

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061325.D
 Acq On : 7 May 2020 11:40
 Operator : JC/MD
 Sample : VN0507WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 08 01:20:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	99206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	168810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	156074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	72015	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	82376	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
35) Dibromofluoromethane	7.54	113	50948	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
50) Toluene-d8	10.06	98	211625	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.37	95	76732	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	18619	17.699	ug/l 99
3) Chloromethane	2.03	50	25068	19.675	ug/l 100
4) Vinyl Chloride	2.16	62	28265	19.532	ug/l 98
5) Bromomethane	2.54	94	12135	16.964	ug/l 97
6) Chloroethane	2.67	64	17117	18.661	ug/l 95
7) Trichlorofluoromethane	2.98	101	35682	21.855	ug/l 100
8) Diethyl Ether	3.37	74	13646	20.038	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	21092	20.053	ug/l 99
10) Methyl Iodide	3.91	142	21729	16.075	ug/l 99
11) Tert butyl alcohol	4.73	59	19675	93.566	ug/l 97
12) 1,1-Dichloroethene	3.69	96	19596	18.722	ug/l 96
13) Acrolein	3.56	56	16107	114.942	ug/l 97
14) Allyl chloride	4.27	41	42005	21.643	ug/l 99
15) Acrylonitrile	4.92	53	61486	95.253	ug/l 98
16) Acetone	3.77	43	58980	93.697	ug/l 100
17) Carbon Disulfide	4.00	76	49320	17.058	ug/l 97
18) Methyl Acetate	4.27	43	33901	17.555	ug/l 97
19) Methyl tert-butyl Ether	4.99	73	75573	18.895	ug/l 99
20) Methylene Chloride	4.50	84	23240	18.987	ug/l 99
21) trans-1,2-Dichloroethene	4.98	96	21604	18.955	ug/l 98
22) Diisopropyl ether	5.90	45	87499	19.442	ug/l 97
23) Vinyl Acetate	5.84	43	342201	94.434	ug/l 100
24) 1,1-Dichloroethane	5.79	63	45923	19.530	ug/l 98
25) 2-Butanone	6.78	43	86292	92.900	ug/l 100
26) 2,2-Dichloropropane	6.77	77	40790	20.595	ug/l 98
27) cis-1,2-Dichloroethene	6.78	96	25342	18.947	ug/l 98
28) Bromochloromethane	7.15	49	23345	20.946	ug/l 97
29) Tetrahydrofuran	7.16	42	56408	90.151	ug/l 99
30) Chloroform	7.33	83	45807	19.223	ug/l 100
31) Cyclohexane	7.61	56	38996	17.077	ug/l 97
32) 1,1,1-Trichloroethane	7.53	97	39160	18.872	ug/l 99
36) 1,1-Dichloropropene	7.75	75	32150	19.025	ug/l 99
37) Ethyl Acetate	6.88	43	36629	18.489	ug/l 99
38) Carbon Tetrachloride	7.73	117	28507	19.930	ug/l 99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	30948	16.330	ug/l	98
40) Benzene	8.00	78	95224	18.914	ug/l	100
41) Methacrylonitrile	7.12	41	14998	18.234	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	38595	20.236	ug/l	99
43) Isopropyl Acetate	8.12	43	61441	18.687	ug/l #	91
44) Trichloroethene	8.80	130	24518	18.015	ug/l	100
45) 1,2-Dichloropropane	9.08	63	25917	19.269	ug/l	97
46) Dibromomethane	9.17	93	16410	19.705	ug/l	98
47) Bromodichloromethane	9.37	83	35252	19.721	ug/l	96
48) Methyl methacrylate	9.17	41	27363	18.443	ug/l	97
49) 1,4-Dioxane	9.17	88	6393	379.605	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	183586	94.863	ug/l	99
52) Toluene	10.12	92	58172	19.183	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	38321	19.026	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	40862	19.190	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	23557	19.476	ug/l	97
56) Ethyl methacrylate	10.40	69	33940	17.951	ug/l	96
57) 1,3-Dichloropropane	10.68	76	41258	19.406	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	91824	93.787	ug/l	98
59) 2-Hexanone	10.72	43	128907	91.557	ug/l	100
60) Dibromochloromethane	10.87	129	24372	19.239	ug/l	98
61) 1,2-Dibromoethane	10.98	107	22947	18.928	ug/l	98
64) Tetrachloroethene	10.60	164	23285	17.226	ug/l	98
65) Chlorobenzene	11.41	112	59391	19.183	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	22143	19.983	ug/l	99
67) Ethyl Benzene	11.48	91	109741	18.935	ug/l	99
68) m/p-Xylenes	11.59	106	80108	37.762	ug/l	97
69) o-Xylene	11.92	106	37338	18.323	ug/l	96
70) Styrene	11.94	104	62174	18.230	ug/l	97
71) Bromoform	12.10	173	15403	18.914	ug/l #	99
73) Isopropylbenzene	12.22	105	102842	19.426	ug/l	99
74) N-amyl acetate	12.04	43	49556	18.485	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	33535	20.314	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	44855	29.544	ug/l #	100
77) Bromobenzene	12.50	156	24185	19.789	ug/l	97
78) n-propylbenzene	12.57	91	123915	19.733	ug/l	100
79) 2-Chlorotoluene	12.65	91	73452	19.901	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	86273	19.689	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	11331	18.952	ug/l	96
82) 4-Chlorotoluene	12.75	91	78083	20.072	ug/l	97
83) tert-Butylbenzene	12.97	119	70160	18.989	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	86911	19.252	ug/l	99
85) sec-Butylbenzene	13.15	105	93991	18.659	ug/l	99
86) p-Isopropyltoluene	13.26	119	84188	18.550	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	43544	19.354	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	43562	18.950	ug/l	96
89) n-Butylbenzene	13.59	91	75120	18.055	ug/l	98
90) Hexachloroethane	13.85	117	10914	27.164	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	42588	19.742	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	6776	19.435	ug/l	93

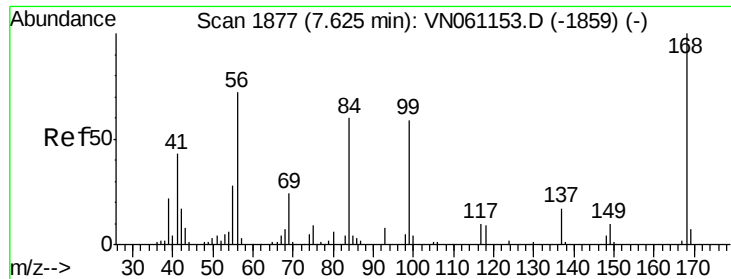
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Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	22942	17.464	ug/l	97
94) Hexachlorobutadiene	14.98	225	11347	20.676	ug/l	98
95) Naphthalene	15.11	128	69419	16.226	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	22666	17.476	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

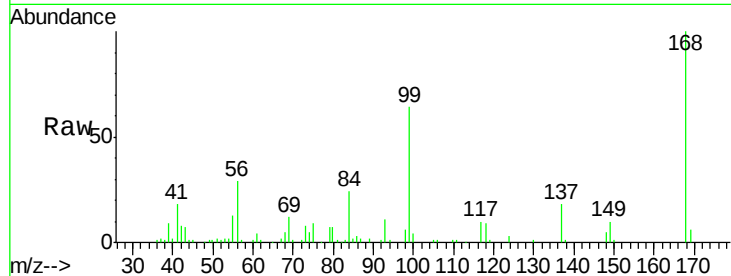
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 99206

Ion Ratio Lower Upper

168 100

99 63.6 51.2 76.8

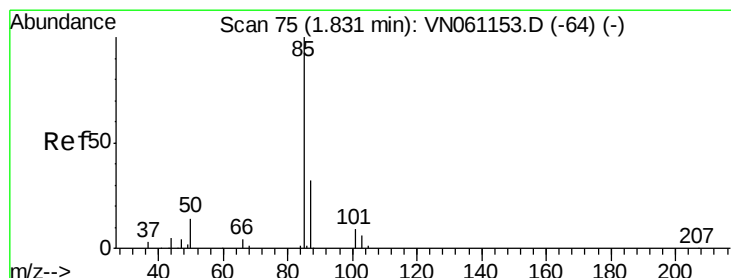
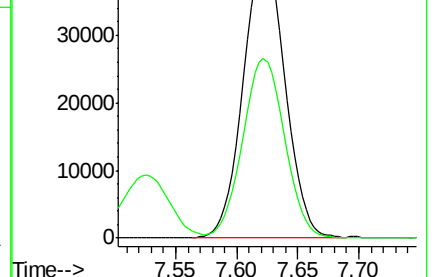
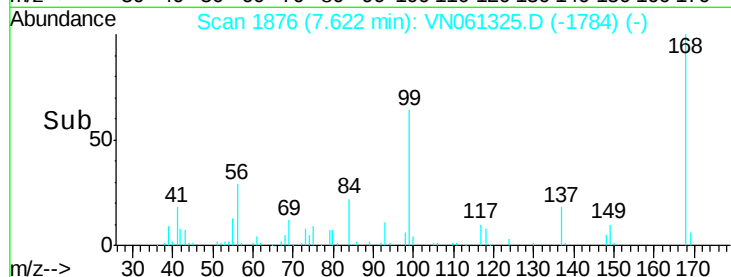


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

Time-->



#2

Dichlorodifluoromethane

Concen: 17.699 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061325.D

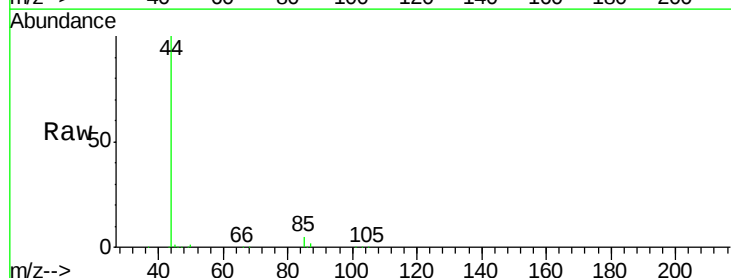
Acq: 7 May 2020 11:40

Tgt Ion: 85 Resp: 18619

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.2

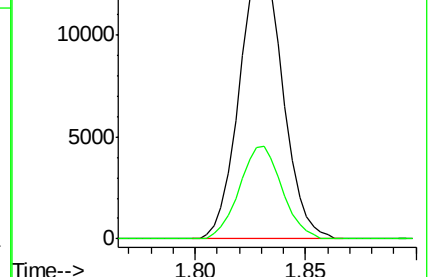
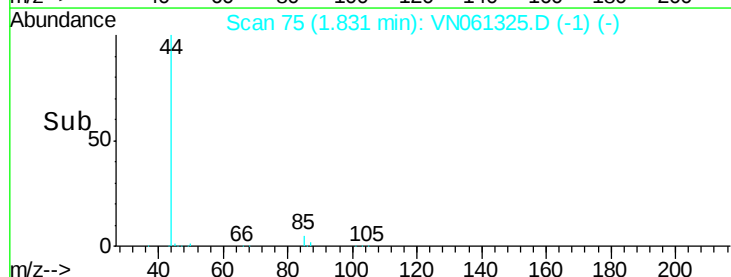


Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

Time-->





#3

Chloromethane

Concen: 19.675 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

Instrument :

MSVOA_N

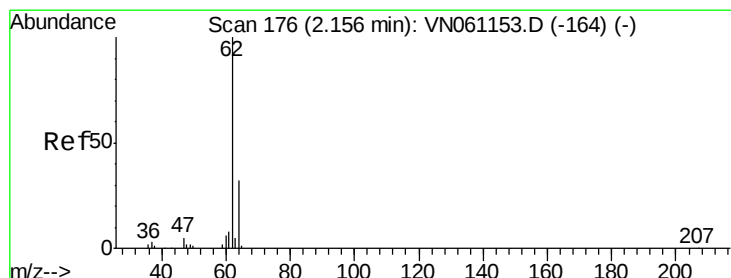
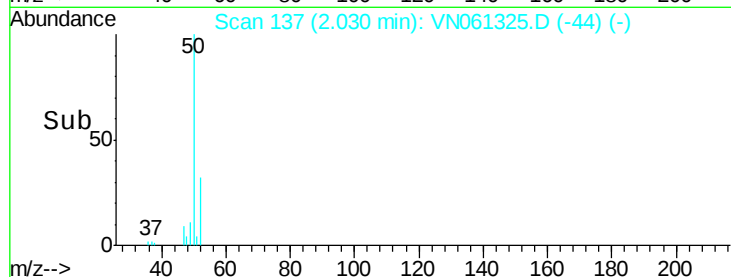
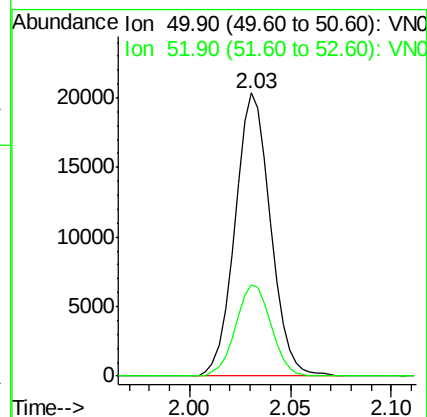
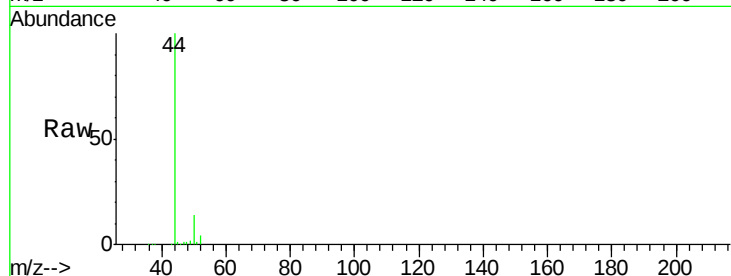
ClientSampled :

Tot Ion: 50 Resp: 25068

Ion Ratio Lower Upper

50 100

52 32.4 26.0 39.0



#4

Vinyl Chloride

Concen: 19.532 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061325.D

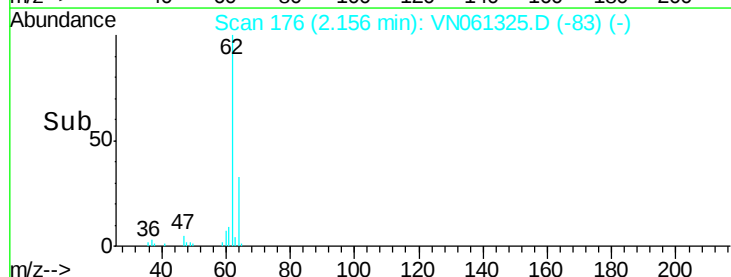
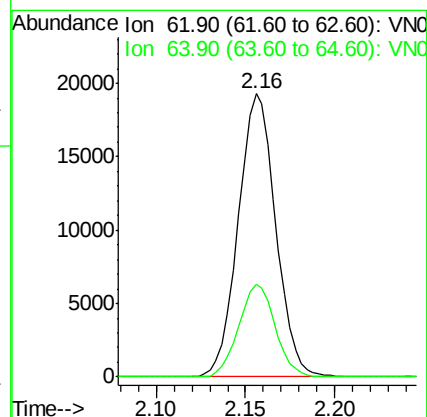
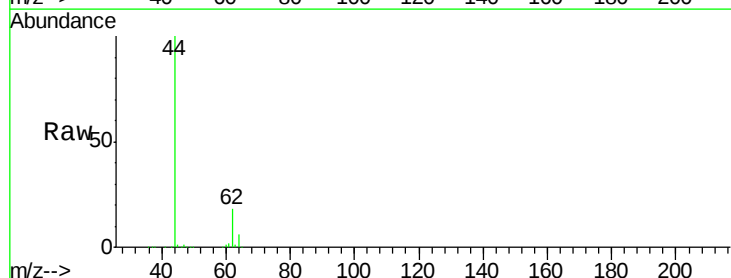
Acq: 7 May 2020 11:40

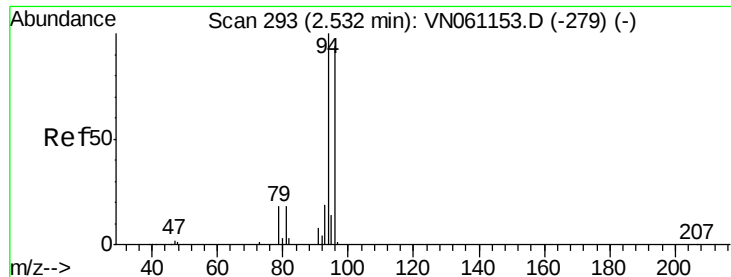
Tgt Ion: 62 Resp: 28265

Ion Ratio Lower Upper

62 100

64 32.8 25.2 37.8





#5

Bromomethane

Concen: 16.964 ug/l

RT: 2.54 min Scan# 294

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

Instrument :

MSVOA_N

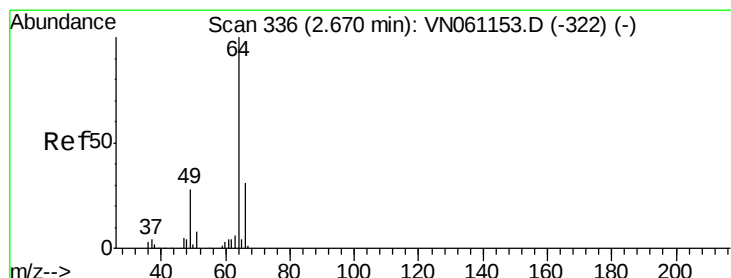
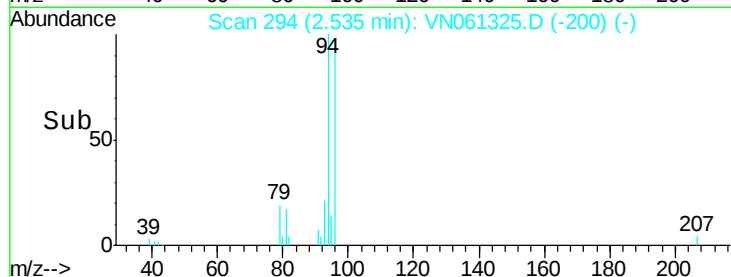
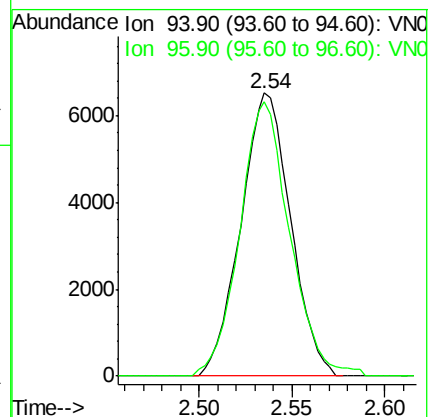
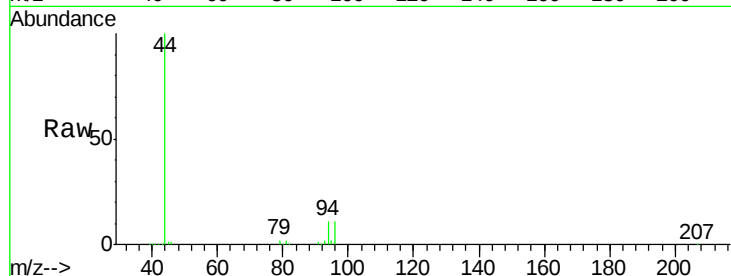
ClientSampled :

Tot Ion: 94 Resp: 12135

Ion Ratio Lower Upper

94 100

96 96.9 75.1 112.7



#6

Chloroethane

Concen: 18.661 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061325.D

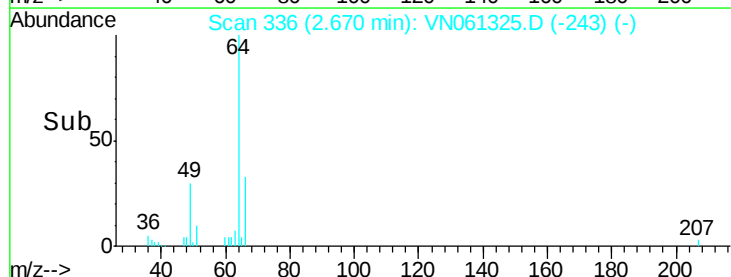
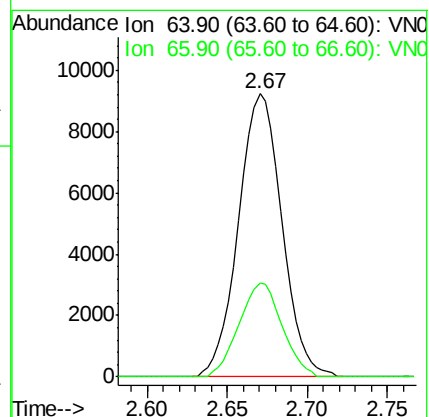
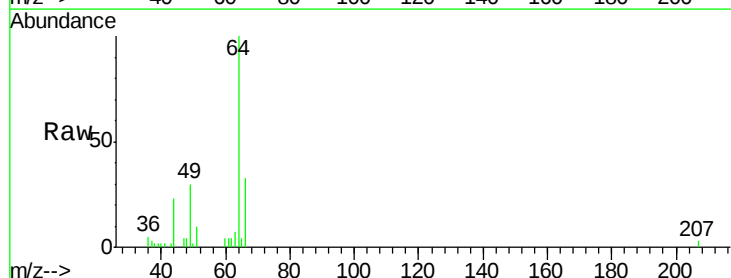
Acq: 7 May 2020 11:40

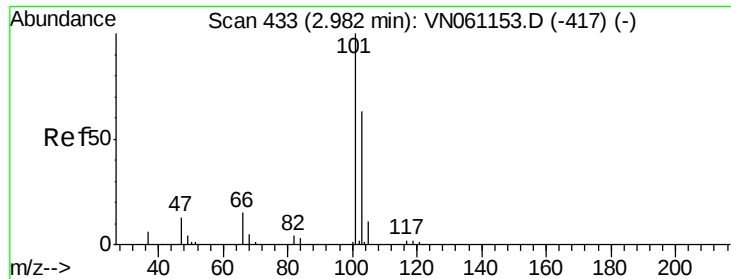
Tgt Ion: 64 Resp: 17117

Ion Ratio Lower Upper

64 100

66 33.3 24.6 36.8



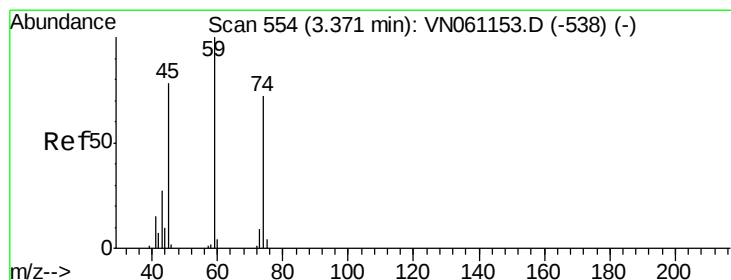
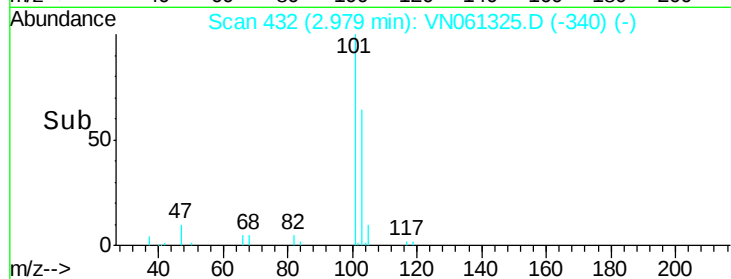
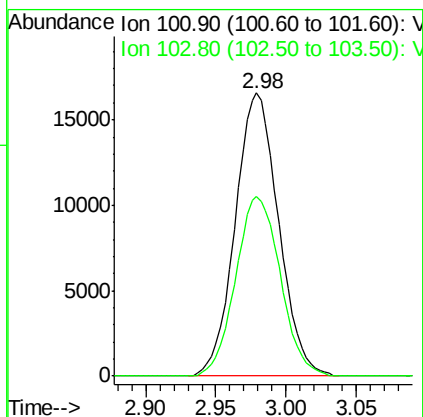
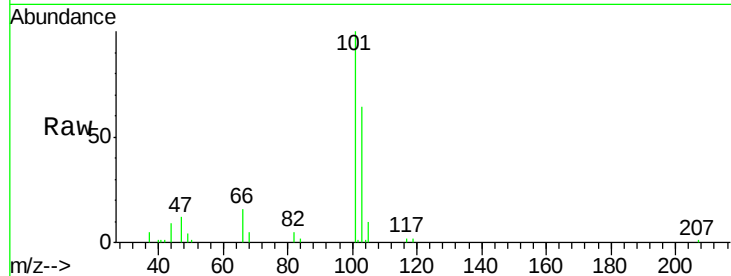


#7

Trichlorofluoromethane
 Concen: 21.855 ug/l
 RT: 2.98 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: VN061325.D
 Acq: 7 May 2020 11:40

Instrument :
 MSVOA_N
 ClientSampled :

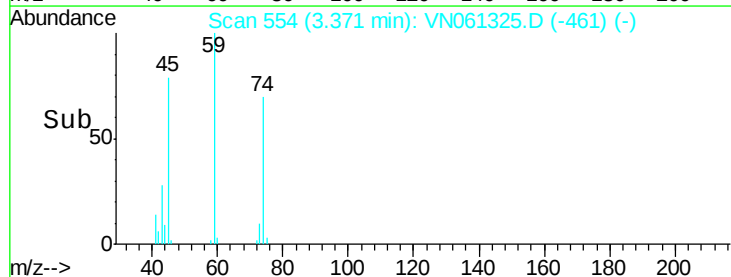
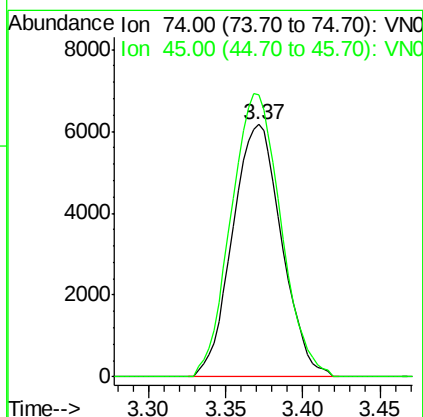
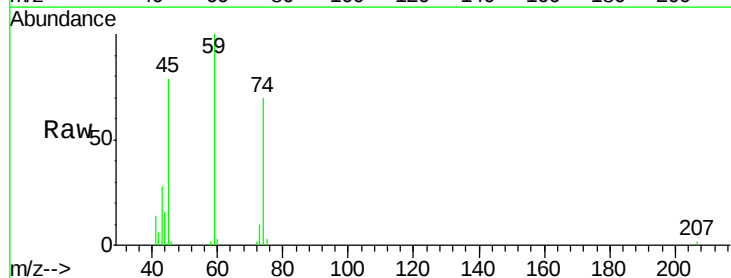
Tot Ion:101 Resp: 35682
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.6 76.0

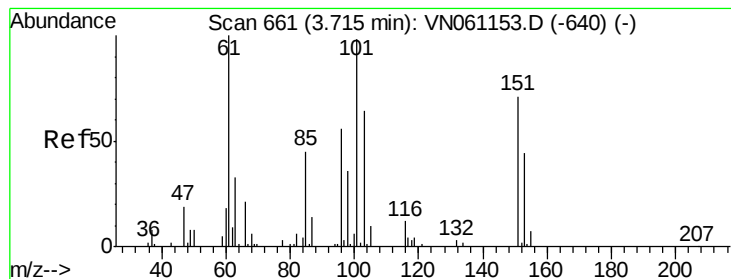


#8

Diethyl Ether
 Concen: 20.038 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061325.D
 Acq: 7 May 2020 11:40

Tgt Ion: 74 Resp: 13646
 Ion Ratio Lower Upper
 74 100
 45 113.4 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.053 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

Instrument :

MSVOA_N

ClientSampled :

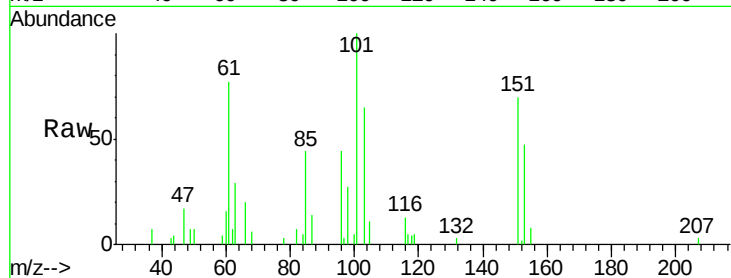
Tot Ion:101 Resp: 21092

Ion Ratio Lower Upper

101 100

85 46.4 37.2 55.8

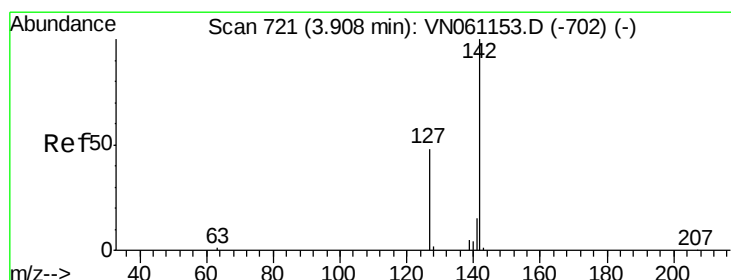
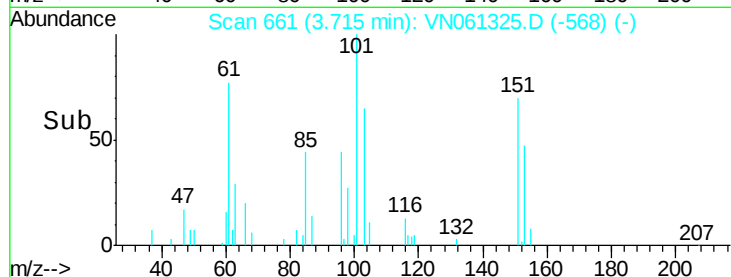
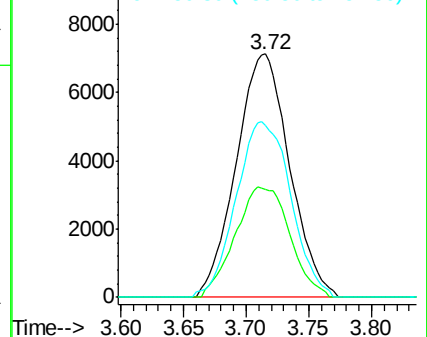
151 73.8 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.075 ug/l

RT: 3.91 min Scan# 721

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

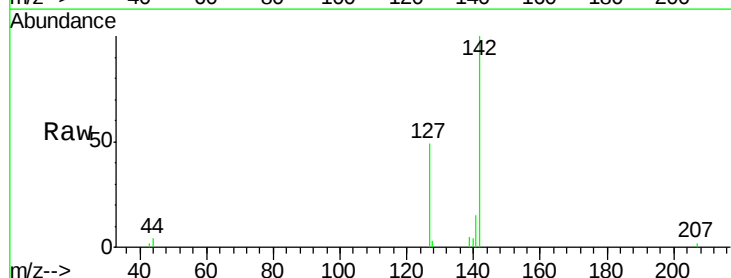
Tgt Ion:142 Resp: 21729

Ion Ratio Lower Upper

142 100

127 48.2 38.0 57.0

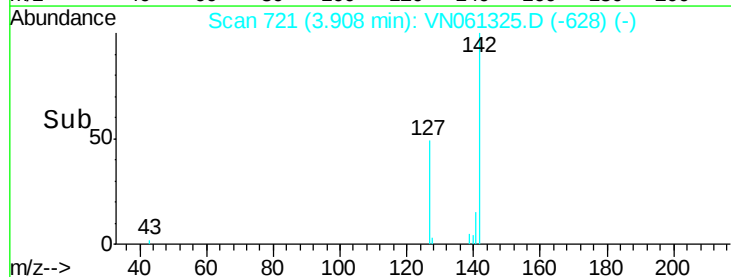
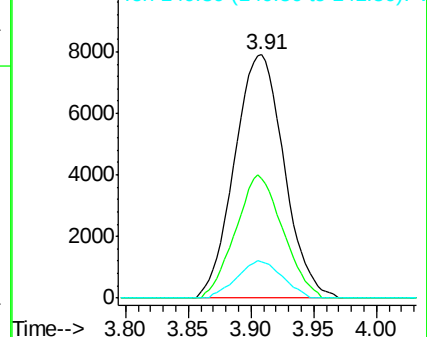
141 14.0 11.7 17.5

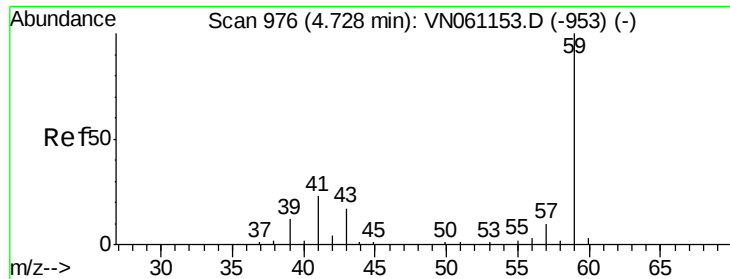


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

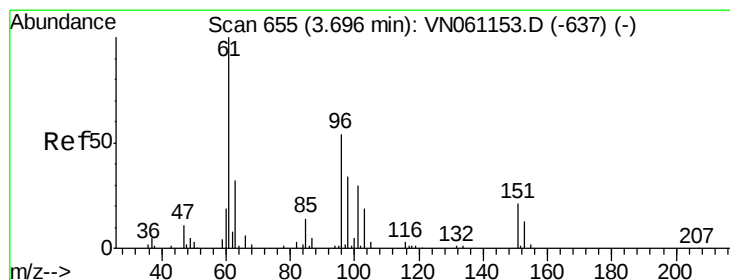
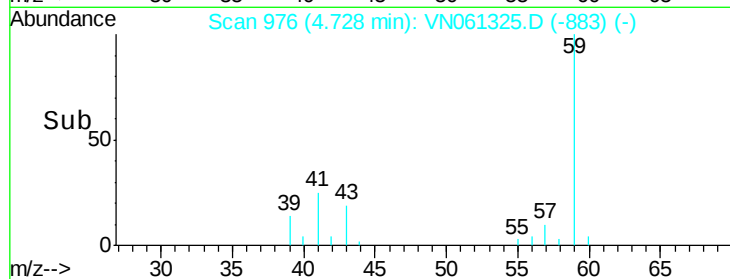
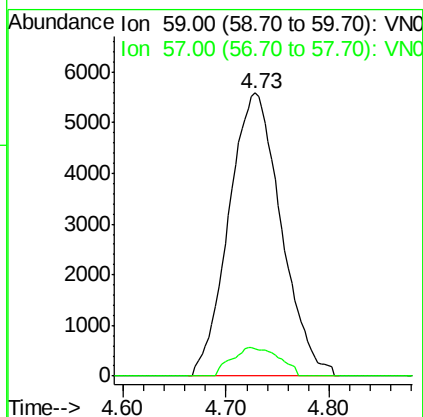
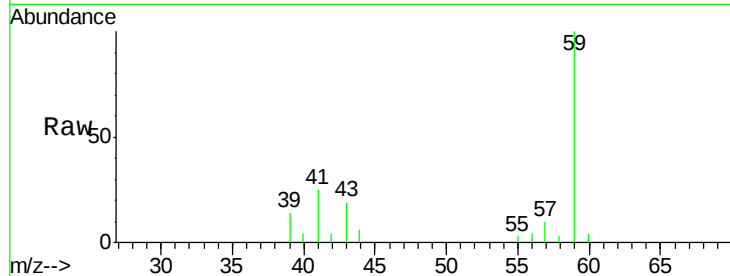




#11
Tert butyl alcohol
Concen: 93.566 ug/l
RT: 4.73 min Scan# 976
Delta R.T. 0.00 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

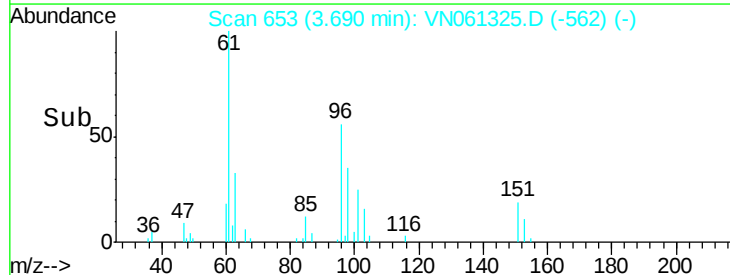
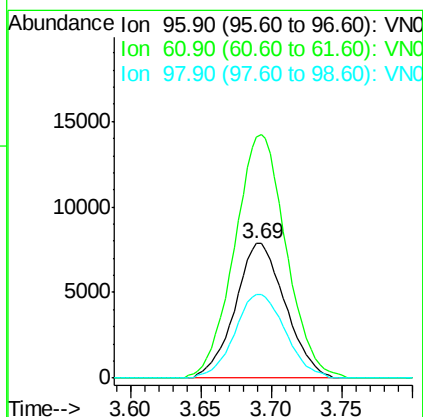
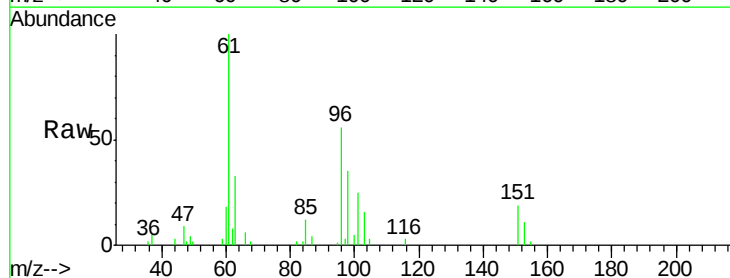
Instrument :
MSVOA_N
ClientSampled :

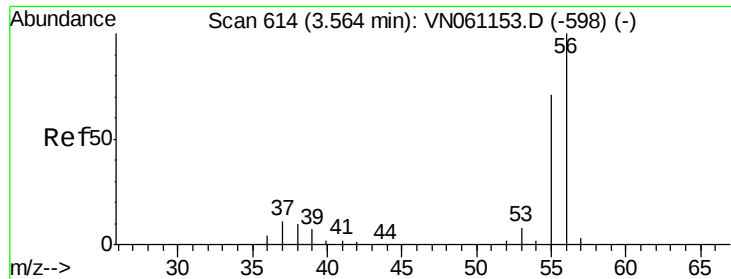
Tot Ion: 59 Resp: 19675
Ion Ratio Lower Upper
59 100
57 9.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 18.722 ug/l
RT: 3.69 min Scan# 653
Delta R.T. -0.01 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

Tgt Ion: 96 Resp: 19596
Ion Ratio Lower Upper
96 100
61 176.8 147.0 220.6
98 61.9 49.8 74.6

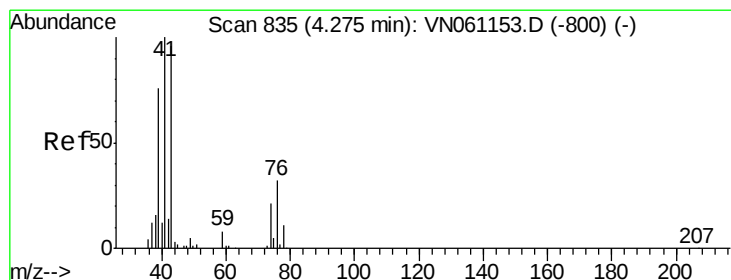
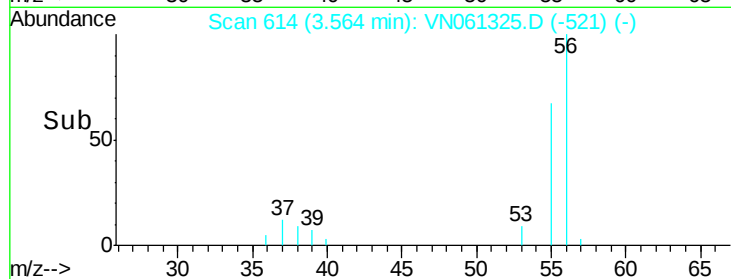
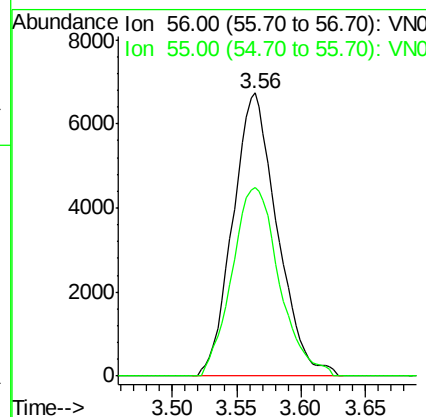
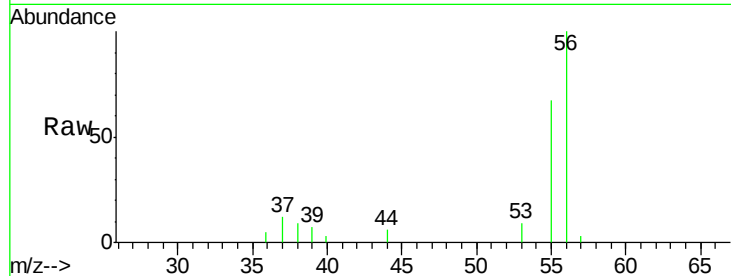




#13
Acrolein
Concen: 114.942 ug/l
RT: 3.56 min Scan# 614
Delta R.T. 0.00 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

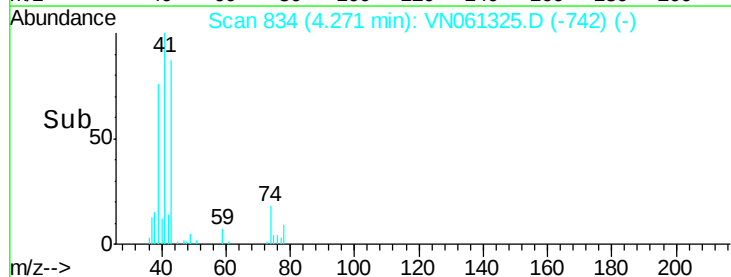
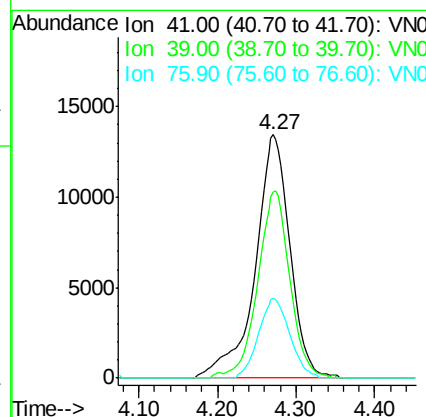
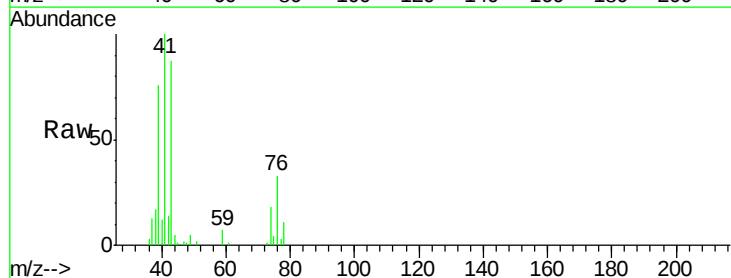
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 16107
Ion Ratio Lower Upper
56 100
55 71.0 58.5 87.7



#14
Allyl chloride
Concen: 21.643 ug/l
RT: 4.27 min Scan# 834
Delta R.T. -0.00 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

Tgt Ion: 41 Resp: 42005
Ion Ratio Lower Upper
41 100
39 71.0 57.1 85.7
76 29.5 24.3 36.5

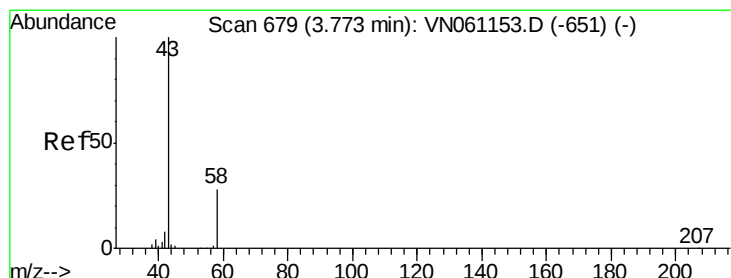
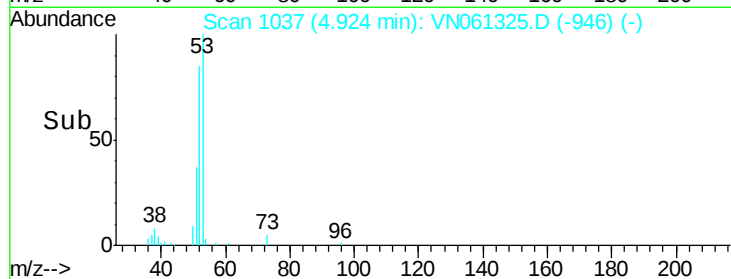
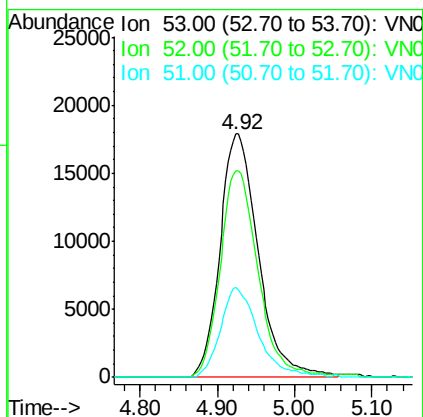
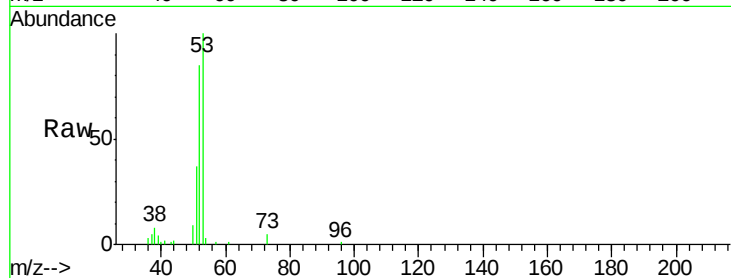




#15
 Acrylonitrile
 Concen: 95.253 ug/l
 RT: 4.92 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: VN061325.D
 Acq: 7 May 2020 11:40

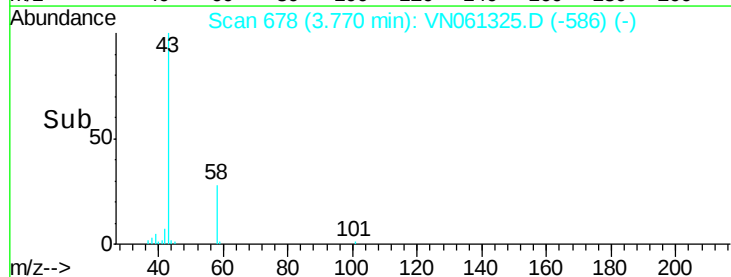
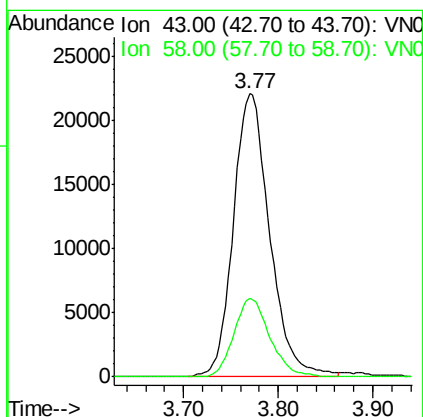
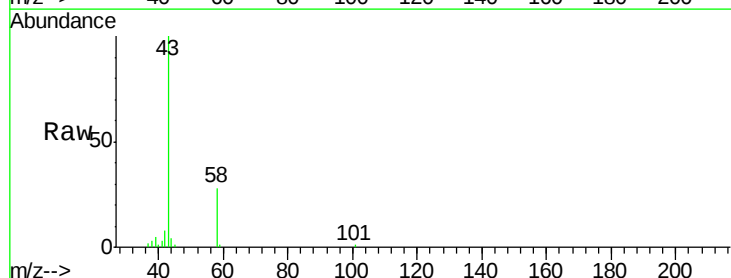
Instrument :
 MSVOA_N
 ClientSampleId :

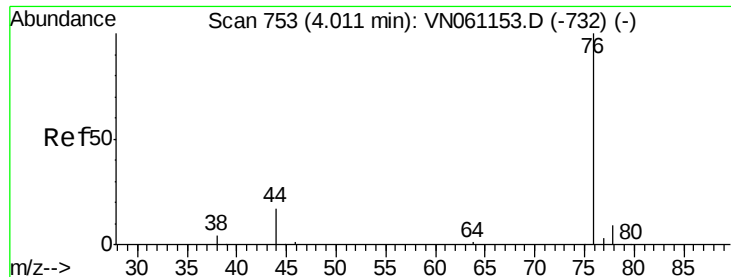
Tot Ion: 53 Resp: 61486
 Ion Ratio Lower Upper
 53 100
 52 83.6 65.4 98.0
 51 36.7 29.5 44.3



#16
 Acetone
 Concen: 93.697 ug/l
 RT: 3.77 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VN061325.D
 Acq: 7 May 2020 11:40

Tgt Ion: 43 Resp: 58980
 Ion Ratio Lower Upper
 43 100
 58 27.6 22.2 33.2

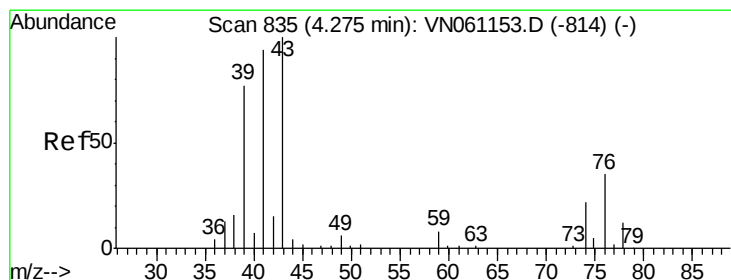
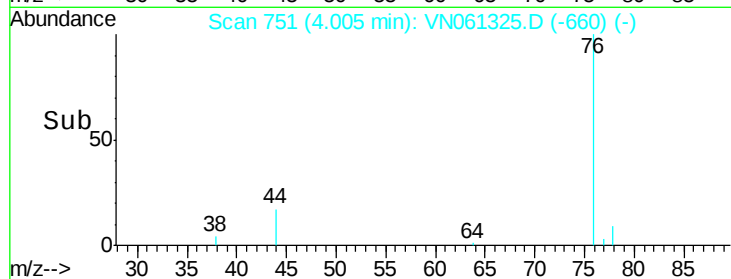
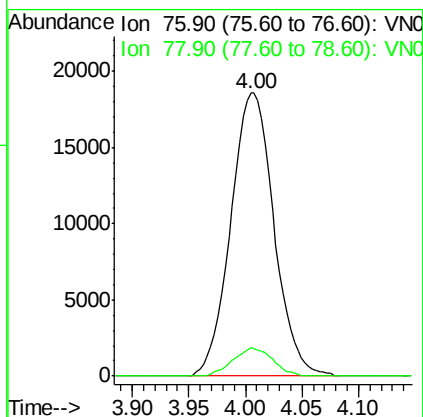
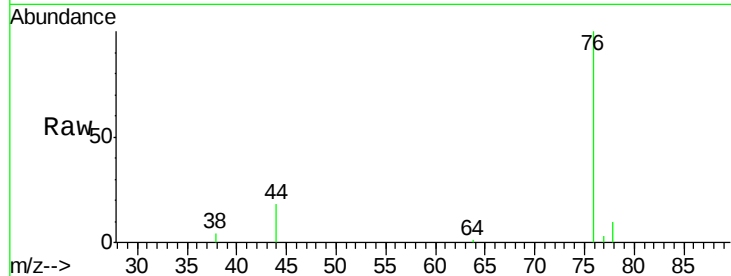




#17
Carbon Disulfide
Concen: 17.058 ug/l
RT: 4.00 min Scan# 751
Delta R.T. -0.01 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

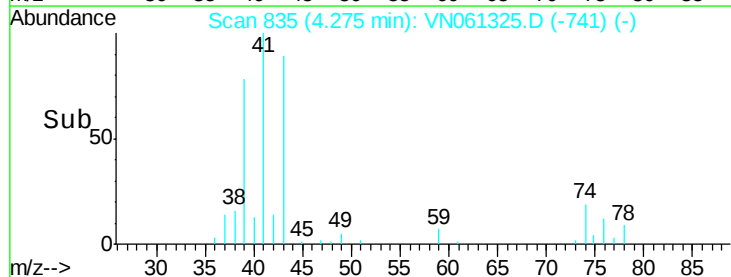
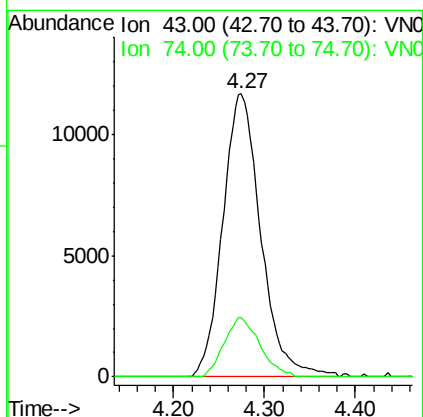
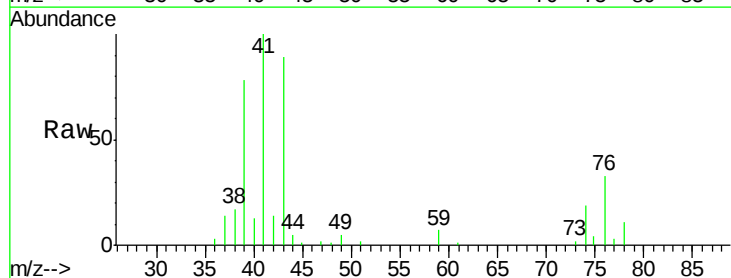
Instrument :
MSVOA_N
ClientSampled :

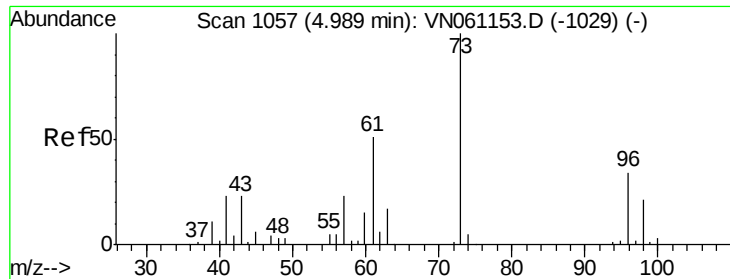
Tot Ion: 76 Resp: 49320
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8



#18
Methyl Acetate
Concen: 17.555 ug/l
RT: 4.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

Tgt Ion: 43 Resp: 33901
Ion Ratio Lower Upper
43 100
74 19.7 17.0 25.4

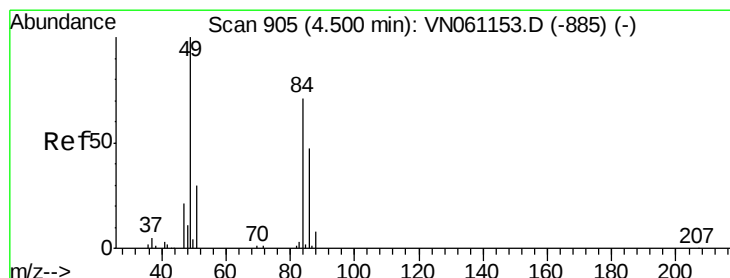
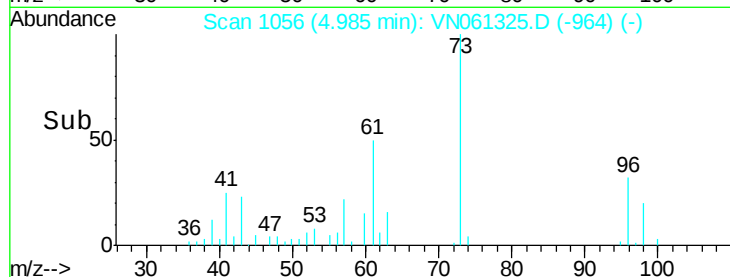
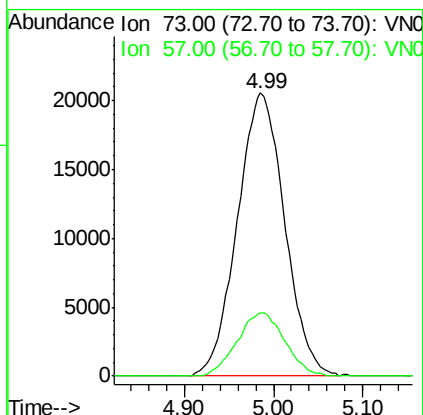
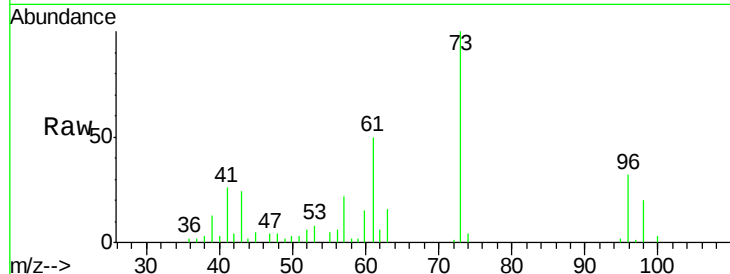




#19
Methyl tert-butyl Ether
Concen: 18.895 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

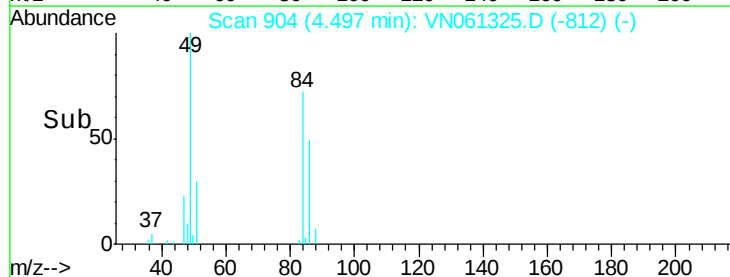
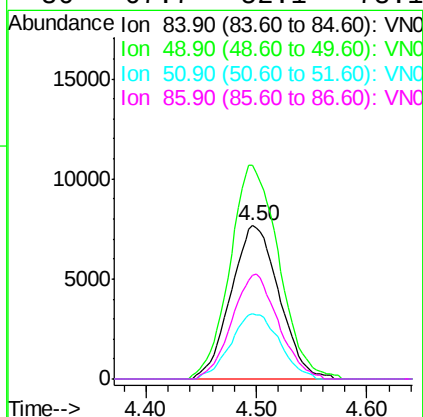
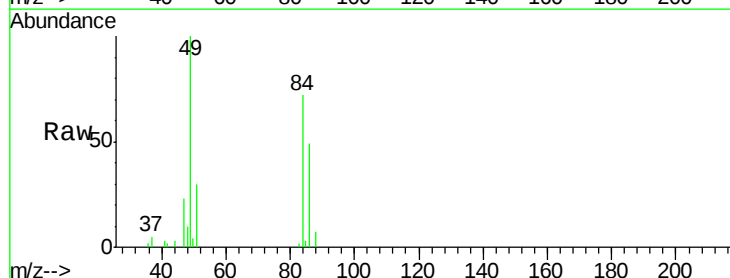
Instrument :
MSVOA_N
ClientSampled :

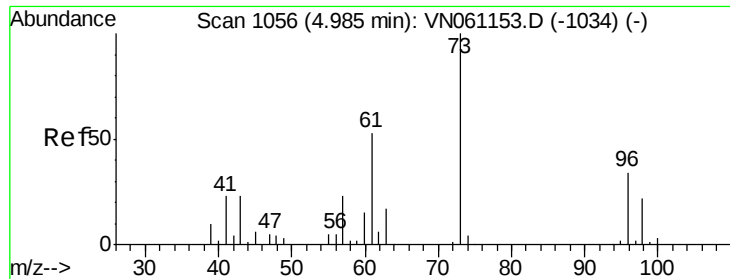
Tot Ion: 73 Resp: 75573
Ion Ratio Lower Upper
73 100
57 22.3 18.3 27.5



#20
Methylene Chloride
Concen: 18.987 ug/l
RT: 4.50 min Scan# 904
Delta R.T. -0.00 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

Tgt Ion: 84 Resp: 23240
Ion Ratio Lower Upper
84 100
49 139.2 112.0 168.0
51 42.2 33.6 50.4
86 67.7 52.1 78.1

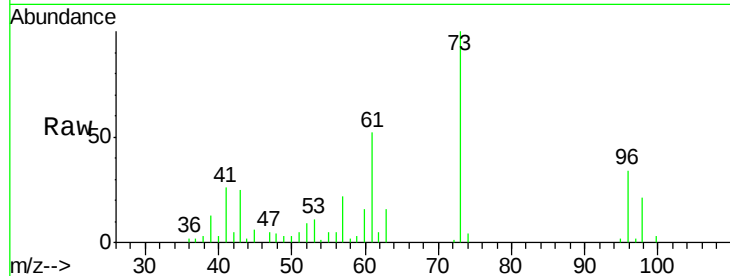




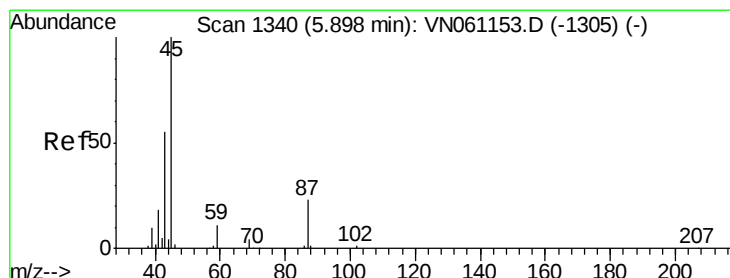
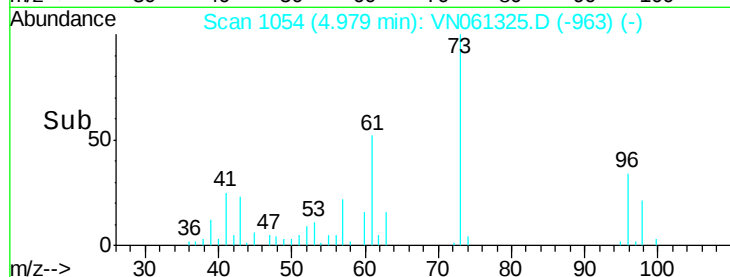
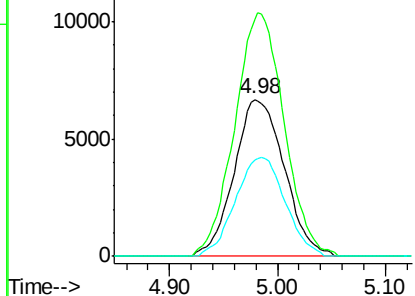
#21
trans-1,2-Dichloroethene
Concen: 18.955 ug/l
RT: 4.98 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 21604
Ion Ratio Lower Upper
96 100
61 151.1 123.0 184.4
98 61.6 50.1 75.1

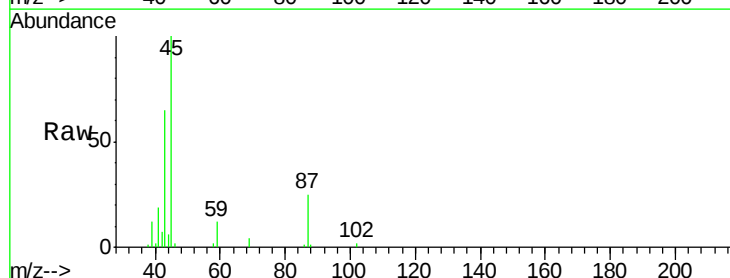


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

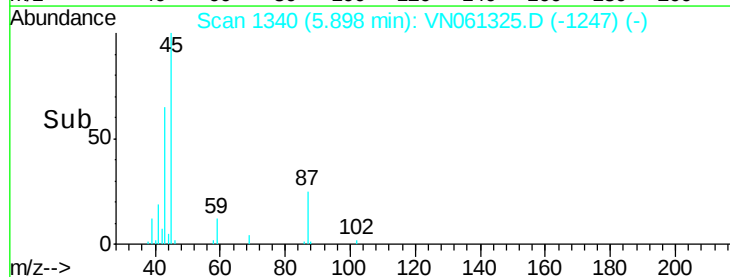
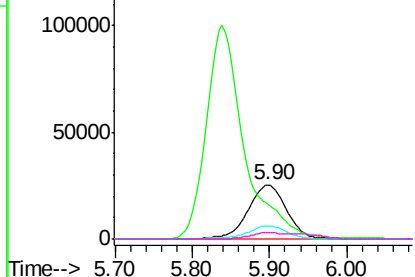


#22
Diisopropyl ether
Concen: 19.442 ug/l
RT: 5.90 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

Tgt Ion: 45 Resp: 87499
Ion Ratio Lower Upper
45 100
43 62.7 47.9 71.9
87 24.6 19.2 28.8
59 11.9 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

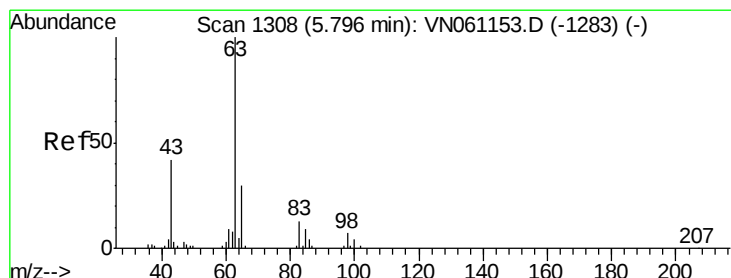
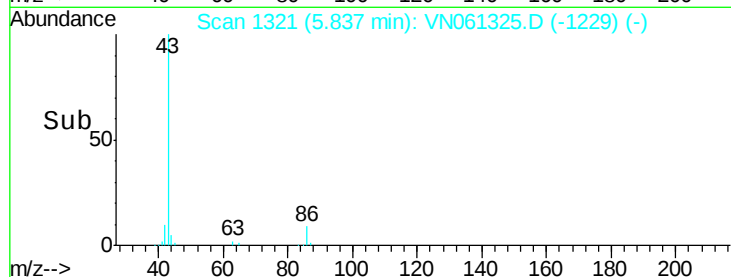
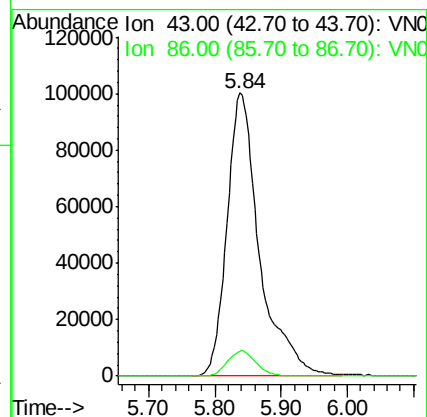
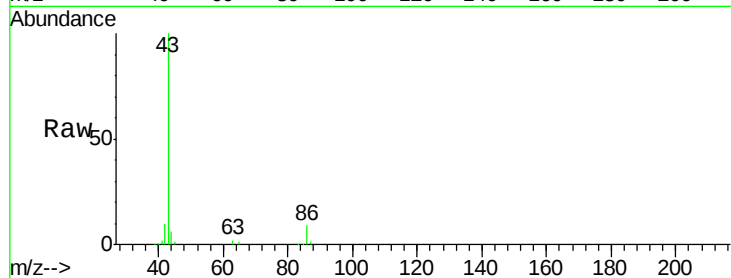




#23
 Vinyl Acetate
 Concen: 94.434 ug/l
 RT: 5.84 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VN061325.D
 Acq: 7 May 2020 11:40

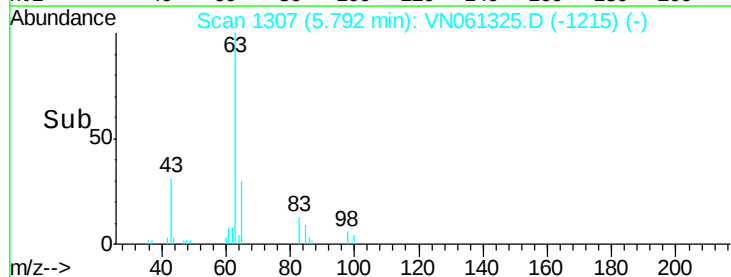
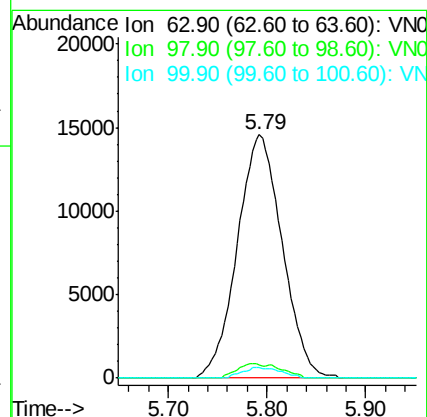
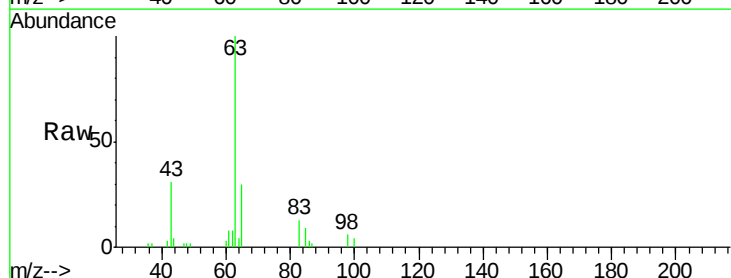
Instrument :
 MSVOA_N
 ClientSampleId :

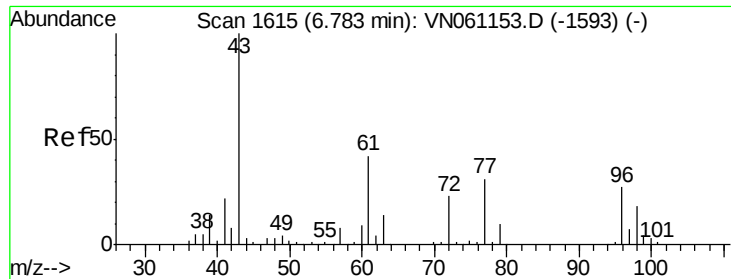
Tot Ion: 43 Resp: 342201
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 19.530 ug/l
 RT: 5.79 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: VN061325.D
 Acq: 7 May 2020 11:40

Tgt Ion: 63 Resp: 45923
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.3 9.9
 100 4.3 1.9 5.7

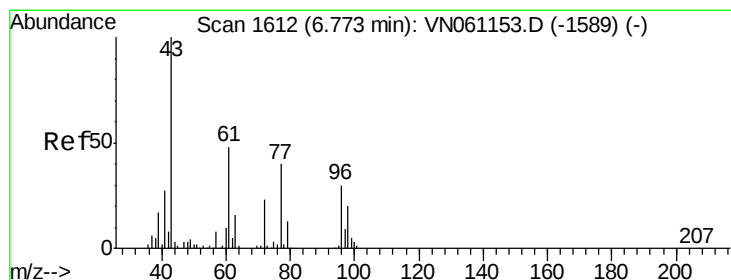
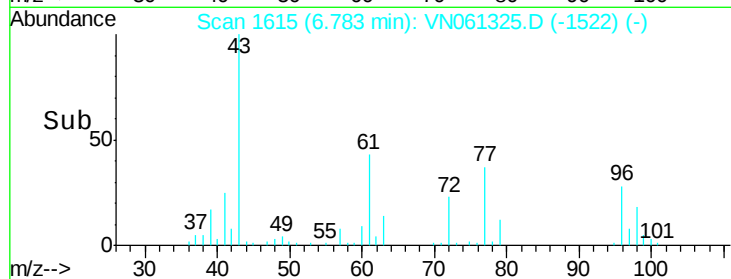
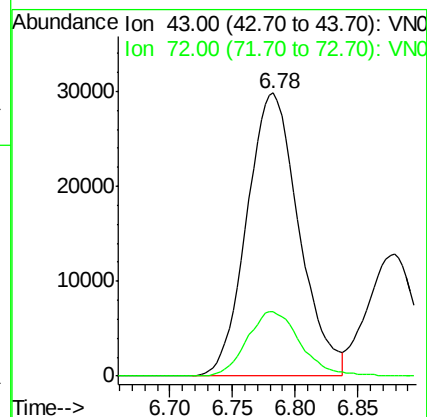
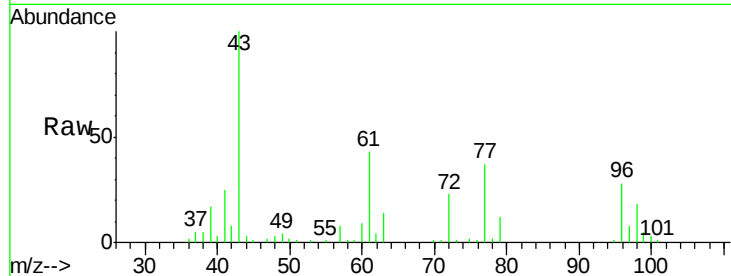




#25
2-Butanone
Concen: 92.900 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

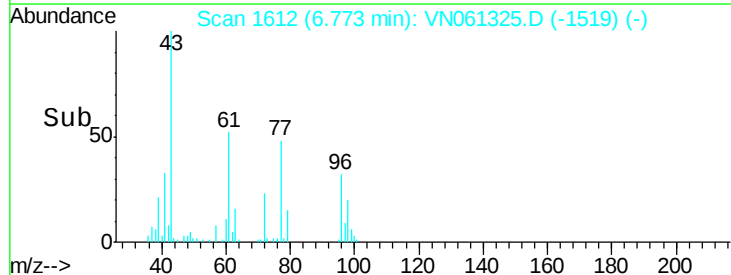
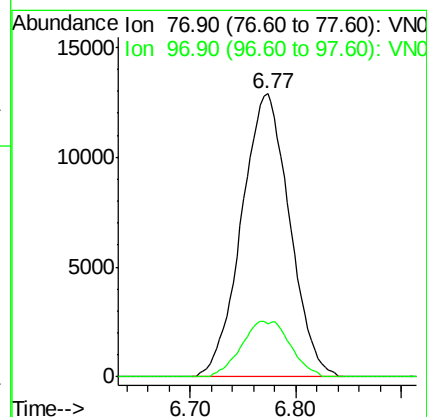
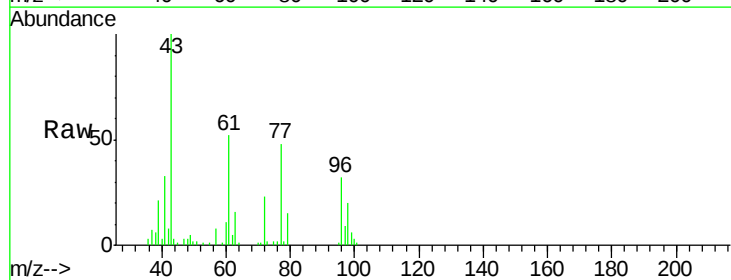
Instrument :
MSVOA_N
ClientSampleId :

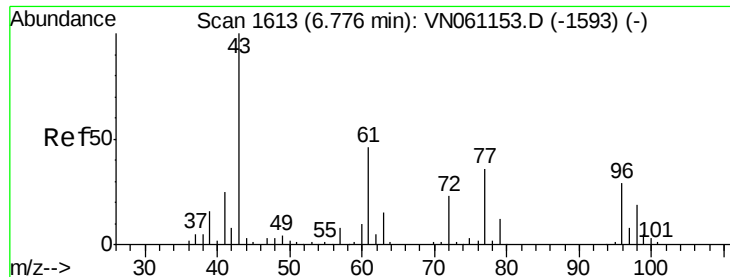
Tot Ion: 43 Resp: 86292
Ion Ratio Lower Upper
43 100
72 22.6 18.2 27.4



#26
2,2-Dichloropropane
Concen: 20.595 ug/l
RT: 6.77 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

Tgt Ion: 77 Resp: 40790
Ion Ratio Lower Upper
77 100
97 20.0 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 18.947 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

Instrument :
MSVOA_N
ClientSampled :

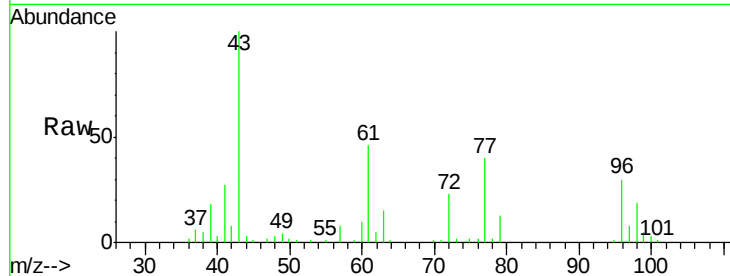
Tot Ion: 96 Resp: 25342

Ion Ratio Lower Upper

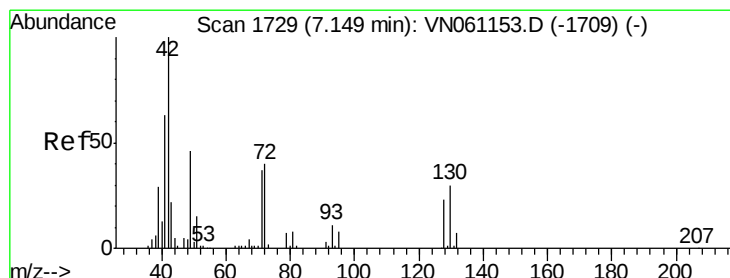
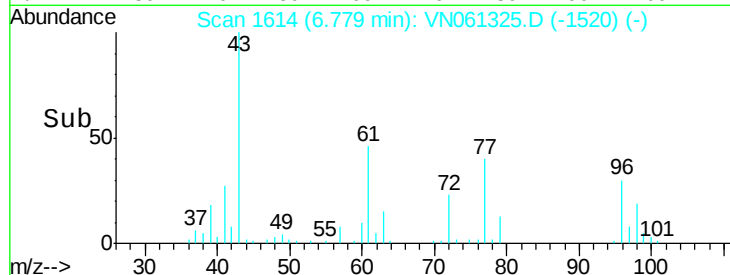
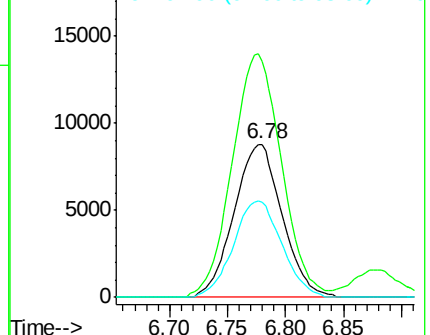
96 100

61 162.9 0.0 322.0

98 63.3 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.946 ug/l

RT: 7.15 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

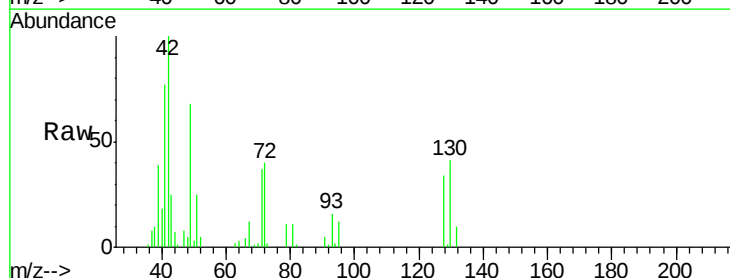
Tgt Ion: 49 Resp: 23345

Ion Ratio Lower Upper

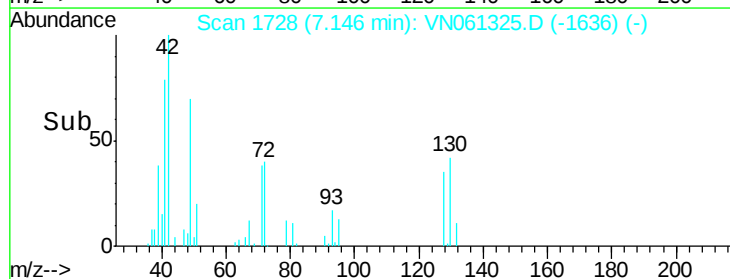
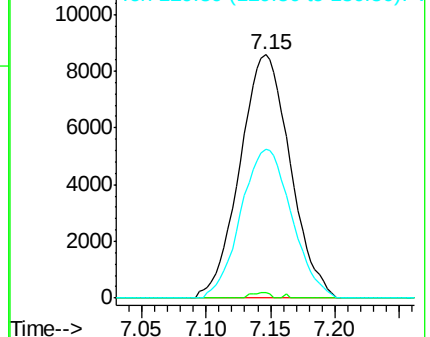
49 100

129 0.8 0.0 3.0

130 61.7 51.4 77.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

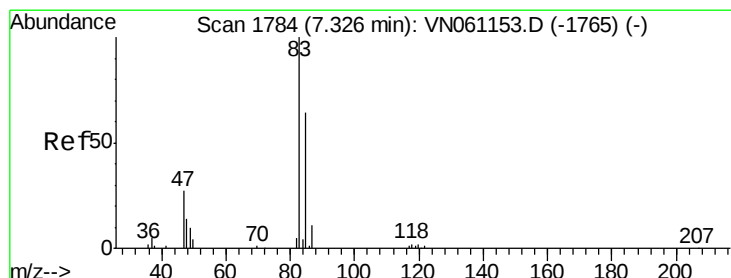
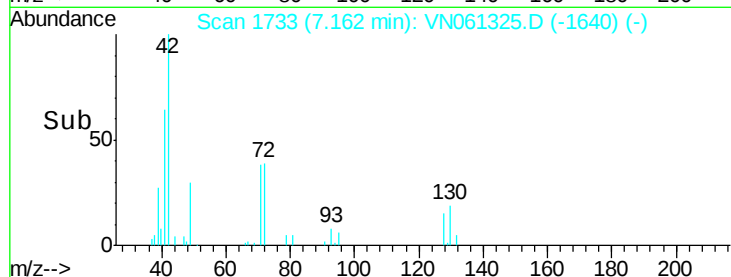
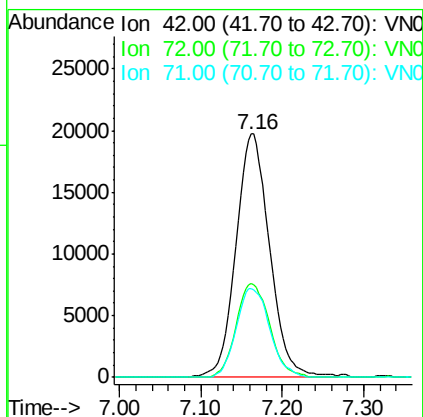
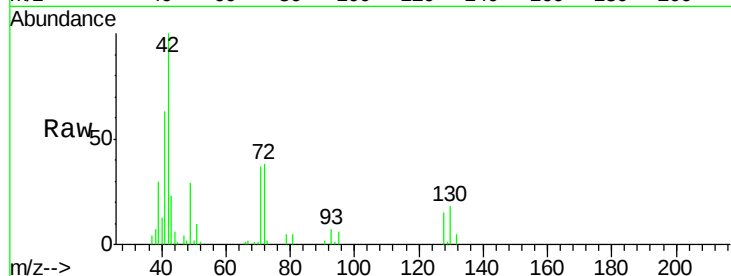




#29
Tetrahydrofuran
Concen: 90.151 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

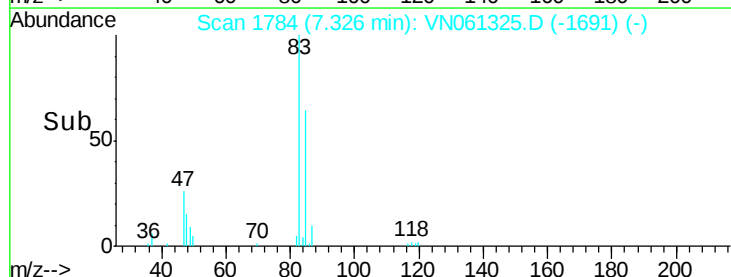
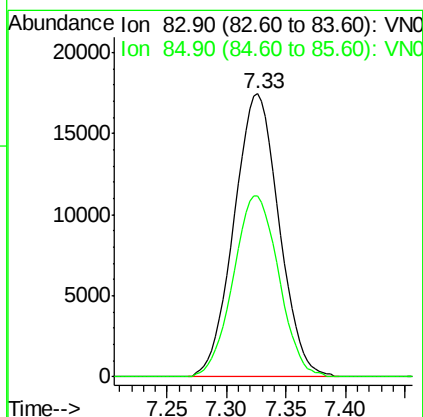
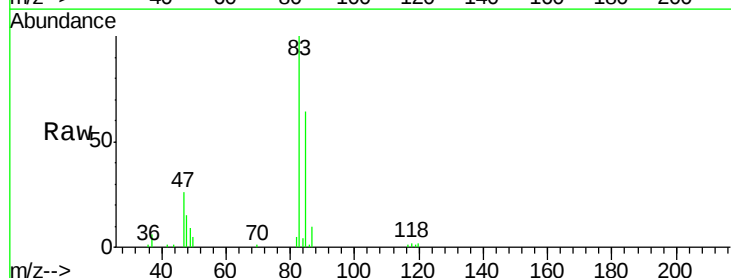
Instrument :
MSVOA_N
ClientSampled :

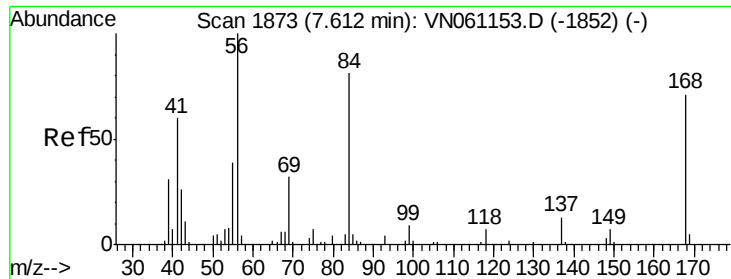
Tot Ion: 42 Resp: 56408
Ion Ratio Lower Upper
42 100
72 38.2 31.4 47.0
71 36.1 29.5 44.3



#30
Chloroform
Concen: 19.223 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

Tgt Ion: 83 Resp: 45807
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7

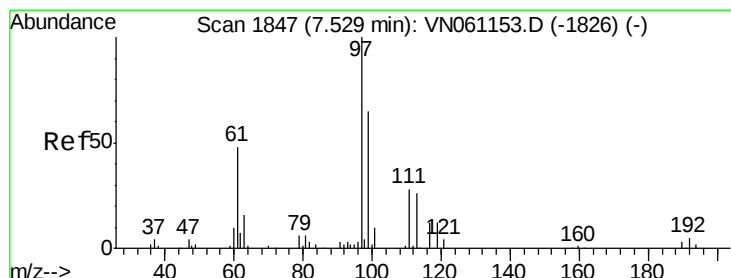
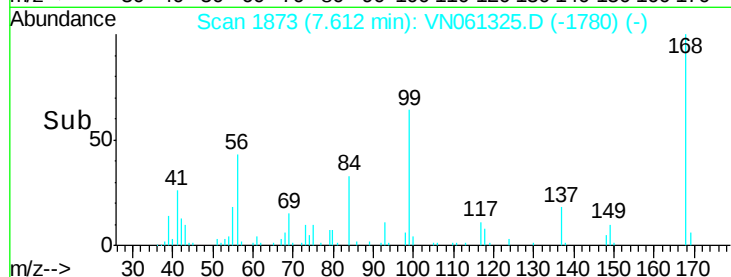
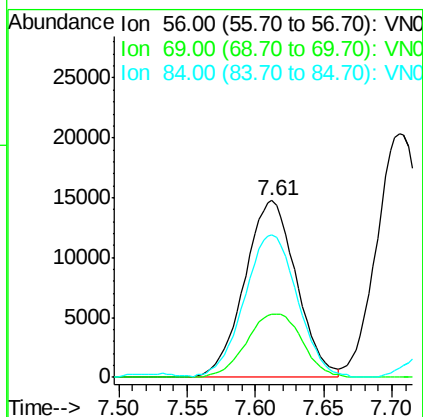
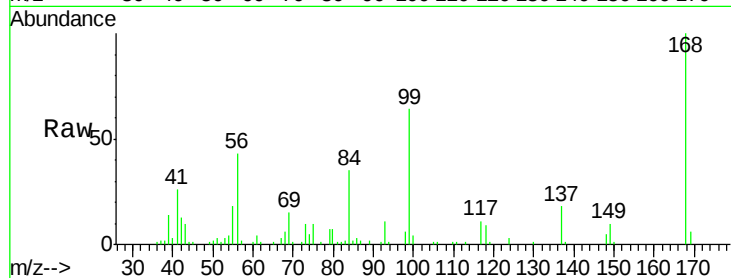




#31
Cyclohexane
Concen: 17.077 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

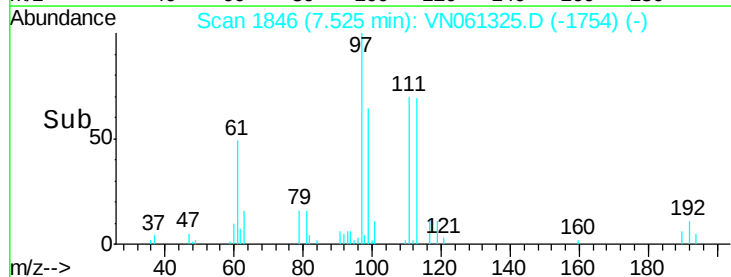
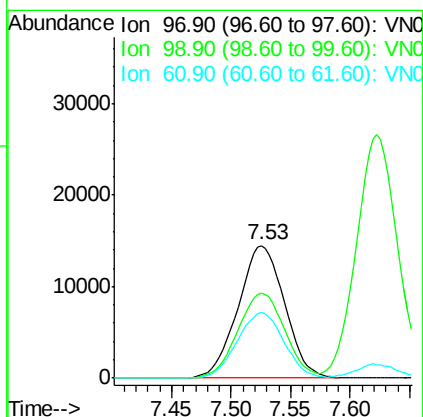
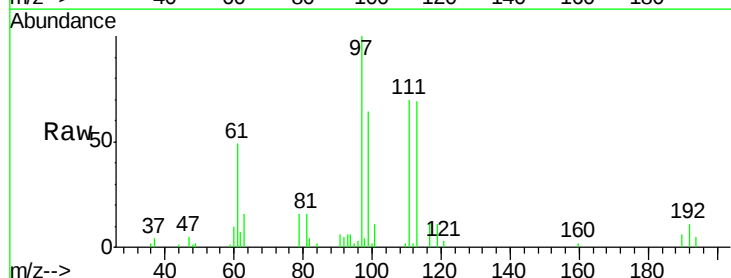
Instrument :
MSVOA_N
ClientSampleId :

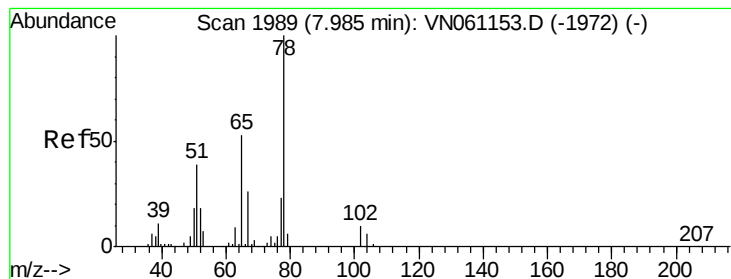
Tot Ion: 56 Resp: 38996
Ion Ratio Lower Upper
56 100
69 35.7 25.7 38.5
84 79.7 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 18.872 ug/l
RT: 7.53 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

Tgt Ion: 97 Resp: 39160
Ion Ratio Lower Upper
97 100
99 64.9 51.3 76.9
61 49.4 38.6 57.8





#33

1,2-Dichloroethane-d4

Concen: 52.477 ug/l

RT: 7.99 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

Instrument :

MSVOA_N

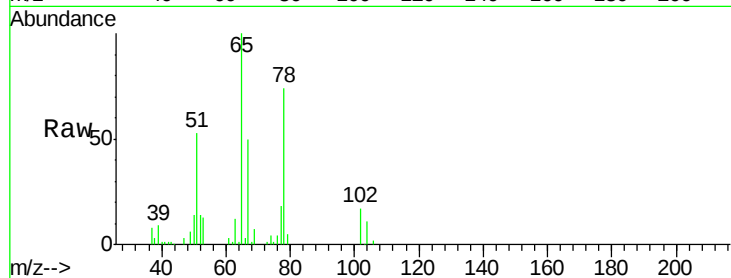
ClientSampled :

Tot Ion: 65 Resp: 82376

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.6

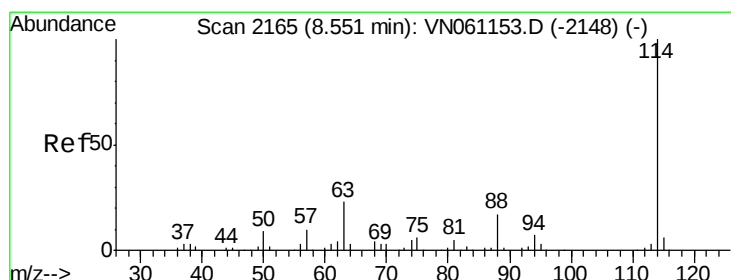
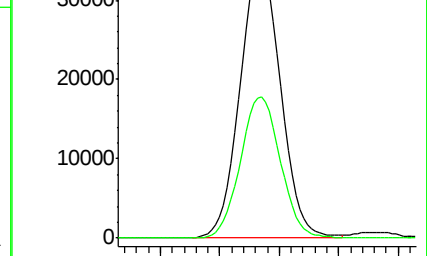
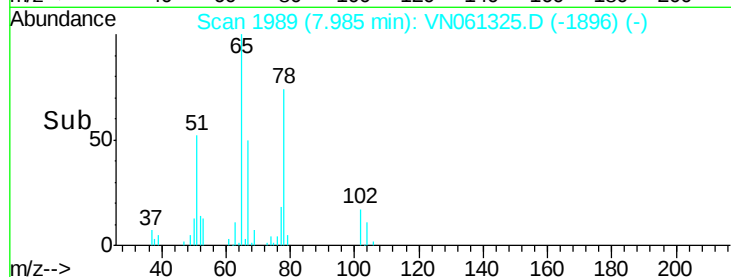


Abundance Ion 64.90 (64.60 to 65.60): VN061153.D (-1972) (-)

Ion 66.90 (66.60 to 67.60): VN061153.D (-1972) (-)

7.99

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2164

Delta R.T. -0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

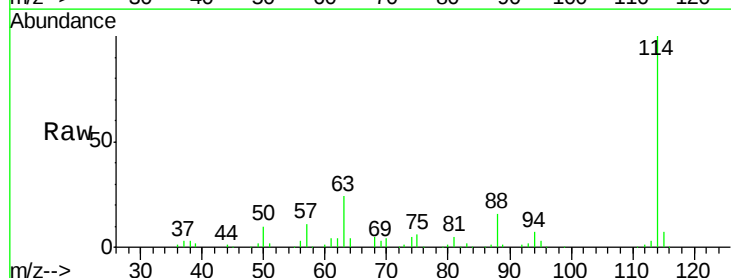
Tgt Ion: 114 Resp: 168810

Ion Ratio Lower Upper

114 100

63 24.1 0.0 46.6

88 16.4 0.0 33.4



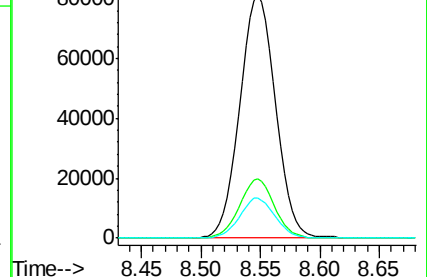
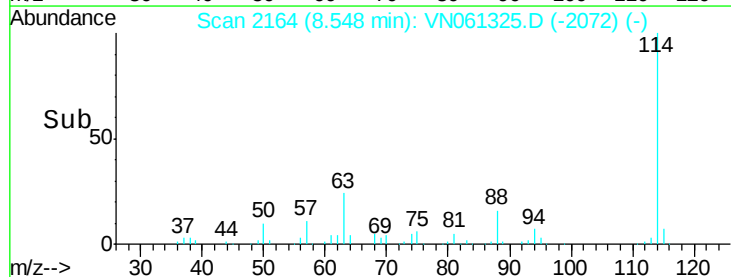
Abundance Ion 113.90 (113.60 to 114.60): VN061153.D (-2148) (-)

Ion 63.00 (62.70 to 63.70): VN061153.D (-2148) (-)

Ion 87.90 (87.60 to 88.60): VN061153.D (-2148) (-)

8.55

Time-->

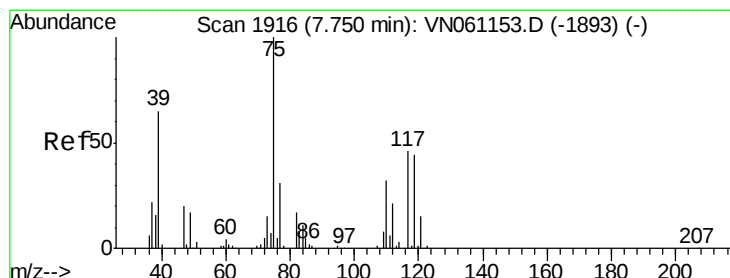
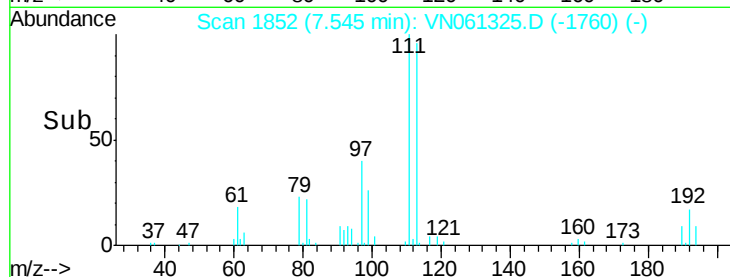
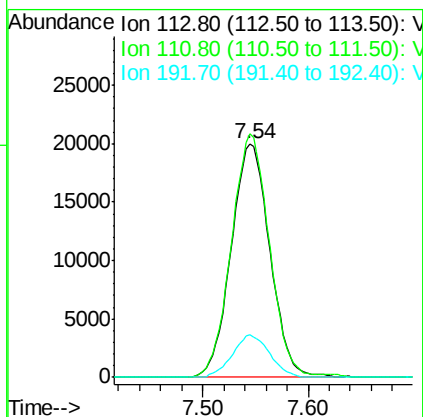
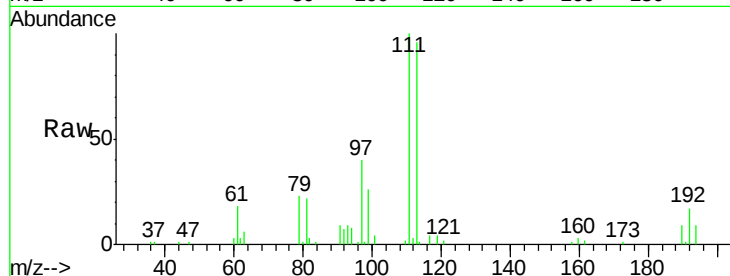




#35
 Dibromofluoromethane
 Concen: 51.039 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061325.D
 Acq: 7 May 2020 11:40

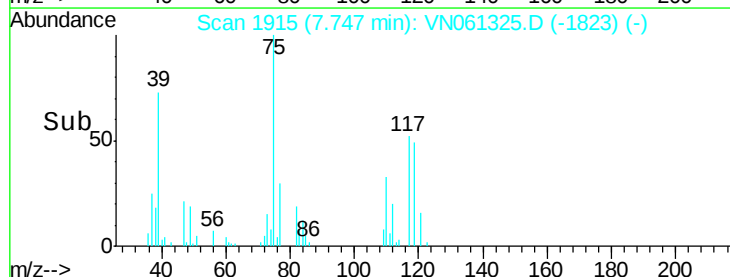
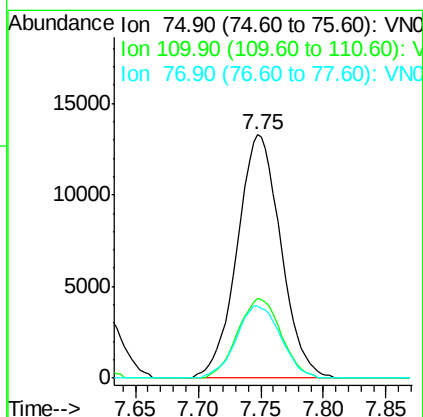
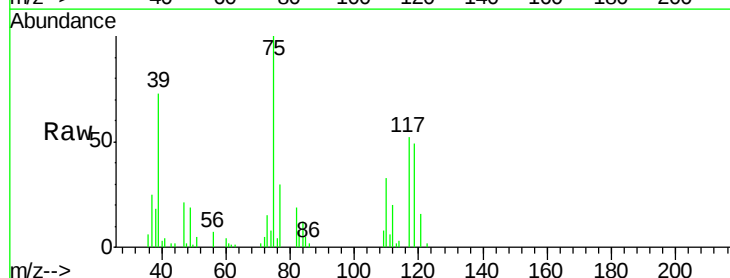
Instrument :
 MSVOA_N
 ClientSampleId :

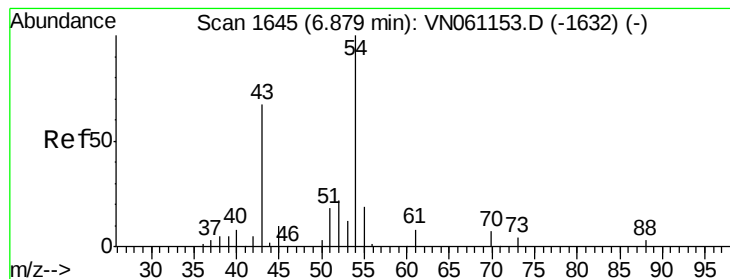
Tot Ion:113 Resp: 50948
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.9 124.3
 192 17.5 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 19.025 ug/l
 RT: 7.75 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VN061325.D
 Acq: 7 May 2020 11:40

Tgt Ion: 75 Resp: 32150
 Ion Ratio Lower Upper
 75 100
 110 32.7 16.0 48.0
 77 30.4 24.6 37.0





#37

Ethyl Acetate

Concen: 18.489 ug/l

RT: 6.88 min Scan# 1645

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

Instrument :
MSVOA_N
ClientSampled :

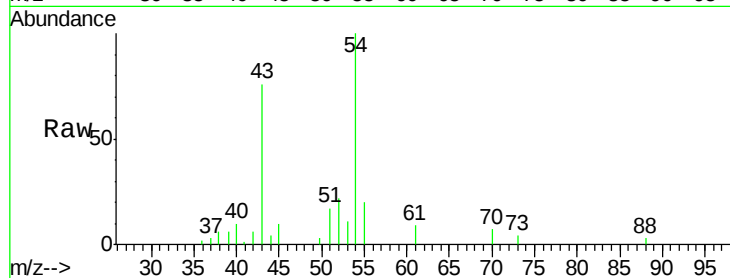
Tot Ion: 43 Resp: 36629

Ion Ratio Lower Upper

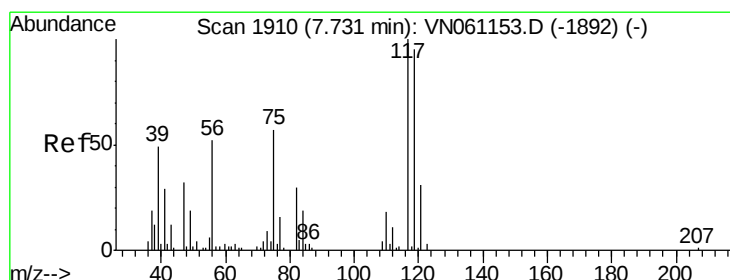
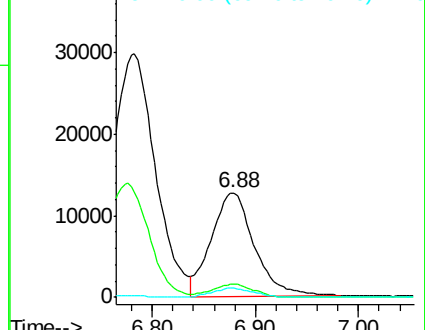
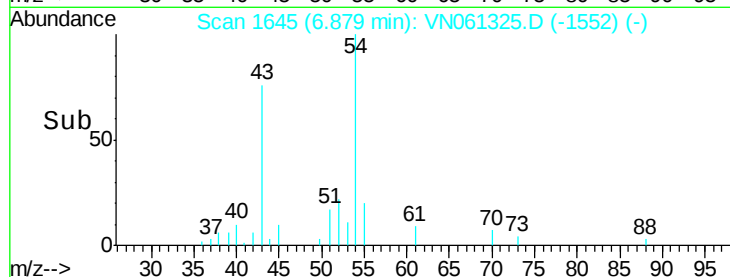
43 100

61 12.3 10.2 15.2

70 8.4 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN061325.D (-1552) (-)



#38

Carbon Tetrachloride

Concen: 19.930 ug/l

RT: 7.73 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

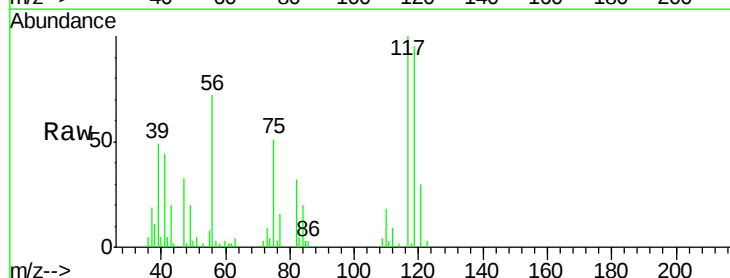
Tgt Ion: 117 Resp: 28507

Ion Ratio Lower Upper

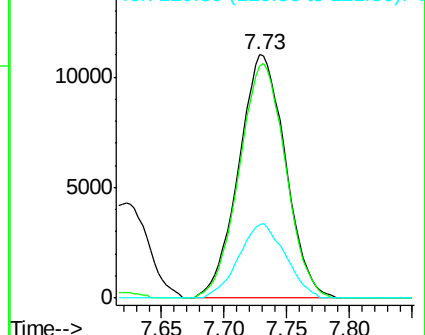
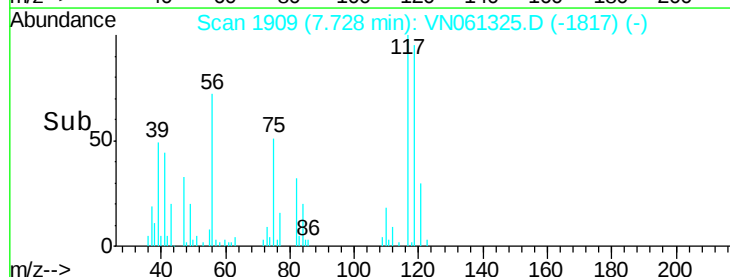
117 100

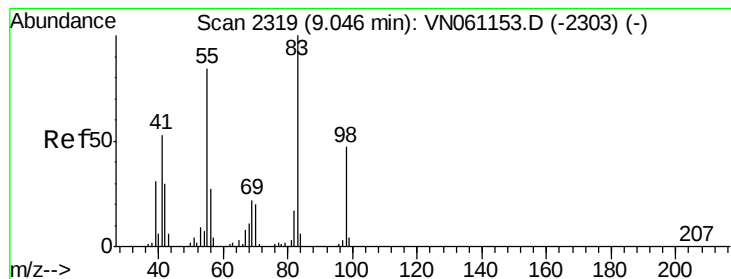
119 95.4 75.8 113.6

121 30.2 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): VN061325.D (-1817) (-)





#39

Methvlcvclohexane

Concen: 16.330 ug/l

RT: 9.05 min Scan# 2319

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

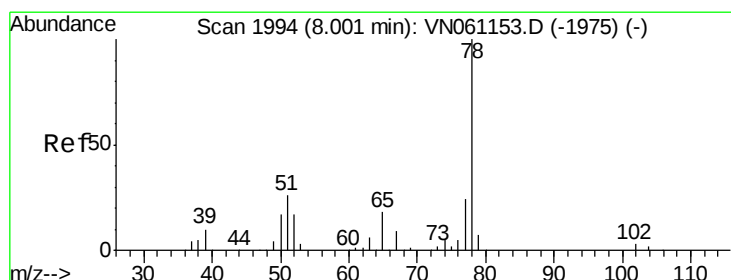
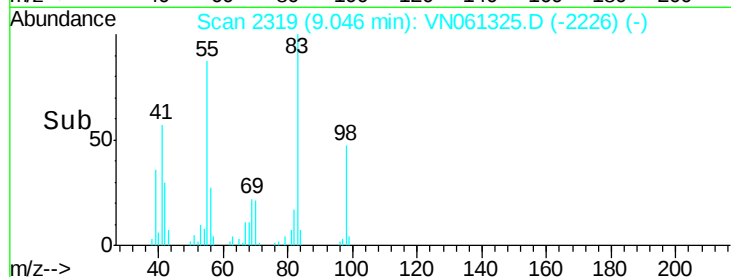
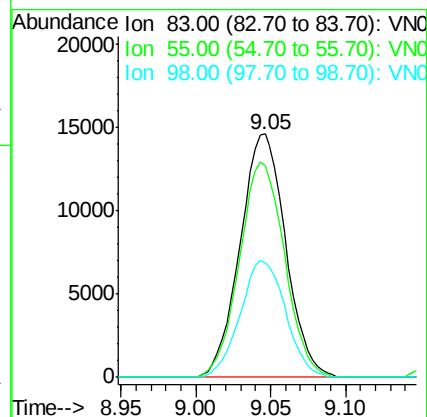
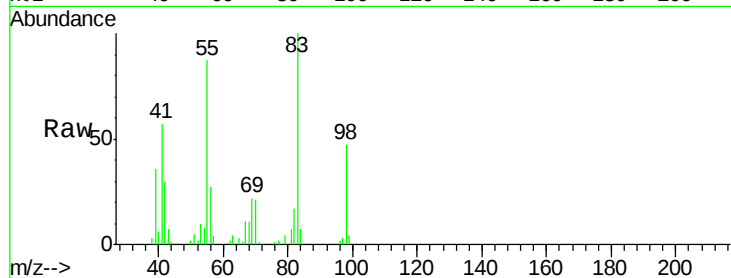
Tot Ion: 83 Resp: 30948

Ion Ratio Lower Upper

83 100

55 87.0 67.3 100.9

98 47.2 37.7 56.5



#40

Benzene

Concen: 18.914 ug/l

RT: 8.00 min Scan# 1993

Delta R.T. -0.00 min

Lab File: VN061325.D

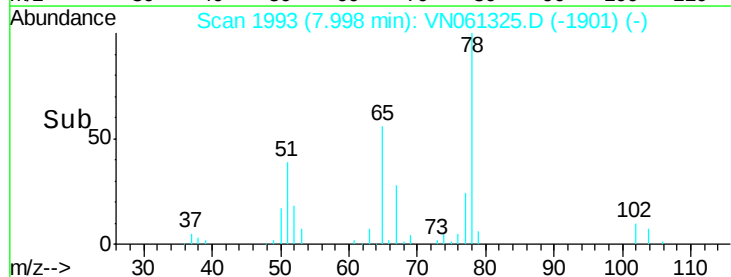
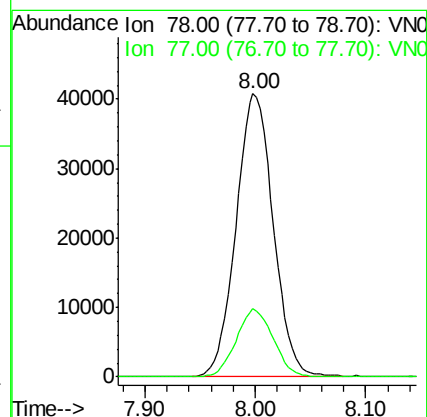
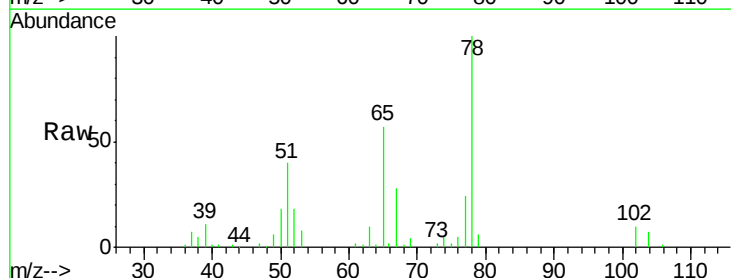
Acq: 7 May 2020 11:40

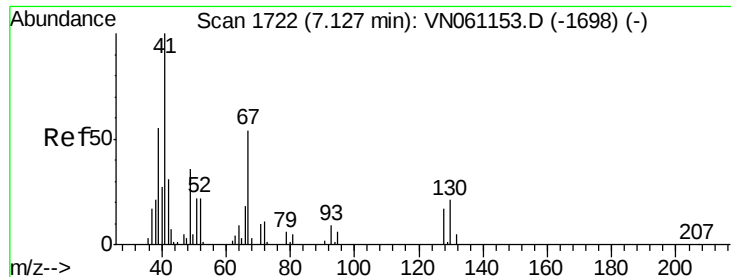
Tgt Ion: 78 Resp: 95224

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6

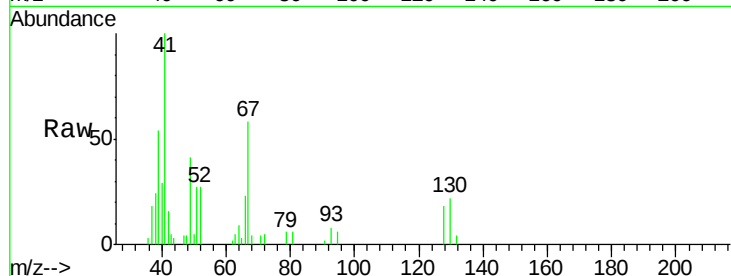




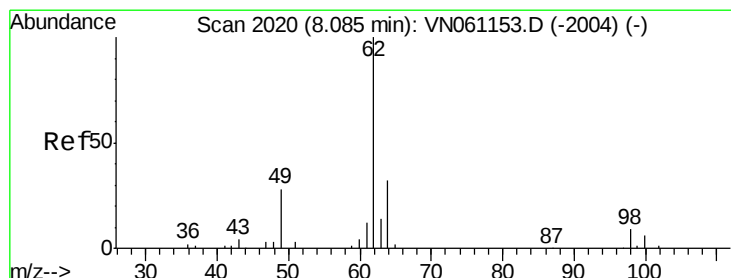
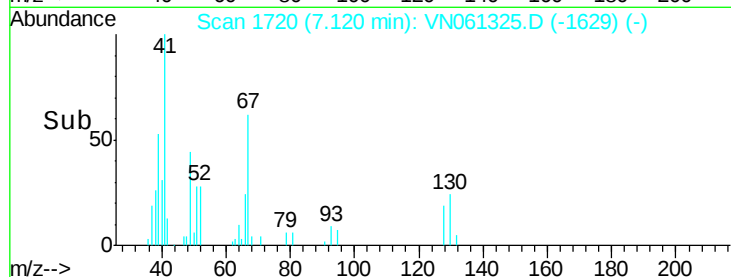
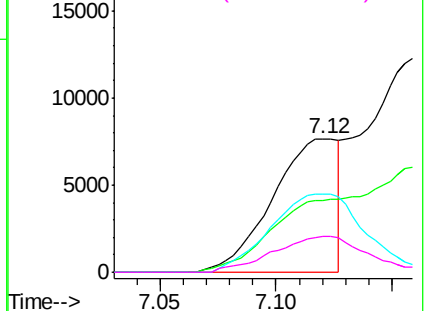
#41
Methacrylonitrile
Concen: 18.234 ug/l
RT: 7.12 min Scan# 1720
Delta R.T. -0.01 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	14998
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	85.0	0.0	0.0#
52	38.5	0.0	0.0#

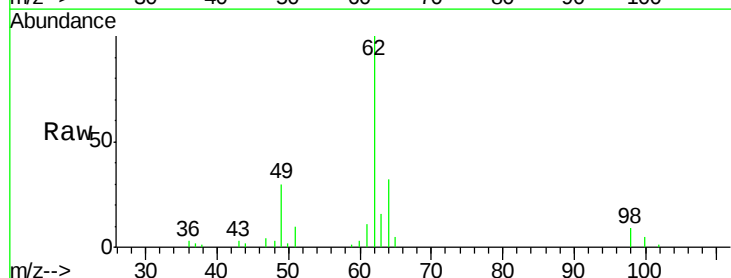


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

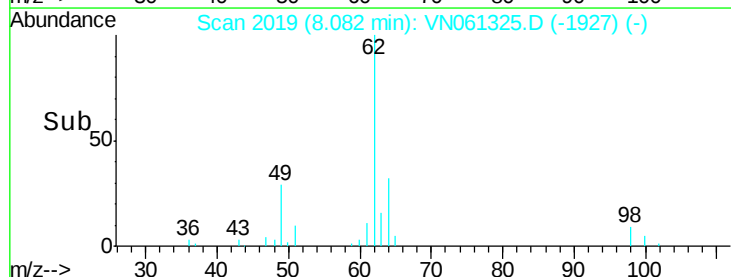
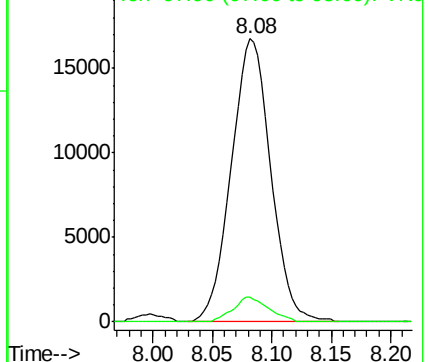


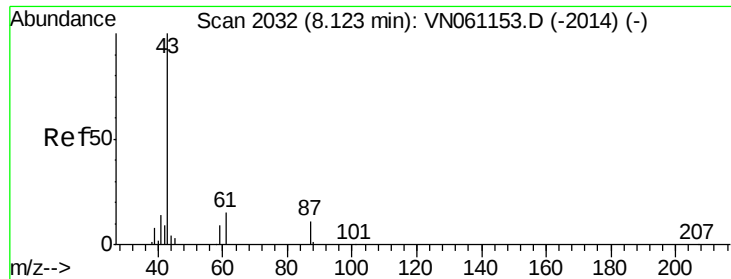
#42
1,2-Dichloroethane
Concen: 20.236 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

Tgt Ion:	62	Resp:	38595
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.8



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 18.687 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

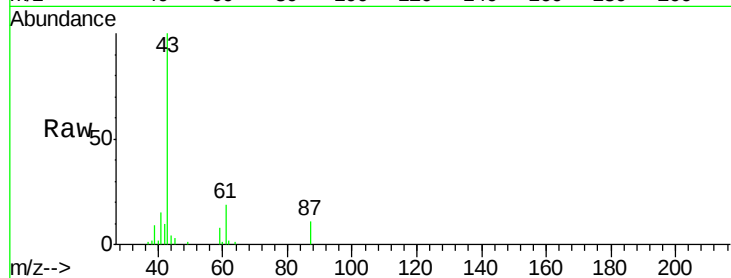
Tot Ion: 43 Resp: 61441

Ion Ratio Lower Upper

43 100

61 18.5 19.5 29.3#

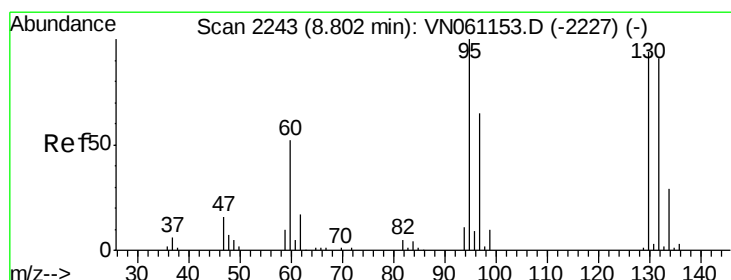
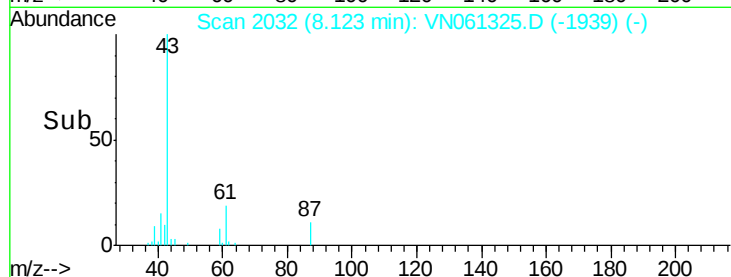
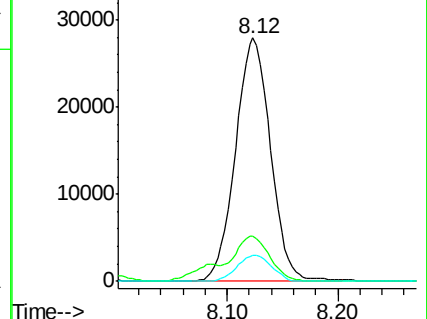
87 10.5 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)



#44

Trichloroethene

Concen: 18.015 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061325.D

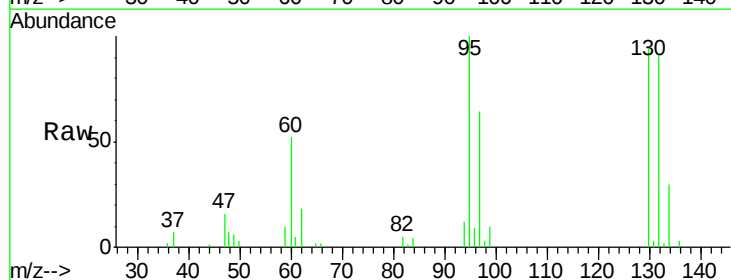
Acq: 7 May 2020 11:40

Tgt Ion: 130 Resp: 24518

Ion Ratio Lower Upper

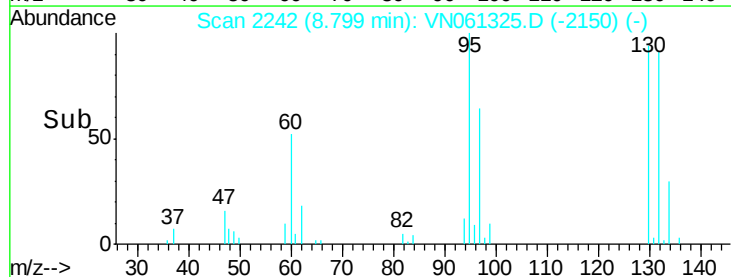
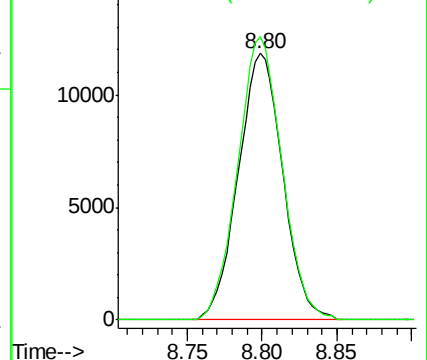
130 100

95 106.1 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)

Ion 94.90 (94.60 to 95.60): VN061153.D (-2227) (-)





#45

1,2-Dichloropropane

Concen: 19.269 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

Instrument :

MSVOA_N

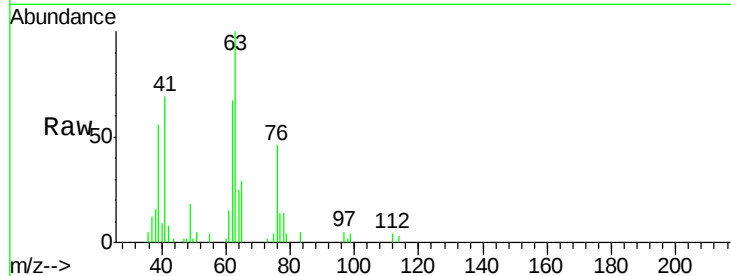
ClientSampleId :

Tot Ion: 63 Resp: 25917

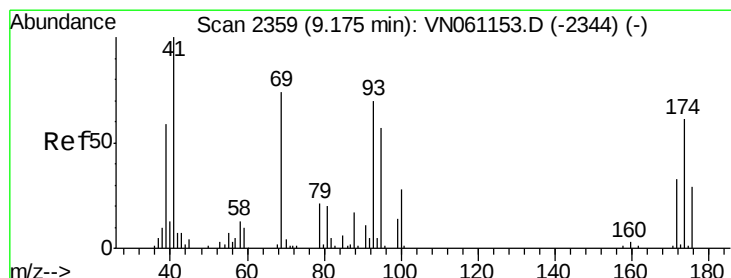
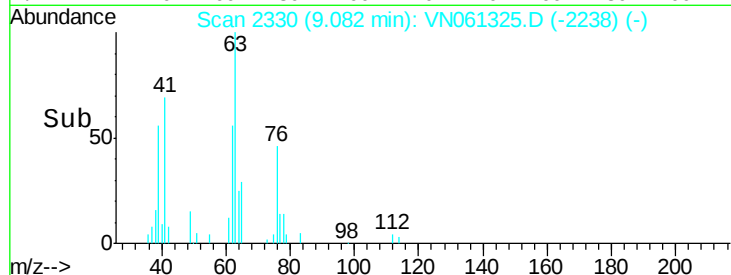
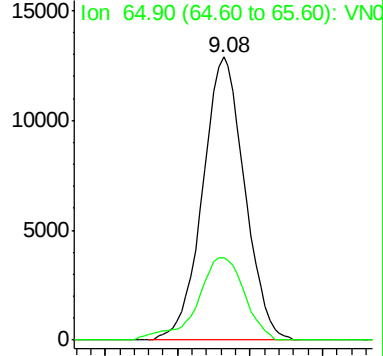
Ion Ratio Lower Upper

63 100

65 29.2 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN061325.D (-2238) (-)



#46

Dibromomethane

Concen: 19.705 ug/l

RT: 9.17 min Scan# 2358

Delta R.T. -0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

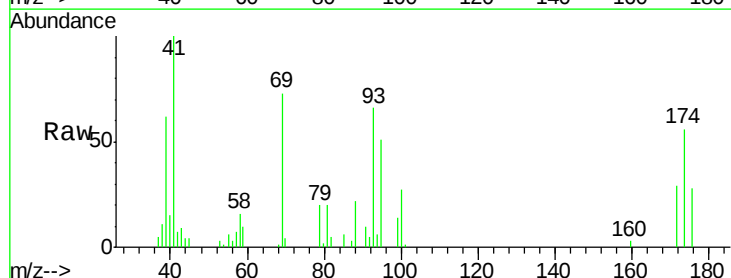
Tgt Ion: 93 Resp: 16410

Ion Ratio Lower Upper

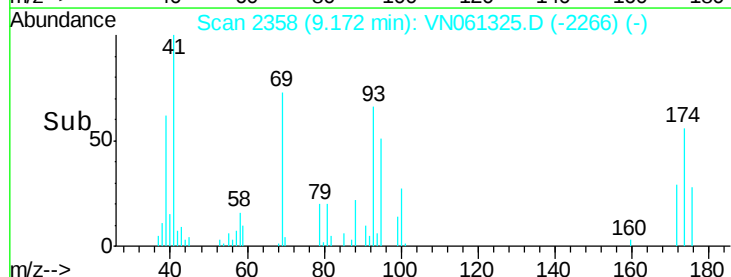
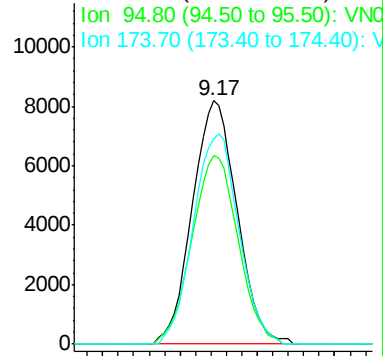
93 100

95 79.9 66.6 99.8

174 88.0 70.2 105.2



Abundance Ion 92.80 (92.50 to 93.50): VN061325.D (-2266) (-)





#47

Bromodichloromethane

Concen: 19.721 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

Instrument :

MSVOA_N

ClientSampled :

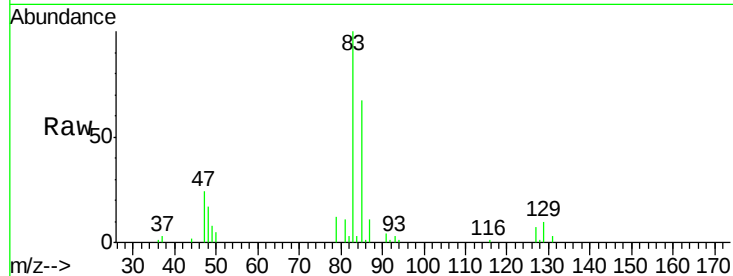
Tot Ion: 83 Resp: 35252

Ion Ratio Lower Upper

83 100

85 66.7 50.4 75.6

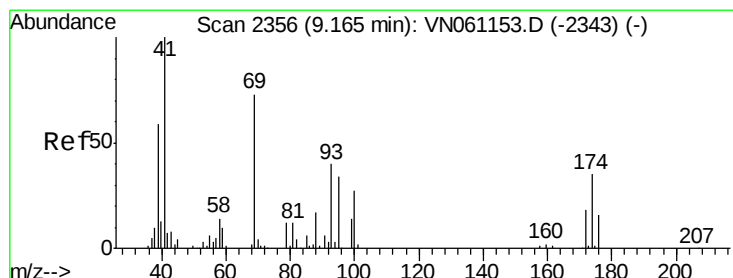
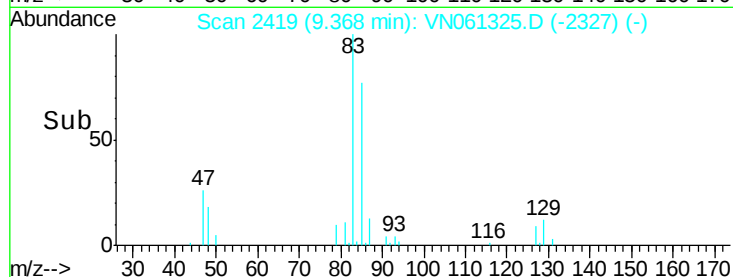
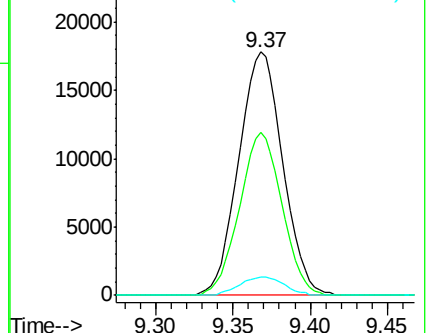
127 7.4 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-2404) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-2404) (-)

Ion 126.80 (126.50 to 127.50): VN061153.D (-2404) (-)



#48

Methyl methacrylate

Concen: 18.443 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

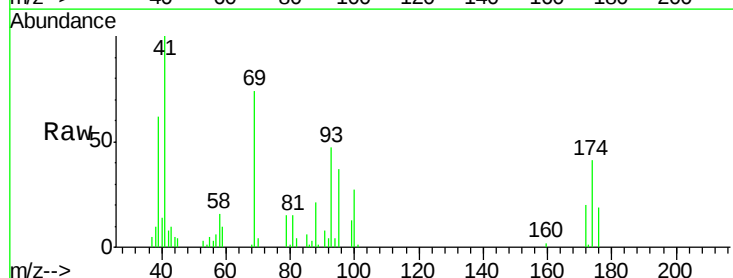
Tgt Ion: 41 Resp: 27363

Ion Ratio Lower Upper

41 100

69 75.5 60.3 90.5

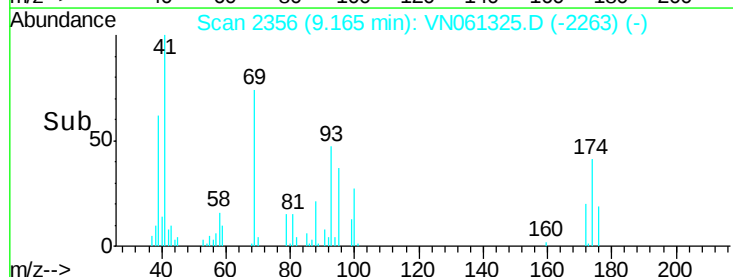
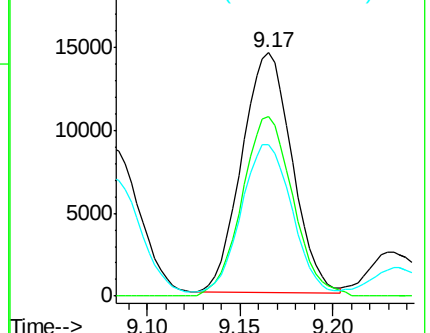
39 65.1 47.4 71.0



Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-2343) (-)

Ion 69.00 (68.70 to 69.70): VN061153.D (-2343) (-)

Ion 39.00 (38.70 to 39.70): VN061153.D (-2343) (-)

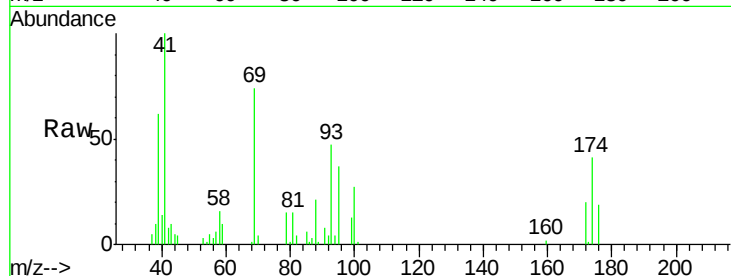




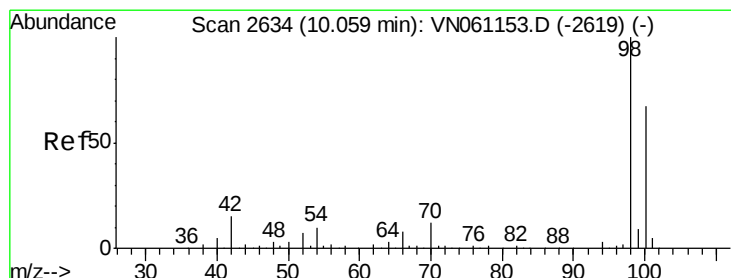
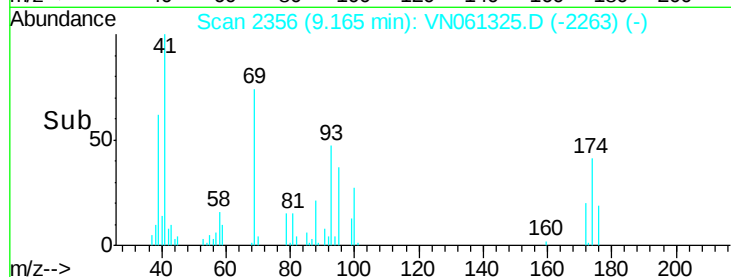
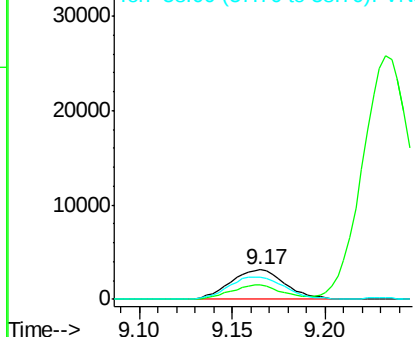
#49
1,4-Dioxane
Concen: 379.605 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 6393
Ion Ratio Lower Upper
88 100
43 45.7 35.3 52.9
58 77.9 61.5 92.3

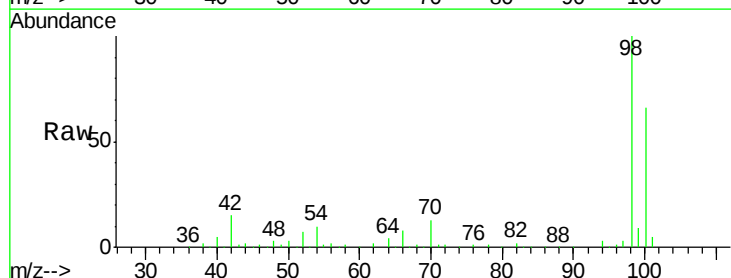


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

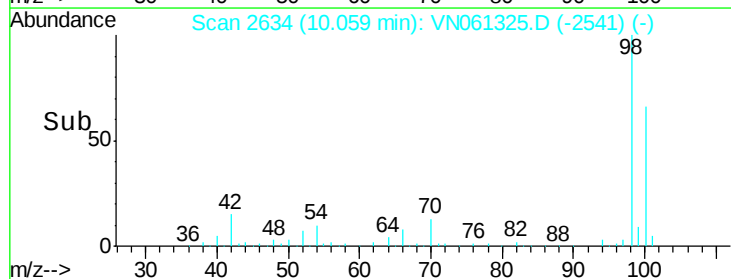
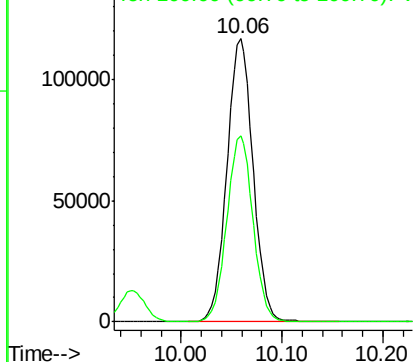


#50
Toluene-d8
Concen: 52.006 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

Tgt Ion: 98 Resp: 211625
Ion Ratio Lower Upper
98 100
100 65.6 53.4 80.0



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

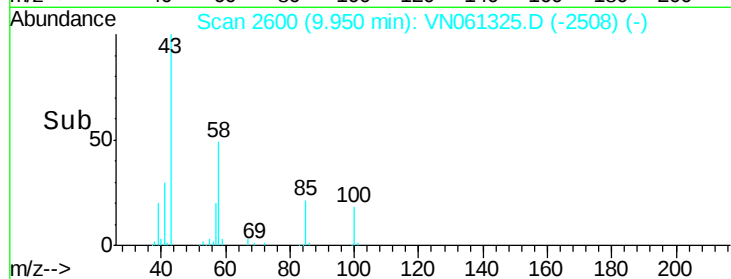
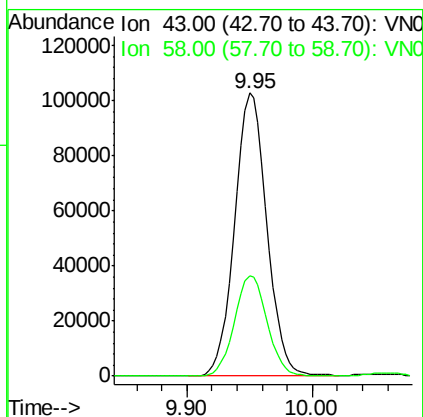
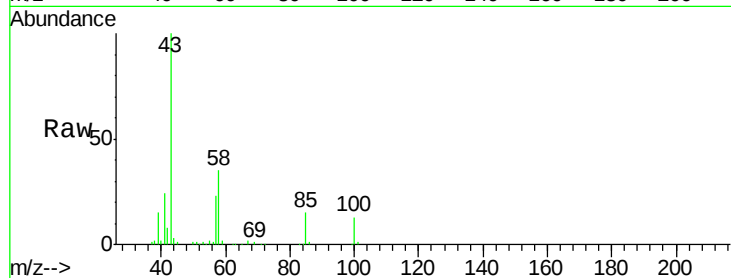




#51
 4-Methyl-2-Pentanone
 Concen: 94.863 ug/l
 RT: 9.95 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: VN061325.D
 Acq: 7 May 2020 11:40

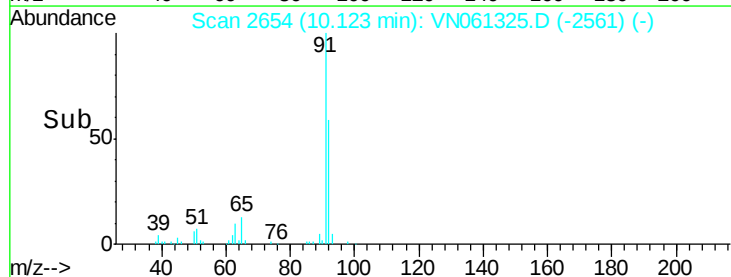
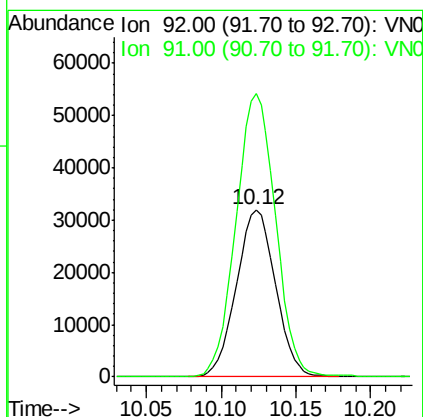
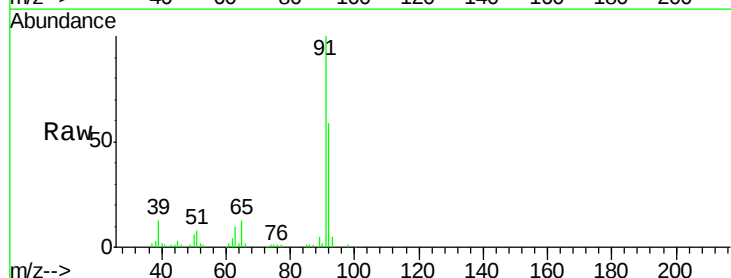
Instrument :
 MSVOA_N
 ClientSampled :

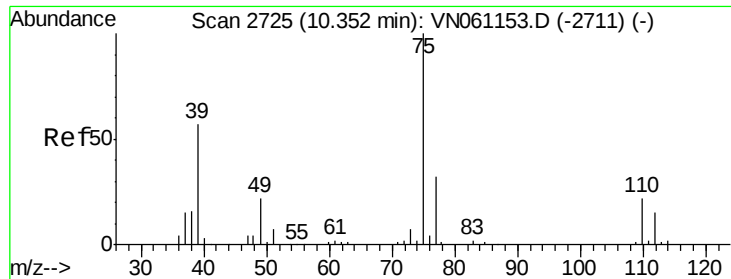
Tot Ion: 43 Resp: 183586
 Ion Ratio Lower Upper
 43 100
 58 35.9 29.1 43.7



#52
 Toluene
 Concen: 19.183 ug/l
 RT: 10.12 min Scan# 2654
 Delta R.T. 0.00 min
 Lab File: VN061325.D
 Acq: 7 May 2020 11:40

Tgt Ion: 92 Resp: 58172
 Ion Ratio Lower Upper
 92 100
 91 171.2 136.2 204.2

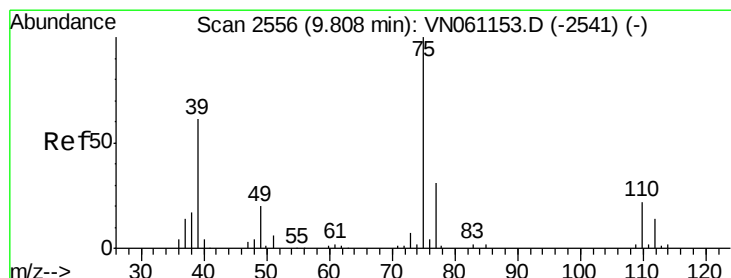
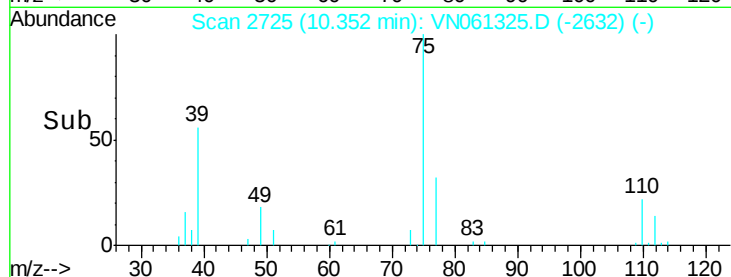
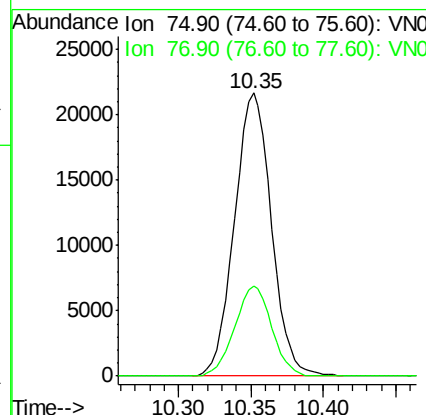
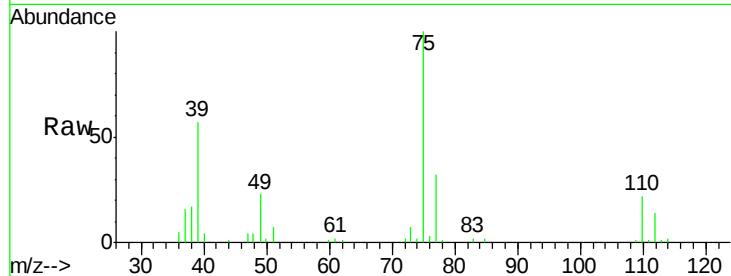




#53
t-1,3-Dichloropropene
Concen: 19.026 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

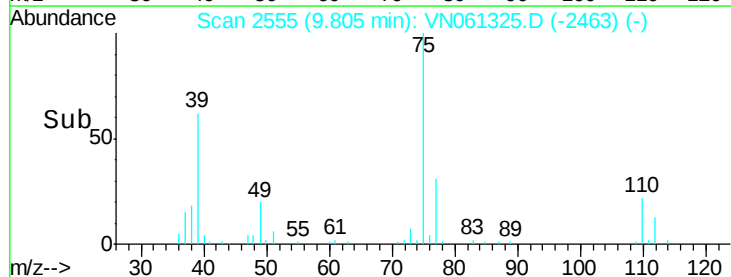
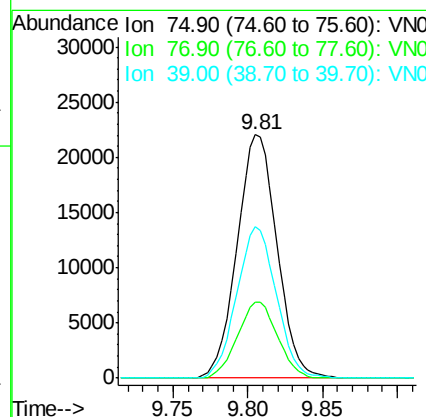
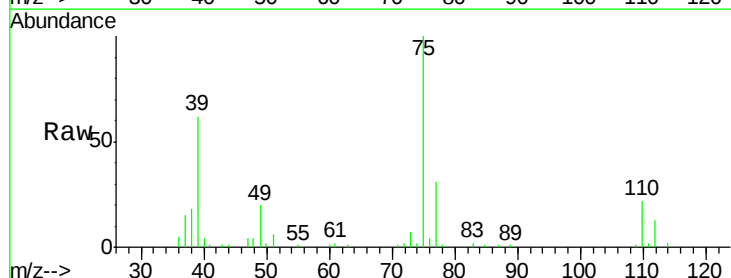
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 75 Resp: 38321
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 19.190 ug/l
RT: 9.81 min Scan# 2555
Delta R.T. -0.00 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

Tgt Ion: 75 Resp: 40862
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4
39 62.1 48.7 73.1

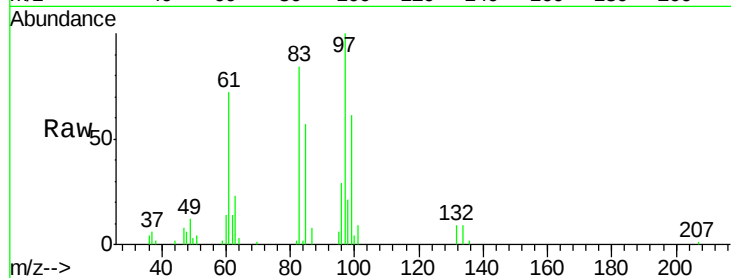




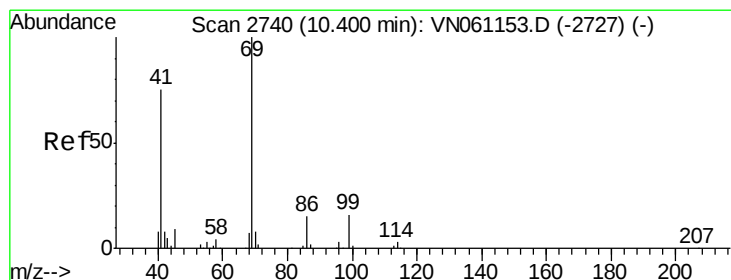
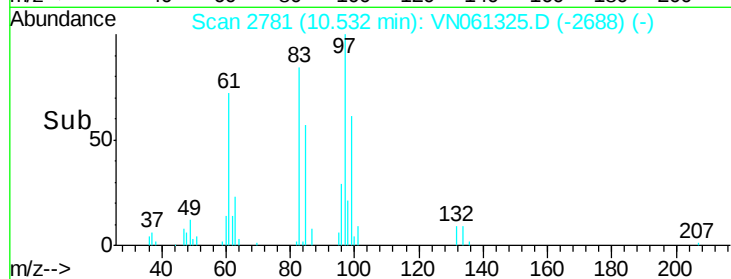
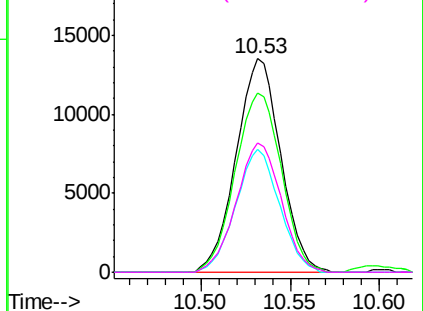
#55
 1,1,2-Trichloroethane
 Concen: 19.476 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061325.D
 Acq: 7 May 2020 11:40

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	23557
Ion	Ratio	Lower	Upper
97	100		
83	83.7	70.6	106.0
85	57.4	46.4	69.6
99	60.5	50.6	75.8

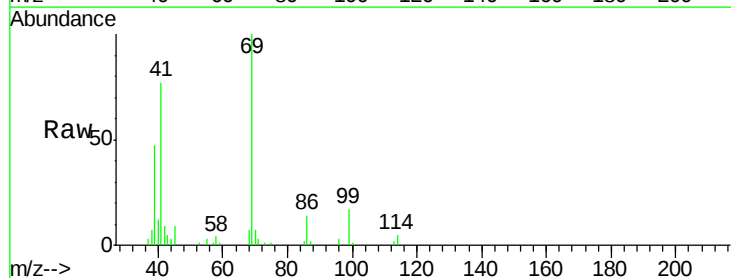


Abundance Ion 96.90 (96.60 to 97.60): VN061325.D (-2688) (-)
 Ion 82.90 (82.60 to 83.60): VN061325.D (-2688) (-)
 Ion 84.90 (84.60 to 85.60): VN061325.D (-2688) (-)
 Ion 98.90 (98.60 to 99.60): VN061325.D (-2688) (-)

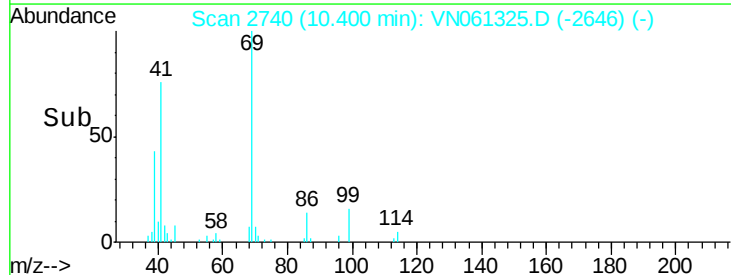
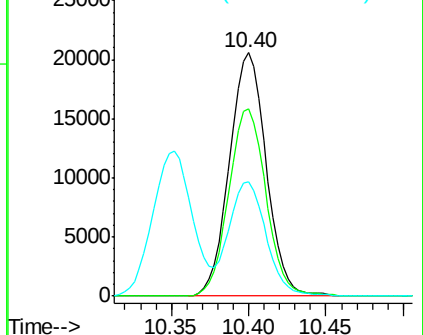


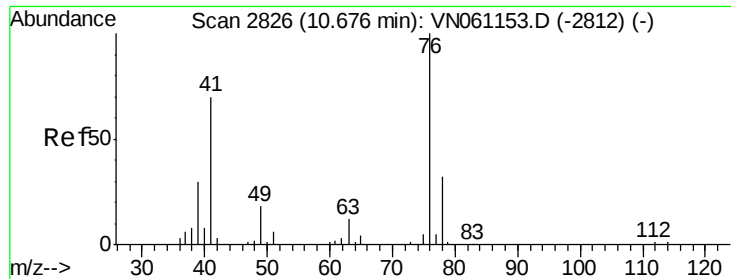
#56
 Ethyl methacrylate
 Concen: 17.951 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061325.D
 Acq: 7 May 2020 11:40

Tgt Ion:	69	Resp:	33940
Ion	Ratio	Lower	Upper
69	100		
41	78.2	60.3	90.5
39	47.5	35.9	53.9



Abundance Ion 69.00 (68.70 to 69.70): VN061325.D (-2646) (-)
 Ion 41.00 (40.70 to 41.70): VN061325.D (-2646) (-)
 Ion 39.00 (38.70 to 39.70): VN061325.D (-2646) (-)

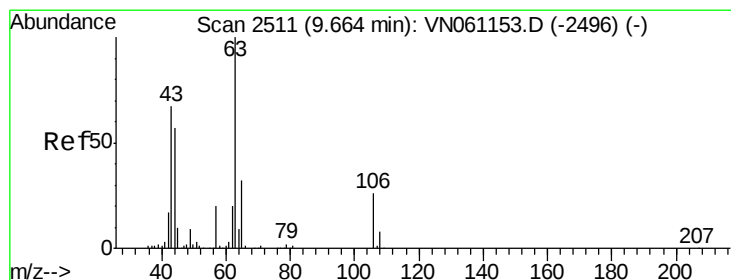
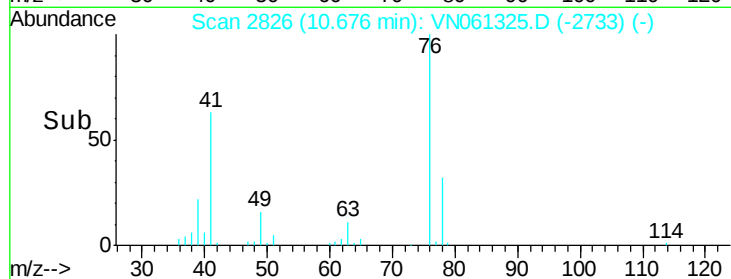
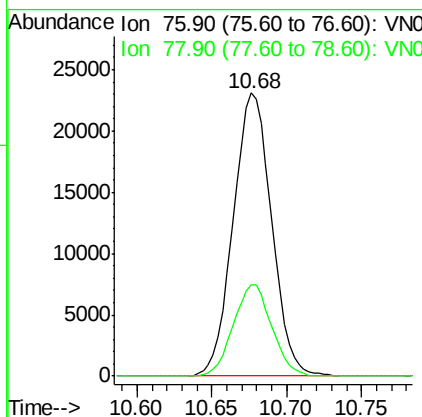
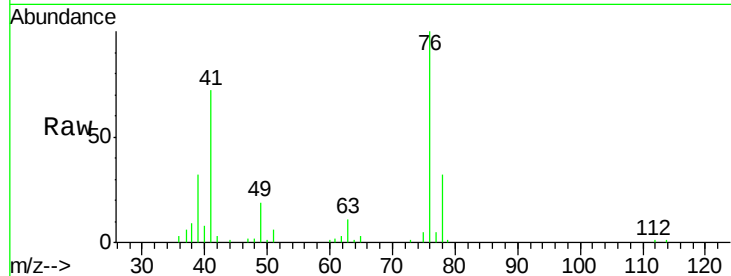




#57
 1,3-Dichloropropane
 Concen: 19.406 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061325.D
 Acq: 7 May 2020 11:40

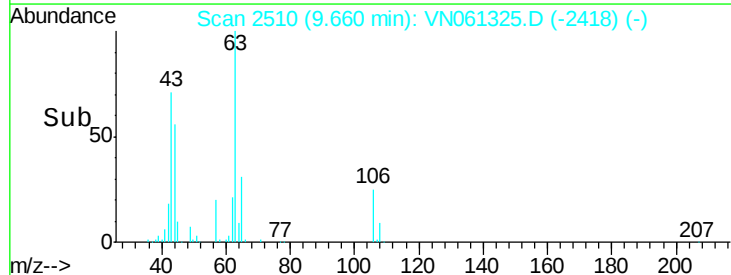
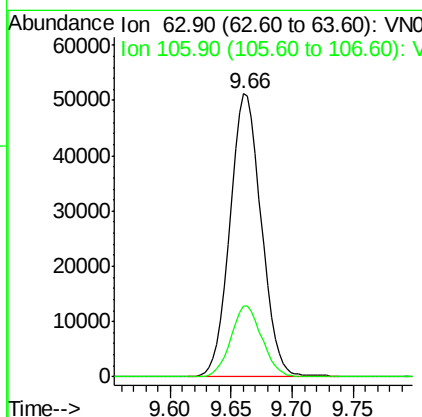
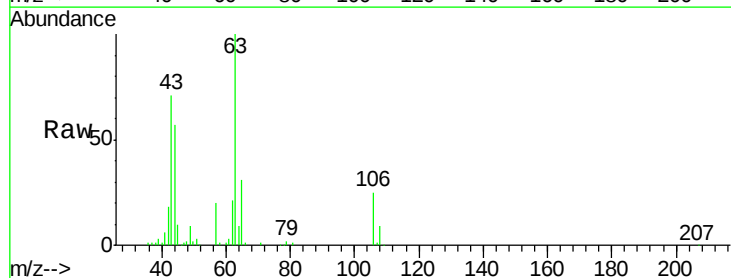
Instrument :
 MSVOA_N
 ClientSampled :

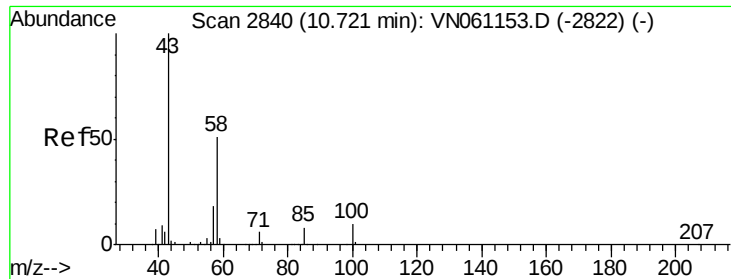
Tot Ion: 76 Resp: 41258
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.787 ug/l
 RT: 9.66 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: VN061325.D
 Acq: 7 May 2020 11:40

Tgt Ion: 63 Resp: 91824
 Ion Ratio Lower Upper
 63 100
 106 24.8 20.6 30.8

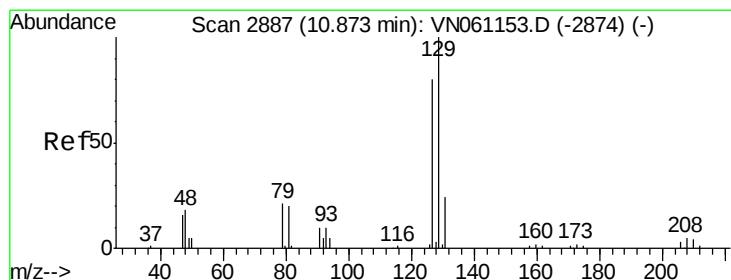
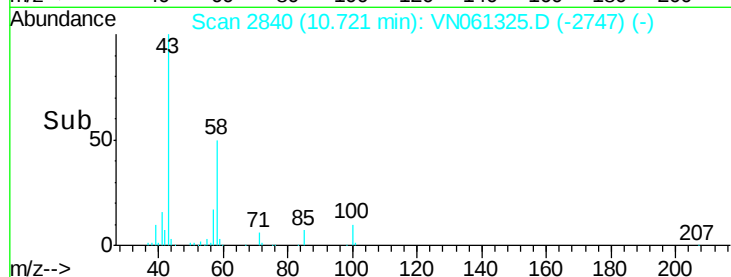
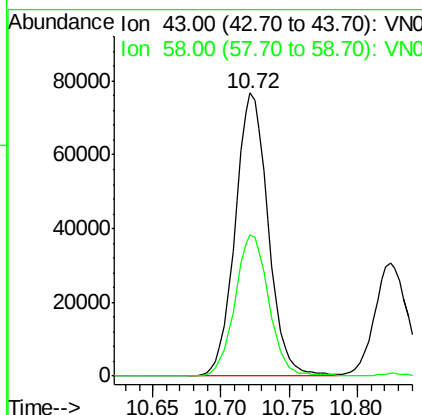
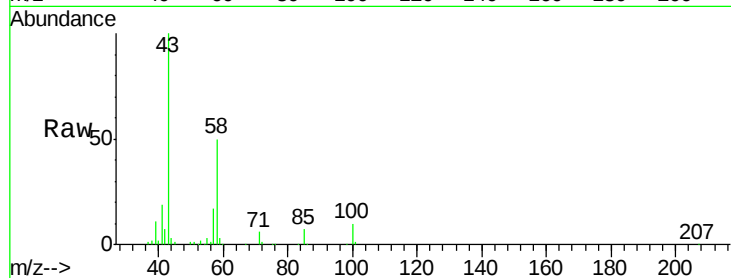




#59
2-Hexanone
Concen: 91.557 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

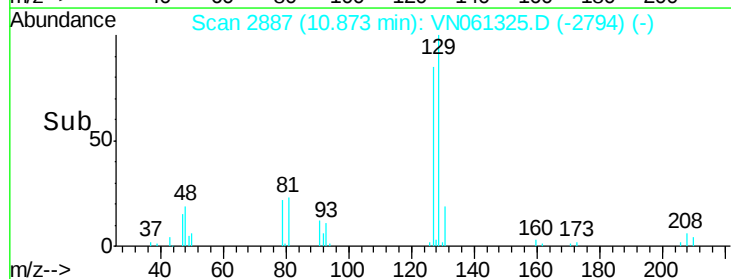
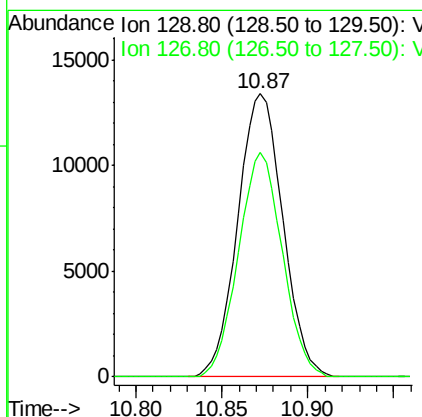
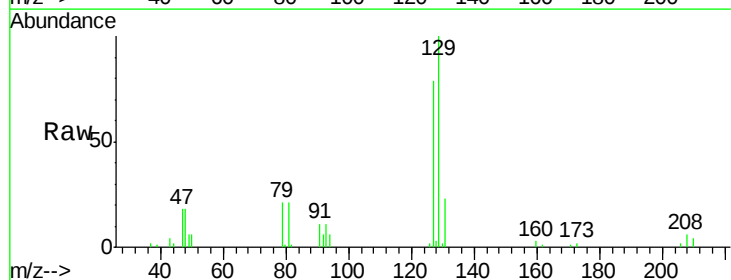
Instrument :
MSVOA_N
ClientSampled :

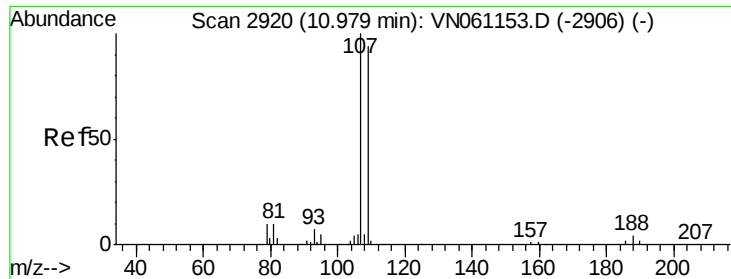
Tot Ion: 43 Resp: 128907
Ion Ratio Lower Upper
43 100
58 50.9 25.4 76.4



#60
Dibromochloromethane
Concen: 19.239 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

Tgt Ion: 129 Resp: 24372
Ion Ratio Lower Upper
129 100
127 77.1 39.3 117.8

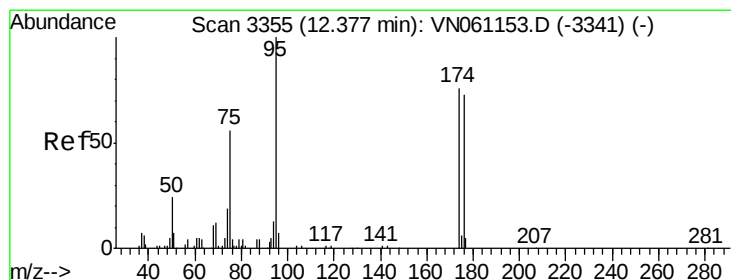
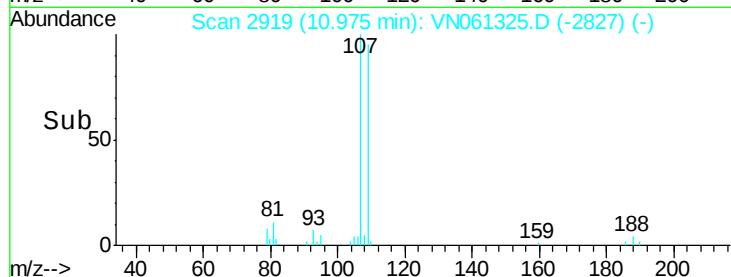
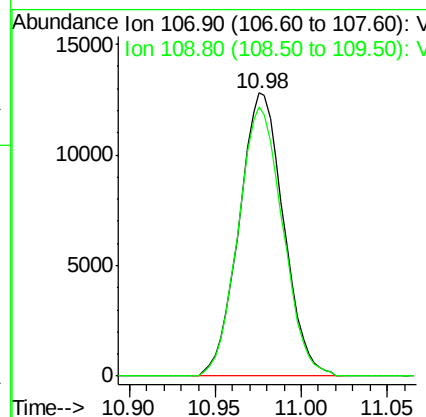
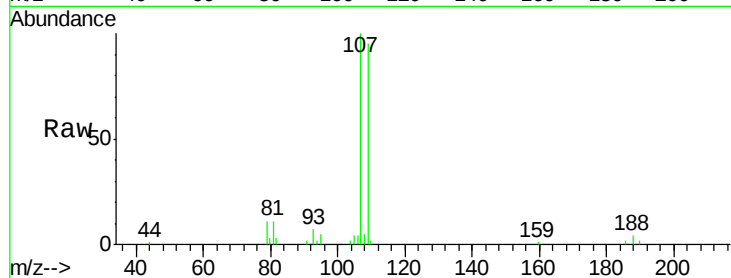




#61
 1,2-Dibromoethane
 Concen: 18.928 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061325.D
 Acq: 7 May 2020 11:40

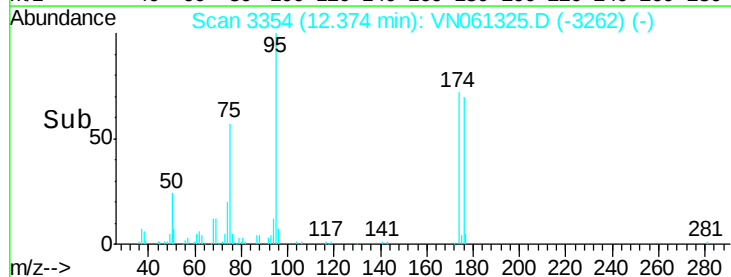
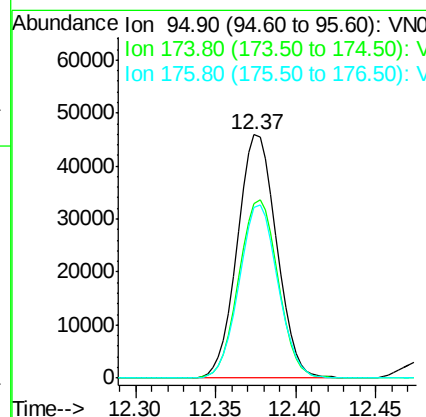
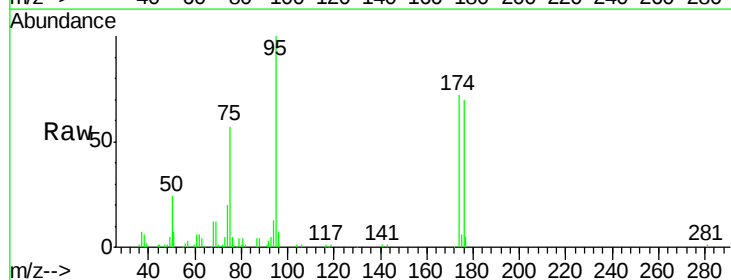
Instrument :
 MSVOA_N
 ClientSampleId :

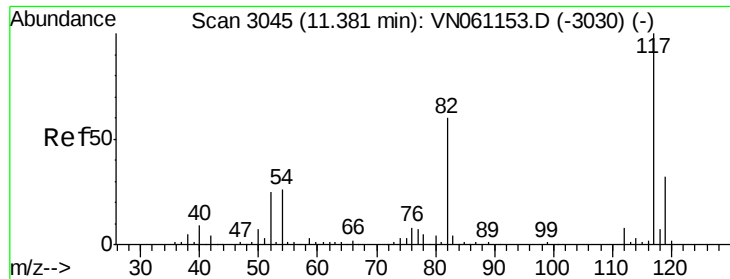
Tot Ion:107 Resp: 22947
 Ion Ratio Lower Upper
 107 100
 109 95.1 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 50.108 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061325.D
 Acq: 7 May 2020 11:40

Tgt Ion: 95 Resp: 76732
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 149.4
 176 70.2 0.0 144.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

Instrument :

MSVOA_N

ClientSampled :

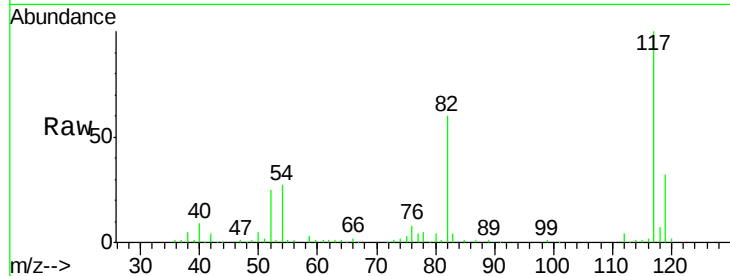
Tot Ion:117 Resp: 156074

Ion Ratio Lower Upper

117 100

82 59.9 47.8 71.8

119 31.9 25.8 38.6

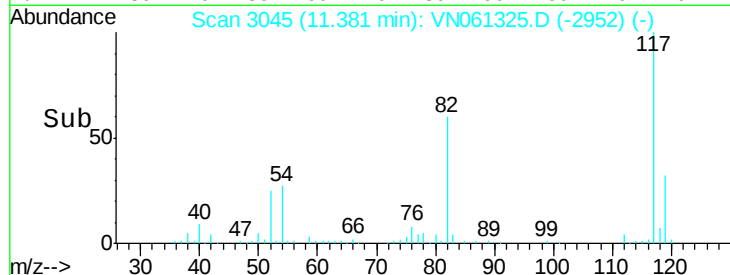


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

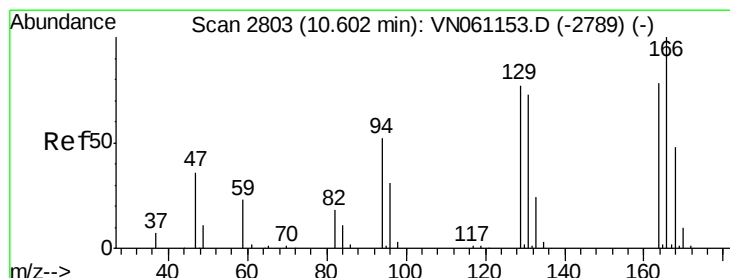
Ion 118.90 (118.60 to 119.60): V

Time-->



11.38

Time-->



#64

Tetrachloroethene

Concen: 17.226 ug/l

RT: 10.60 min Scan# 2803

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

Tgt Ion:164 Resp: 23285

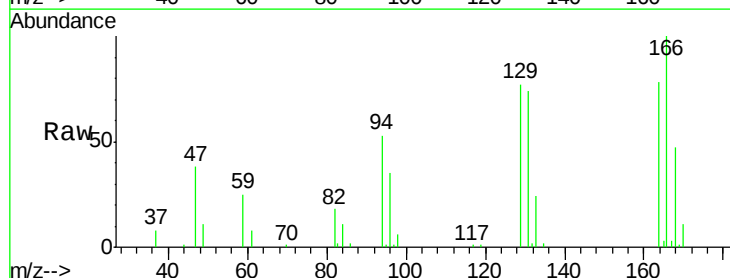
Ion Ratio Lower Upper

164 100

166 128.8 102.0 153.0

129 99.1 78.2 117.2

131 95.5 74.5 111.7



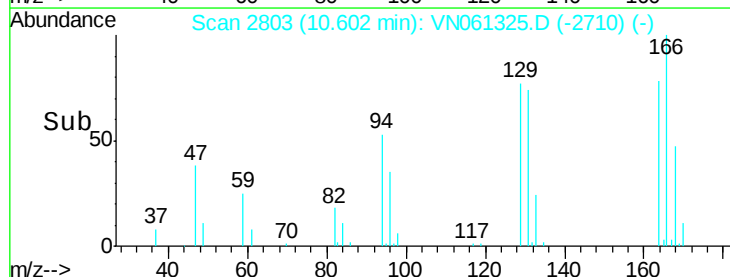
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

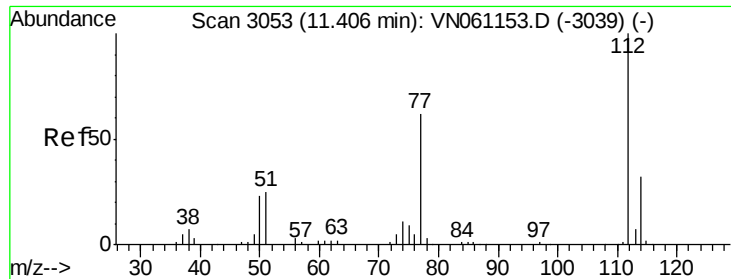
Ion 130.80 (130.50 to 131.50): V

Time-->



10.60

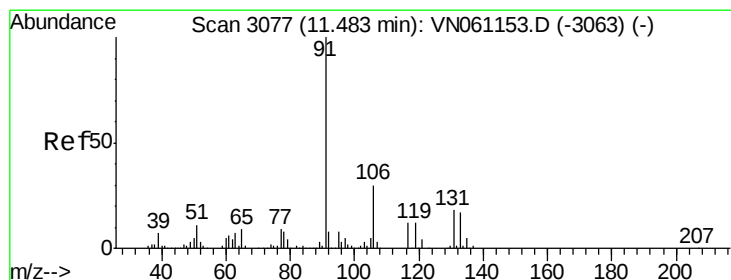
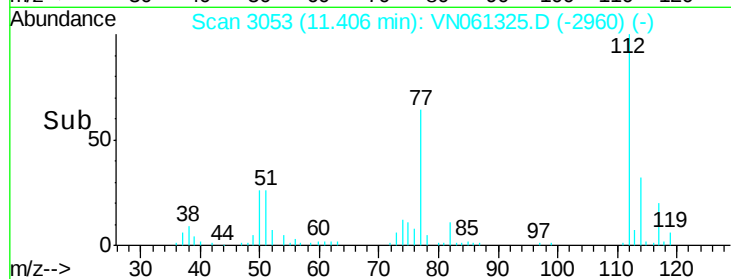
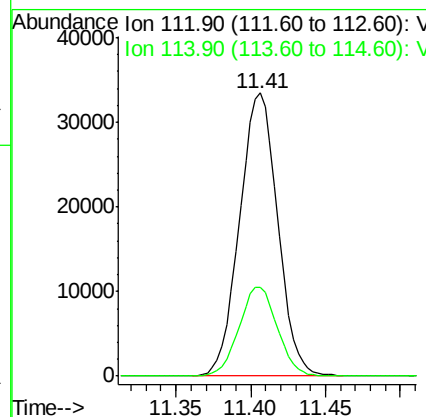
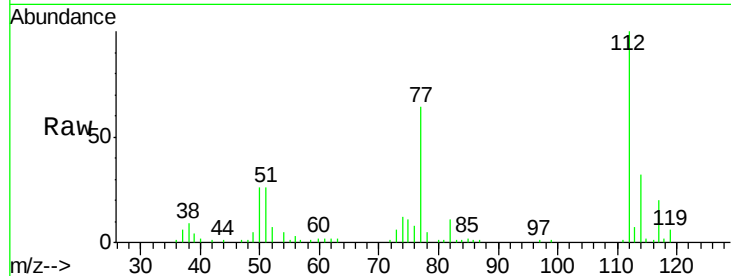
Time-->



#65
Chlorobenzene
Concen: 19.183 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

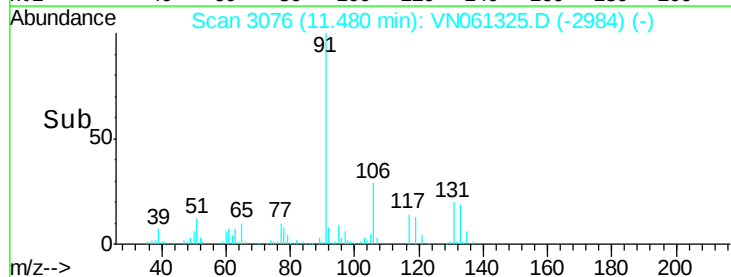
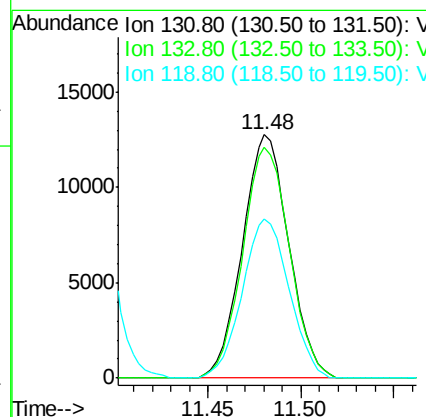
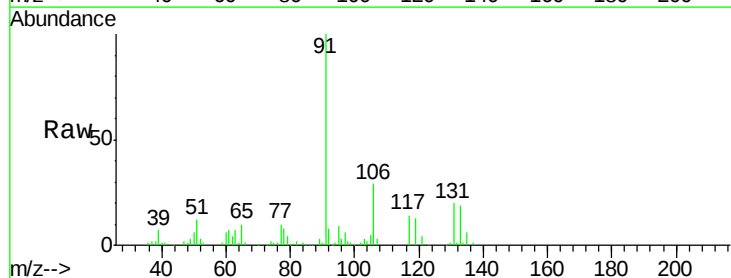
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 59391
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.983 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

Tgt Ion:131 Resp: 22143
Ion Ratio Lower Upper
131 100
133 95.6 48.0 144.2
119 66.1 32.6 97.8





#67

Ethyl Benzene

Concen: 18.935 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

Instrument :

MSVOA_N

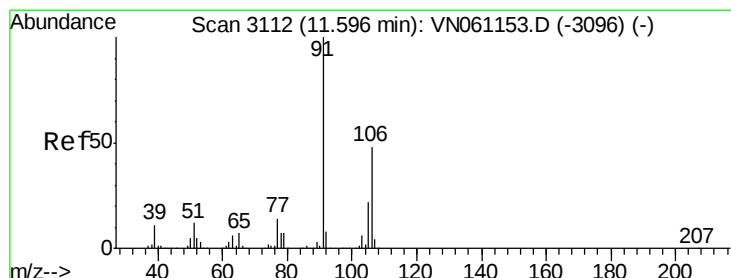
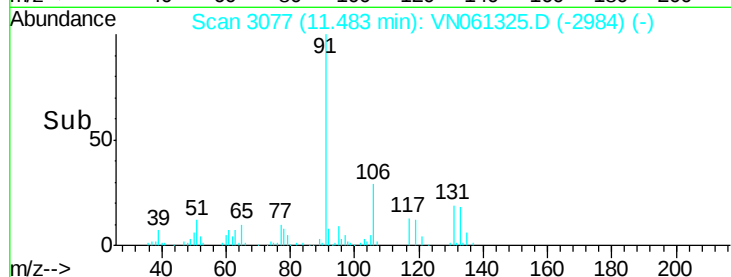
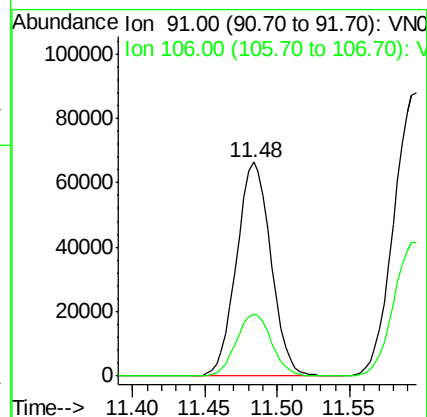
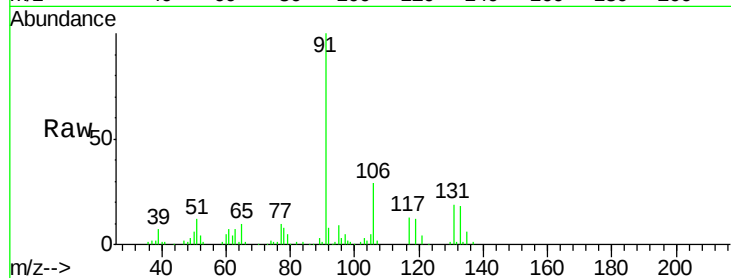
ClientSampled :

Tot Ion: 91 Resp: 109741

Ion Ratio Lower Upper

91 100

106 29.1 23.8 35.6



#68

m/p-Xylenes

Concen: 37.762 ug/l

RT: 11.59 min Scan# 3111

Delta R.T. -0.00 min

Lab File: VN061325.D

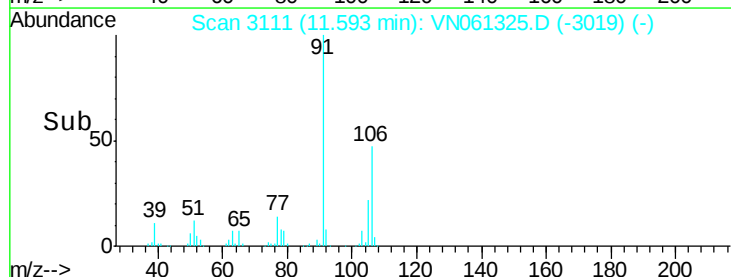
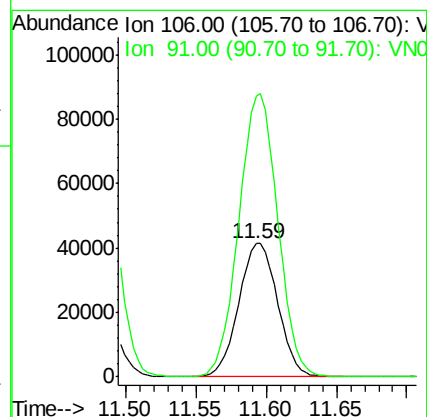
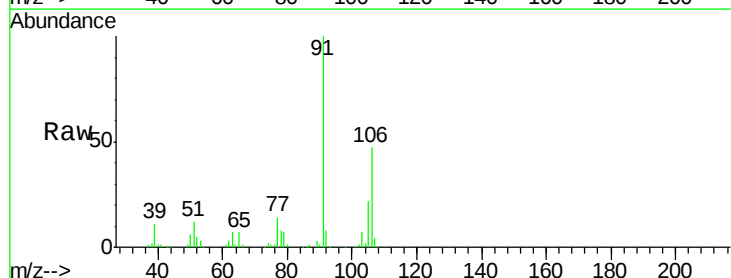
Acq: 7 May 2020 11:40

Tgt Ion: 106 Resp: 80108

Ion Ratio Lower Upper

106 100

91 212.6 166.4 249.6

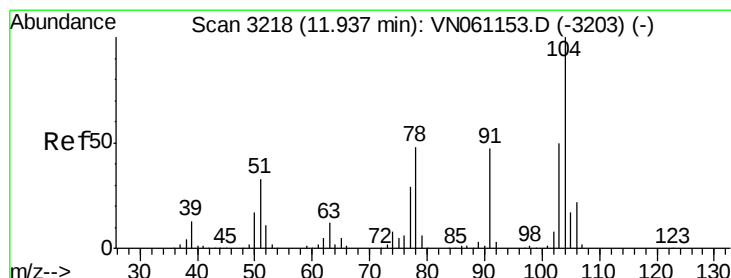
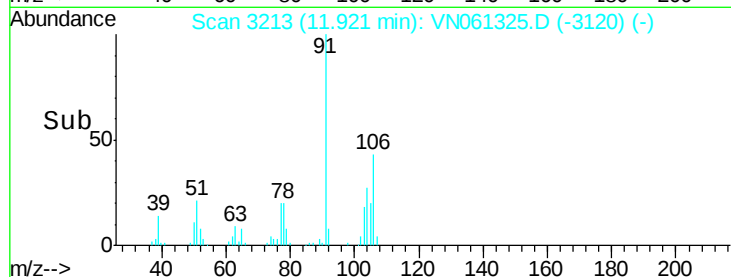
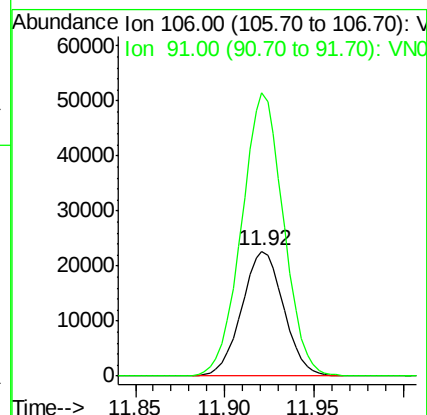
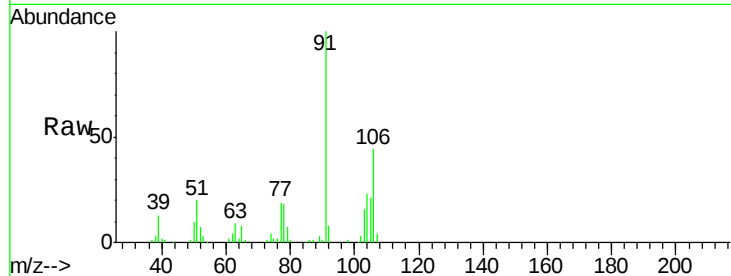




#69
o-Xylene
Concen: 18.323 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

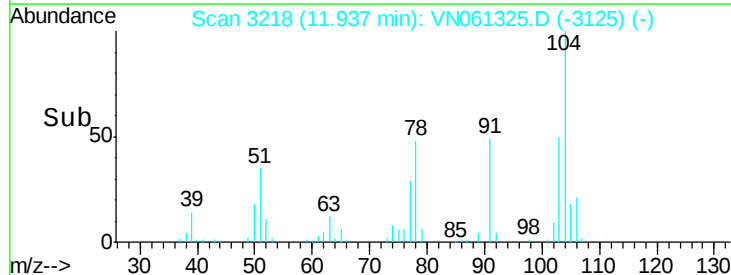
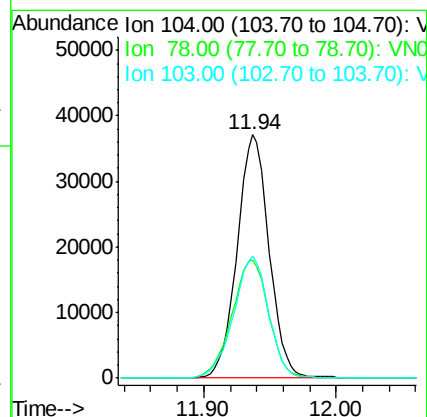
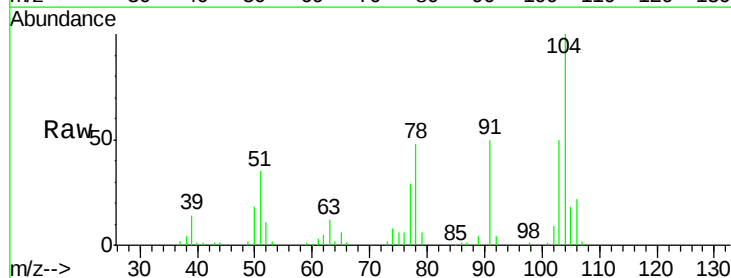
Instrument :
MSVOA_N
ClientSampled :

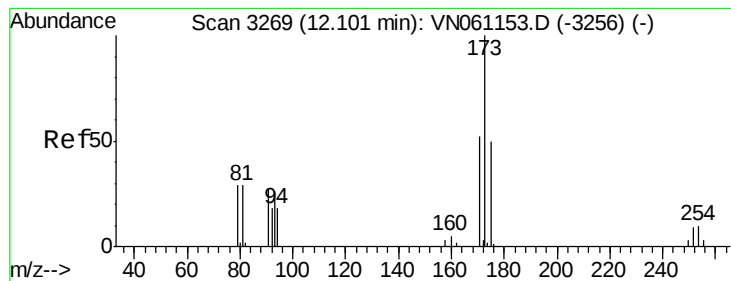
Tot Ion:106 Resp: 37338
Ion Ratio Lower Upper
106 100
91 226.0 109.7 329.0



#70
Styrene
Concen: 18.230 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061325.D
Acq: 7 May 2020 11:40

Tgt Ion:104 Resp: 62174
Ion Ratio Lower Upper
104 100
78 55.6 42.1 63.1
103 54.8 43.3 64.9





#71

Bromoform

Concen: 18.914 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

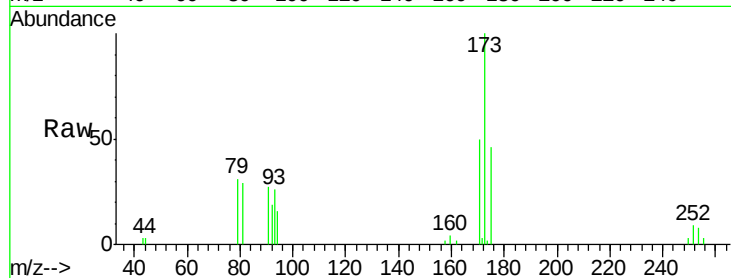
Tot Ion:173 Resp: 15403

Ion Ratio Lower Upper

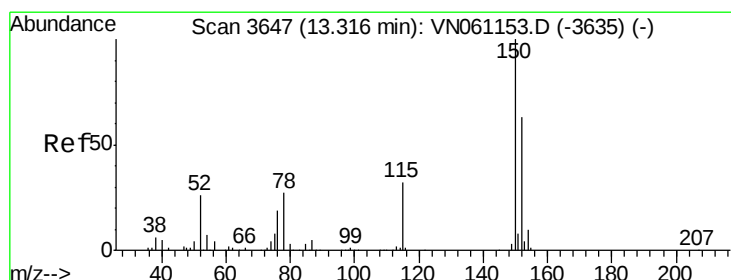
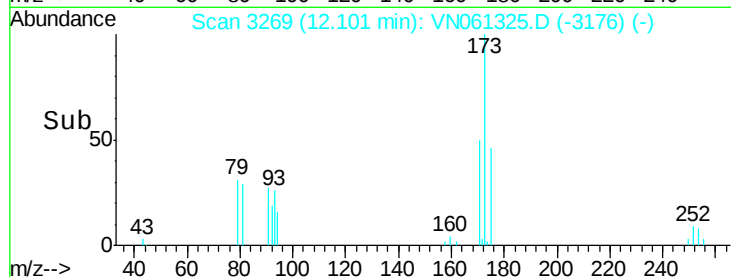
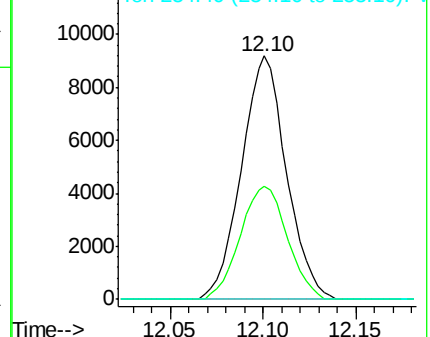
173 100

175 48.9 24.1 72.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

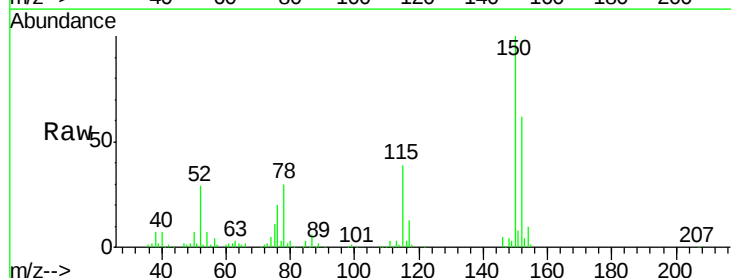
Tgt Ion:152 Resp: 72015

Ion Ratio Lower Upper

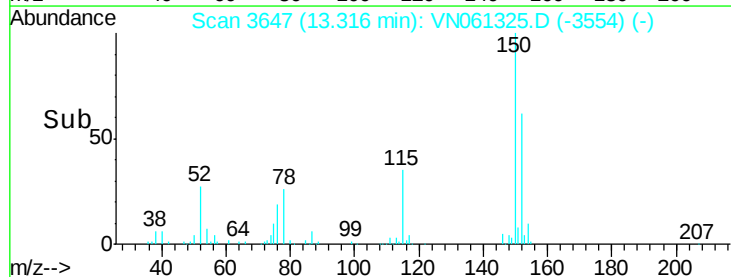
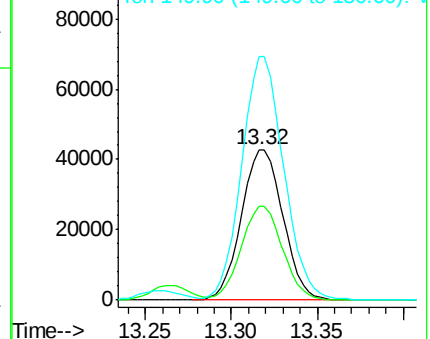
152 100

115 61.8 31.0 93.0

150 164.3 0.0 351.8



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





#73

Isopropylbenzene

Concen: 19.426 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

Instrument :

MSVOA_N

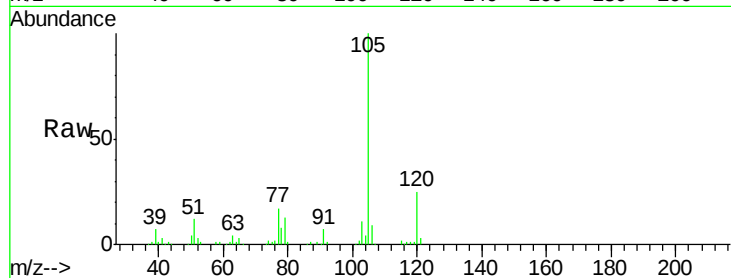
ClientSampleId :

Tot Ion:105 Resp: 102842

Ion Ratio Lower Upper

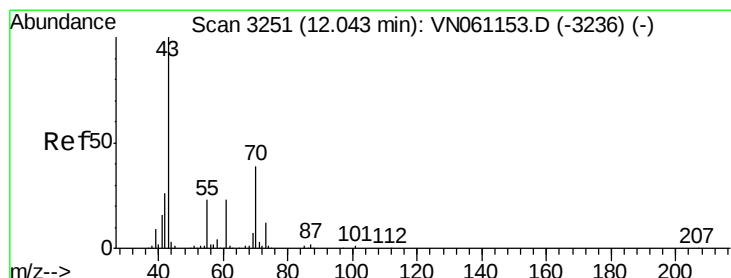
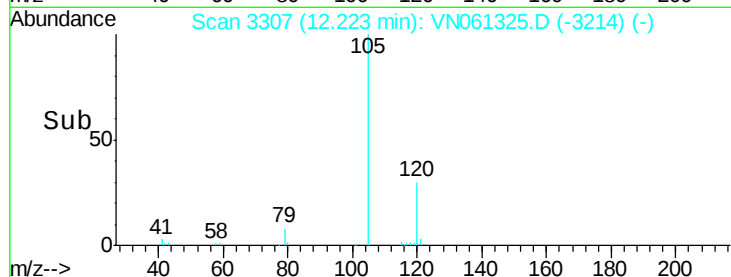
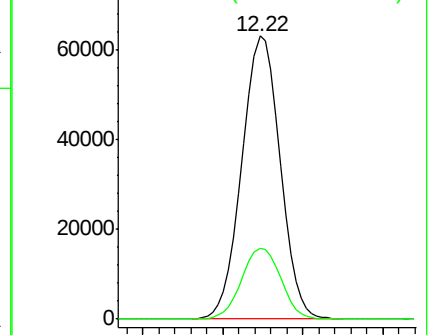
105 100

120 25.7 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.485 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

Tgt Ion: 43 Resp: 49556

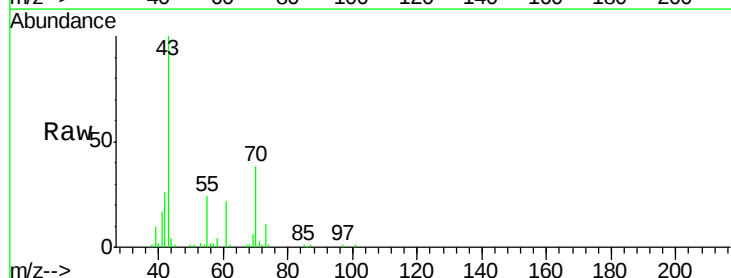
Ion Ratio Lower Upper

43 100

70 37.6 30.6 46.0

55 23.8 18.5 27.7

61 21.4 17.9 26.9

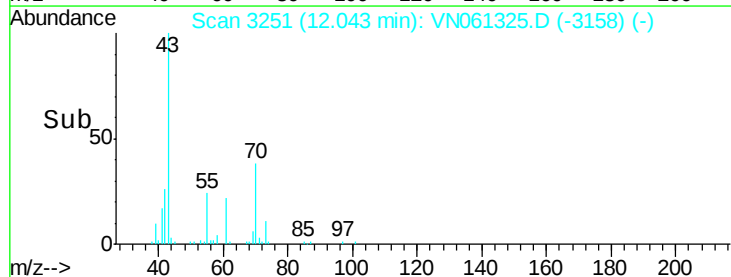
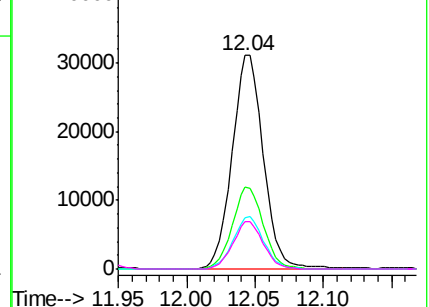


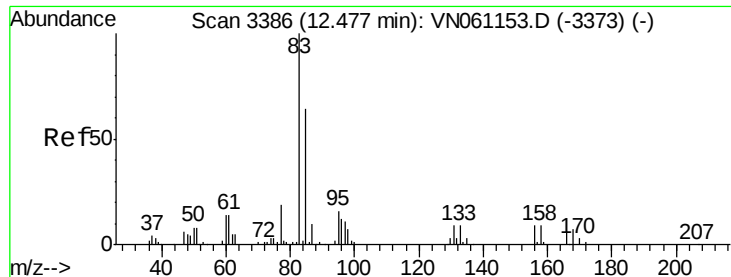
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.314 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

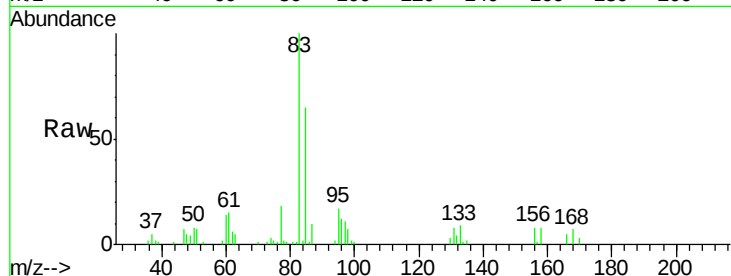
Tot Ion: 83 Resp: 33535

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.3

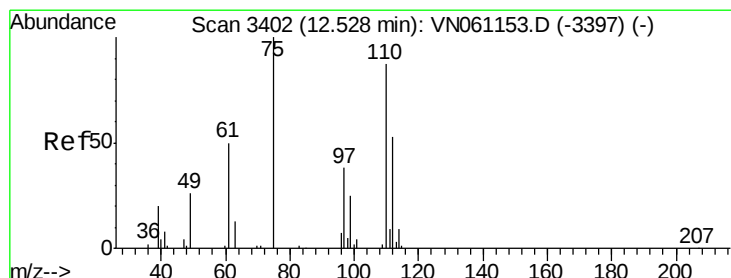
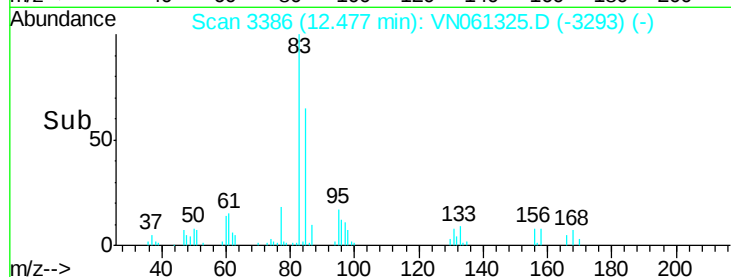
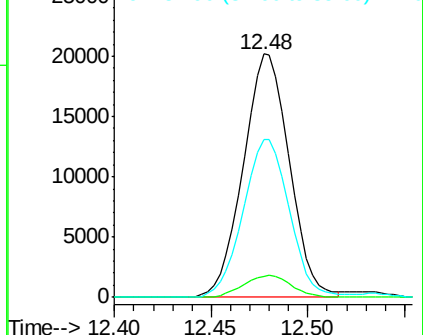
85 65.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 29.544 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061325.D

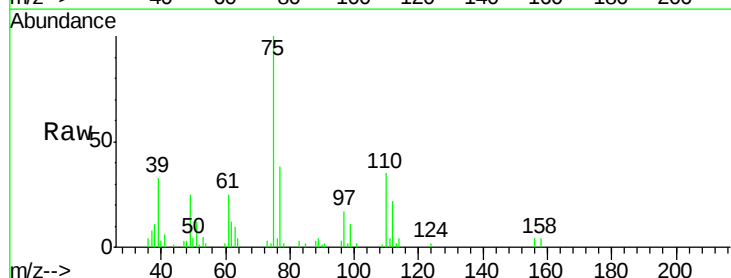
Acq: 7 May 2020 11:40

Tgt Ion: 75 Resp: 44855

Ion Ratio Lower Upper

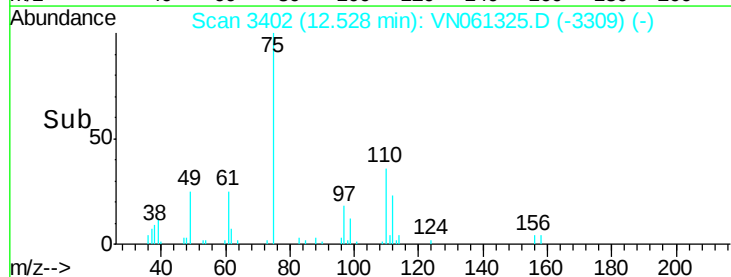
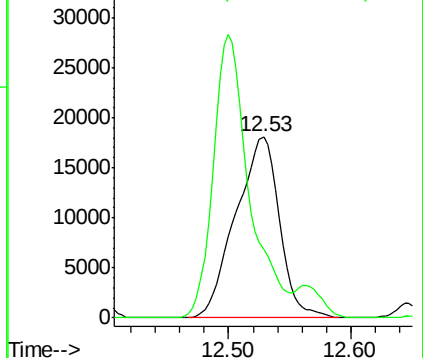
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.789 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

Instrument :

MSVOA_N

ClientSampled :

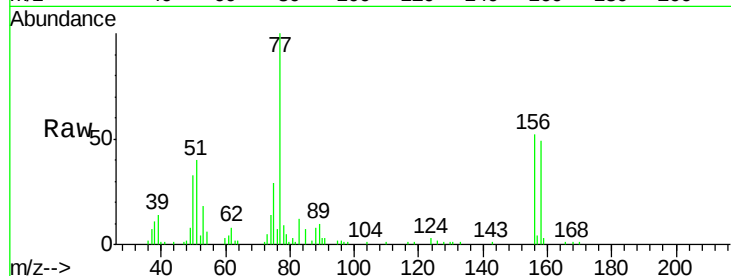
Tot Ion:156 Resp: 24185

Ion Ratio Lower Upper

156 100

77 240.9 117.4 352.2

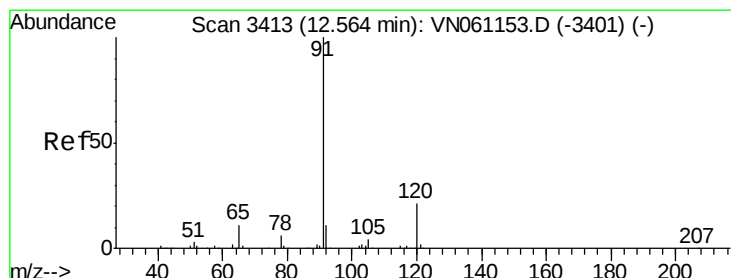
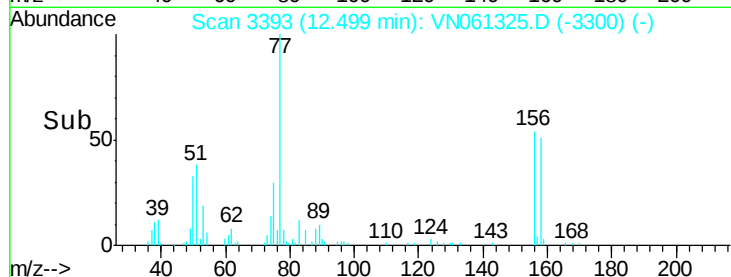
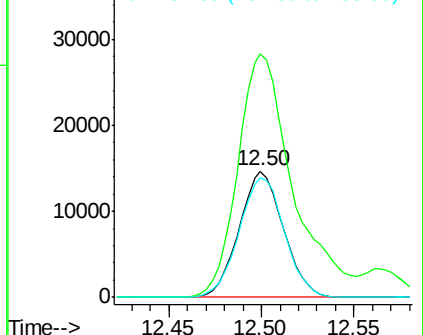
158 97.6 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.733 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061325.D

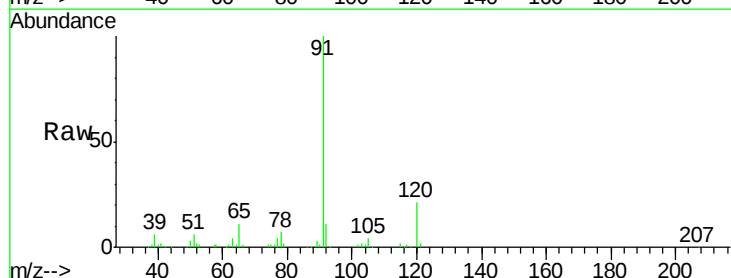
Acq: 7 May 2020 11:40

Tgt Ion: 91 Resp: 123915

Ion Ratio Lower Upper

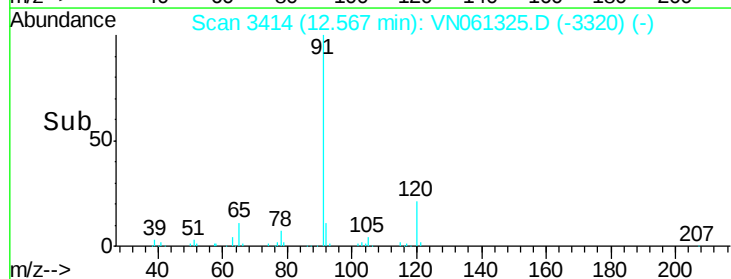
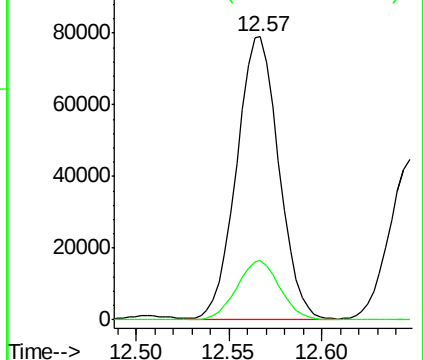
91 100

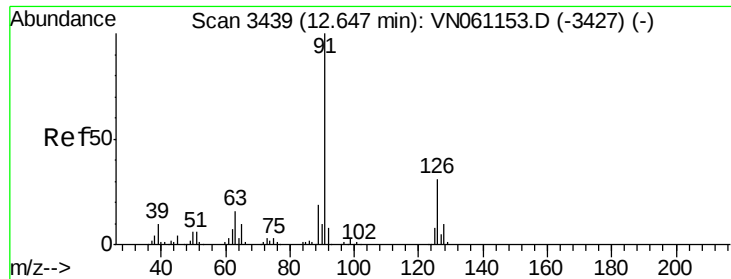
120 21.3 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

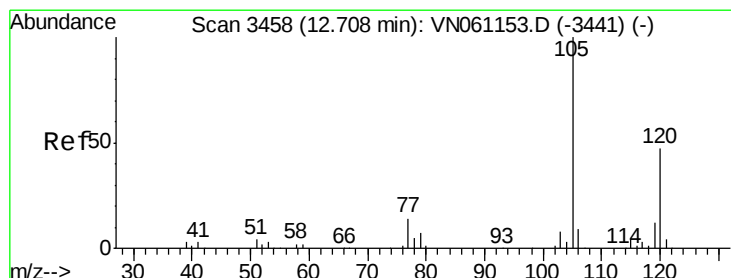
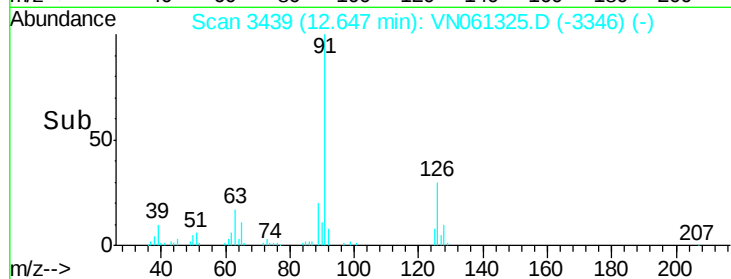
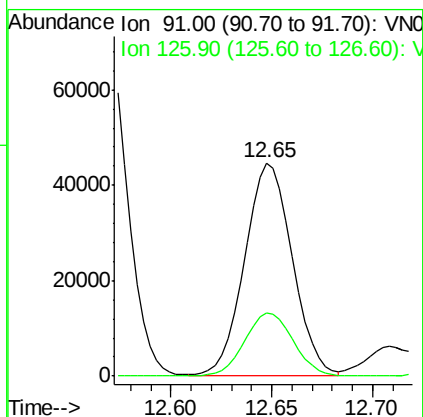
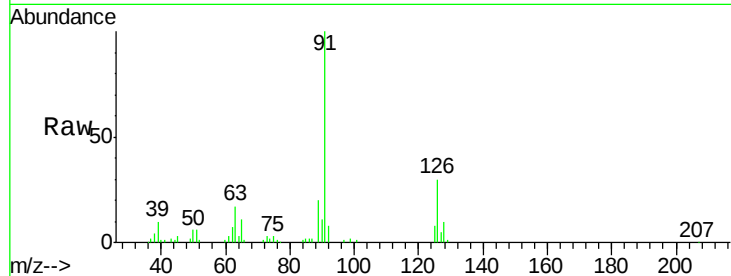




#79
 2-Chlorotoluene
 Concen: 19.901 ug/l
 RT: 12.65 min Scan# 3439
 Delta R.T. 0.00 min
 Lab File: VN061325.D
 Acq: 7 May 2020 11:40

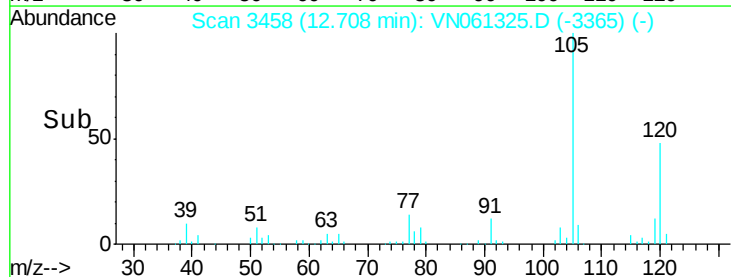
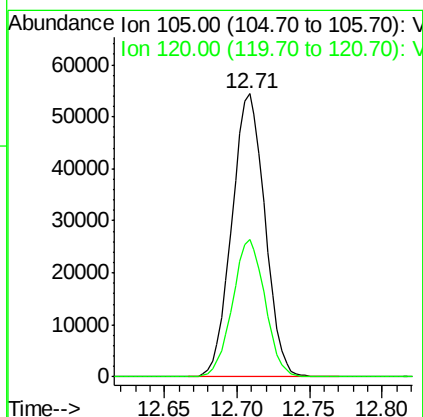
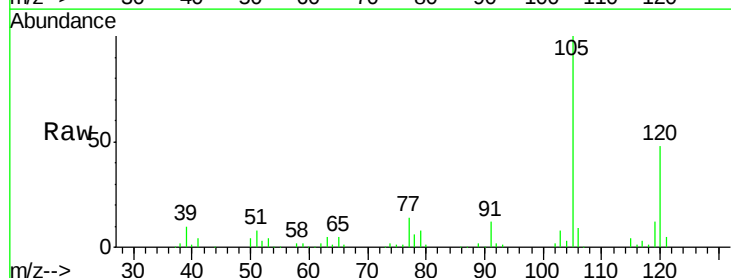
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 91 Resp: 73452
 Ion Ratio Lower Upper
 91 100
 126 30.4 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.689 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061325.D
 Acq: 7 May 2020 11:40

Tgt Ion: 105 Resp: 86273
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 18.952 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

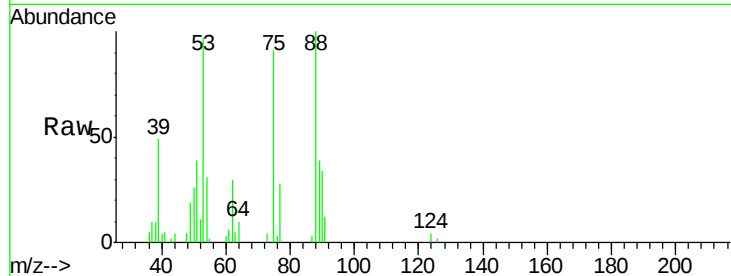
Tot Ion: 75 Resp: 11331

Ion Ratio Lower Upper

75 100

53 111.5 84.1 126.1

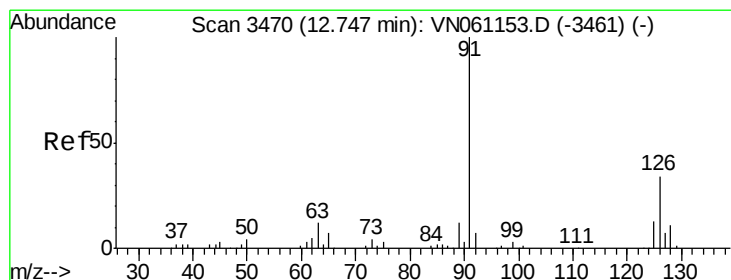
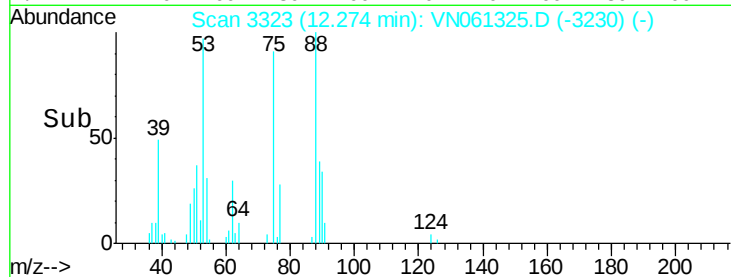
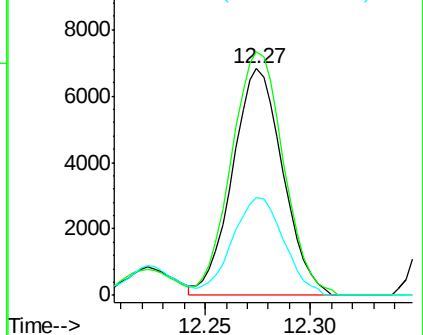
89 44.1 35.2 52.8



Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3313) (-)

Ion 53.00 (52.70 to 53.70): VN061153.D (-3313) (-)

Ion 88.90 (88.60 to 89.60): VN061153.D (-3313) (-)



#82

4-Chlorotoluene

Concen: 20.072 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061325.D

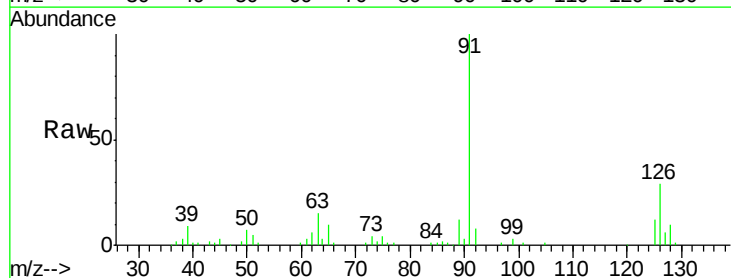
Acq: 7 May 2020 11:40

Tgt Ion: 91 Resp: 78083

Ion Ratio Lower Upper

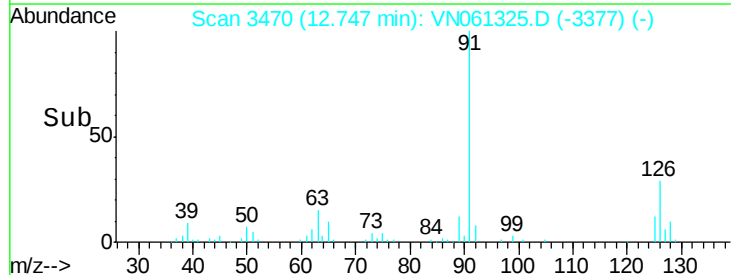
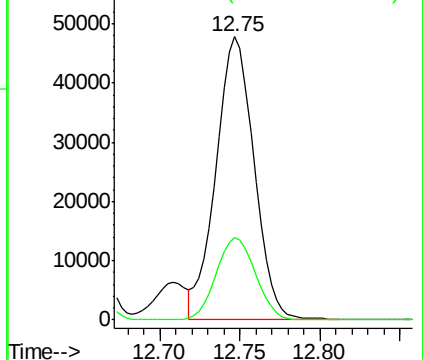
91 100

126 29.7 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3461) (-)

Ion 125.90 (125.60 to 126.60): VN061153.D (-3461) (-)

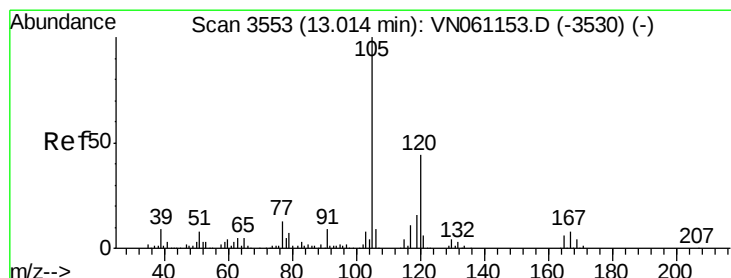
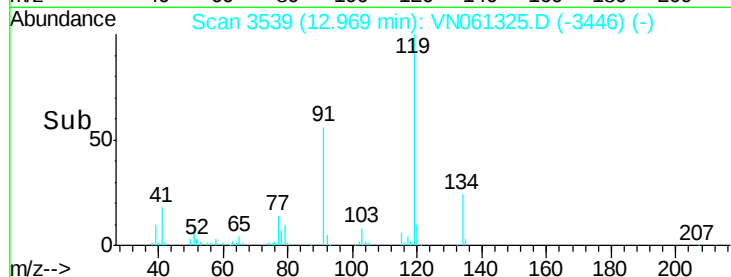
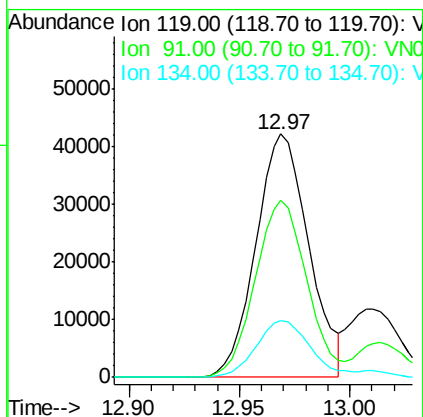
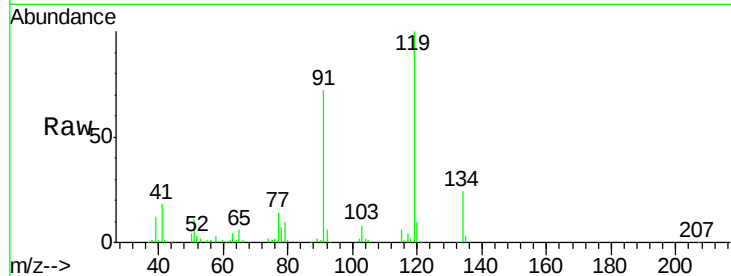




#83
 tert-Butylbenzene
 Concen: 18.989 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061325.D
 Acq: 7 May 2020 11:40

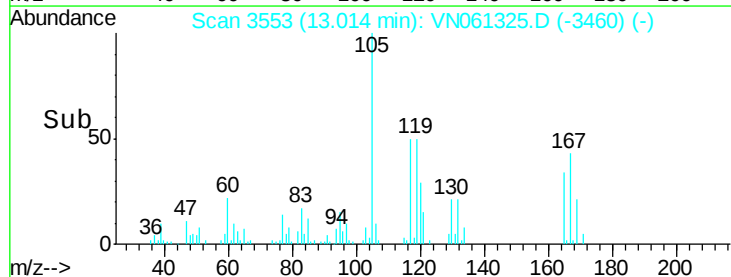
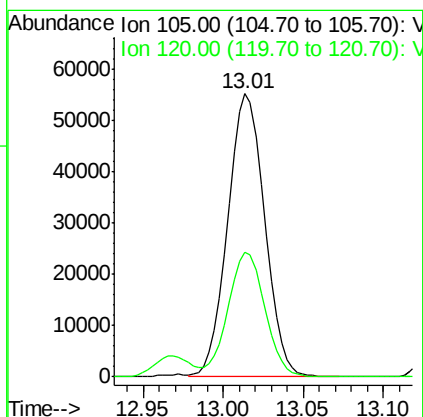
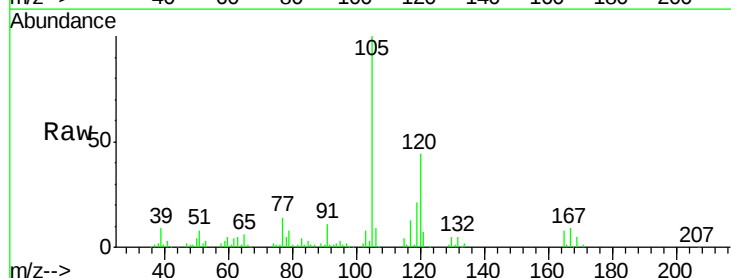
Instrument :
 MSVOA_N
 ClientSampleId :

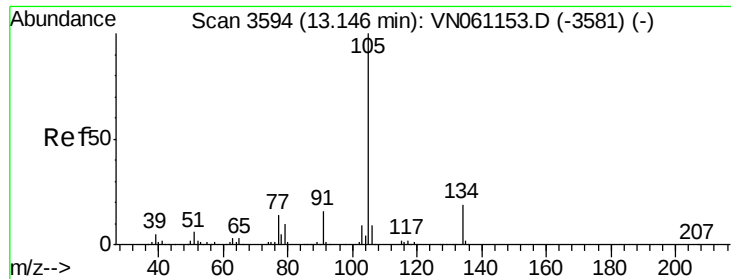
Tot Ion:119 Resp: 70160
 Ion Ratio Lower Upper
 119 100
 91 71.2 34.8 104.4
 134 23.9 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 19.252 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061325.D
 Acq: 7 May 2020 11:40

Tgt Ion:105 Resp: 86911
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 18.659 ug/l

RT: 13.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

Instrument :

MSVOA_N

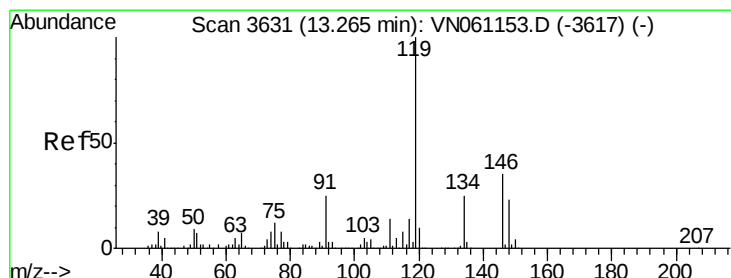
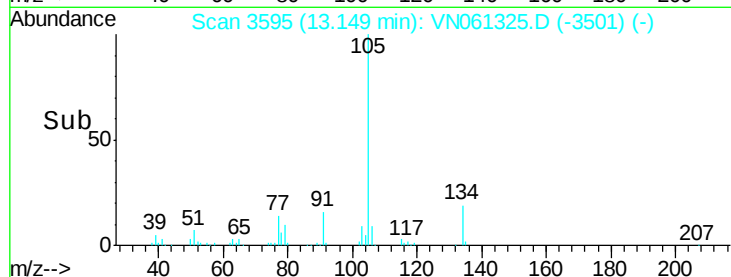
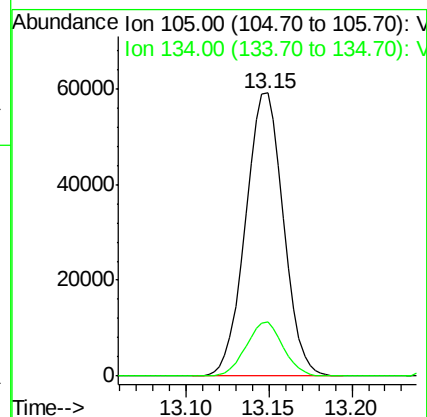
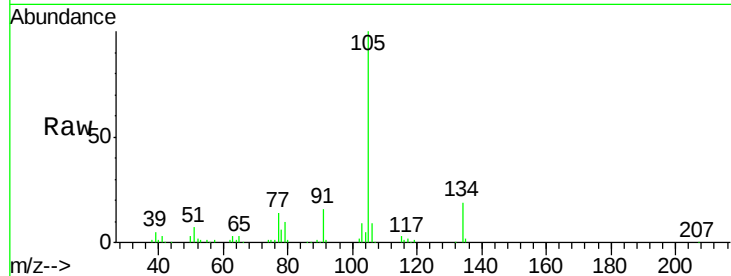
ClientSampled :

Tot Ion:105 Resp: 93991

Ion Ratio Lower Upper

105 100

134 18.8 9.6 28.8



#86

p-Isopropyltoluene

Concen: 18.550 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

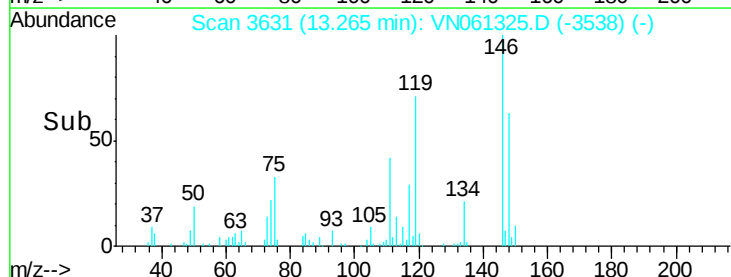
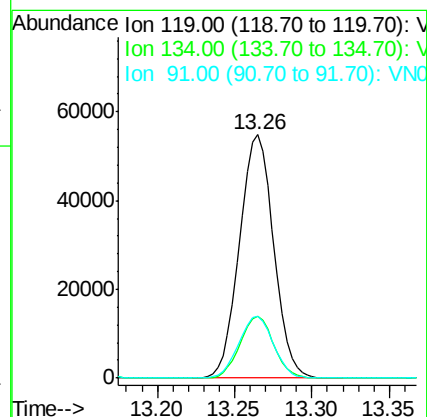
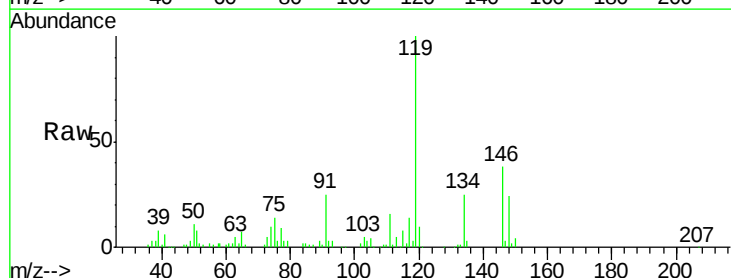
Tgt Ion:119 Resp: 84188

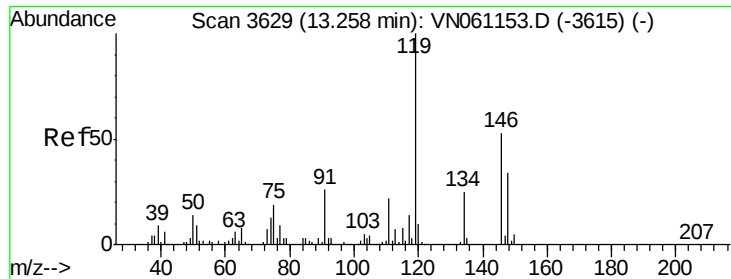
Ion Ratio Lower Upper

119 100

134 24.9 12.6 37.6

91 25.7 12.7 38.0

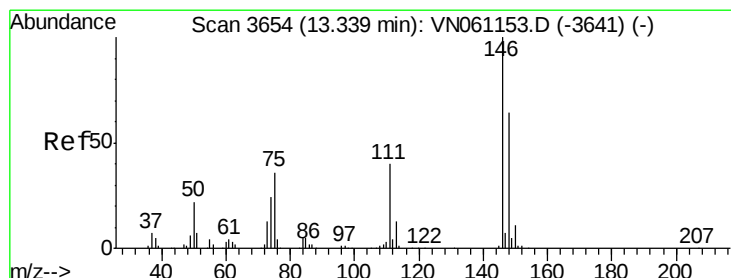
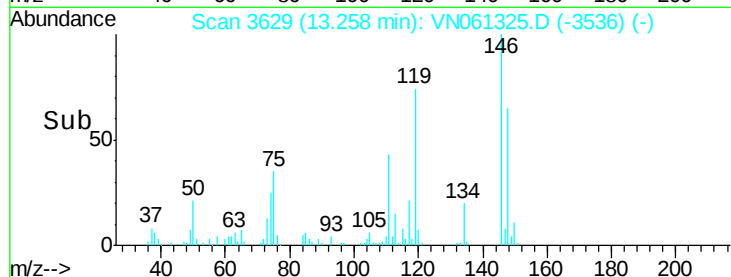
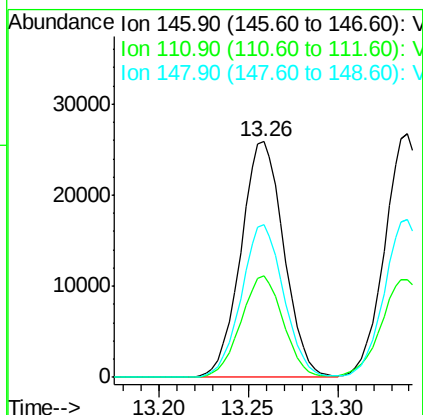
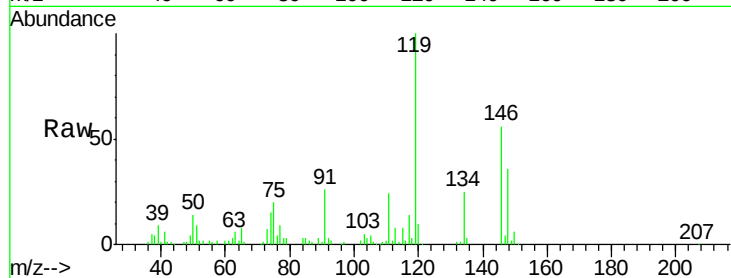




#87
 1,3-Dichlorobenzene
 Concen: 19.354 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061325.D
 Acq: 7 May 2020 11:40

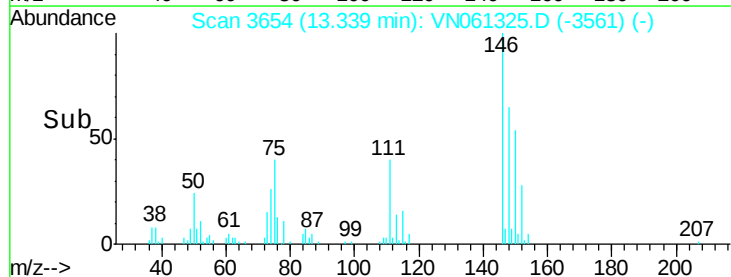
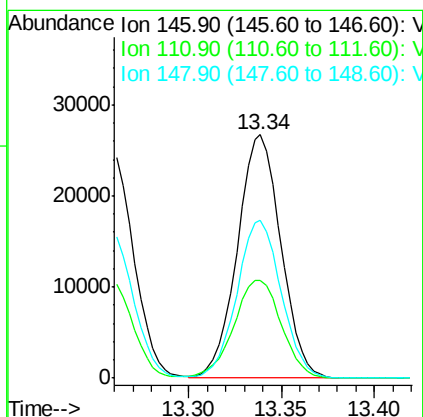
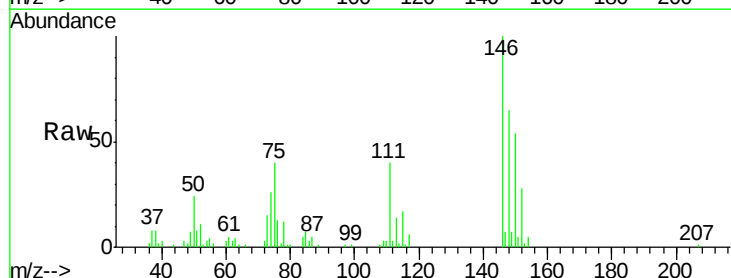
Instrument :
 MSVOA_N
 ClientSampleId :

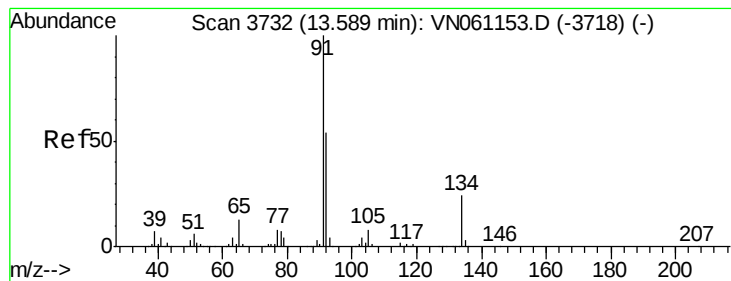
Tot Ion:146 Resp: 43544
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.7 62.1
 148 63.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 18.950 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061325.D
 Acq: 7 May 2020 11:40

Tgt Ion:146 Resp: 43562
 Ion Ratio Lower Upper
 146 100
 111 44.1 20.4 61.3
 148 65.9 31.9 95.7





#89

n-Butylbenzene

Concen: 18.055 ug/l

RT: 13.59 min Scan# 3732

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

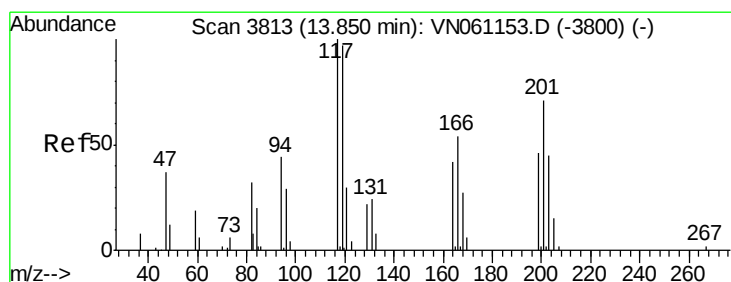
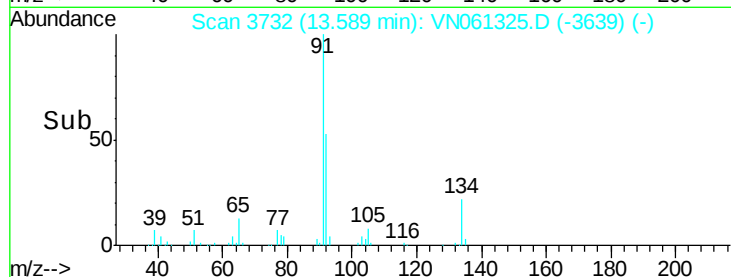
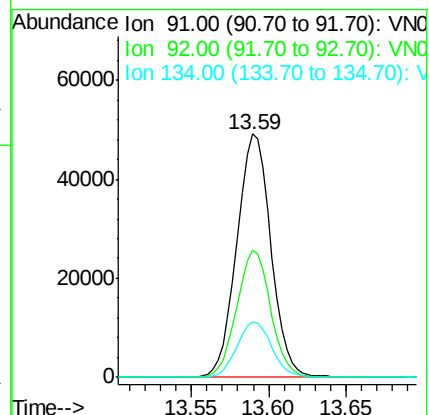
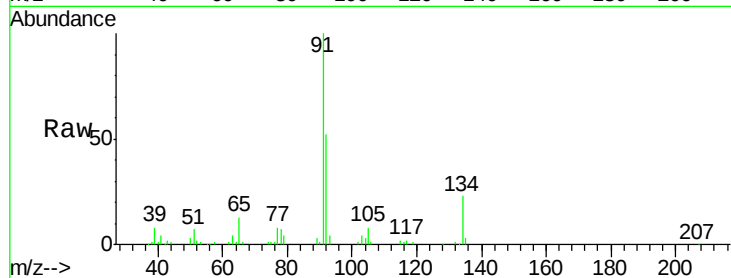
Tot Ion: 91 Resp: 75120

Ion Ratio Lower Upper

91 100

92 51.8 26.8 80.3

134 23.2 11.9 35.5



#90

Hexachloroethane

Concen: 27.164 ug/l

RT: 13.85 min Scan# 3813

Delta R.T. 0.00 min

Lab File: VN061325.D

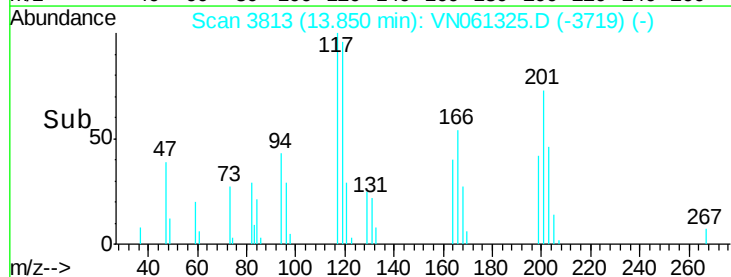
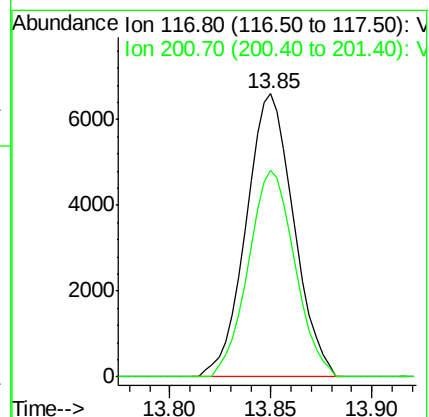
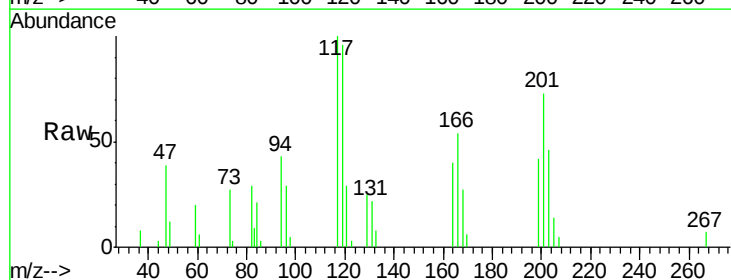
Acq: 7 May 2020 11:40

Tgt Ion: 117 Resp: 10914

Ion Ratio Lower Upper

117 100

201 71.0 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 19.742 ug/l

RT: 13.63 min Scan# 3744

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

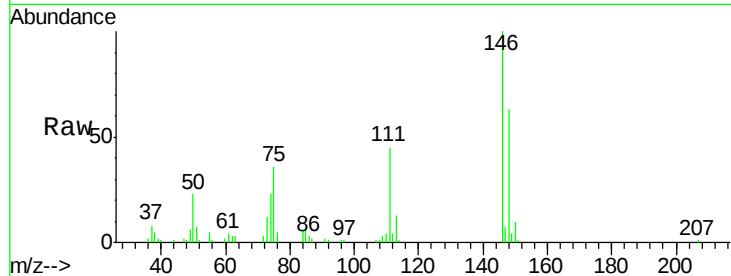
Tot Ion:146 Resp: 42588

Ion Ratio Lower Upper

146 100

111 44.5 21.8 65.3

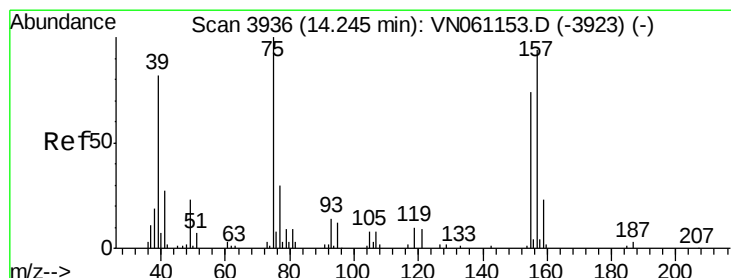
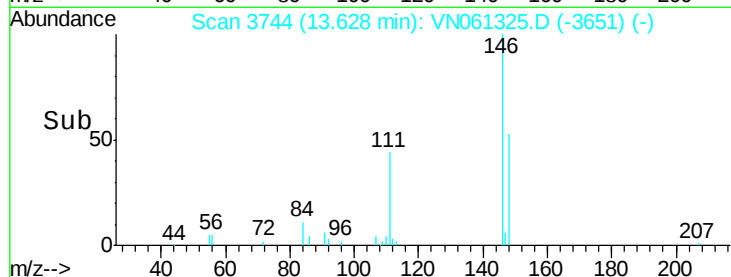
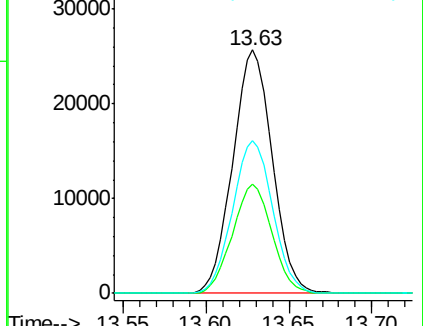
148 63.4 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.435 ug/l

RT: 14.25 min Scan# 3936

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

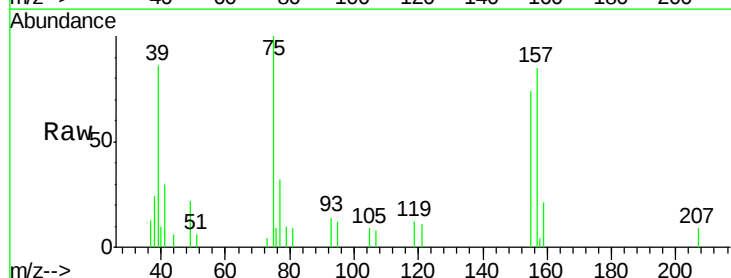
Tgt Ion: 75 Resp: 6776

Ion Ratio Lower Upper

75 100

155 68.9 36.5 109.7

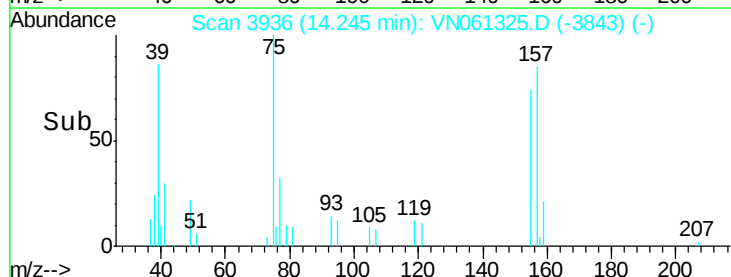
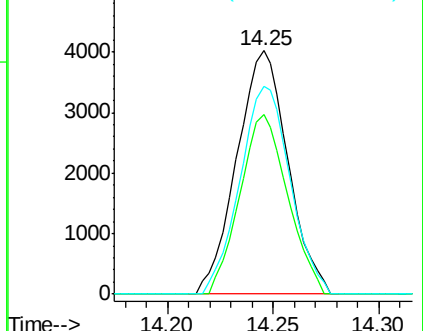
157 84.0 46.6 139.7

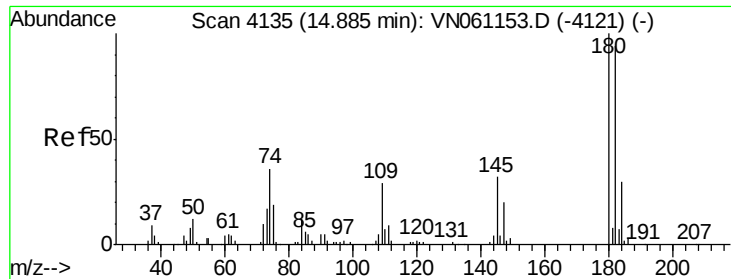


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

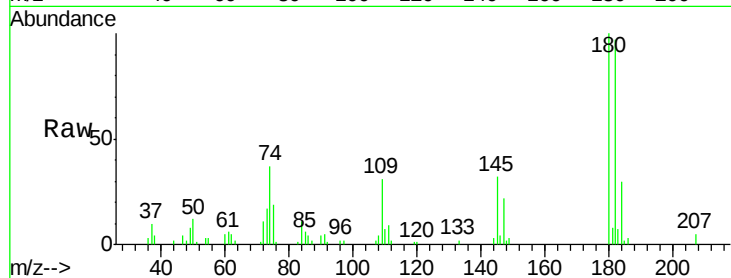




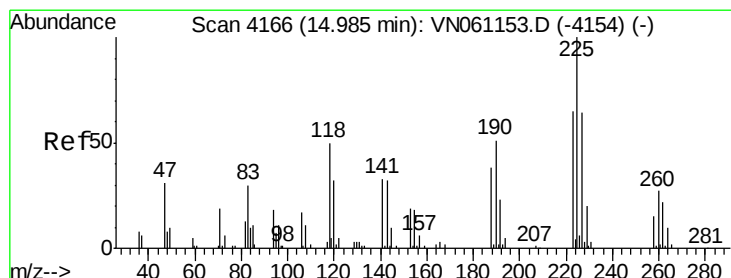
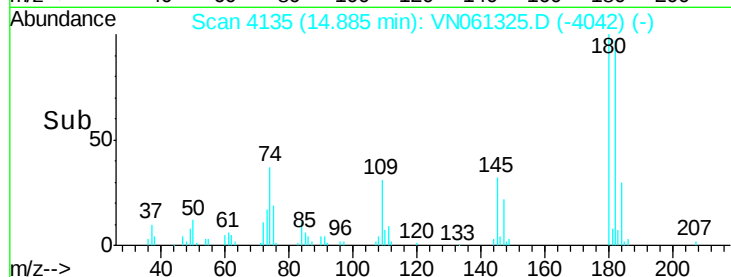
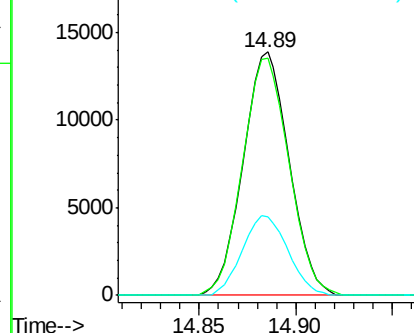
#93
 1,2,4-Trichlorobenzene
 Concen: 17.464 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061325.D
 Acq: 7 May 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.5	47.3	141.9
145	32.4	16.0	47.9

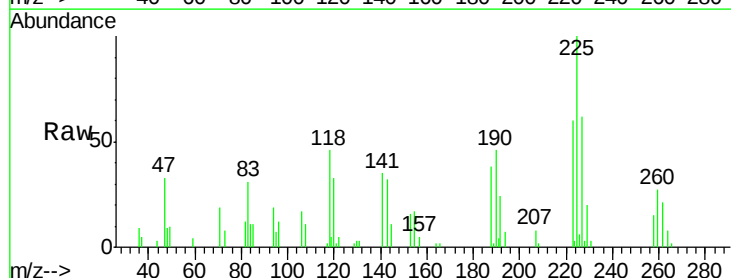


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

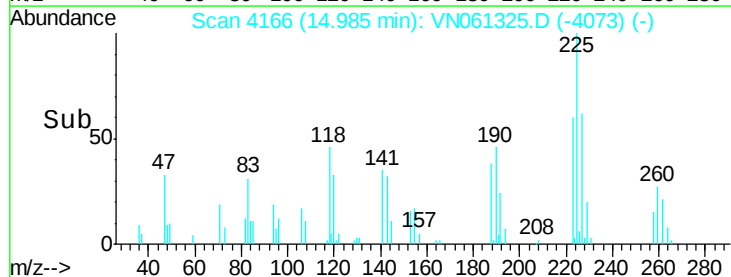
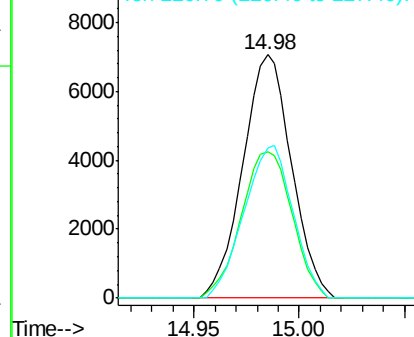


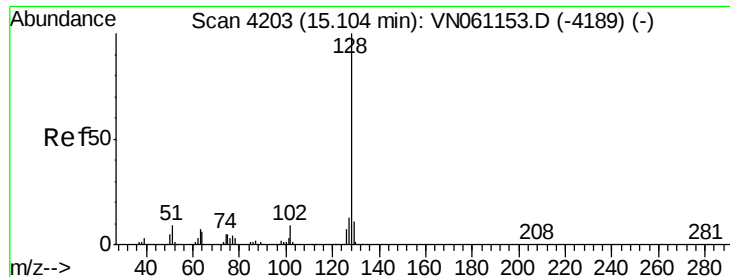
#94
 Hexachlorobutadiene
 Concen: 20.676 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061325.D
 Acq: 7 May 2020 11:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.4	97.0
227	63.0	32.4	97.0



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





#95

Naphthalene

Concen: 16.226 ug/l

RT: 15.11 min Scan# 4204

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

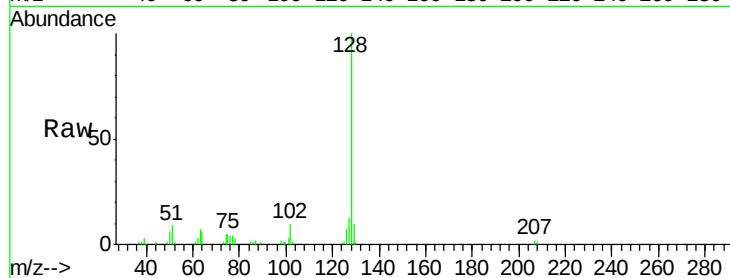
Tot Ion:128 Resp: 69419

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

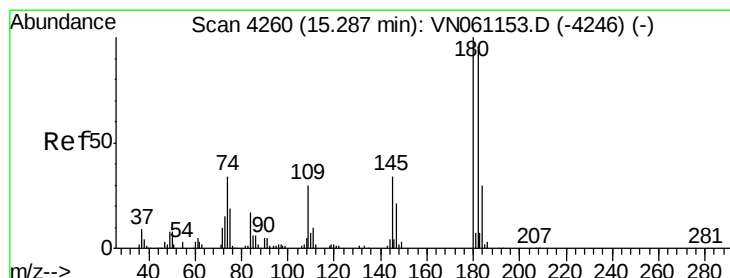
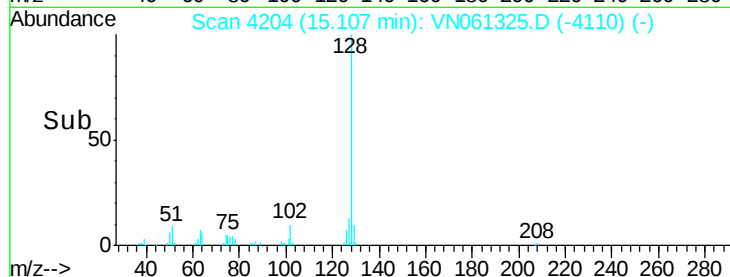
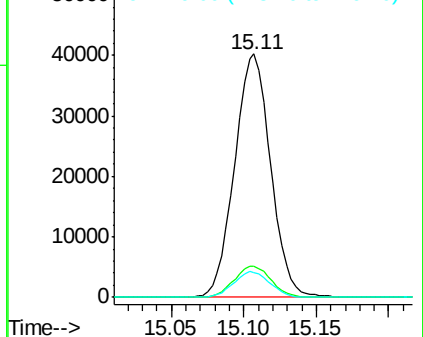
129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.476 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN061325.D

Acq: 7 May 2020 11:40

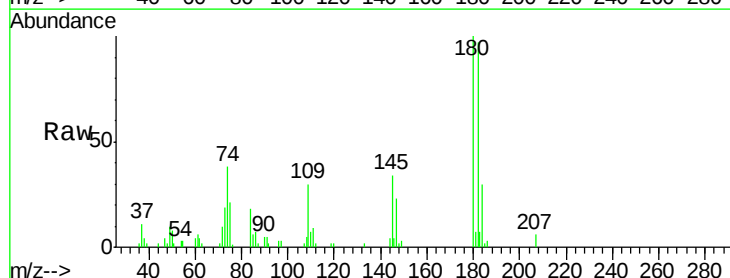
Tgt Ion:180 Resp: 22666

Ion Ratio Lower Upper

180 100

182 96.0 47.5 142.5

145 35.3 16.9 50.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

