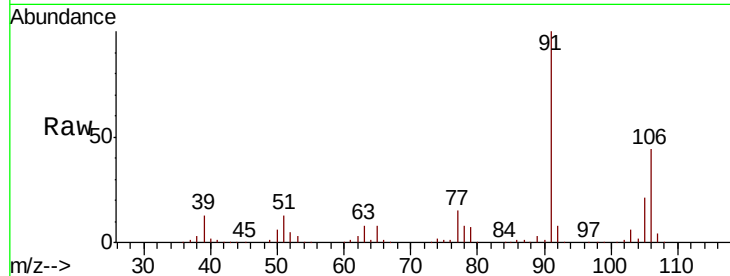




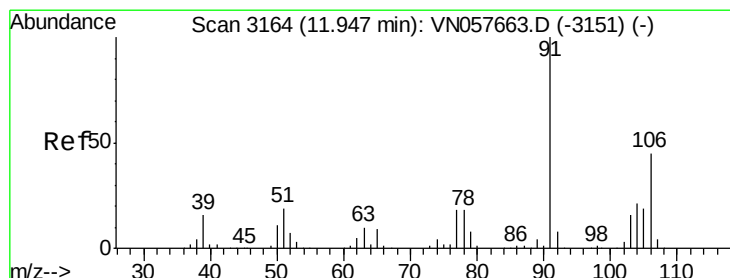
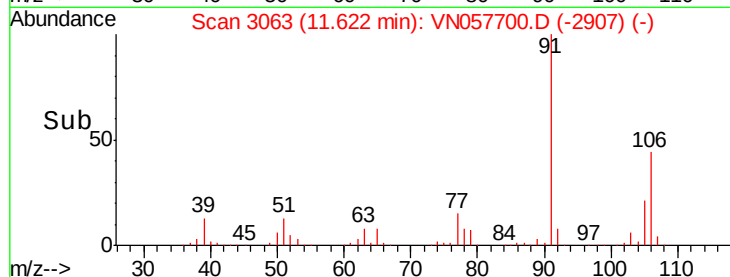
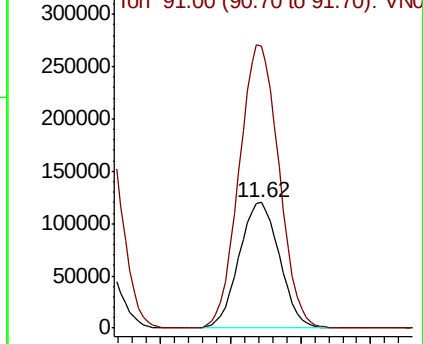
#67
m/p-Xylenes
Concen: 37.676 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 241800
Ion Ratio Lower Upper
106 100
91 220.8 178.9 268.3

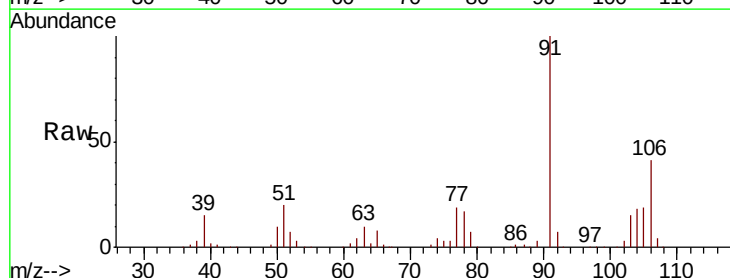


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

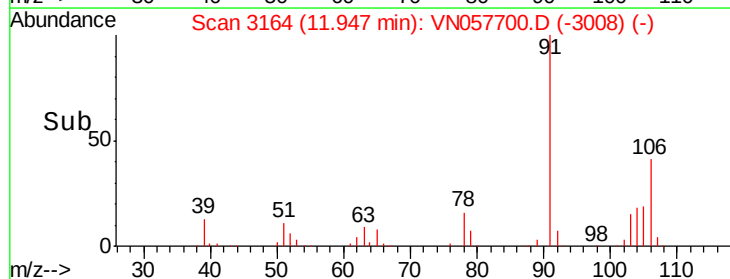
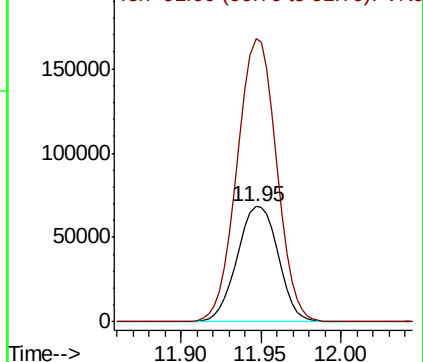


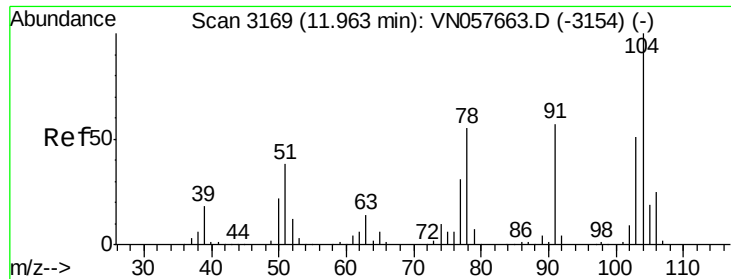
#68
o-Xylene
Concen: 18.746 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

Tgt Ion:106 Resp: 119793
Ion Ratio Lower Upper
106 100
91 236.1 114.0 342.0



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





#69

Styrene

Concen: 17.386 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

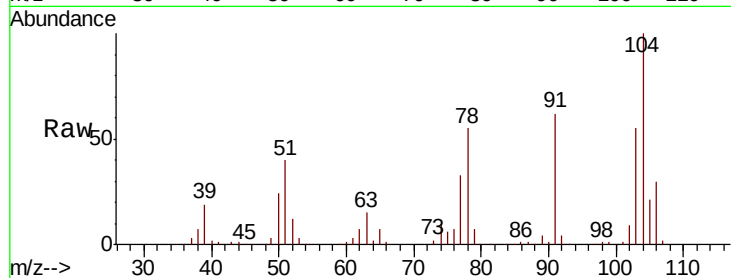
Tgt Ion:104 Resp: 178076

Ion Ratio Lower Upper

104 100

78 61.9 49.0 73.6

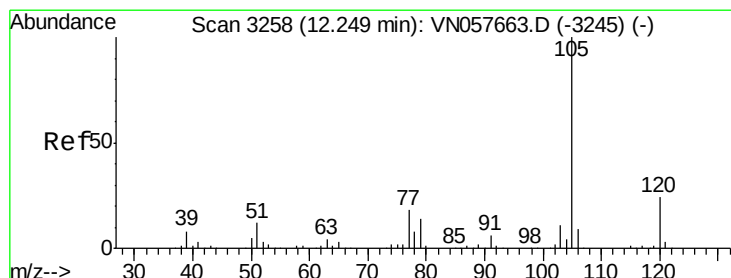
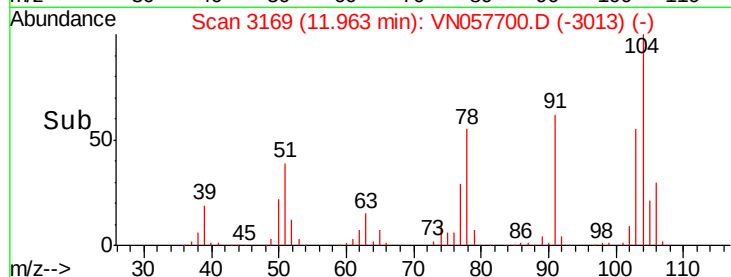
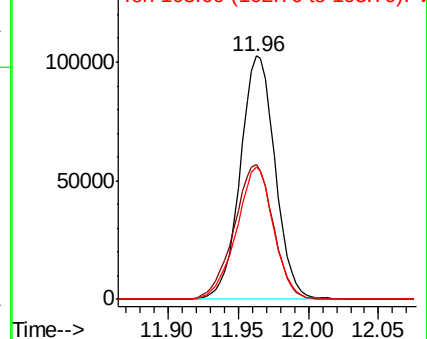
103 57.8 44.9 67.3



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



#70

Isopropylbenzene

Concen: 19.398 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057700.D

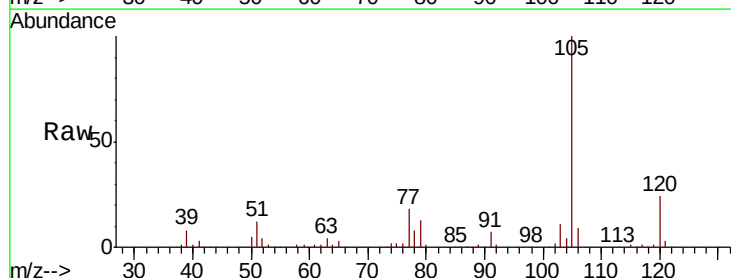
Acq: 5 Sep 2019 12:53

Tgt Ion:105 Resp: 340025

Ion Ratio Lower Upper

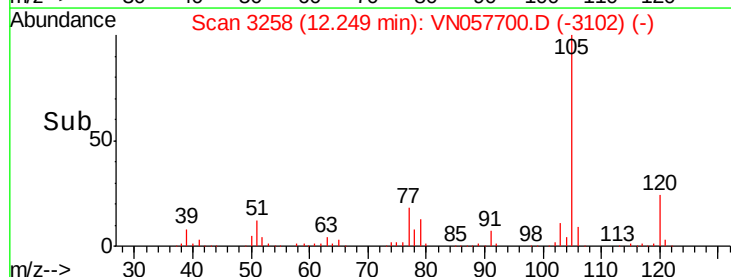
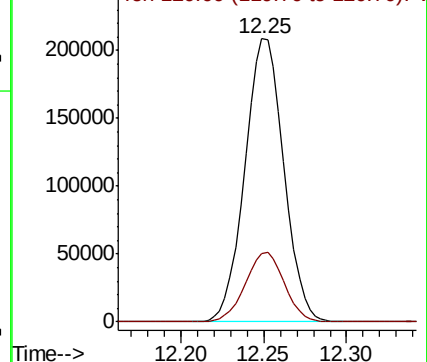
105 100

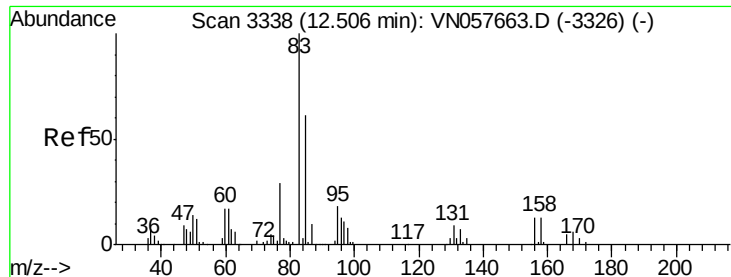
120 24.6 17.2 32.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

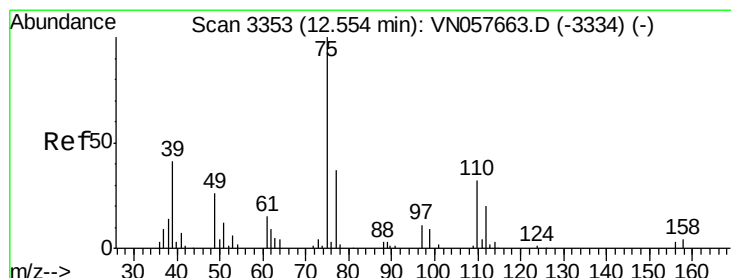
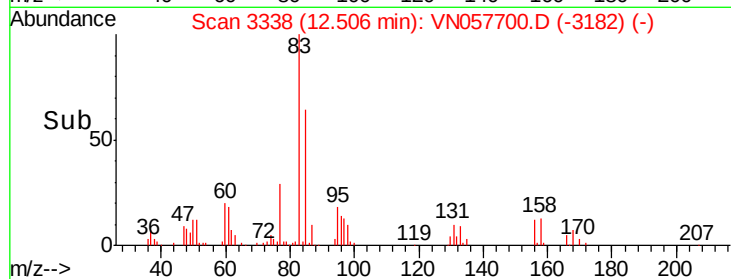
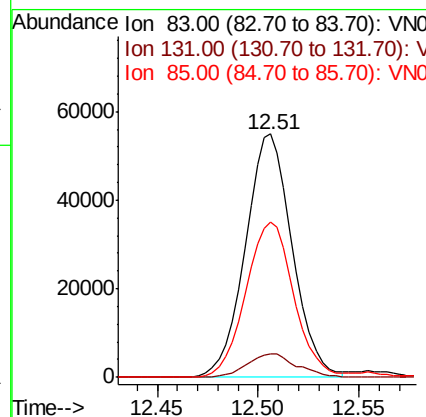
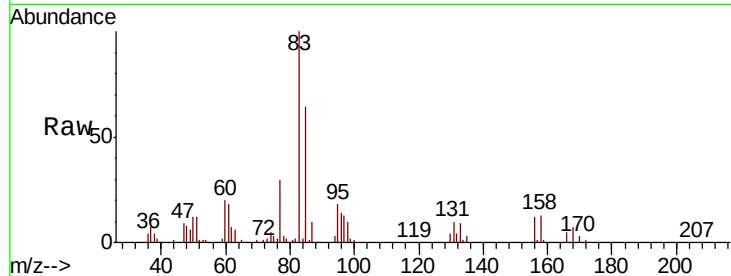




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.360 ug/l
 RT: 12.51 min Scan# 3338
 Delta R.T. 0.00 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

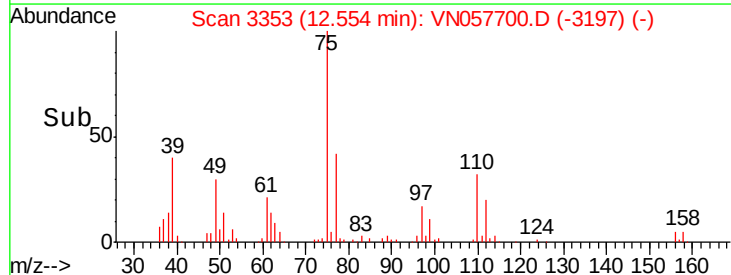
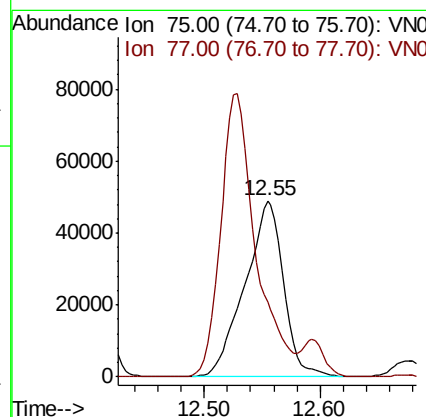
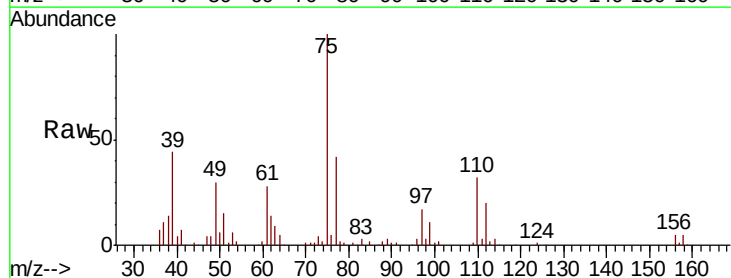
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

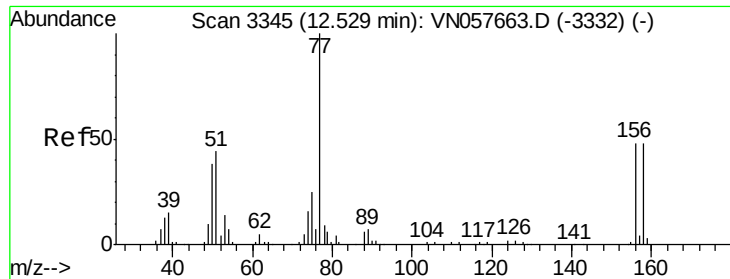
Tgt Ion: 83 Resp: 89285
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.0 14.9
 85 65.0 31.7 95.1



#72
 1,2,3-Trichloropropane
 Concen: 26.265 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

Tgt Ion: 75 Resp: 113922
 Ion Ratio Lower Upper
 75 100
 77 145.1 0.0 405.6

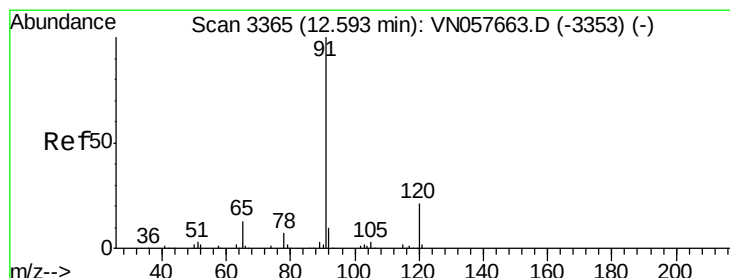
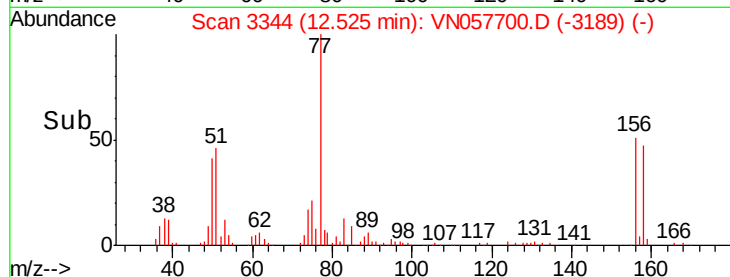
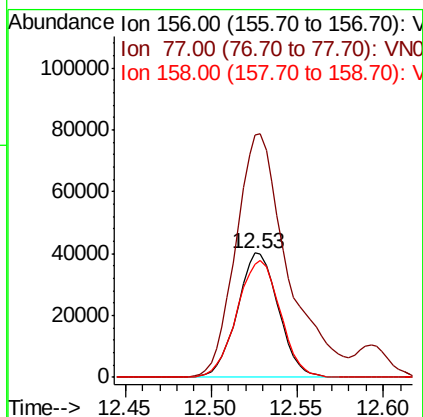
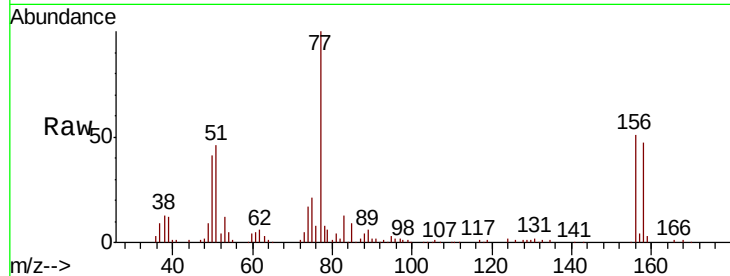




#73
Bromobenzene
Concen: 18.027 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

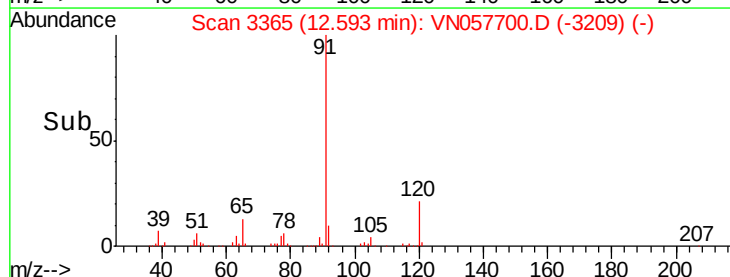
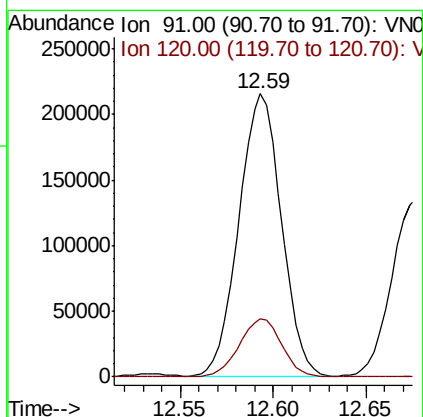
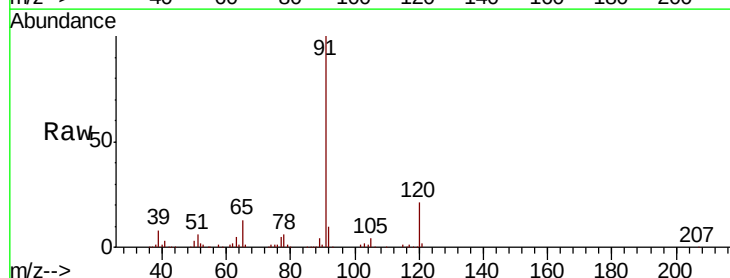
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

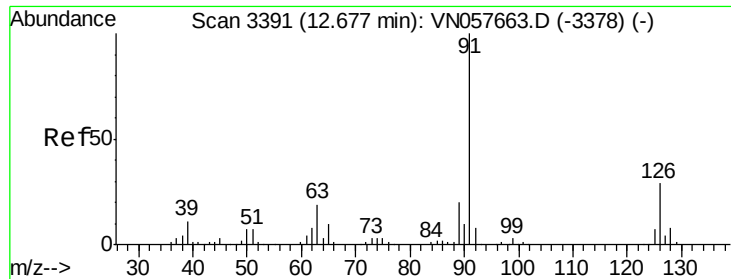
Tgt Ion:156 Resp: 66961
Ion Ratio Lower Upper
156 100
77 246.9 0.0 495.6
158 98.4 0.0 197.8



#74
n-propylbenzene
Concen: 17.726 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

Tgt Ion: 91 Resp: 343942
Ion Ratio Lower Upper
91 100
120 20.4 0.0 40.4





#75

2-Chlorotoluene

Concen: 18.616 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

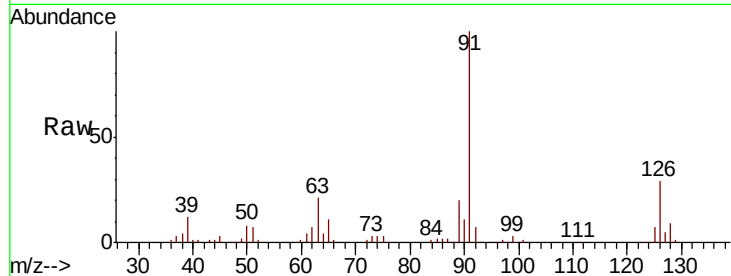
VSTDCCC020EC

Tgt Ion: 91 Resp: 226145

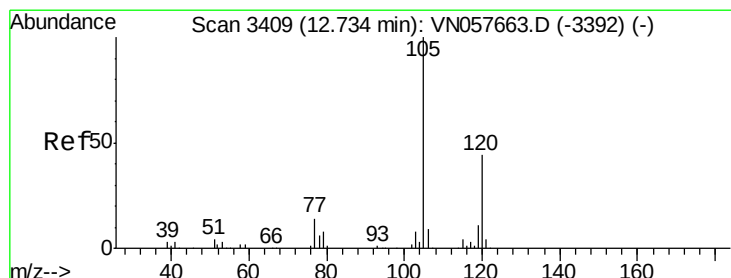
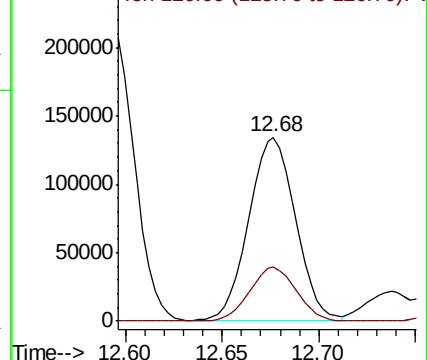
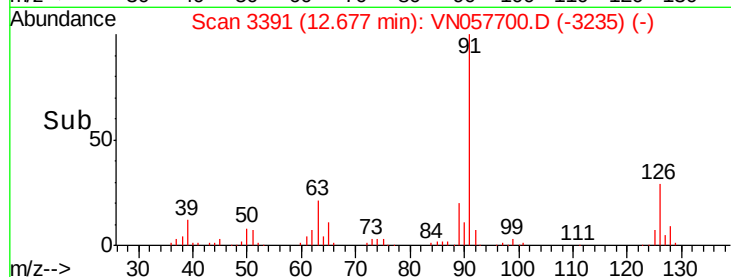
Ion Ratio Lower Upper

91 100

126 29.4 0.0 59.2



Abundance Ion 91.00 (90.70 to 91.70): VN057700.D (-3235) (-)



#76

1,3,5-Trimethylbenzene

Concen: 18.920 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057700.D

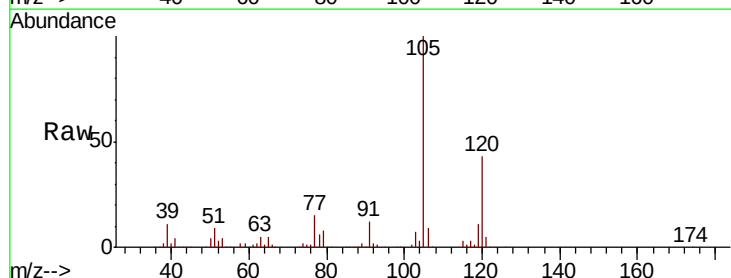
Acq: 5 Sep 2019 12:53

Tgt Ion: 105 Resp: 275314

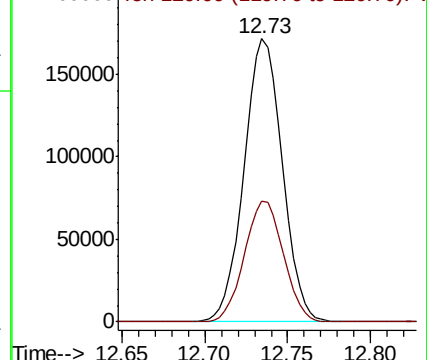
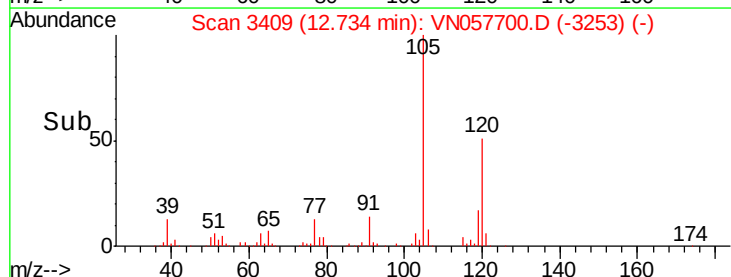
Ion Ratio Lower Upper

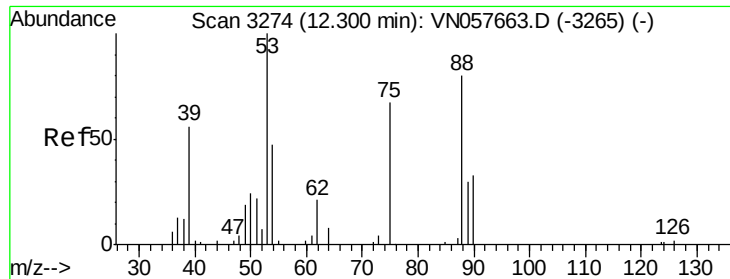
105 100

120 43.7 0.0 91.0



Abundance Ion 105.00 (104.70 to 105.70): VN057700.D (-3253) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 15.872 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

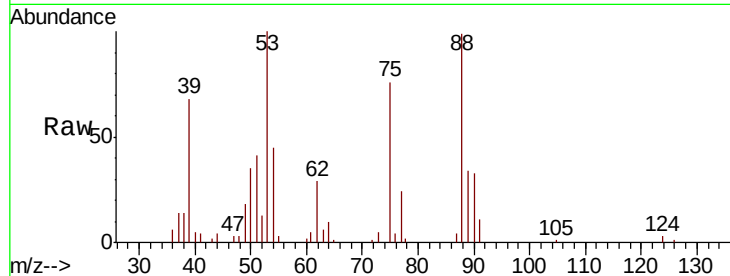
Tgt Ion: 75 Resp: 21015

Ion Ratio Lower Upper

75 100

53 131.6 74.2 222.6

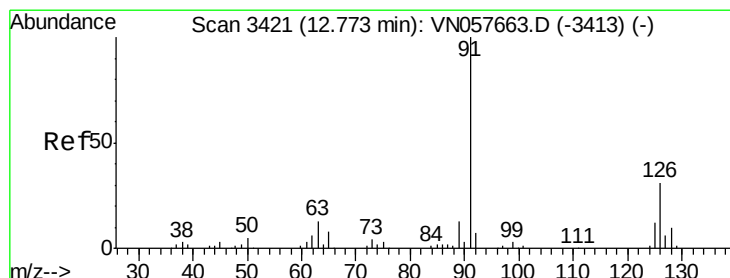
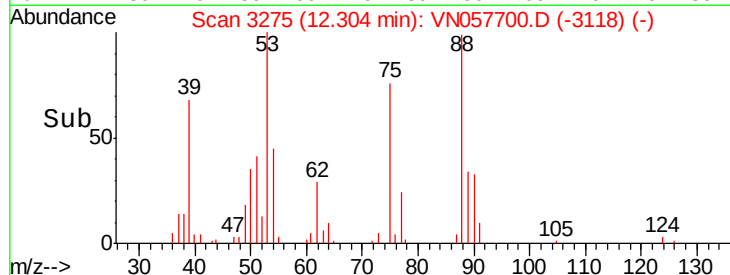
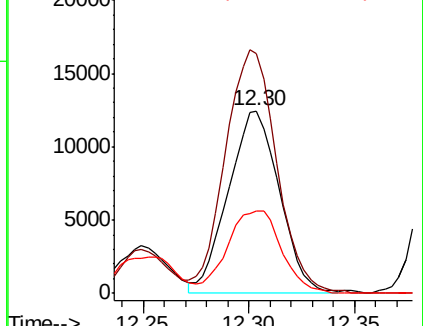
89 45.7 23.3 69.9



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 16.794 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057700.D

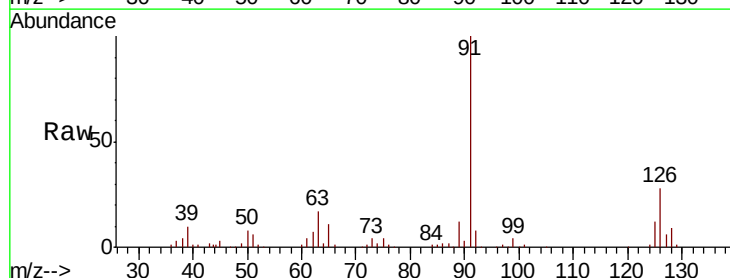
Acq: 5 Sep 2019 12:53

Tgt Ion: 91 Resp: 193833

Ion Ratio Lower Upper

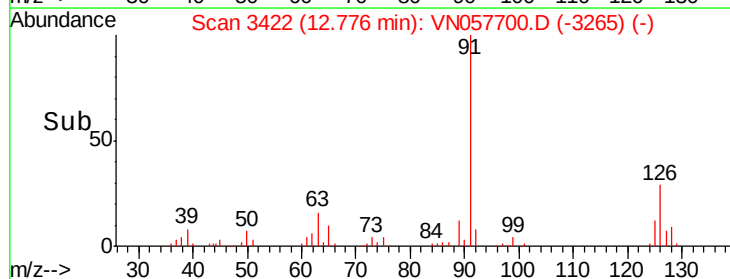
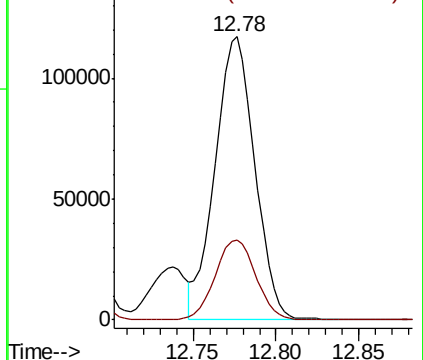
91 100

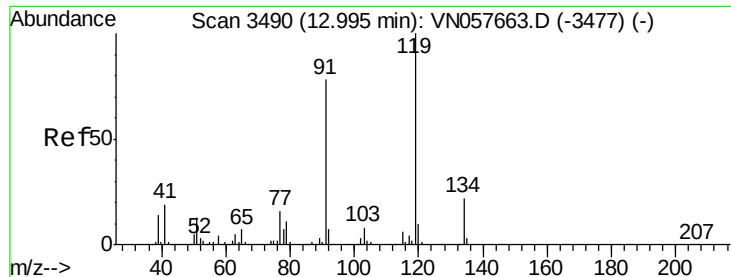
126 29.0 0.0 57.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

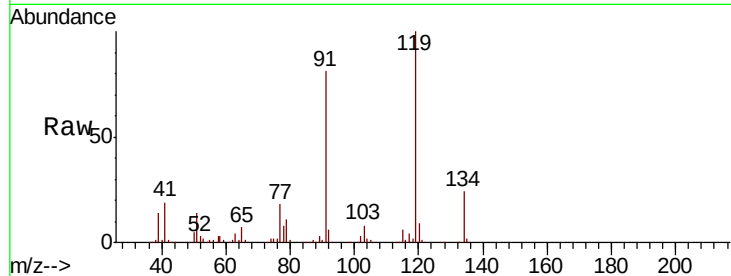




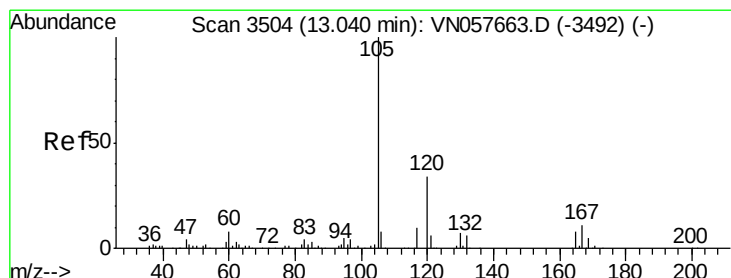
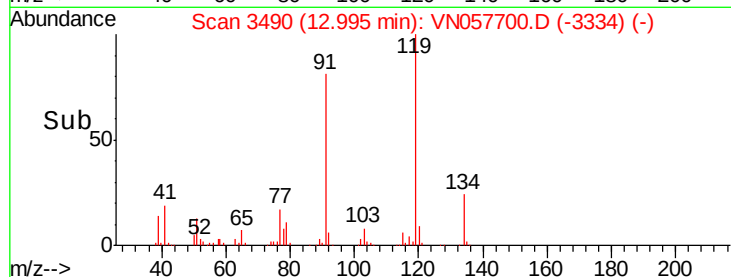
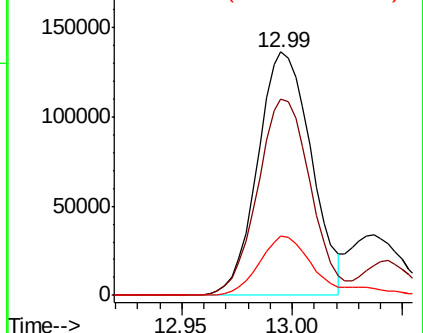
#79
tert-butylbenzene
Concen: 18.352 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 229352
Ion Ratio Lower Upper
119 100
91 79.6 0.0 155.6
134 23.5 0.0 48.2

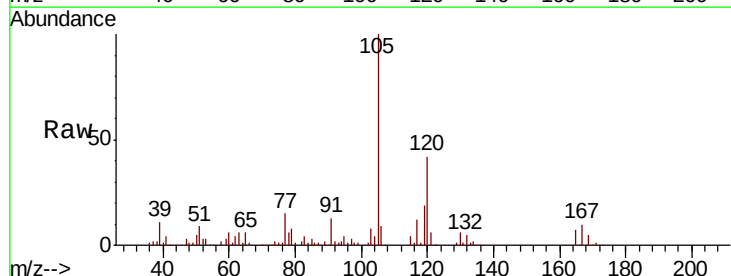


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

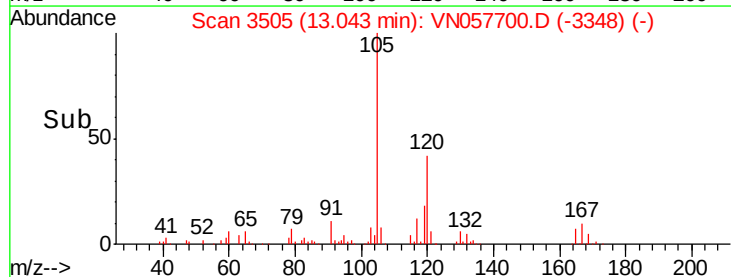
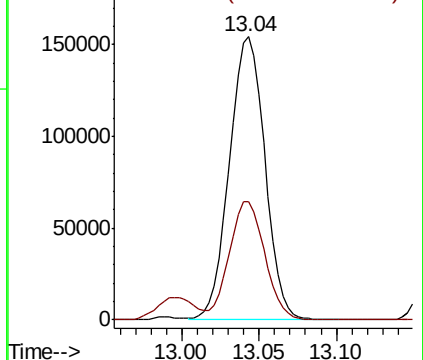


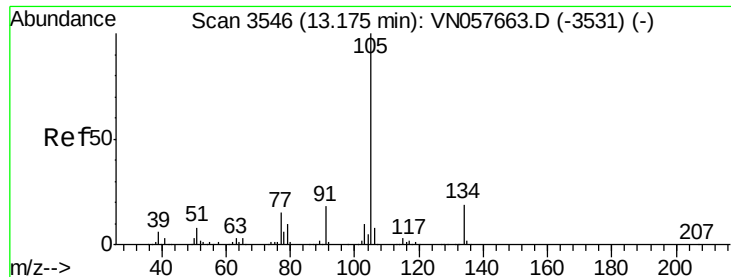
#80
1,2,4-Trimethylbenzene
Concen: 17.995 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

Tgt Ion:105 Resp: 246029
Ion Ratio Lower Upper
105 100
120 41.8 0.0 83.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 17.614 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

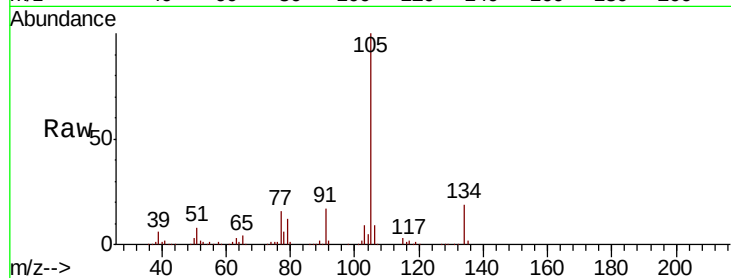
VSTDCCC020EC

Tgt Ion:105 Resp: 283677

Ion Ratio Lower Upper

105 100

134 18.5 0.0 36.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

200000

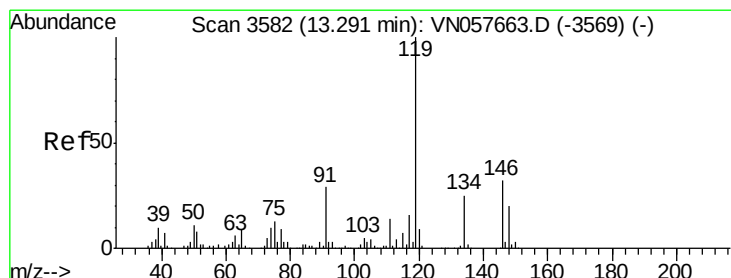
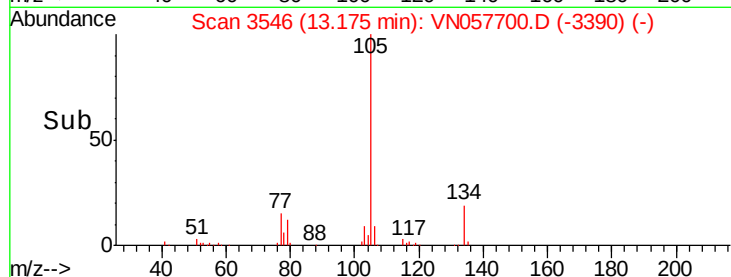
150000

100000

50000

0

Time--> 13.10 13.15 13.20



#82

p-Isopropyltoluene

Concen: 16.645 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

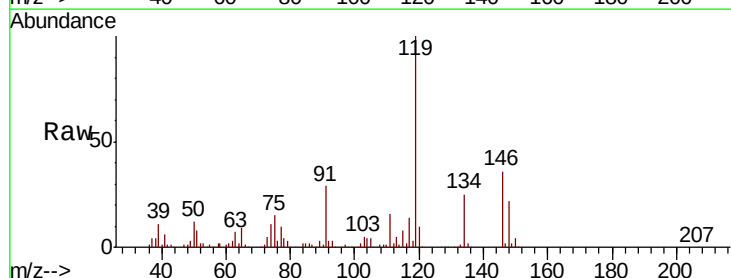
Tgt Ion:119 Resp: 227683

Ion Ratio Lower Upper

119 100

134 24.9 0.0 49.6

91 29.3 0.0 56.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

200000

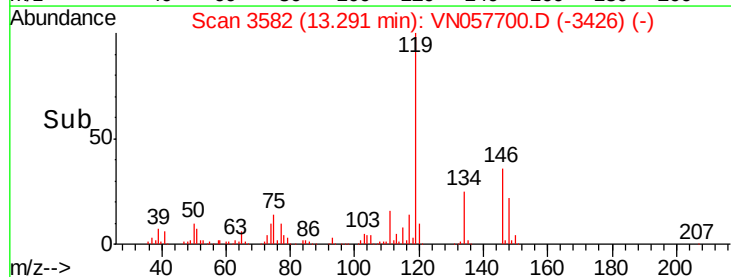
150000

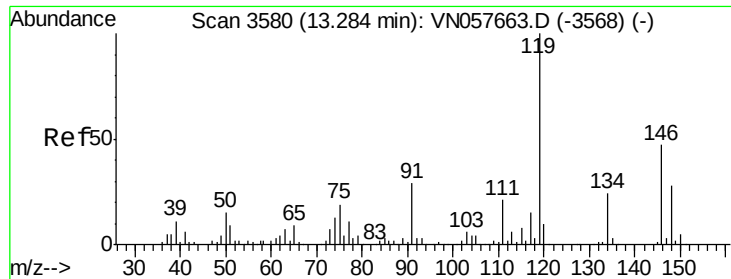
100000

50000

0

Time--> 13.25 13.30 13.35

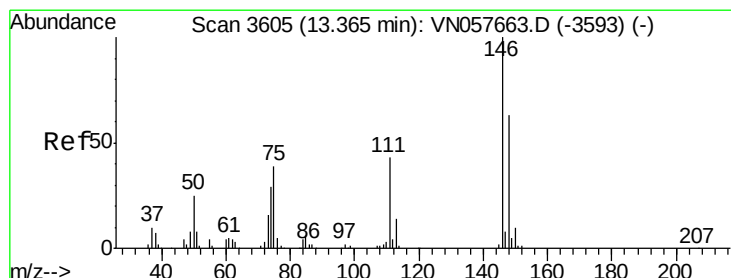
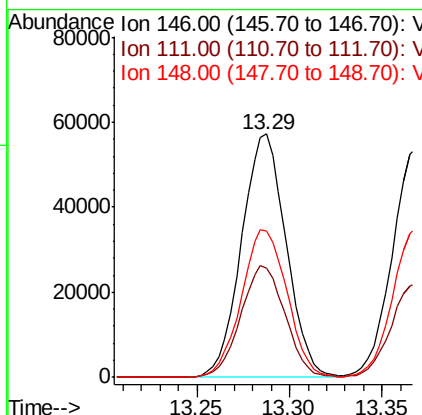
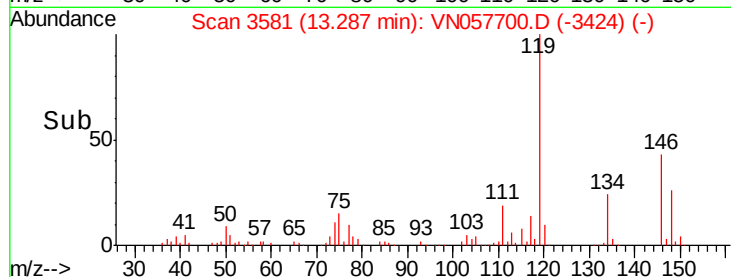
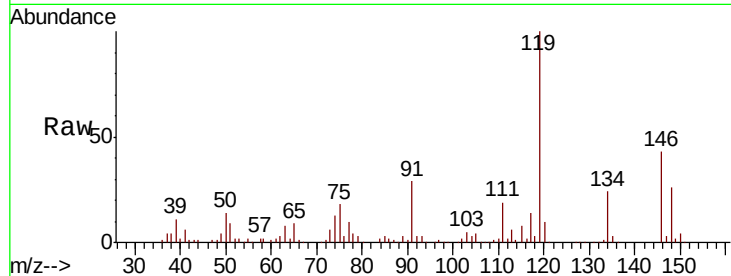




#83
 1,3-Dichlorobenzene
 Concen: 17.171 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

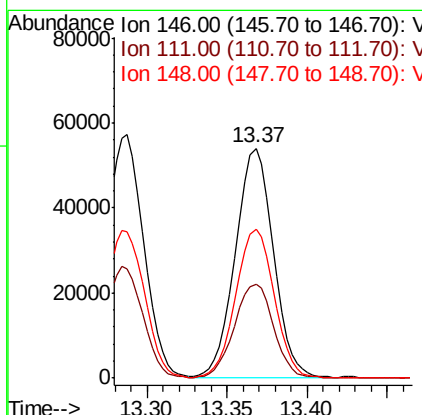
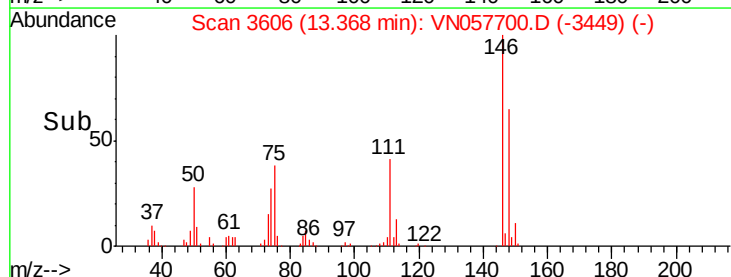
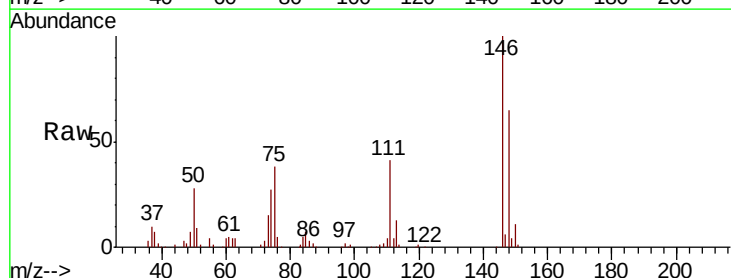
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

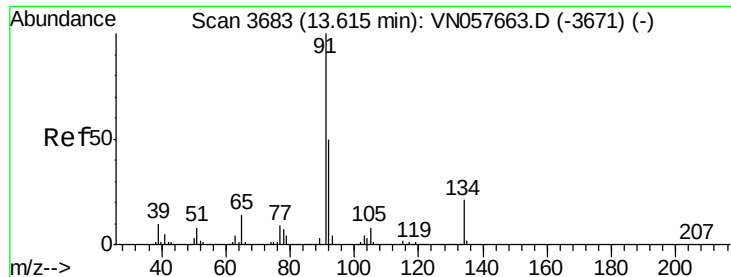
Tgt Ion:146 Resp: 95522
 Ion Ratio Lower Upper
 146 100
 111 45.6 22.1 66.3
 148 62.1 31.3 93.9



#84
 1,4-Dichlorobenzene
 Concen: 16.768 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

Tgt Ion:146 Resp: 88057
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.3 63.9
 148 65.1 31.0 93.0





#85

n-Butylbenzene

Concen: 16.058 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN057700.D

Acq: 5 Sep 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

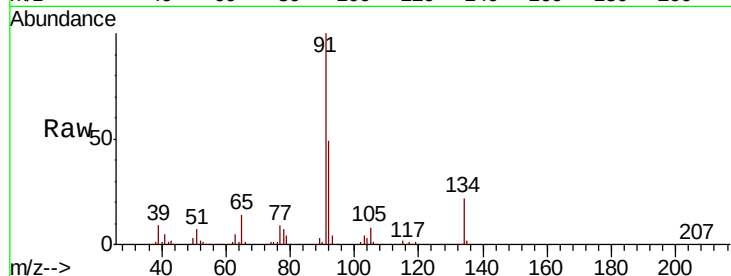
Tgt Ion: 91 Resp: 193071

Ion Ratio Lower Upper

91 100

92 50.6 0.0 100.2

134 22.4 0.0 43.8

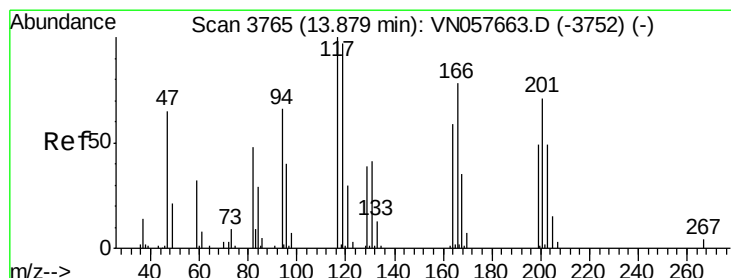
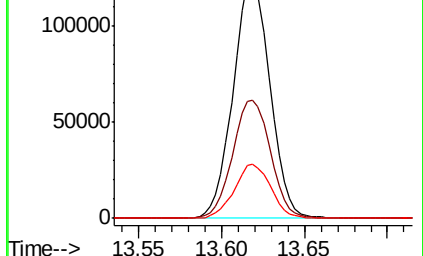
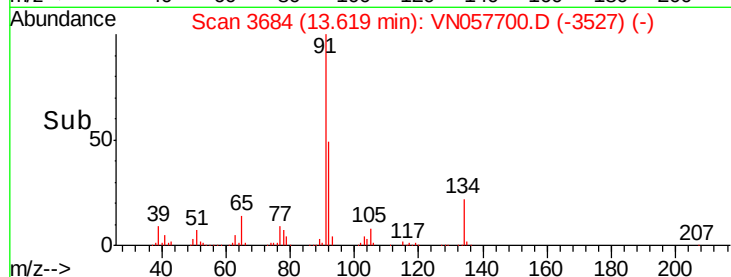


Abundance Ion 91.00 (90.70 to 91.70): VN057700.D (-3527) (-)

Ion 92.00 (91.70 to 92.70): VN057700.D (-3527) (-)

Ion 134.00 (133.70 to 134.70): VN057700.D (-3527) (-)

Time-->



#86

Hexachloroethane

Concen: 18.229 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN057700.D

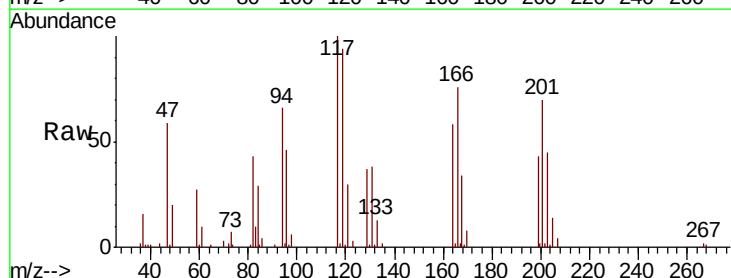
Acq: 5 Sep 2019 12:53

Tgt Ion: 117 Resp: 45122

Ion Ratio Lower Upper

117 100

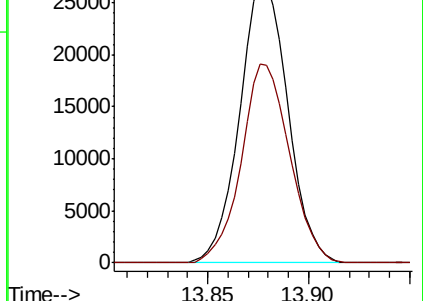
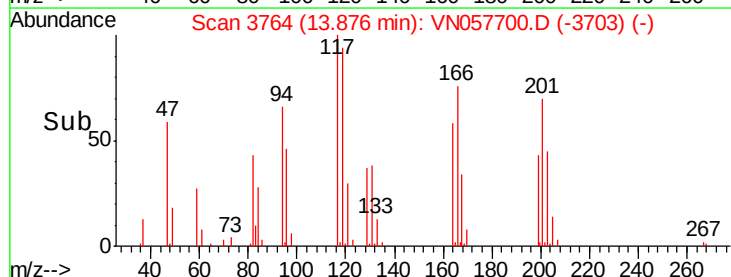
201 71.0 34.1 102.2

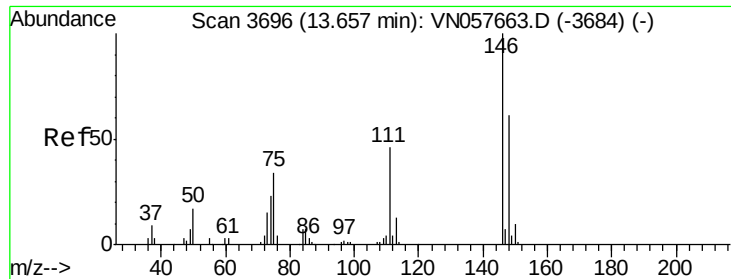


Abundance Ion 117.00 (116.70 to 117.70): VN057700.D (-3703) (-)

Ion 201.00 (200.70 to 201.70): VN057700.D (-3703) (-)

Time-->

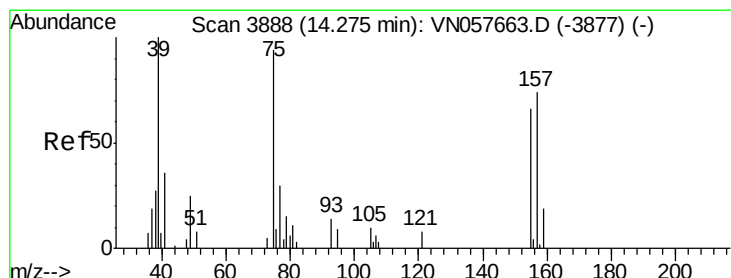
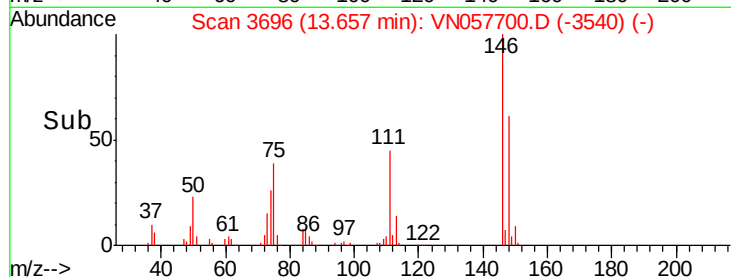
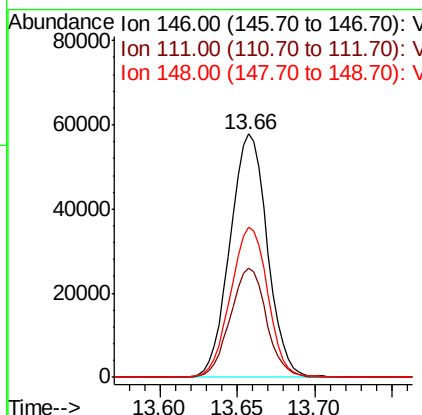
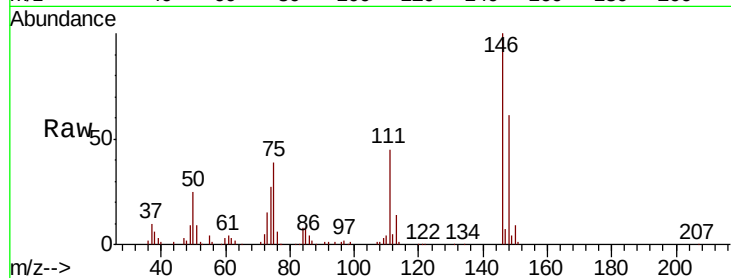




#87
 1,2-Dichlorobenzene
 Concen: 18.861 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

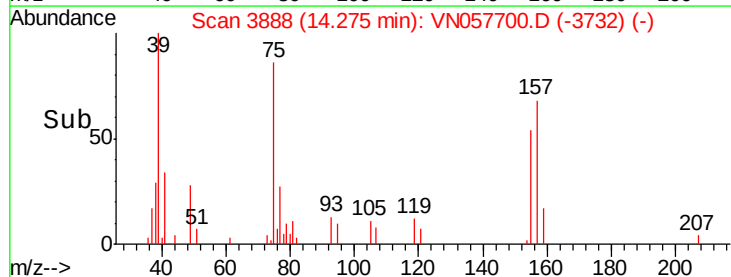
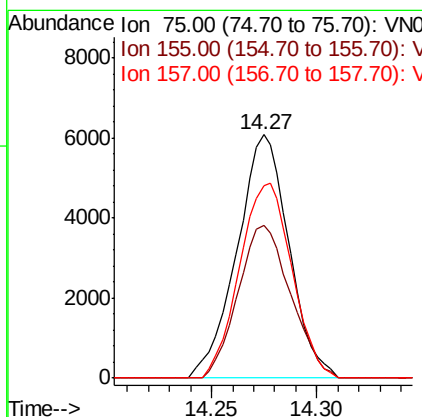
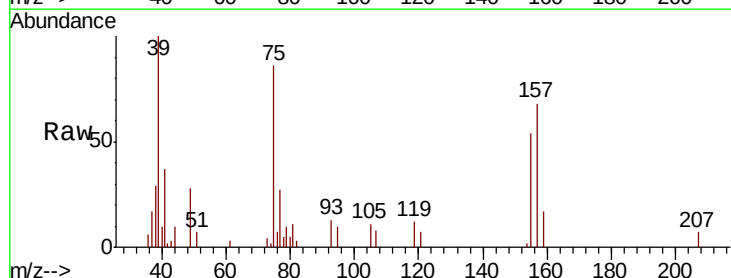
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

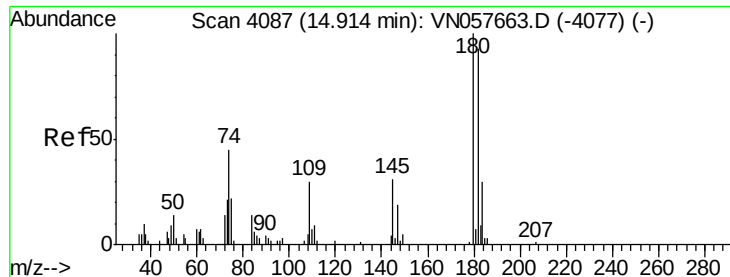
Tgt Ion:146 Resp: 96803
 Ion Ratio Lower Upper
 146 100
 111 43.5 22.6 67.7
 148 61.6 31.3 93.9



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.358 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

Tgt Ion: 75 Resp: 10384
 Ion Ratio Lower Upper
 75 100
 155 63.7 54.6 82.0
 157 80.8 65.5 98.3

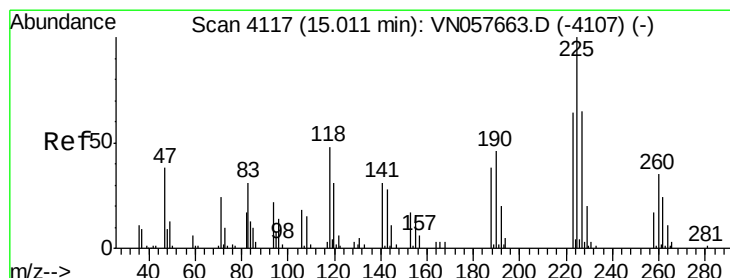
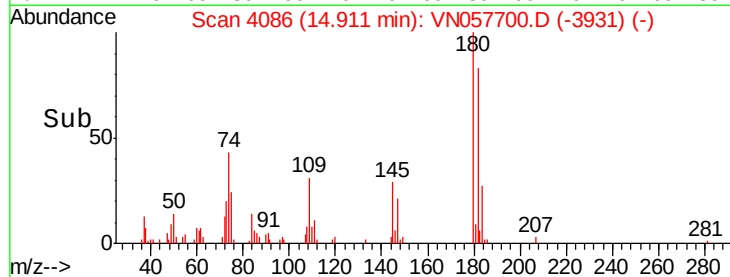
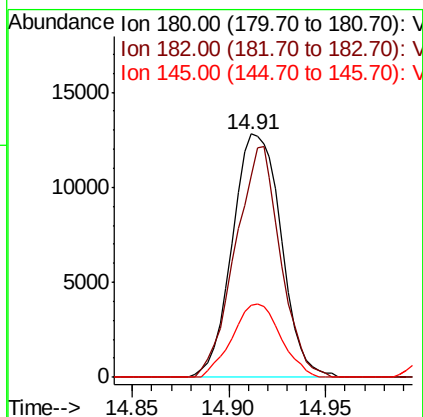
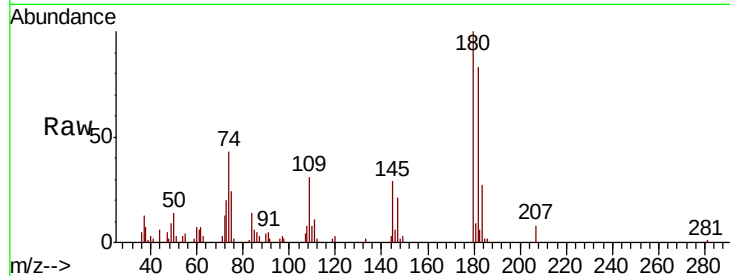




#89
 1,2,4-Trichlorobenzene
 Concen: 12.619 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

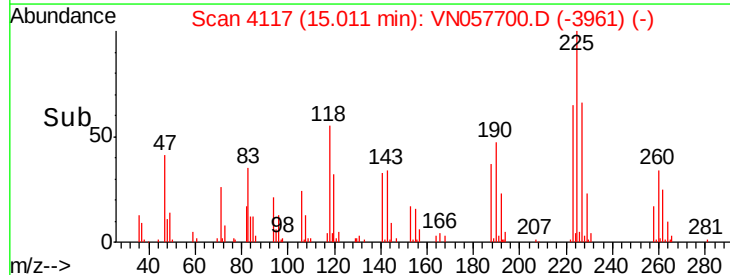
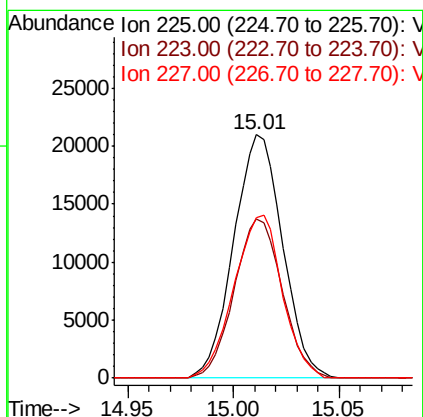
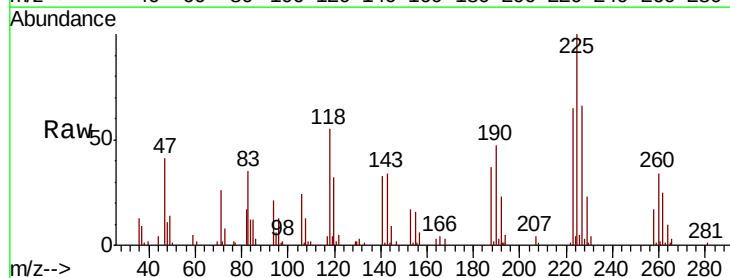
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

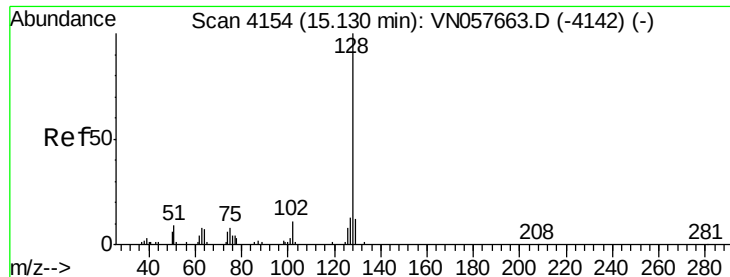
Tgt Ion:180 Resp: 22440
 Ion Ratio Lower Upper
 180 100
 182 87.7 77.4 116.2
 145 30.0 25.1 37.7



#90
 Hexachlorobutadiene
 Concen: 17.159 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057700.D
 Acq: 5 Sep 2019 12:53

Tgt Ion:225 Resp: 33845
 Ion Ratio Lower Upper
 225 100
 223 64.2 0.0 131.0
 227 65.8 0.0 128.6

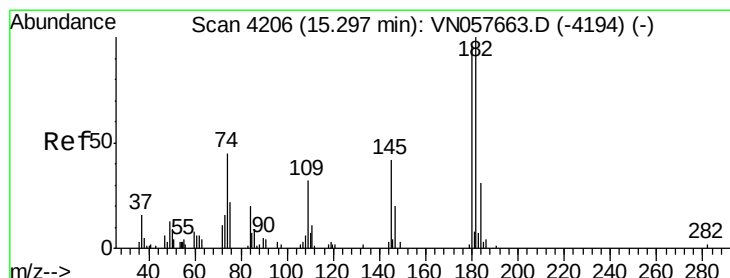
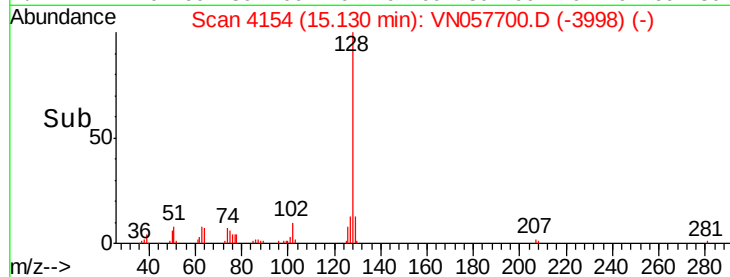
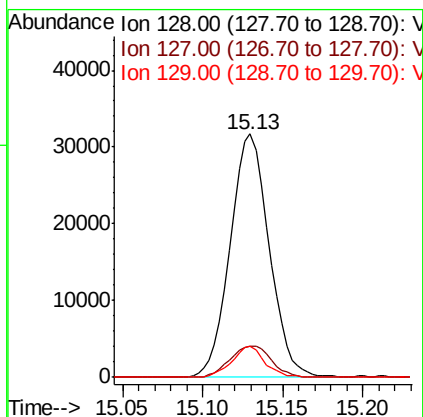
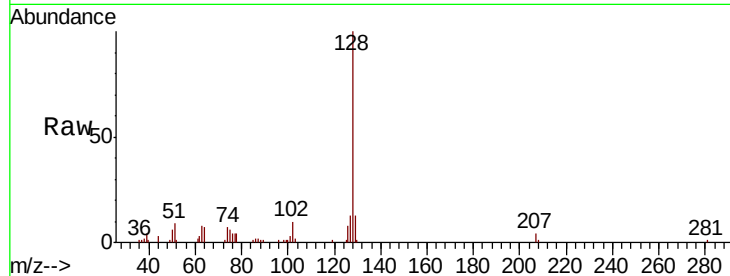




#91
Naphthalene
Concen: 11.399 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 52645
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 10.7 9.1 13.7



#92
1,2,3-Trichlorobenzene
Concen: 12.838 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN057700.D
Acq: 5 Sep 2019 12:53

Tgt Ion:180 Resp: 22183
Ion Ratio Lower Upper
180 100
182 90.7 0.0 199.4
145 34.9 0.0 73.2

