

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051120\
 Data File : VN061379.D
 Acq On : 11 May 2020 10:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 12 02:11:52 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	108062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	177134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	167894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82343	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	83470	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	7.54	113	47842	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	
50) Toluene-d8	10.06	98	225906	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
62) 4-Bromofluorobenzene	12.37	95	84893	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	56069	48.930	ug/l	100
3) Chloromethane	2.03	50	75965	54.736	ug/l	99
4) Vinyl Chloride	2.16	62	83687	53.090	ug/l	99
5) Bromomethane	2.53	94	33929	43.544	ug/l	99
6) Chloroethane	2.67	64	50726	50.770	ug/l	100
7) Trichlorofluoromethane	2.98	101	106174	59.701	ug/l	99
8) Diethyl Ether	3.37	74	43038	58.018	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	65136	56.852	ug/l	99
10) Methyl Iodide	3.90	142	60146	40.849	ug/l	99
11) Tert butyl alcohol	4.72	59	57052	249.080	ug/l	100
12) 1,1-Dichloroethene	3.69	96	59269	51.984	ug/l	99
13) Acrolein	3.56	56	31737	207.920	ug/l	95
14) Allyl chloride	4.27	41	130883	61.912	ug/l	96
15) Acrylonitrile	4.92	53	199900	284.302	ug/l	99
16) Acetone	3.77	43	193258	293.199	ug/l	99
17) Carbon Disulfide	4.01	76	117317	37.250	ug/l	99
18) Methyl Acetate	4.27	43	106952	49.558	ug/l	99
19) Methyl tert-butyl Ether	4.98	73	234592	53.847	ug/l	99
20) Methylene Chloride	4.50	84	70841	53.132	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	66391	53.476	ug/l	97
22) Diisopropyl ether	5.90	45	278464	56.803	ug/l	99
23) Vinyl Acetate	5.84	43	1095629	277.571	ug/l	100
24) 1,1-Dichloroethane	5.79	63	141586	55.278	ug/l	99
25) 2-Butanone	6.78	43	283712	280.407	ug/l	100
26) 2,2-Dichloropropane	6.77	77	123424	57.210	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	78540	53.908	ug/l	99
28) Bromochloromethane	7.15	49	65048	53.581	ug/l	96
29) Tetrahydrofuran	7.16	42	183306	268.950	ug/l	99
30) Chloroform	7.33	83	136661	52.650	ug/l	99
31) Cyclohexane	7.61	56	116925	47.006	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	117109	51.812	ug/l	99
36) 1,1-Dichloropropene	7.75	75	100065	56.432	ug/l	99
37) Ethyl Acetate	6.87	43	117134	56.347	ug/l	99
38) Carbon Tetrachloride	7.73	117	92546	56.874	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	101560	51.072	ug/l	97
40) Benzene	8.00	78	298536	56.511	ug/l	99
41) Methacrylonitrile	7.16	41	169431	196.305	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	114301	57.113	ug/l	100
43) Isopropyl Acetate	8.12	43	192437	55.779	ug/l #	92
44) Trichloroethene	8.80	130	74842	52.407	ug/l	99
45) 1,2-Dichloropropane	9.08	63	81539	57.774	ug/l	100
46) Dibromomethane	9.17	93	50714	58.034	ug/l	99
47) Bromodichloromethane	9.37	83	111192	59.282	ug/l	100
48) Methyl methacrylate	9.16	41	88456	56.819	ug/l	100
49) 1,4-Dioxane	9.16	88	17672	1000.022	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	593628	292.327	ug/l	100
52) Toluene	10.12	92	182075	57.221	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	122383	57.907	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	131916	59.040	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	72622	57.219	ug/l	99
56) Ethyl methacrylate	10.40	69	115830	52.243	ug/l	98
57) 1,3-Dichloropropane	10.68	76	129797	58.181	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	298708	290.756	ug/l	99
59) 2-Hexanone	10.72	43	434184	293.889	ug/l	100
60) Dibromochloromethane	10.87	129	78347	58.939	ug/l	97
61) 1,2-Dibromoethane	10.98	107	72398	56.912	ug/l	99
64) Tetrachloroethene	10.60	164	73397	50.474	ug/l	98
65) Chlorobenzene	11.41	112	186054	55.864	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	71178	59.713	ug/l	99
67) Ethyl Benzene	11.48	91	354199	56.812	ug/l	99
68) m/p-Xylenes	11.59	106	260432	114.122	ug/l	98
69) o-Xylene	11.92	106	122497	55.882	ug/l	97
70) Styrene	11.94	104	213501	58.193	ug/l	99
71) Bromoform	12.10	173	53116	60.631	ug/l #	100
73) Isopropylbenzene	12.22	105	338355	55.895	ug/l	100
74) N-amyl acetate	12.04	43	169249	55.214	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	105855	56.081	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	148045	85.279	ug/l #	100
77) Bromobenzene	12.50	156	76962	55.075	ug/l	96
78) n-propylbenzene	12.56	91	406465	56.610	ug/l	100
79) 2-Chlorotoluene	12.65	91	237788	56.345	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	285158	56.916	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	39157	57.280	ug/l	98
82) 4-Chlorotoluene	12.75	91	255176	57.369	ug/l	99
83) tert-Butylbenzene	12.97	119	232582	55.054	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	289555	56.095	ug/l	99
85) sec-Butylbenzene	13.15	105	317798	55.176	ug/l	100
86) p-Isopropyltoluene	13.26	119	287416	55.385	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	145464	56.546	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	146593	55.772	ug/l	100
89) n-Butylbenzene	13.59	91	266989	56.121	ug/l	99
90) Hexachloroethane	13.85	117	38650	68.139	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	138496	56.148	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	21027	52.746	ug/l	99

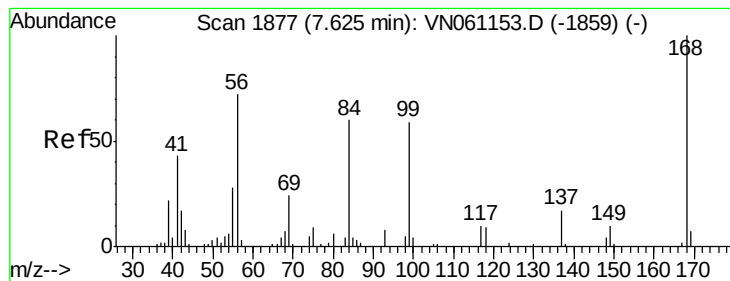
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	81069	53.973	ug/l	100
94) Hexachlorobutadiene	14.98	225	36494	58.157	ug/l	99
95) Naphthalene	15.10	128	252160	51.549	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	78900	53.204	ug/l	100

(#) = 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: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

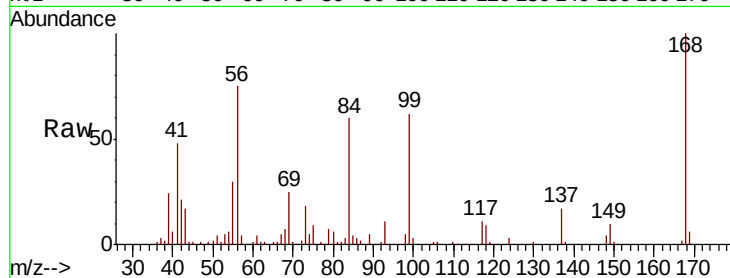
ClientSampled :

Tot Ion:168 Resp: 108062

Ion Ratio Lower Upper

168 100

99 62.4 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

40000

30000

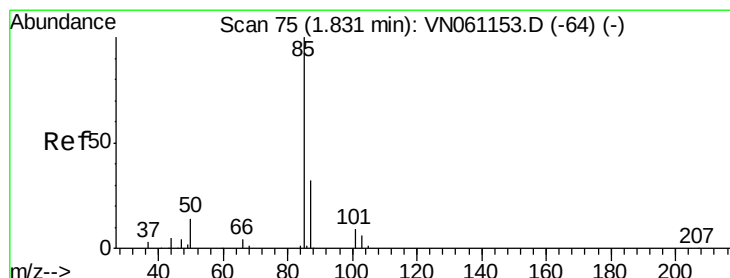
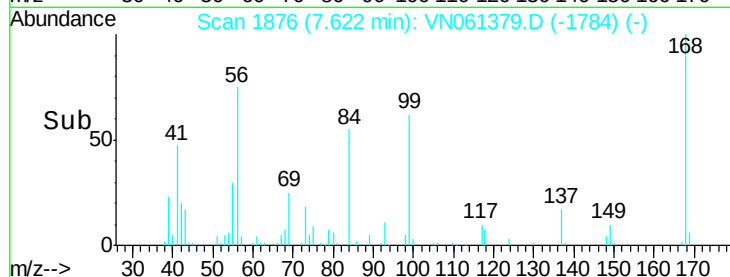
20000

10000

0

Time-->

7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 48.930 ug/l

RT: 1.83 min Scan# 74

Delta R.T. -0.00 min

Lab File: VN061379.D

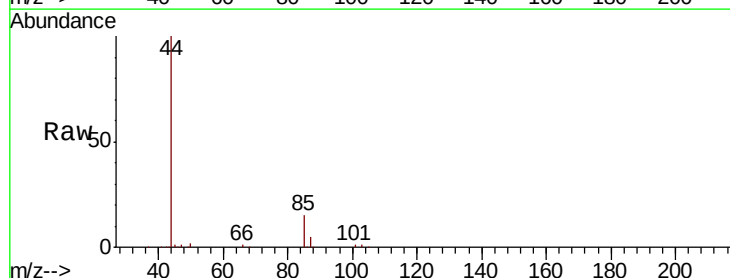
Acq: 11 May 2020 10:26

Tgt Ion: 85 Resp: 56069

Ion Ratio Lower Upper

85 100

87 32.1 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

40000

30000

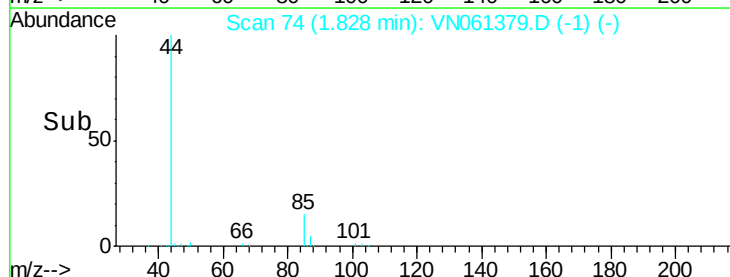
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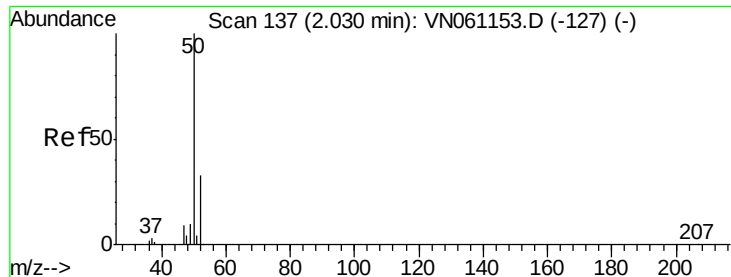
10000

0

Time-->

1.80 1.85 1.90





#3

Chloromethane

Concen: 54.736 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

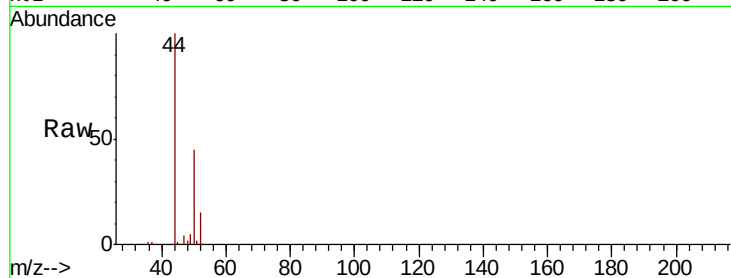
ClientSampleId :

Tot Ion: 50 Resp: 75965

Ion Ratio Lower Upper

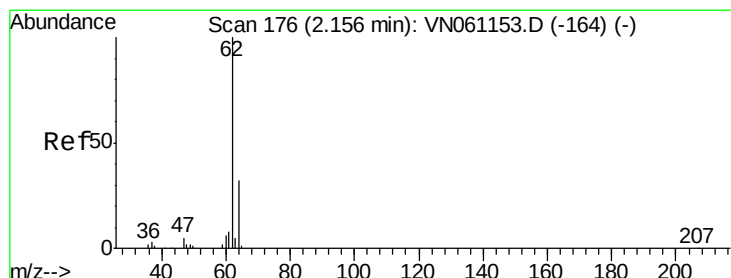
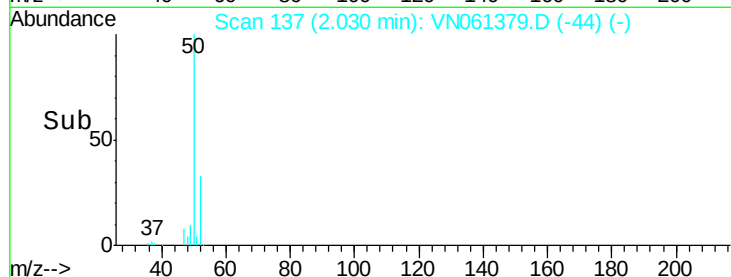
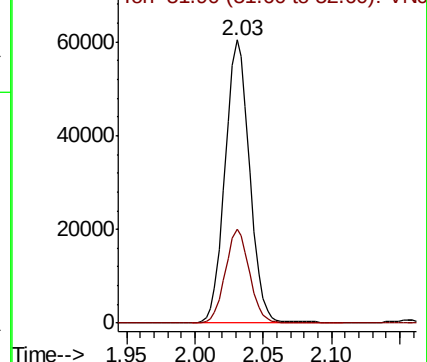
50 100

52 33.0 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 53.090 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061379.D

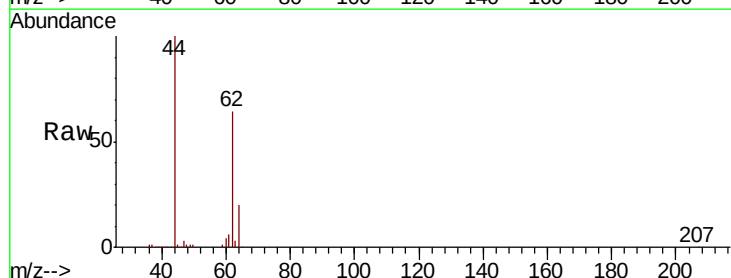
Acq: 11 May 2020 10:26

Tgt Ion: 62 Resp: 83687

Ion Ratio Lower Upper

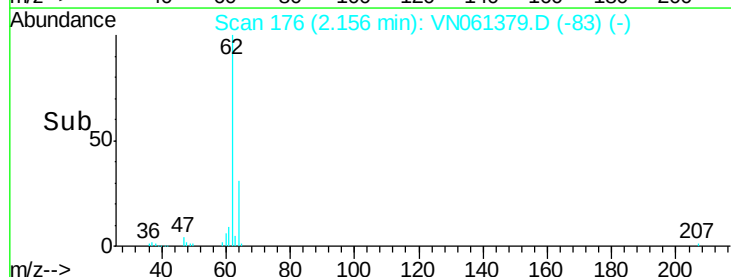
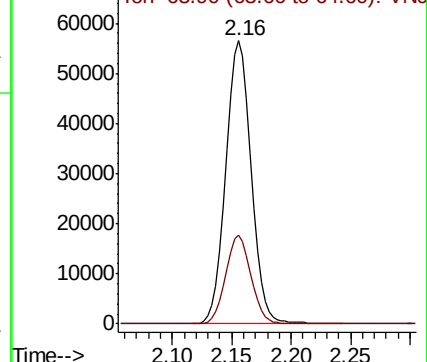
62 100

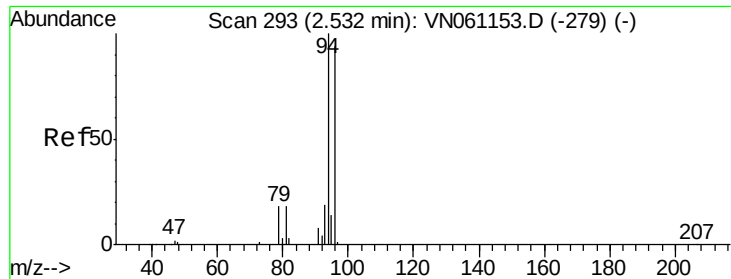
64 31.2 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 43.544 ug/l

RT: 2.53 min Scan# 291

Delta R.T. -0.01 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

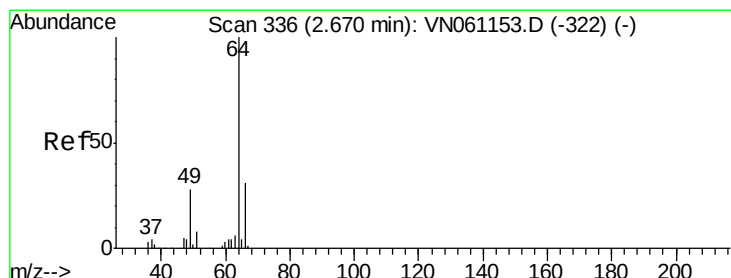
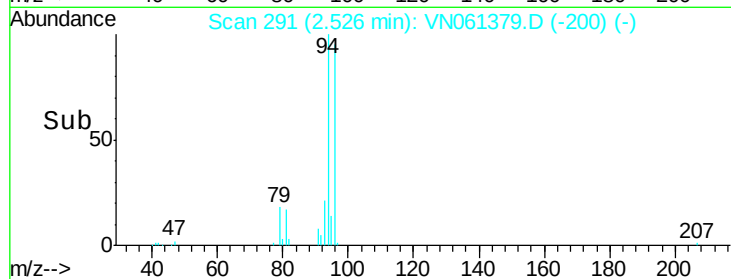
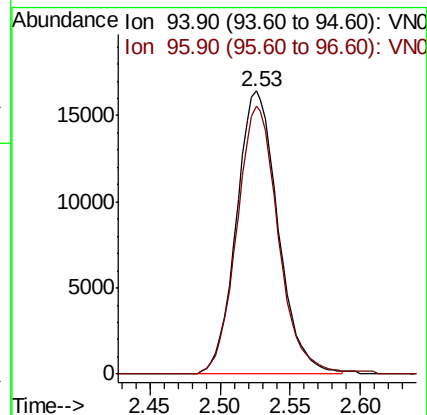
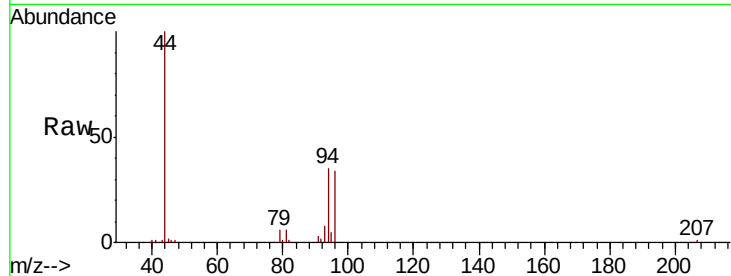
ClientSampleId :

Tot Ion: 94 Resp: 33929

Ion Ratio Lower Upper

94 100

96 94.6 75.1 112.7



#6

Chloroethane

Concen: 50.770 ug/l

RT: 2.67 min Scan# 335

Delta R.T. -0.00 min

Lab File: VN061379.D

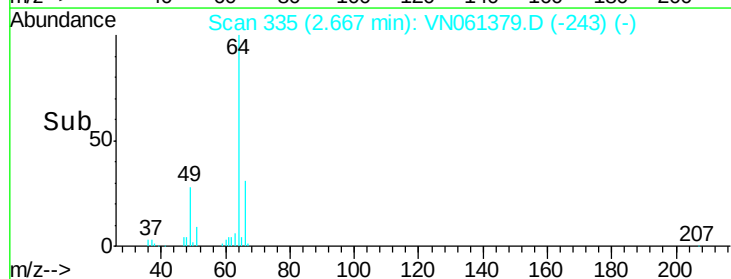
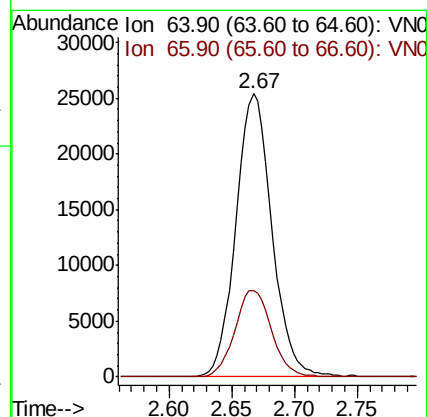
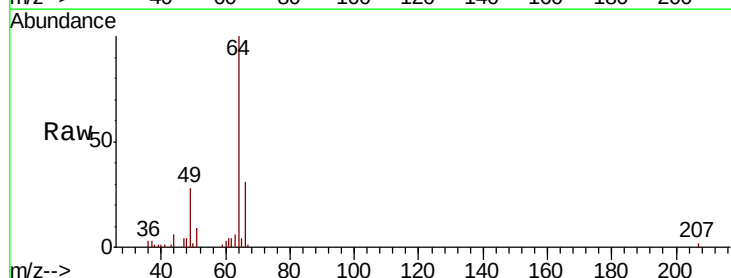
Acq: 11 May 2020 10:26

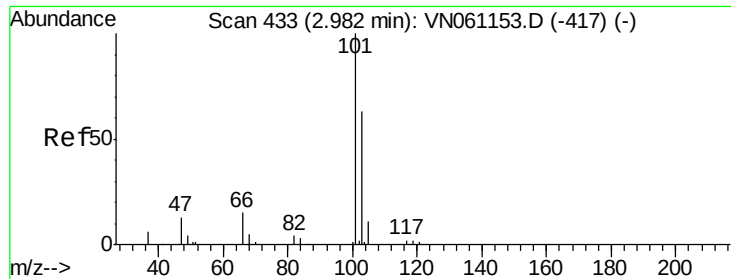
Tgt Ion: 64 Resp: 50726

Ion Ratio Lower Upper

64 100

66 30.7 24.6 36.8



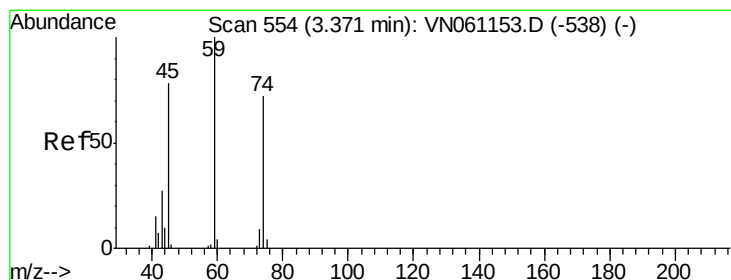
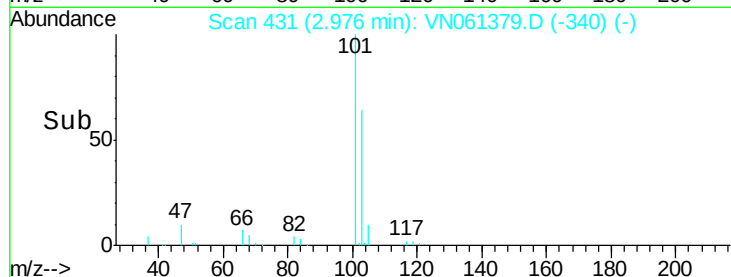
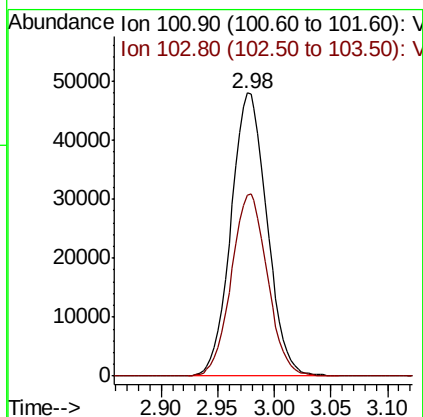
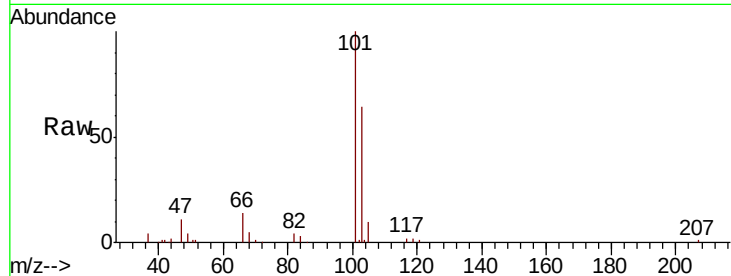


#7

Trichlorofluoromethane
 Concen: 59.701 ug/l
 RT: 2.98 min Scan# 431
 Delta R.T. -0.01 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Instrument :
 MSVOA_N
 ClientSampleId :

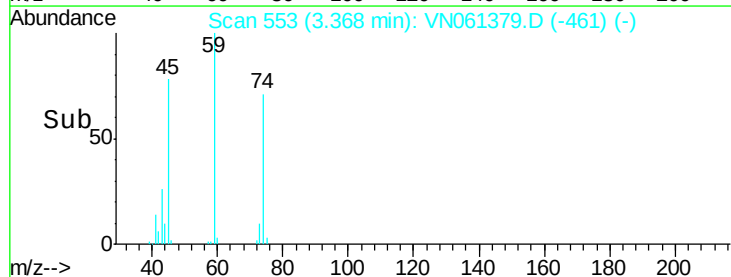
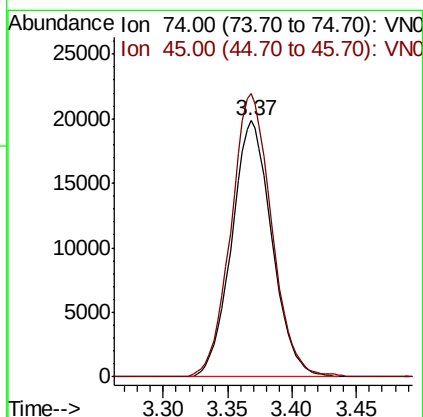
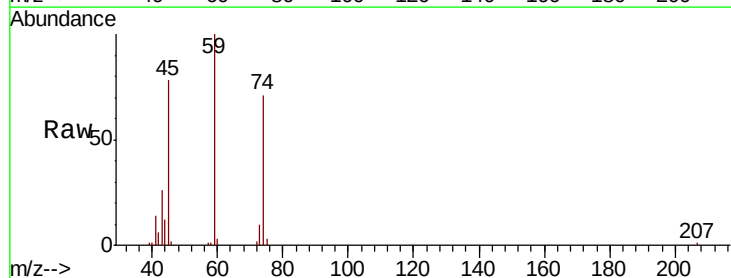
Tot Ion:101 Resp: 106174
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.6 76.0

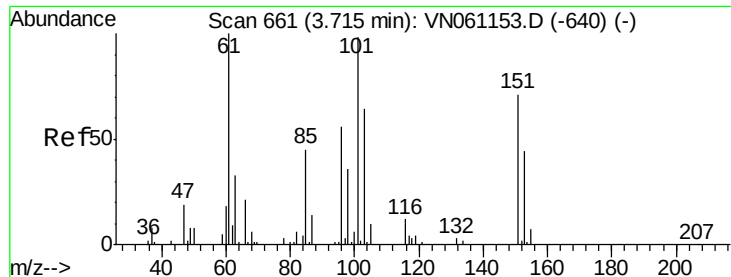


#8

Diethyl Ether
 Concen: 58.018 ug/l
 RT: 3.37 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion: 74 Resp: 43038
 Ion Ratio Lower Upper
 74 100
 45 112.1 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.852 ug/l

RT: 3.71 min Scan# 660

Delta R.T. -0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

ClientSampled :

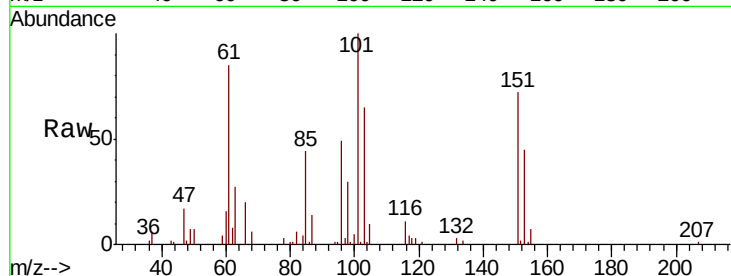
Tot Ion:101 Resp: 65136

Ion Ratio Lower Upper

101 100

85 45.7 37.2 55.8

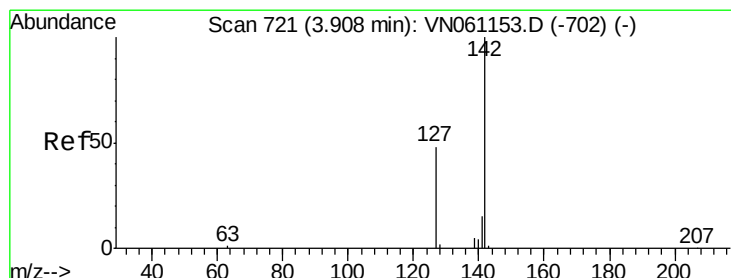
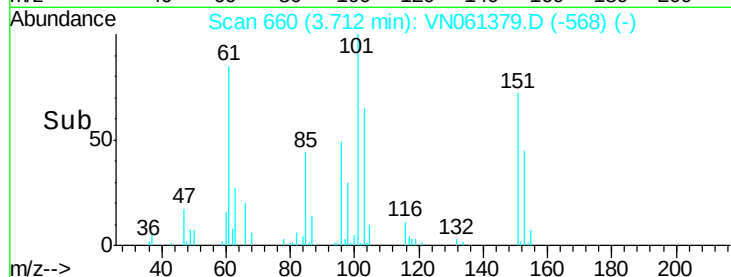
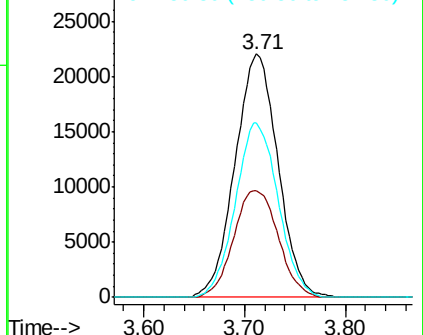
151 71.2 57.7 86.5



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: 40.849 ug/l

RT: 3.90 min Scan# 719

Delta R.T. -0.01 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

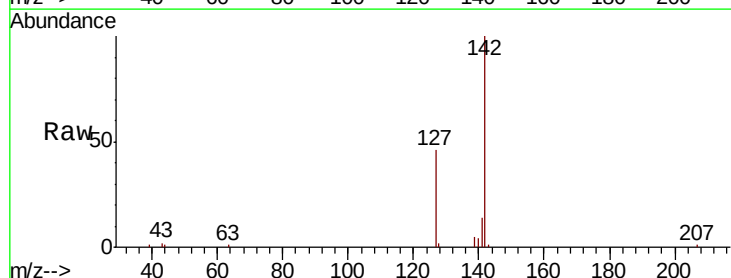
Tgt Ion:142 Resp: 60146

Ion Ratio Lower Upper

142 100

127 46.2 38.0 57.0

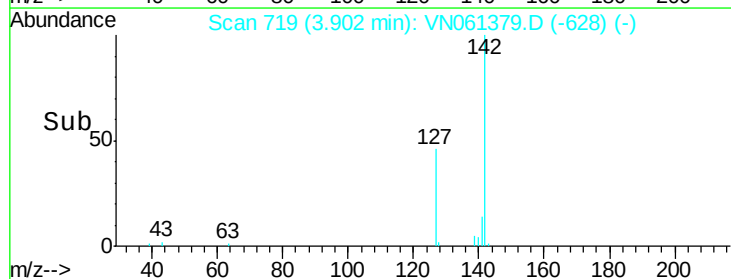
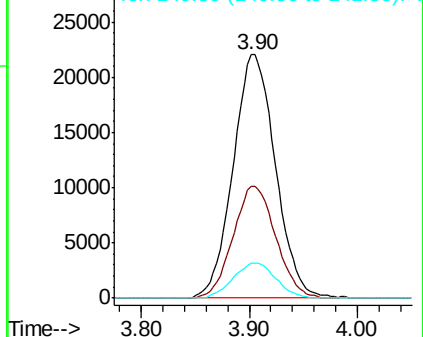
141 14.5 11.7 17.5

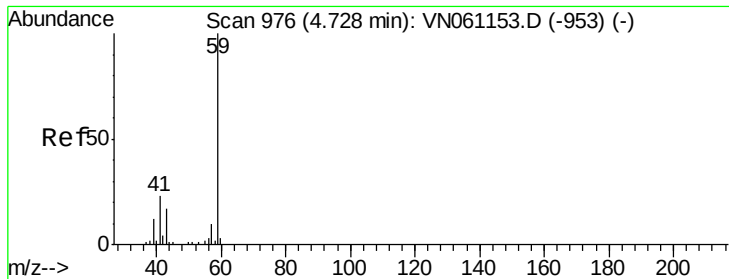


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



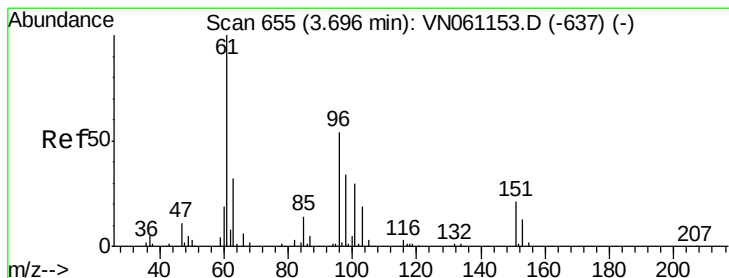
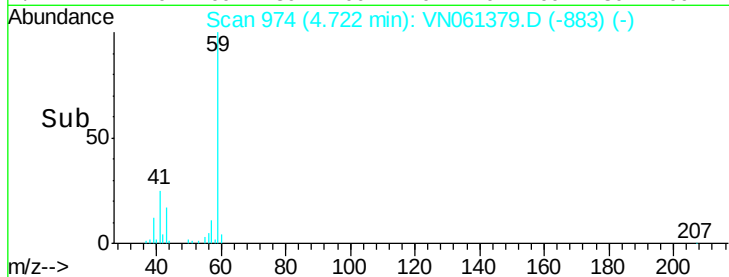
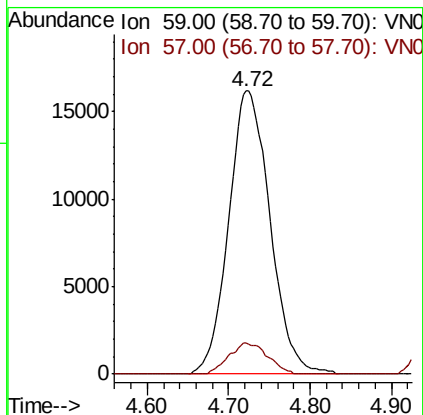
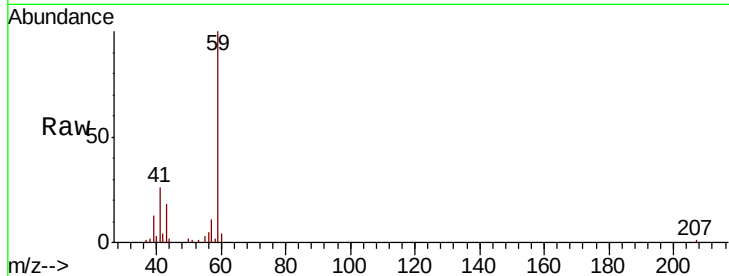


#11

Tert butyl alcohol
Concen: 249.080 ug/l
RT: 4.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampleId :

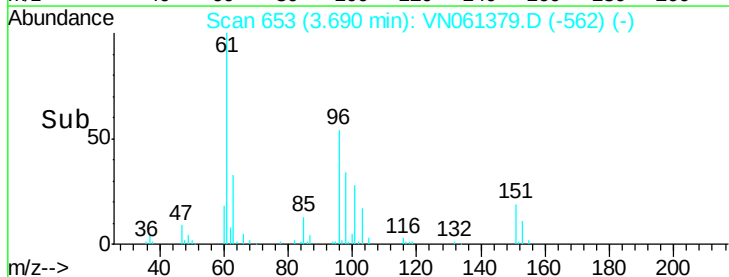
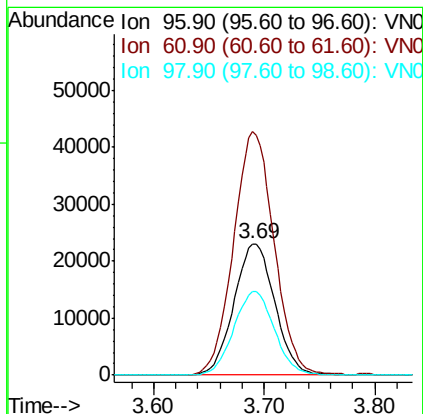
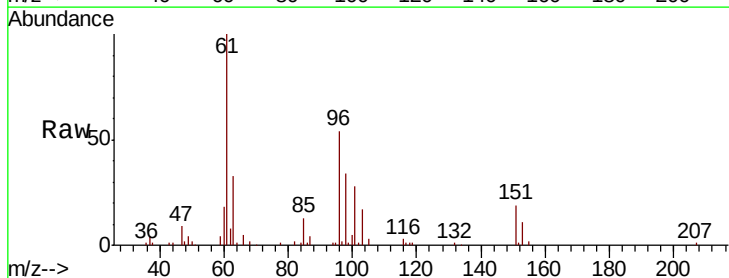
Tot Ion: 59 Resp: 57052
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

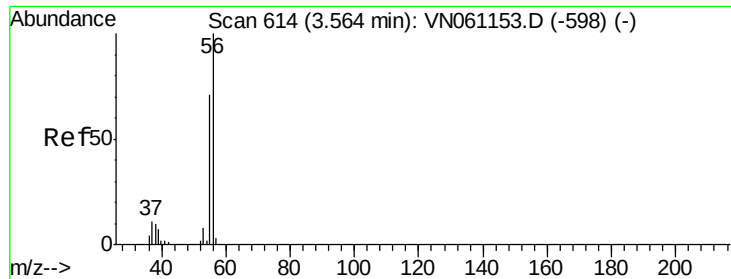


#12

1,1-Dichloroethene
Concen: 51.984 ug/l
RT: 3.69 min Scan# 653
Delta R.T. -0.01 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion: 96 Resp: 59269
Ion Ratio Lower Upper
96 100
61 185.4 147.0 220.6
98 63.3 49.8 74.6





#13

Acrolein

Concen: 207.920 ug/l

RT: 3.56 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

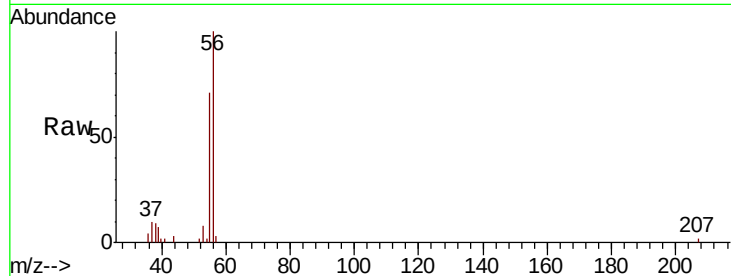
ClientSampled :

Tot Ion: 56 Resp: 31737

Ion Ratio Lower Upper

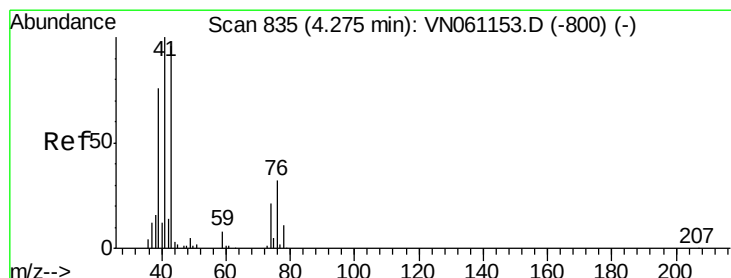
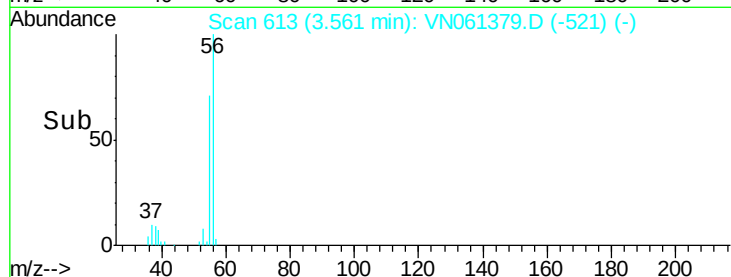
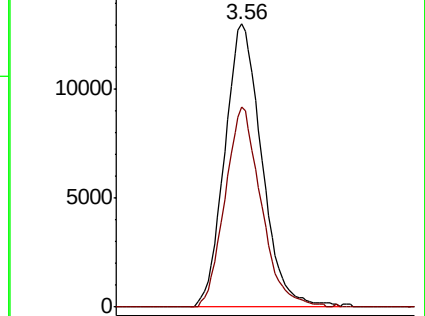
56 100

55 68.6 58.5 87.7



Abundance Ion 56.00 (55.70 to 56.70): VN061379.D (-521) (-)

Ion 55.00 (54.70 to 55.70): VN061379.D (-521) (-)



#14

Allyl chloride

Concen: 61.912 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

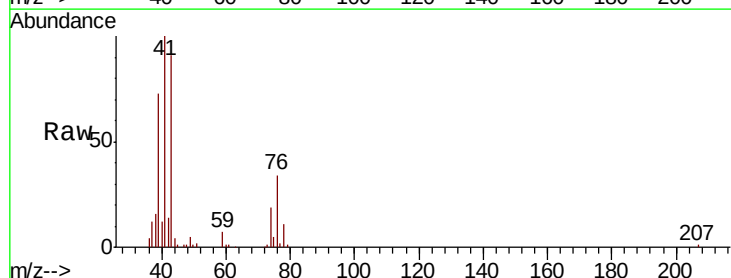
Tgt Ion: 41 Resp: 130883

Ion Ratio Lower Upper

41 100

39 67.8 57.1 85.7

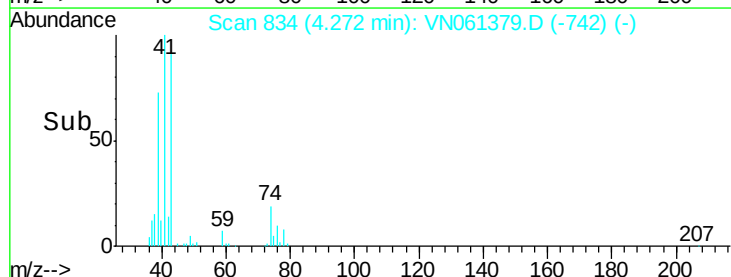
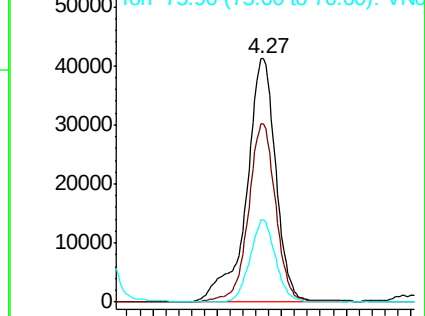
76 29.2 24.3 36.5

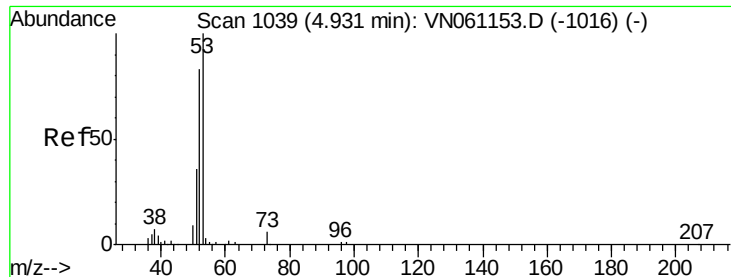


Abundance Ion 41.00 (40.70 to 41.70): VN061379.D (-742) (-)

Ion 39.00 (38.70 to 39.70): VN061379.D (-742) (-)

Ion 75.90 (75.60 to 76.60): VN061379.D (-742) (-)

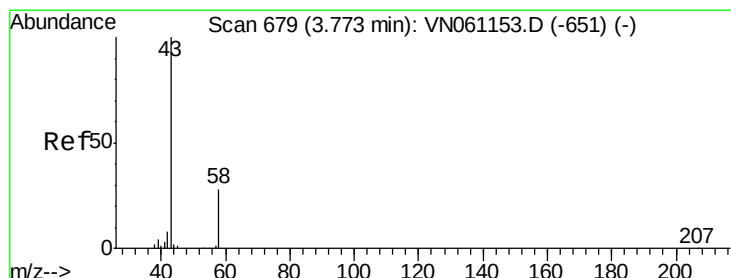
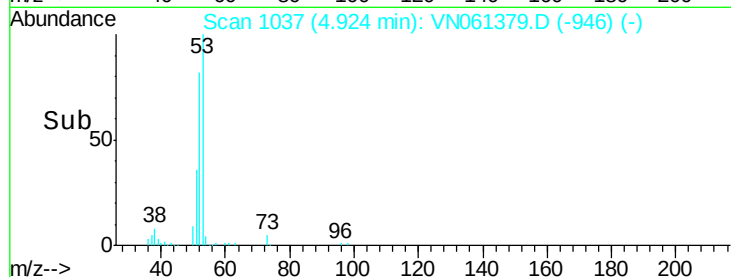
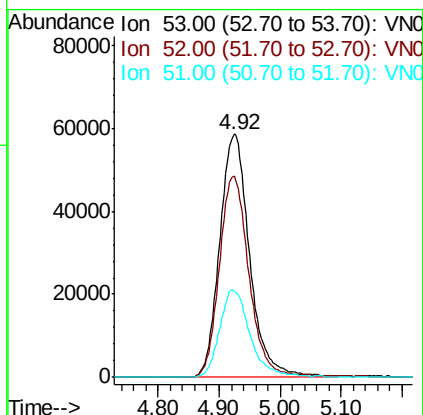
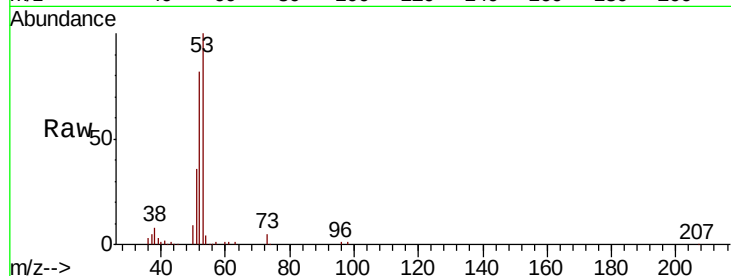




#15
 Acrylonitrile
 Concen: 284.302 ug/l
 RT: 4.92 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

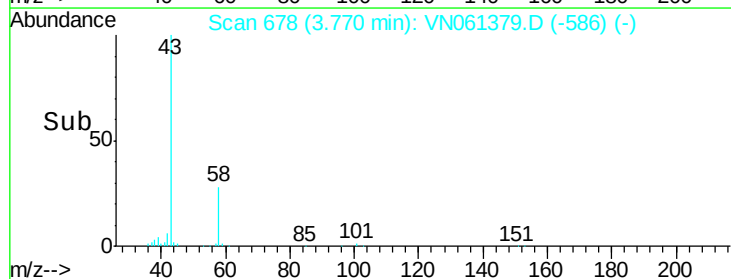
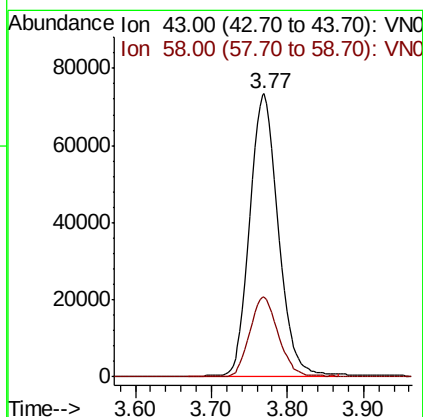
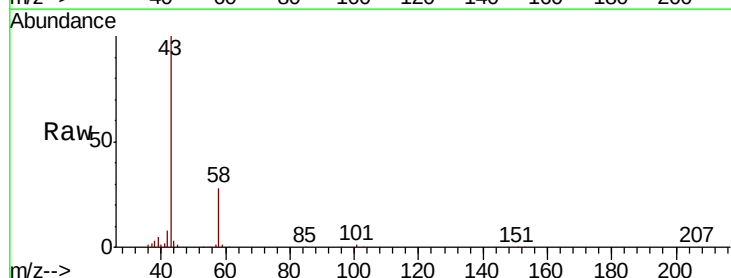
Instrument :
 MSVOA_N
 ClientSampleId :

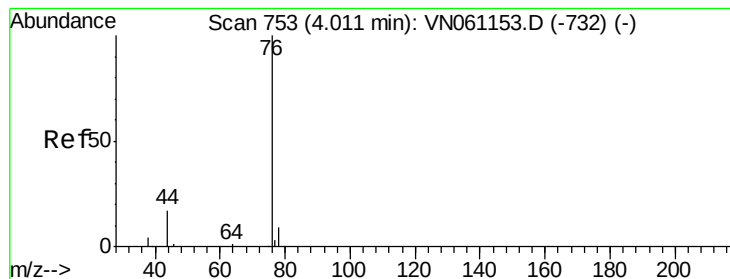
Tot Ion	53	Resp	199900
Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.4	98.0
51	36.6	29.5	44.3



#16
 Acetone
 Concen: 293.199 ug/l
 RT: 3.77 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion	43	Resp	193258
Ion	Ratio	Lower	Upper
43	100		
58	28.2	22.2	33.2





#17

Carbon Disulfide

Concen: 37.250 ug/l

RT: 4.01 min Scan# 752

Delta R.T. -0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

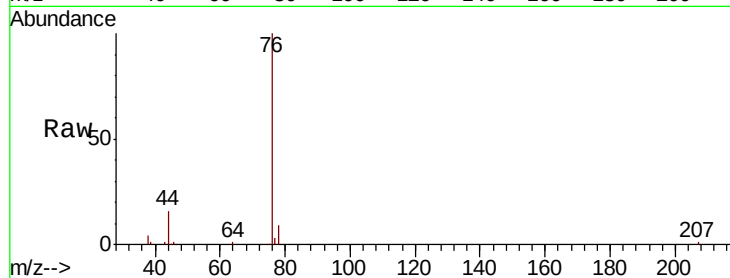
ClientSampleId :

Tot Ion: 76 Resp: 117317

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN061153.D (-732) (-)

Ion 77.90 (77.60 to 78.60): VN061153.D (-732) (-)

4.01

50000

40000

30000

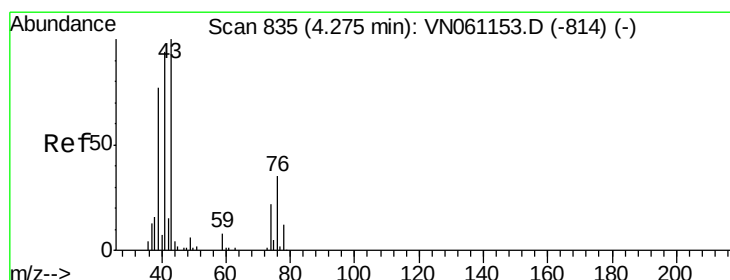
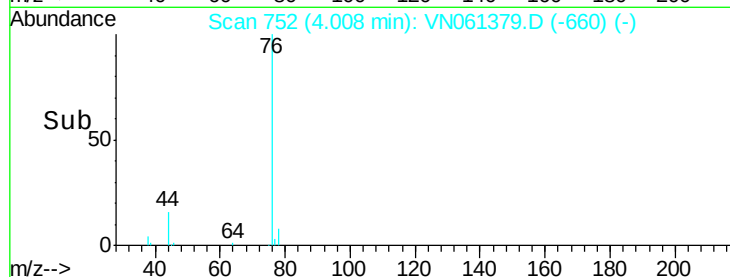
20000

10000

0

Time-->

3.90 4.00 4.10



#18

Methyl Acetate

Concen: 49.558 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061379.D

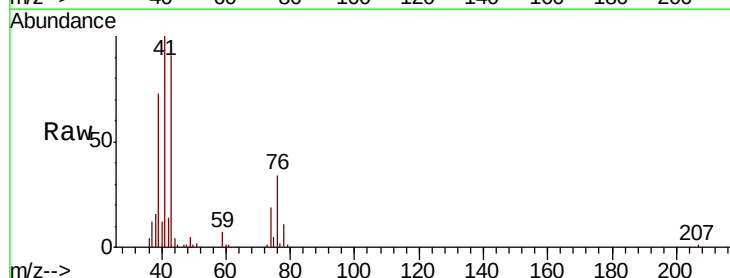
Acq: 11 May 2020 10:26

Tgt Ion: 43 Resp: 106952

Ion Ratio Lower Upper

43 100

74 20.9 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-814) (-)

Ion 74.00 (73.70 to 74.70): VN061153.D (-814) (-)

4.27

40000

30000

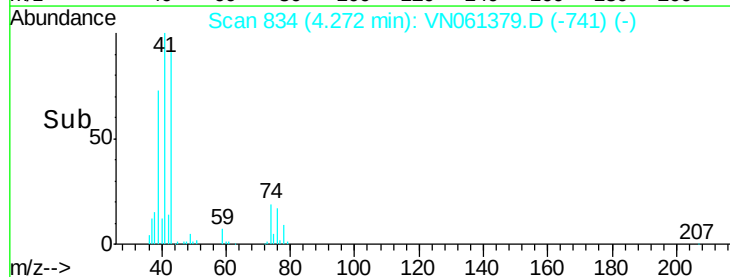
20000

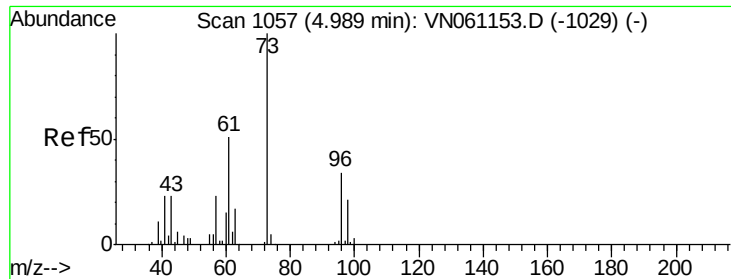
10000

0

Time-->

4.20 4.30 4.40

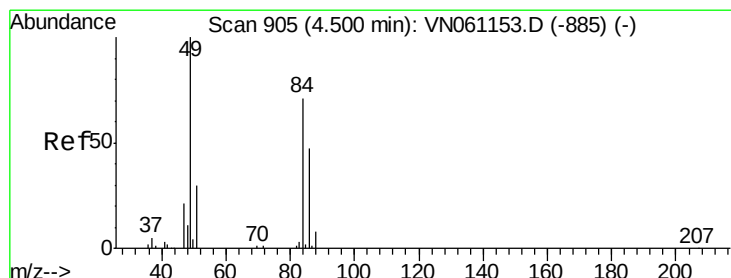
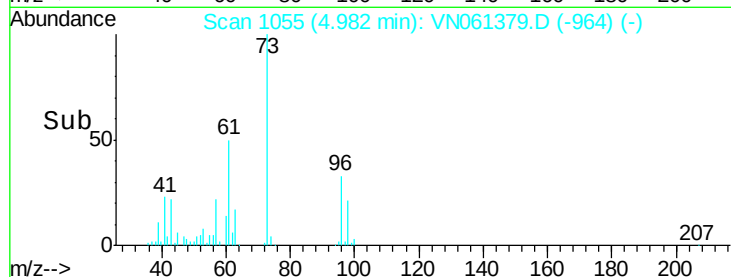
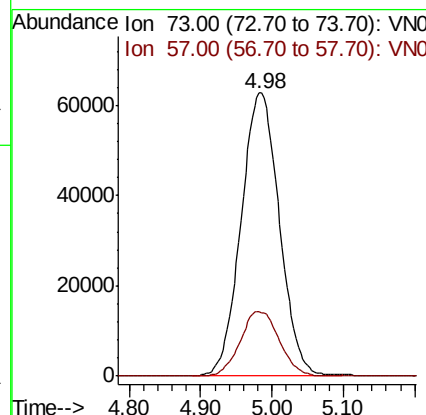
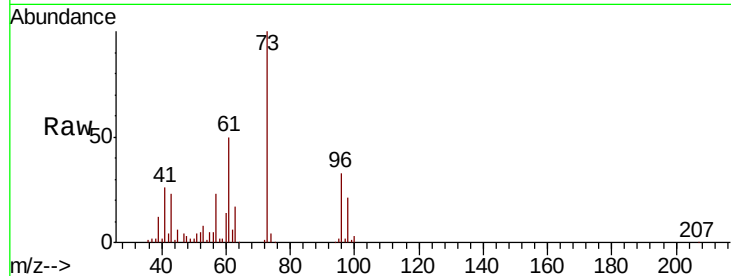




#19
Methvl tert-butyl Ether
Concen: 53.847 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

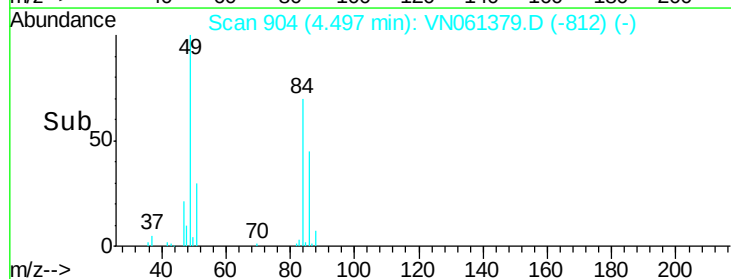
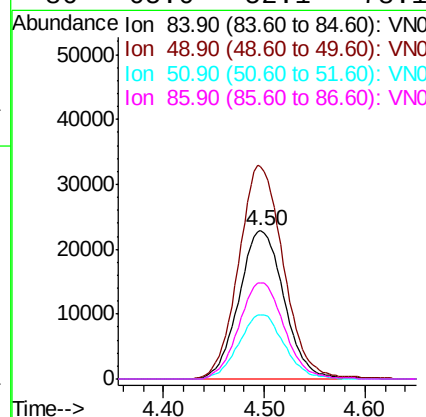
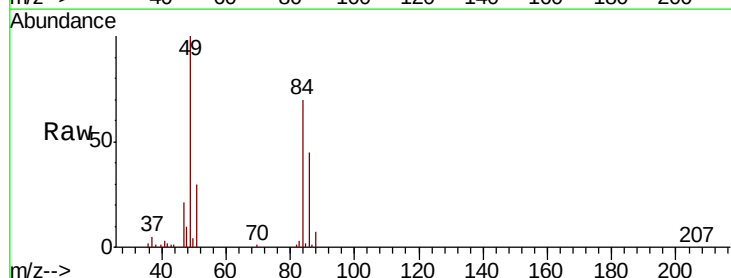
Instrument :
MSVOA_N
ClientSampleId :

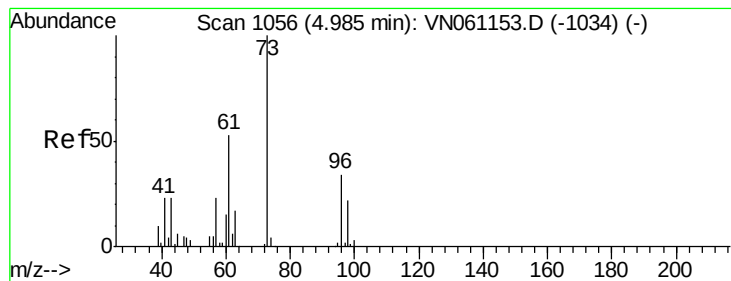
Tot Ion: 73 Resp: 234592
Ion Ratio Lower Upper
73 100
57 22.6 18.3 27.5



#20
Methylene Chloride
Concen: 53.132 ug/l
RT: 4.50 min Scan# 904
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion: 84 Resp: 70841
Ion Ratio Lower Upper
84 100
49 143.5 112.0 168.0
51 43.3 33.6 50.4
86 65.0 52.1 78.1



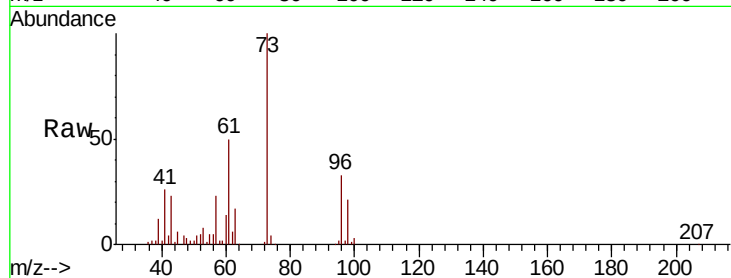


#21

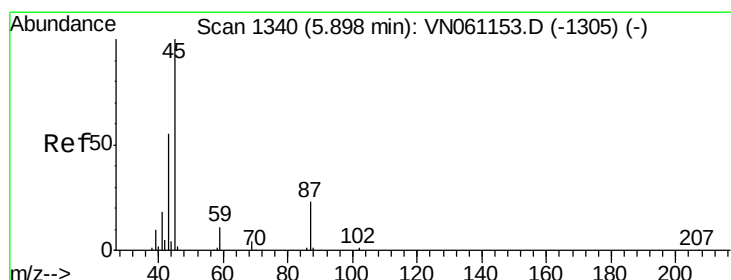
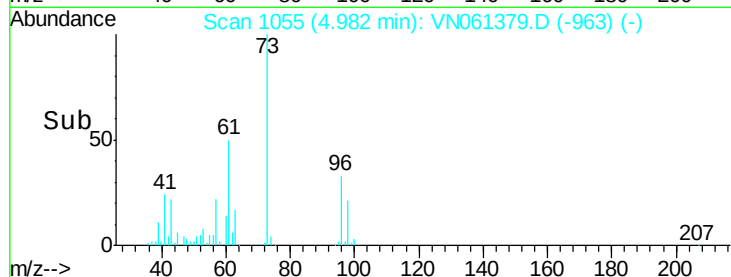
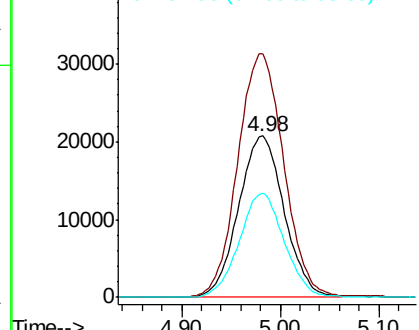
trans-1,2-Dichloroethene
Concen: 53.476 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 66391
Ion Ratio Lower Upper
96 100
61 150.3 123.0 184.4
98 64.8 50.1 75.1



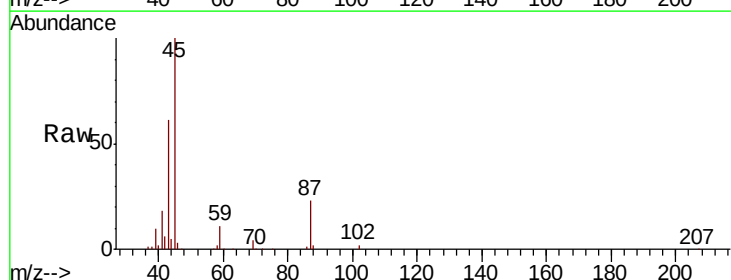
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



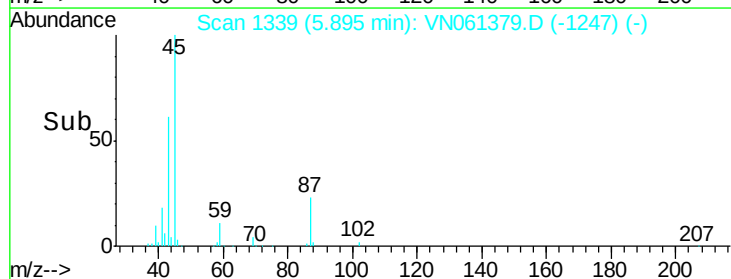
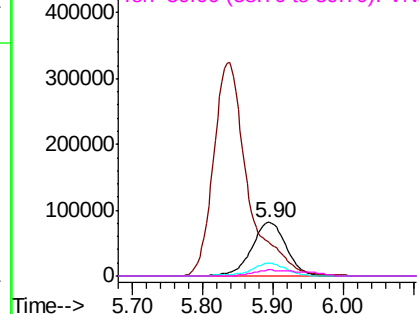
#22

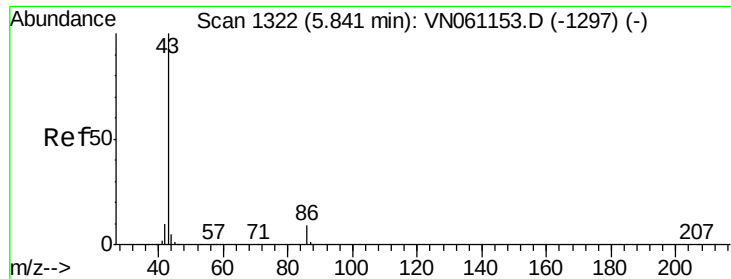
Diisopropyl ether
Concen: 56.803 ug/l
RT: 5.90 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion: 45 Resp: 278464
Ion Ratio Lower Upper
45 100
43 59.7 47.9 71.9
87 23.4 19.2 28.8
59 10.7 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: 277.571 ug/l

RT: 5.84 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

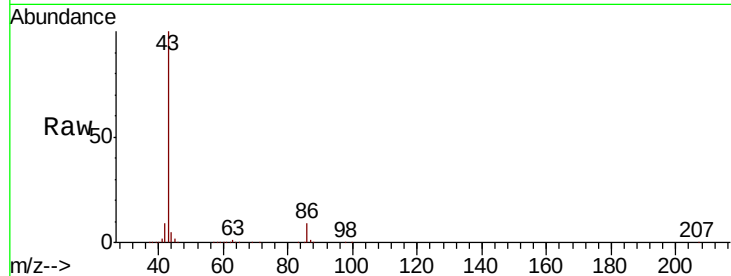
ClientSampleId :

Tot Ion: 43 Resp: 1095629

Ion Ratio Lower Upper

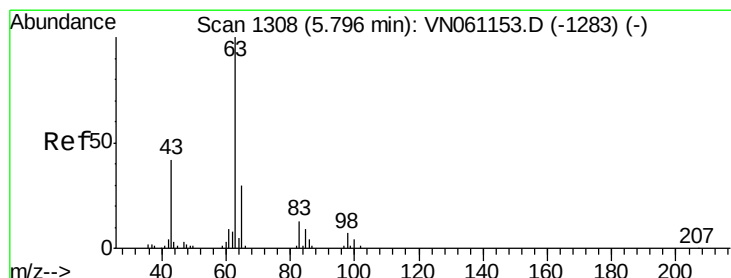
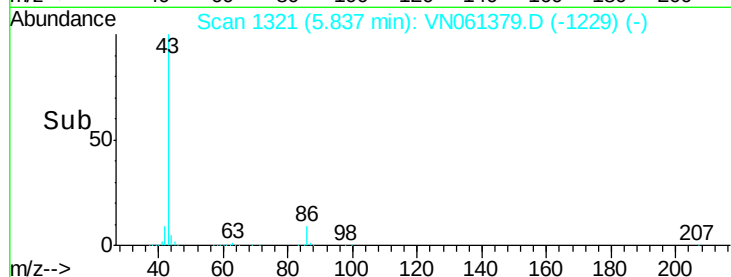
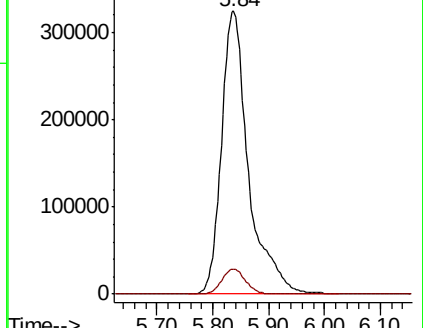
43 100

86 8.9 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-1297) (-)

Ion 86.00 (85.70 to 86.70): VN061153.D (-1297) (-)



#24

1,1-Dichloroethane

Concen: 55.278 ug/l

RT: 5.79 min Scan# 1307

Delta R.T. -0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

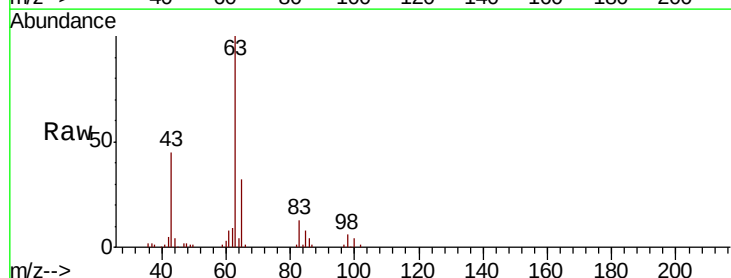
Tgt Ion: 63 Resp: 141586

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.9

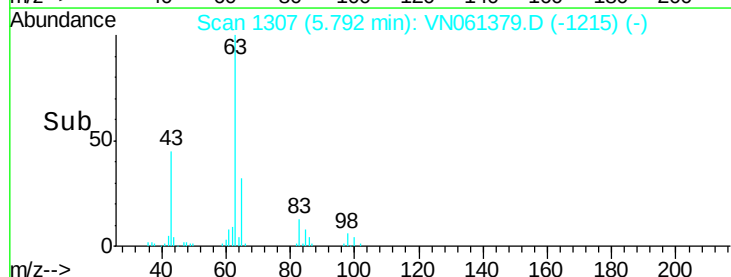
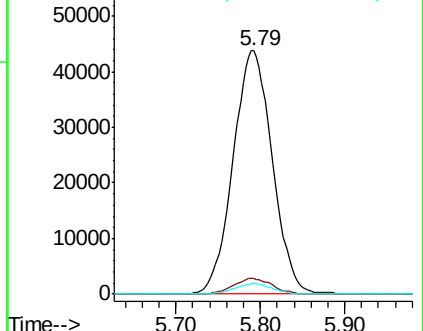
100 4.3 1.9 5.7

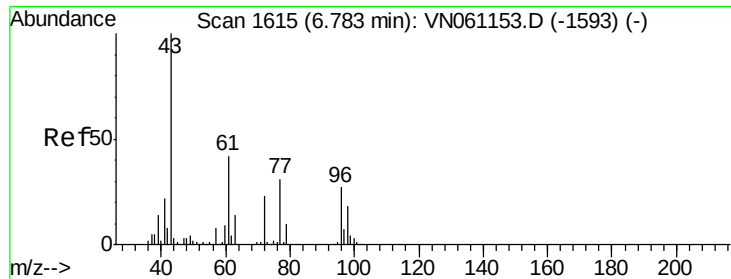


Abundance Ion 62.90 (62.60 to 63.60): VN061153.D (-1283) (-)

Ion 97.90 (97.60 to 98.60): VN061153.D (-1283) (-)

Ion 99.90 (99.60 to 100.60): VN061153.D (-1283) (-)





#25

2-Butanone

Concen: 280.407 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. -0.01 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

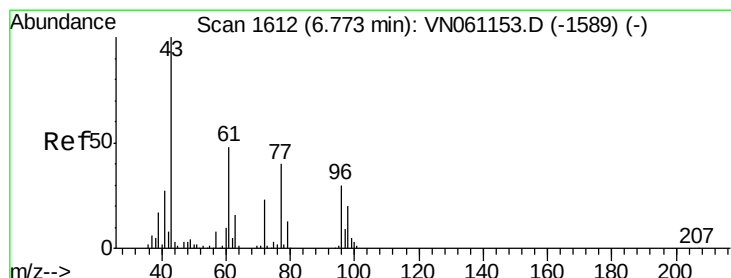
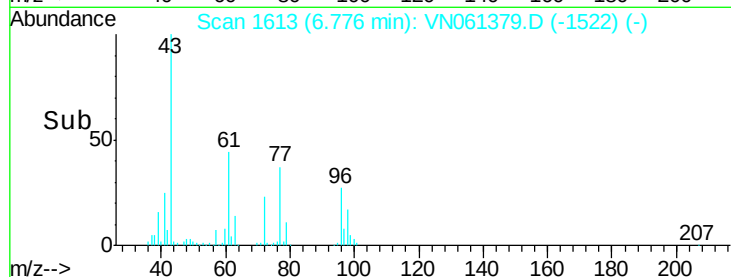
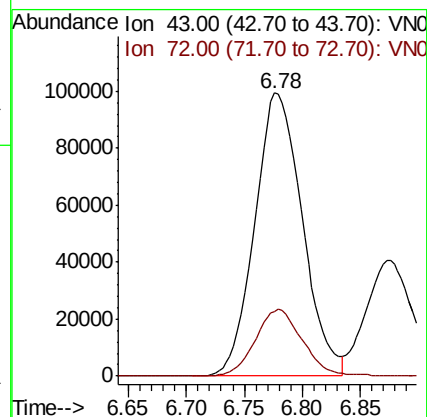
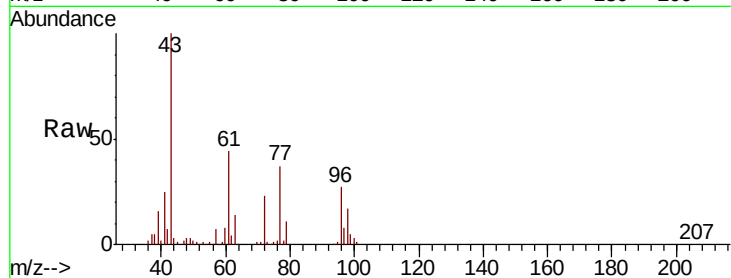
ClientSampled :

Tot Ion: 43 Resp: 283712

Ion Ratio Lower Upper

43 100

72 23.0 18.2 27.4



#26

2,2-Dichloropropane

Concen: 57.210 ug/l

RT: 6.77 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VN061379.D

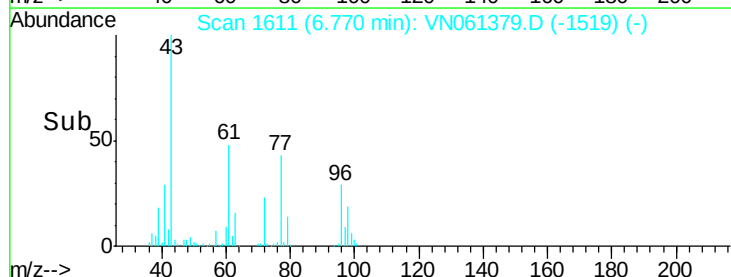
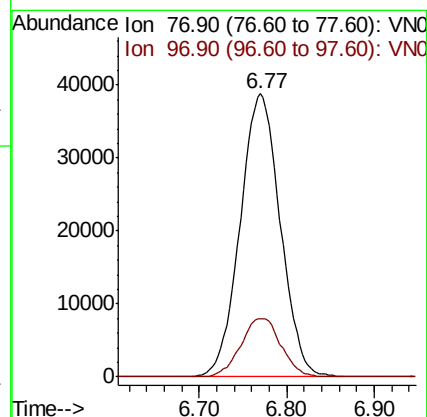
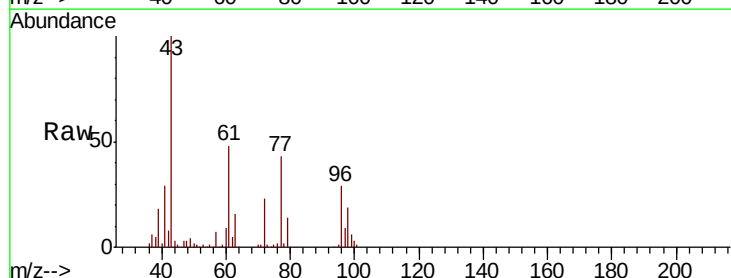
Acq: 11 May 2020 10:26

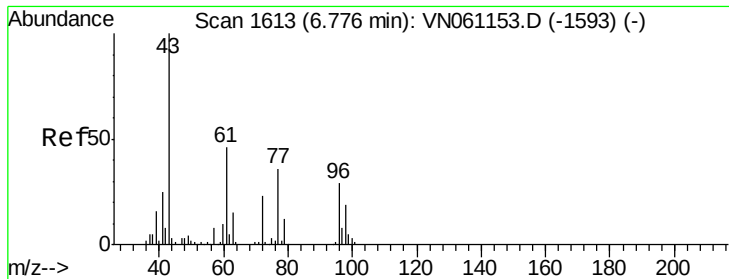
Tgt Ion: 77 Resp: 123424

Ion Ratio Lower Upper

77 100

97 20.7 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 53.908 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampled :

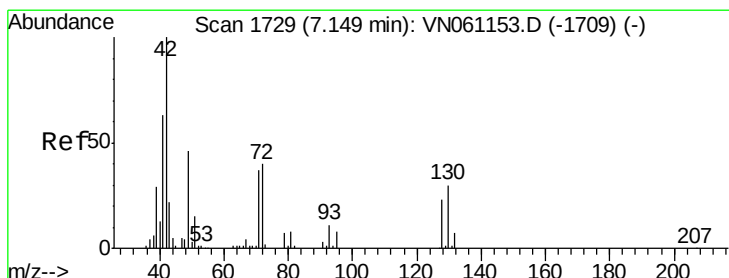
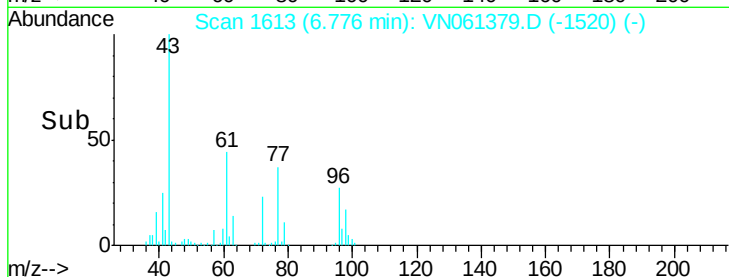
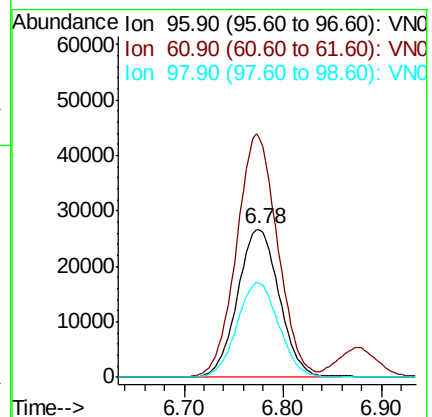
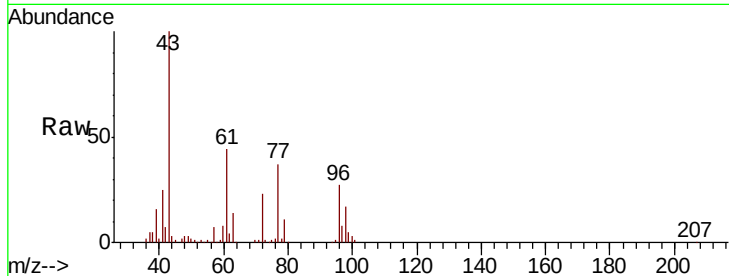
Tot Ion: 96 Resp: 78540

Ion Ratio Lower Upper

96 100

61 161.8 0.0 322.0

98 64.2 0.0 129.6



#28

Bromochloromethane

Concen: 53.581 ug/l

RT: 7.15 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

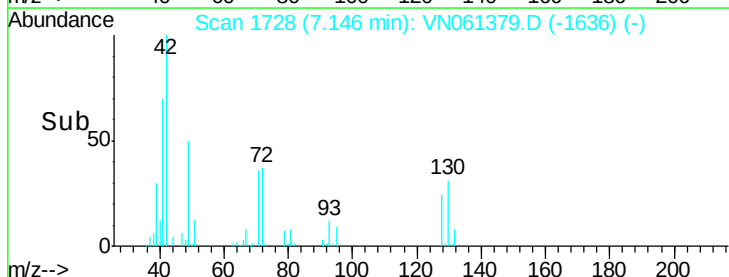
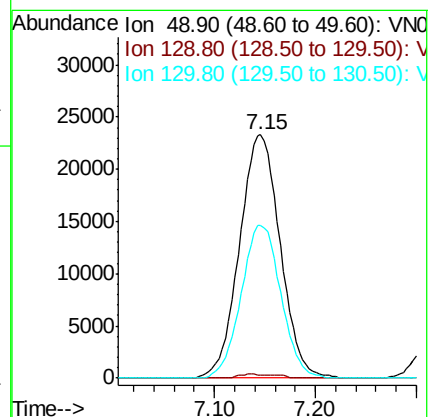
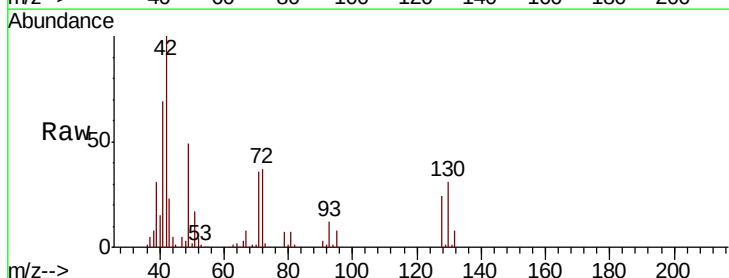
Tgt Ion: 49 Resp: 65048

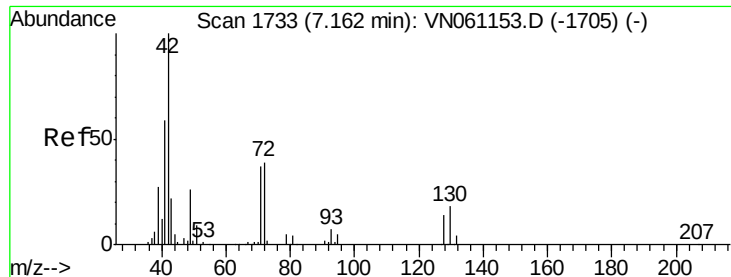
Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.0

130 61.4 51.4 77.2

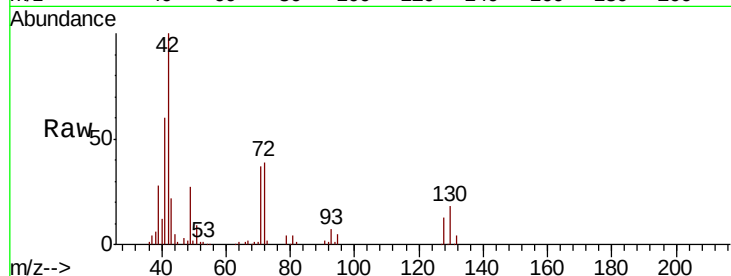




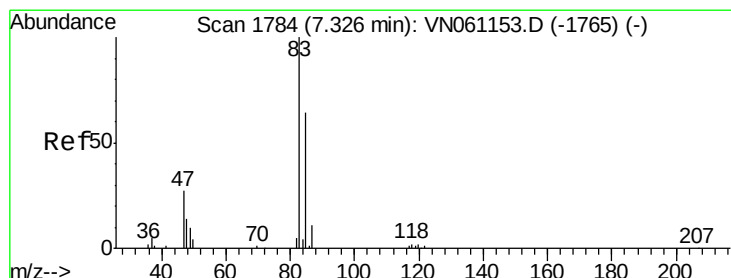
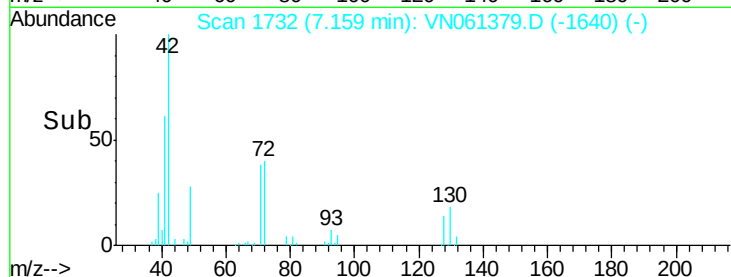
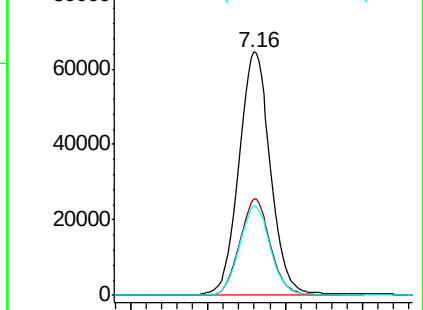
#29
Tetrahydrofuran
Concen: 268.950 ug/l
RT: 7.16 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.4	31.4	47.0
71	36.1	29.5	44.3

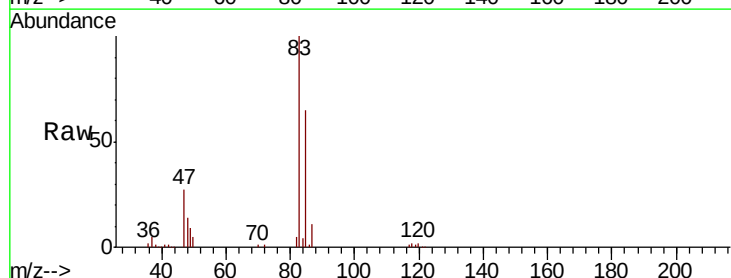


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

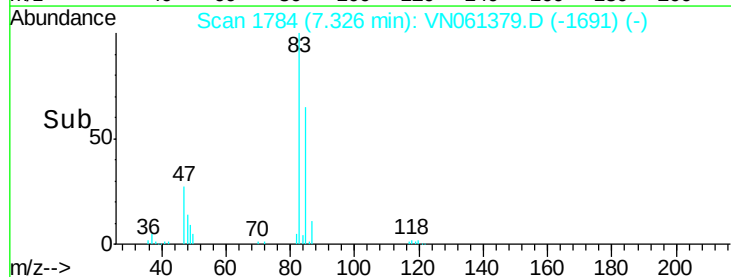
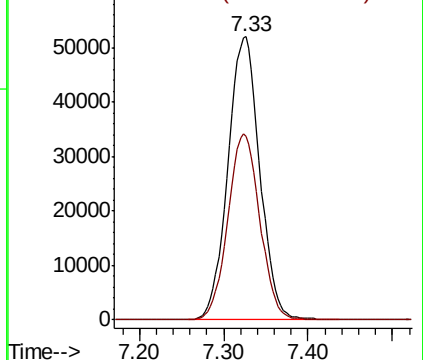


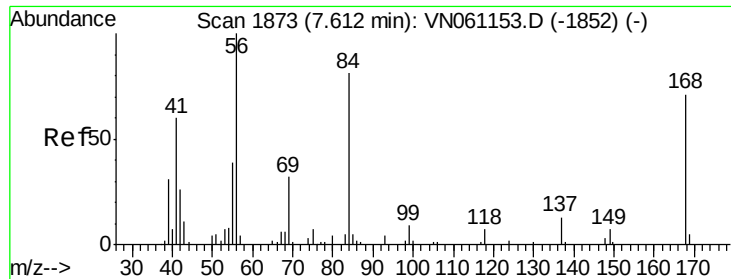
#30
Chloroform
Concen: 52.650 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.1	76.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

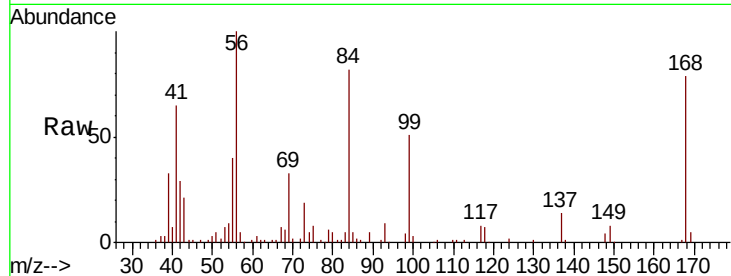




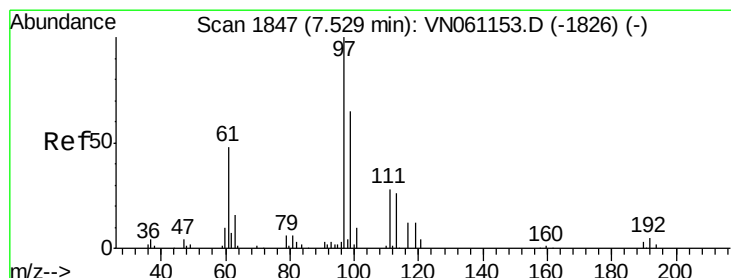
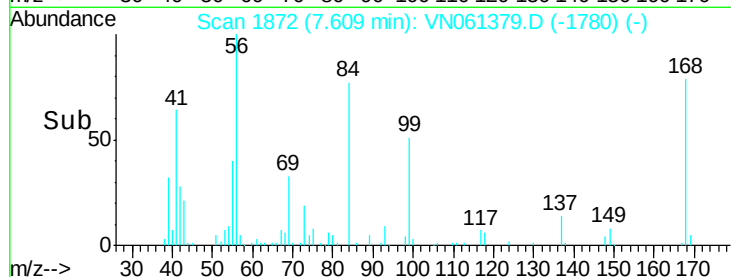
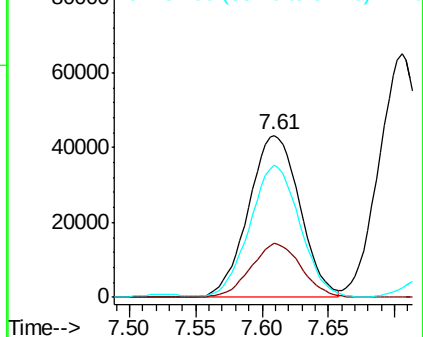
#31
Cyclohexane
Concen: 47.006 ug/l
RT: 7.61 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 116925
Ion Ratio Lower Upper
56 100
69 33.5 25.7 38.5
84 80.6 64.6 97.0

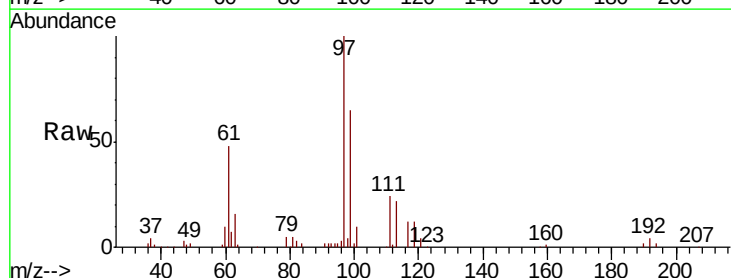


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

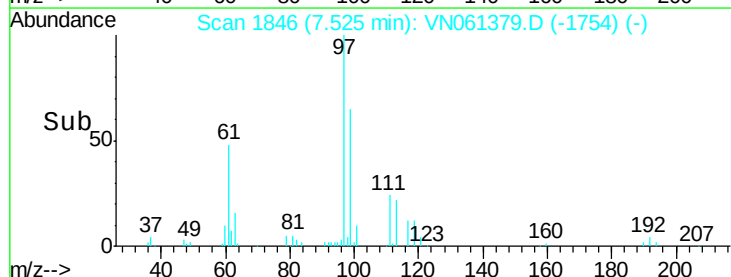
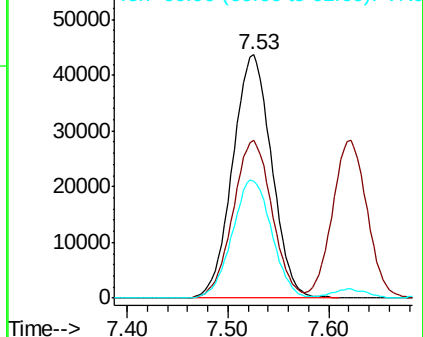


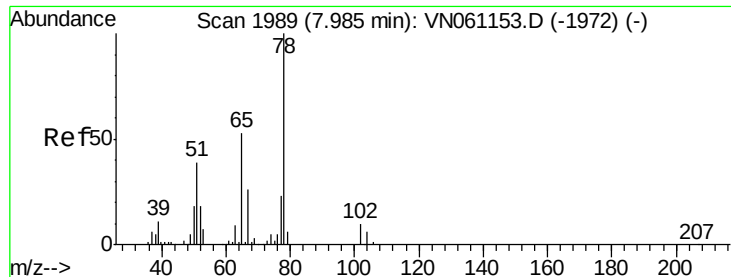
#32
1,1,1-Trichloroethane
Concen: 51.812 ug/l
RT: 7.53 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion: 97 Resp: 117109
Ion Ratio Lower Upper
97 100
99 64.9 51.3 76.9
61 49.2 38.6 57.8



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

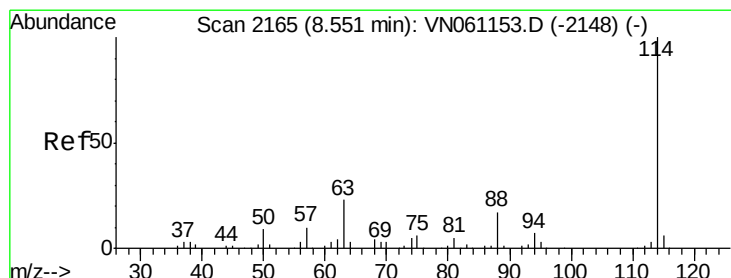
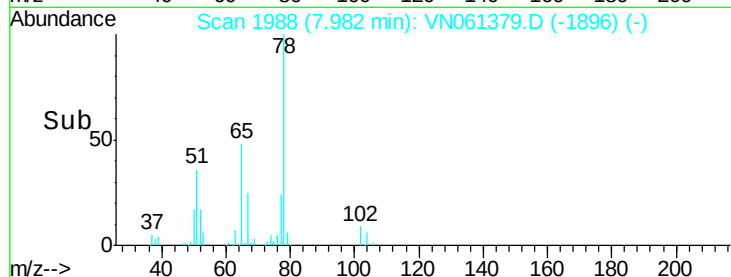
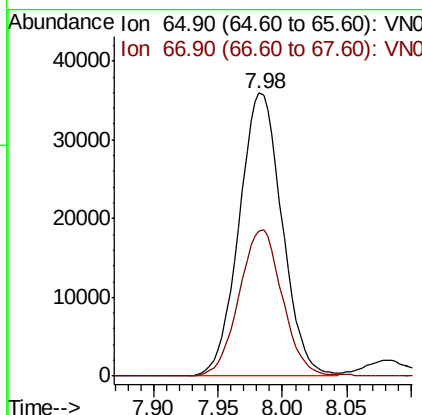
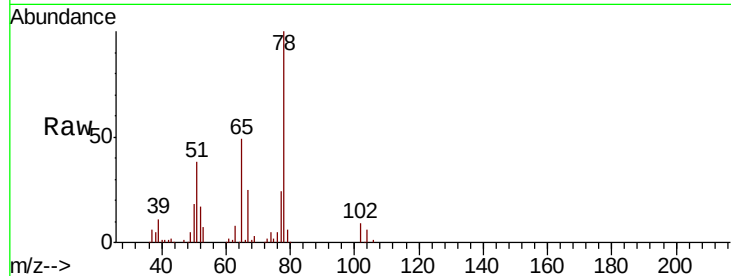




#33
 1,2-Dichloroethane-d4
 Concen: 48.816 ug/l
 RT: 7.98 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

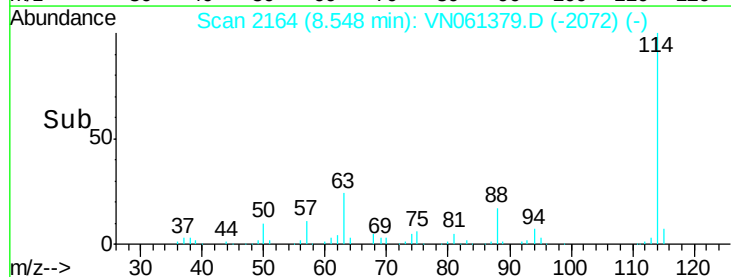
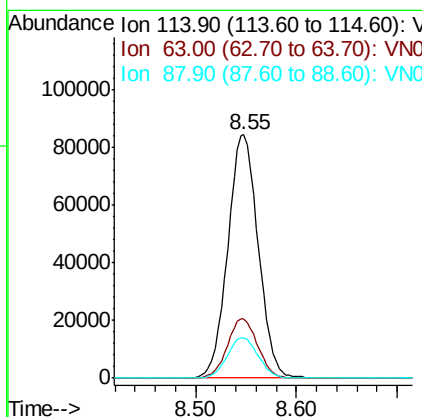
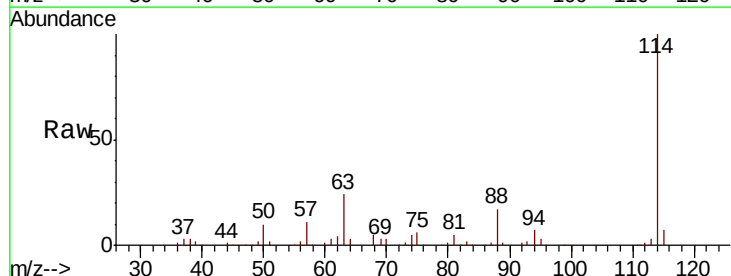
Instrument :
 MSVOA_N
 ClientSampleId :

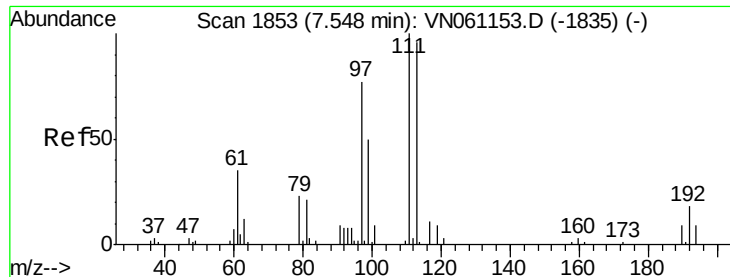
Tot Ion: 65 Resp: 83470
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion: 114 Resp: 177134
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 46.6
 88 16.6 0.0 33.4

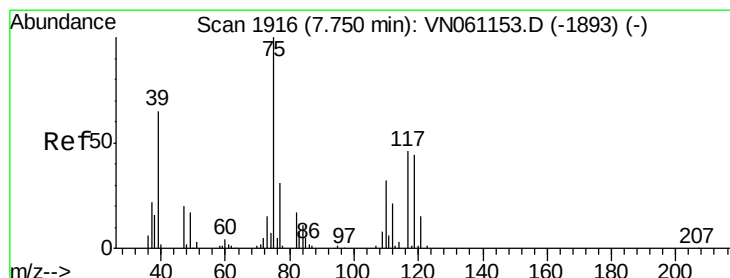
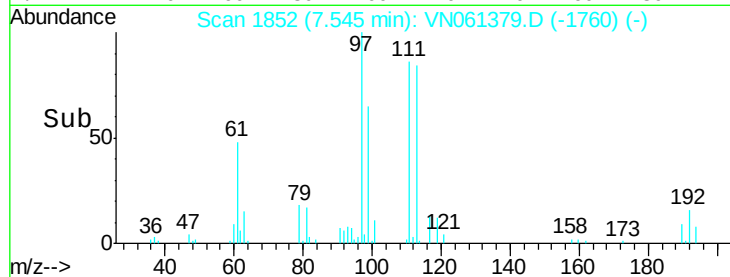
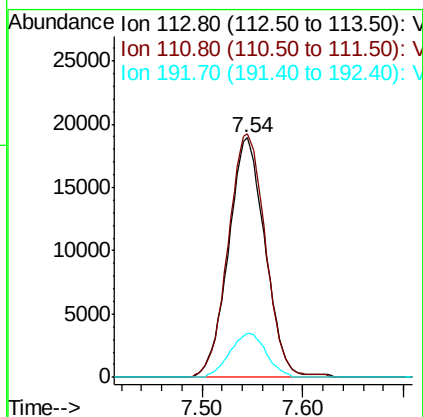
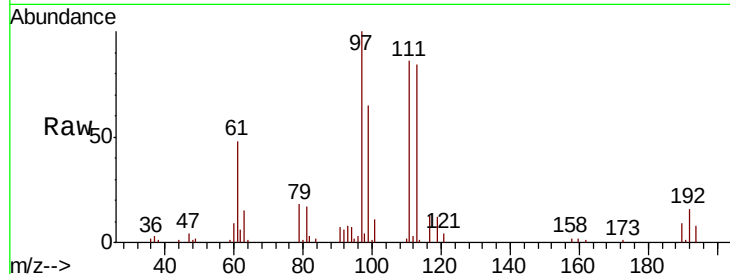




#35
 Dibromofluoromethane
 Concen: 45.675 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

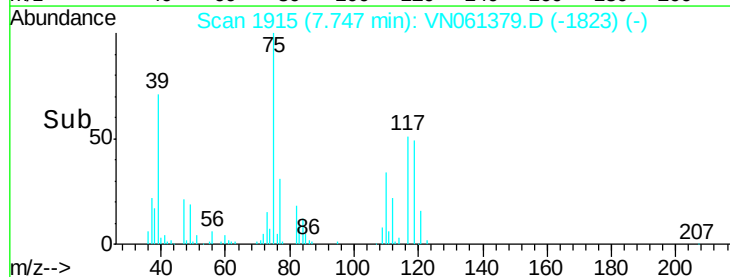
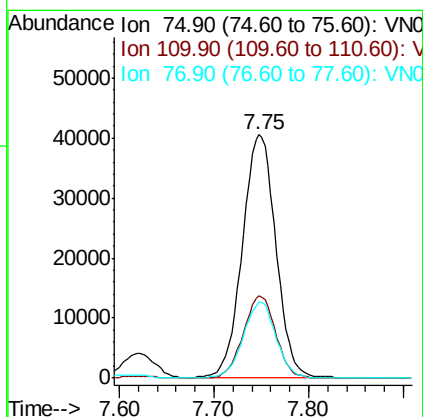
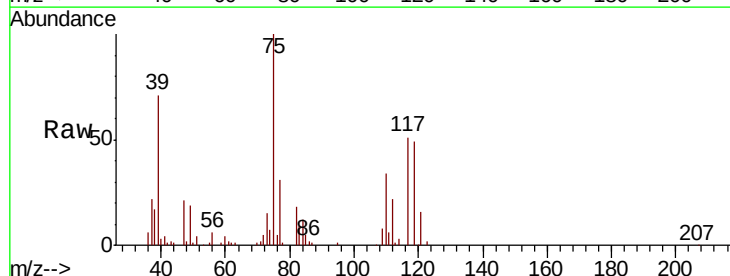
Instrument :
 MSVOA_N
 ClientSampled :

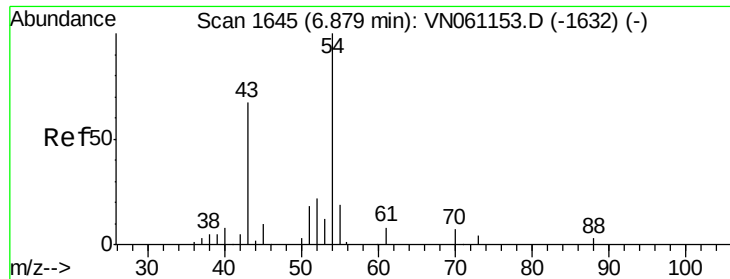
Tot Ion:113 Resp: 47842
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.9 124.3
 192 18.2 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 56.432 ug/l
 RT: 7.75 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion: 75 Resp: 100065
 Ion Ratio Lower Upper
 75 100
 110 32.5 16.0 48.0
 77 30.5 24.6 37.0

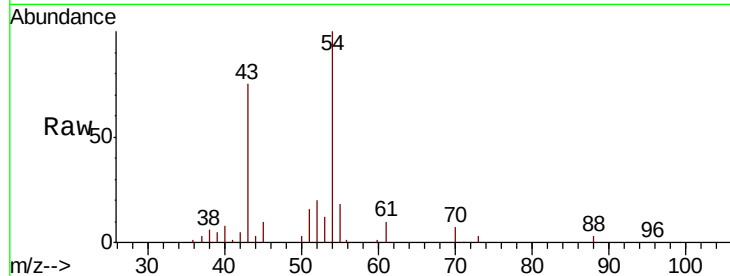




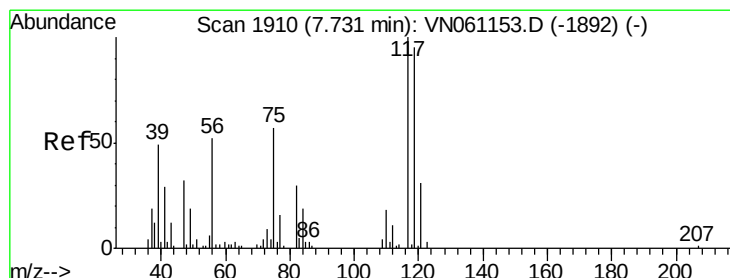
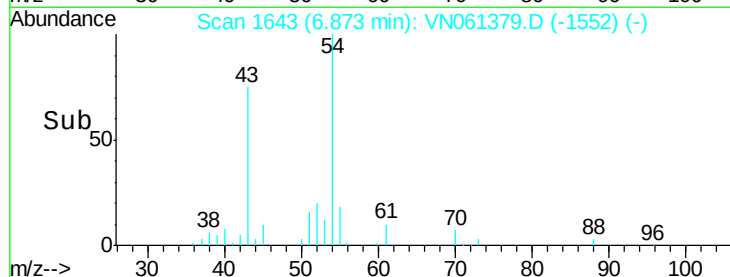
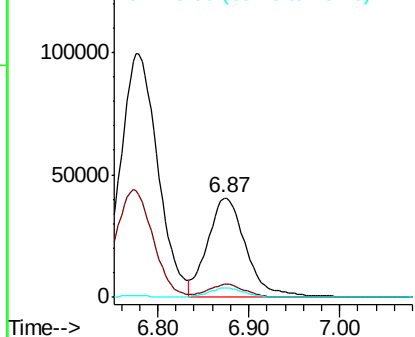
#37
Ethyl Acetate
Concen: 56.347 ug/l
RT: 6.87 min Scan# 1643
Delta R.T. -0.01 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 117134
Ion Ratio Lower Upper
43 100
61 13.0 10.2 15.2
70 8.8 7.2 10.8

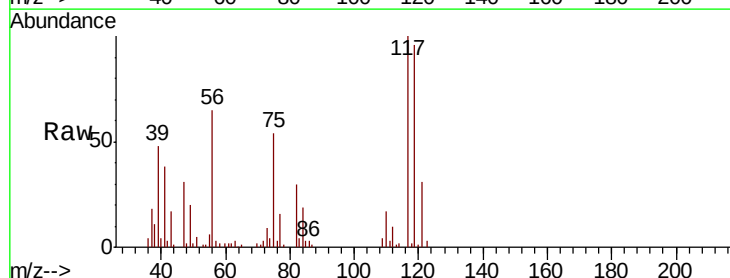


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

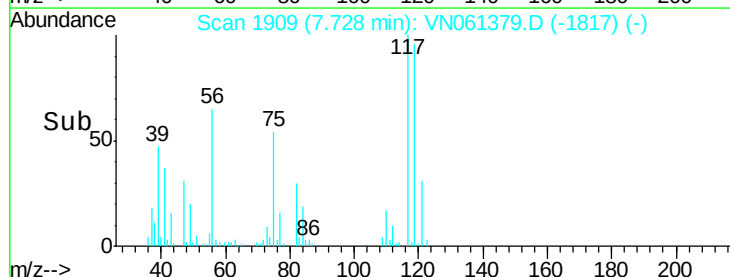
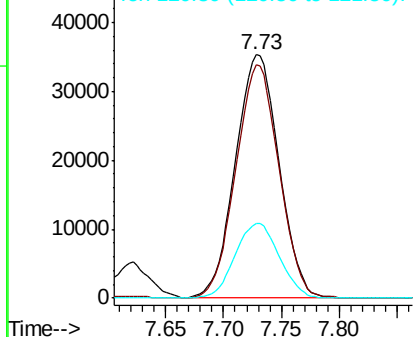


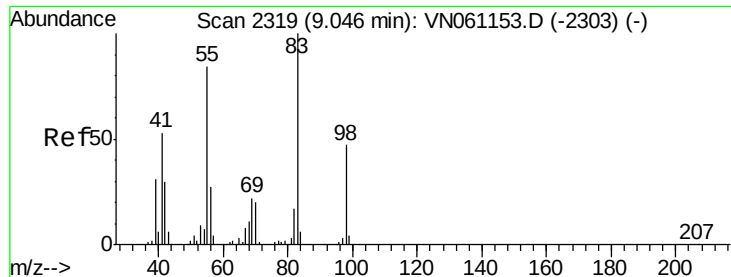
#38
Carbon Tetrachloride
Concen: 56.874 ug/l
RT: 7.73 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion: 117 Resp: 92546
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.6
121 30.8 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

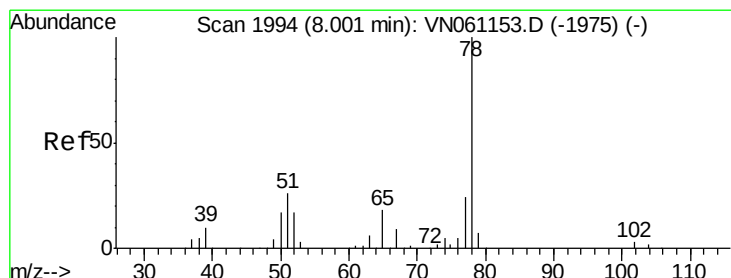
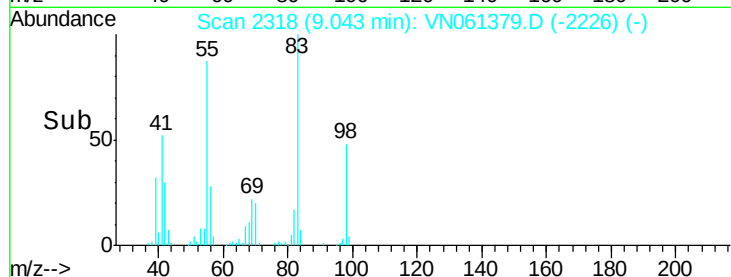
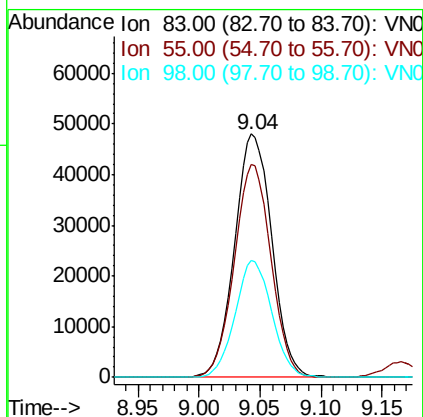
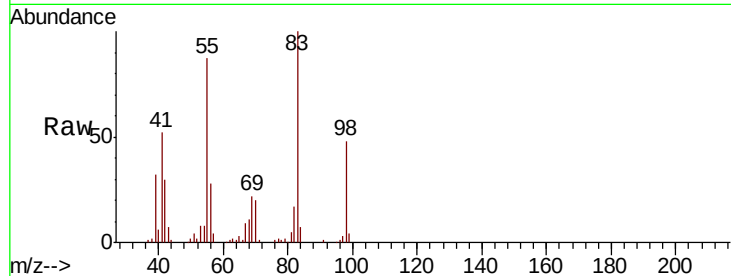




#39
Methylvlcyclohexane
Concen: 51.072 ug/l
RT: 9.04 min Scan# 2318
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

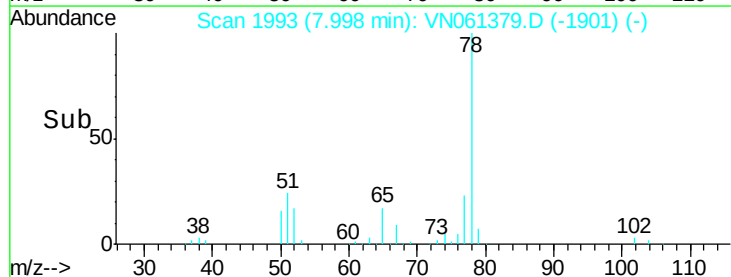
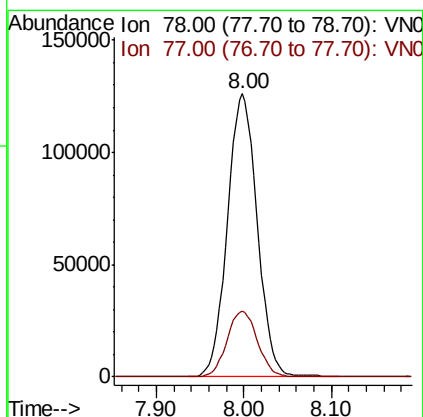
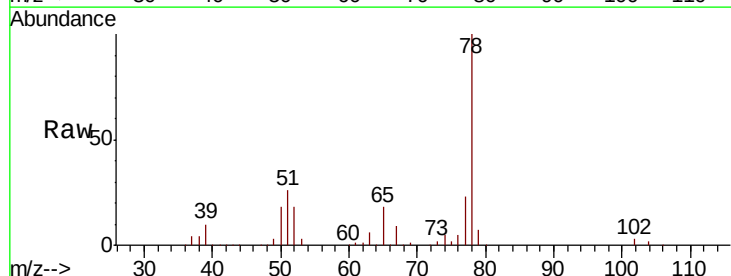
Instrument :
MSVOA_N
ClientSampleId :

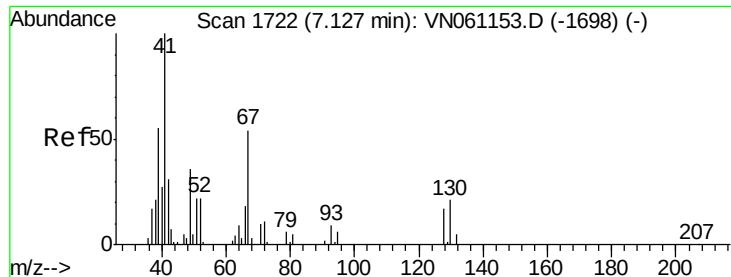
Tot Ion: 83 Resp: 101560
Ion Ratio Lower Upper
83 100
55 87.5 67.3 100.9
98 48.2 37.7 56.5



#40
Benzene
Concen: 56.511 ug/l
RT: 8.00 min Scan# 1993
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion: 78 Resp: 298536
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6

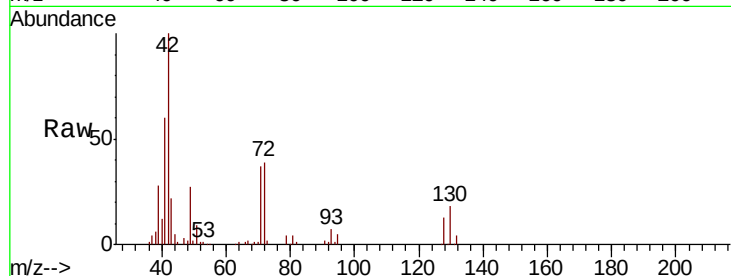




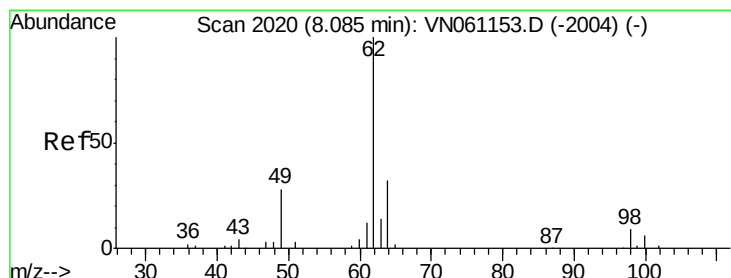
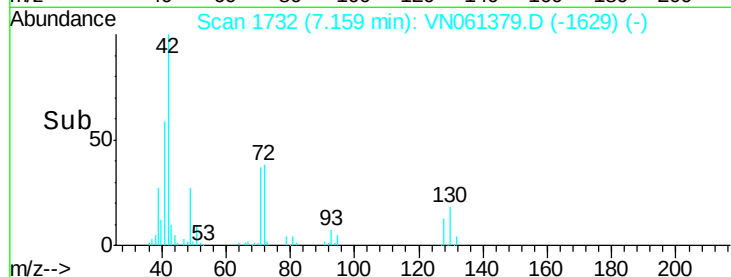
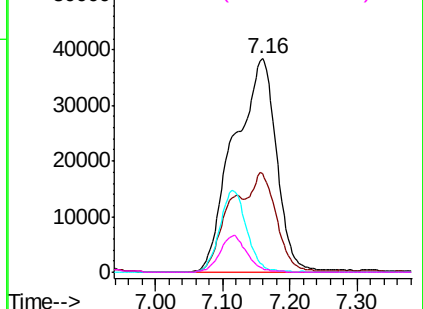
#41
Methacrylonitrile
Concen: 196.305 ug/l
RT: 7.16 min Scan# 1732
Delta R.T. 0.03 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	169431
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

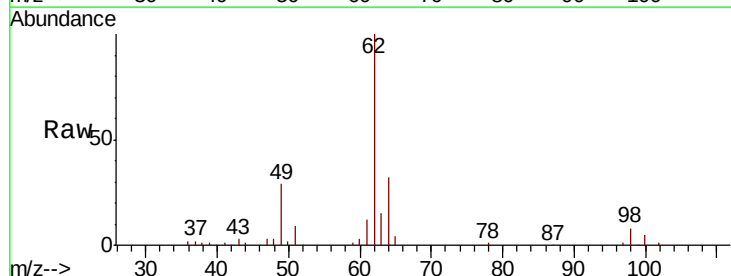


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

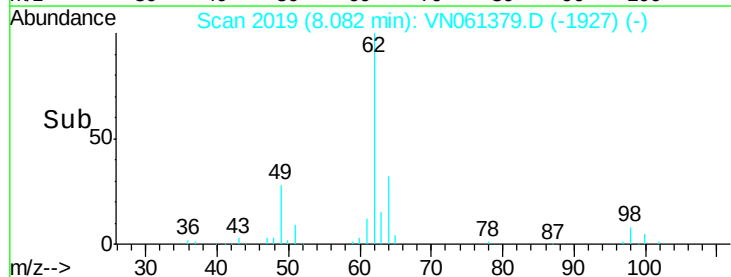
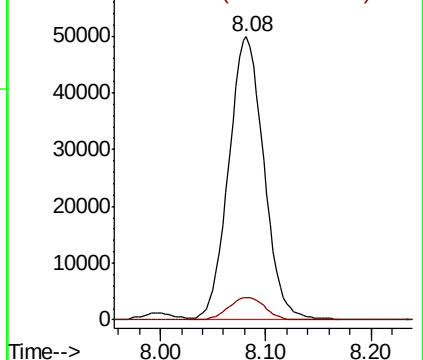


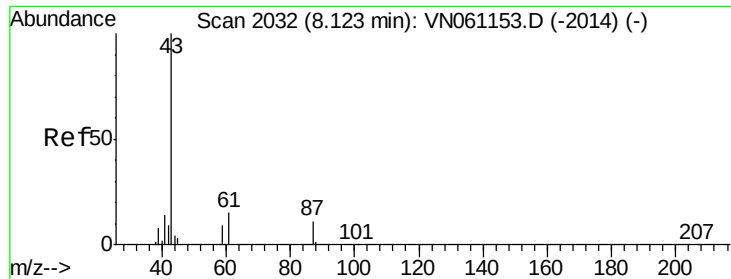
#42
1,2-Dichloroethane
Concen: 57.113 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion:	62	Resp:	114301
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 55.779 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

ClientSampleId :

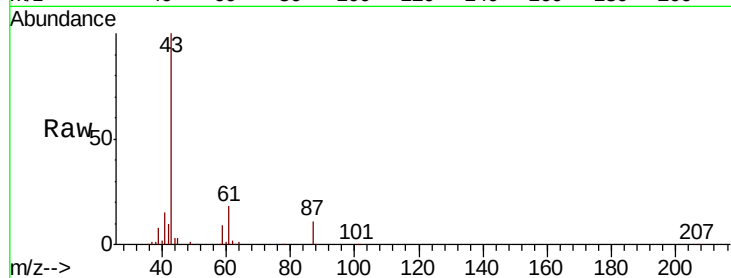
Tot Ion: 43 Resp: 192437

Ion Ratio Lower Upper

43 100

61 18.4 19.5 29.3#

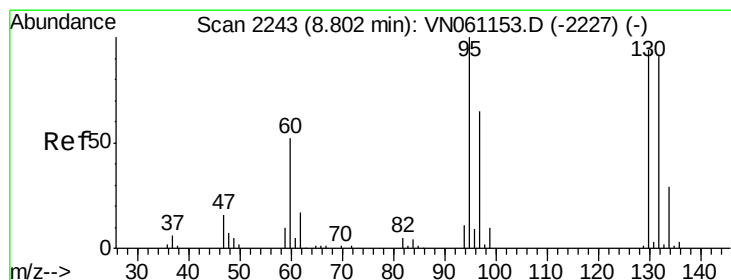
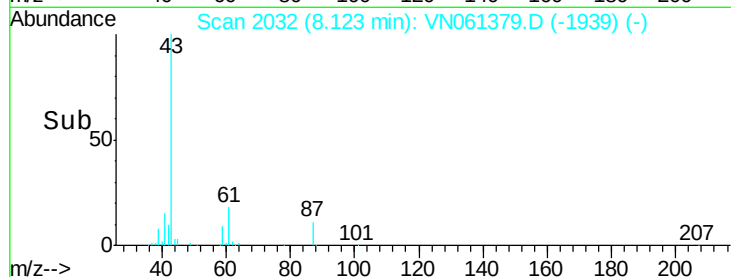
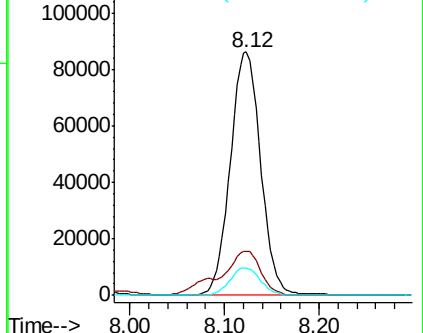
87 11.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN061379.D (-2150) (-)

Ion 61.00 (60.70 to 61.70): VN061379.D (-2150) (-)

Ion 87.00 (86.70 to 87.70): VN061379.D (-2150) (-)



#44

Trichloroethene

Concen: 52.407 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061379.D

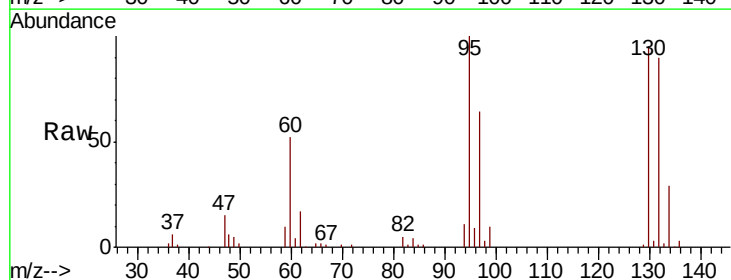
Acq: 11 May 2020 10:26

Tgt Ion: 130 Resp: 74842

Ion Ratio Lower Upper

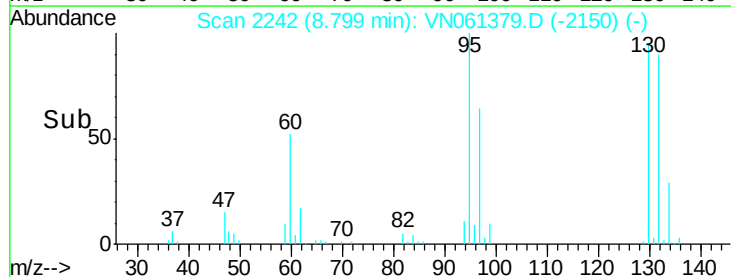
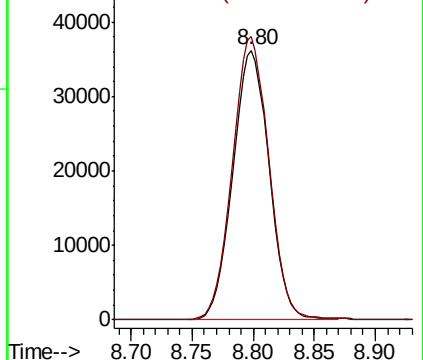
130 100

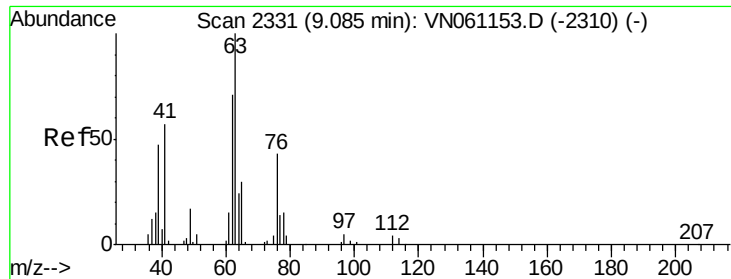
95 104.9 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061379.D (-2150) (-)

Ion 94.90 (94.60 to 95.60): VN061379.D (-2150) (-)

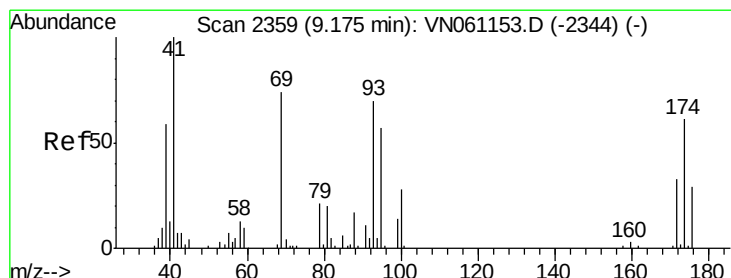
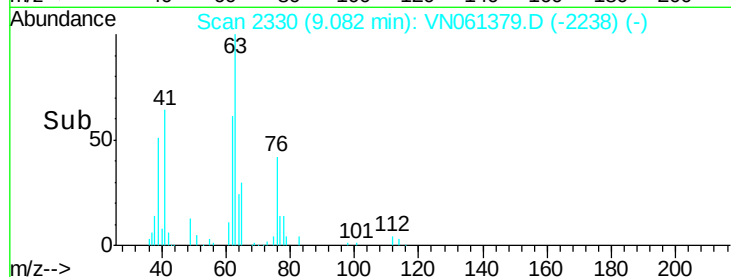
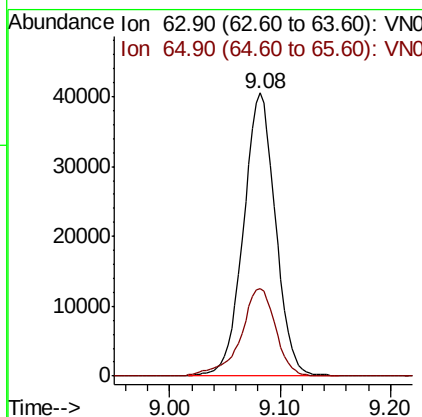
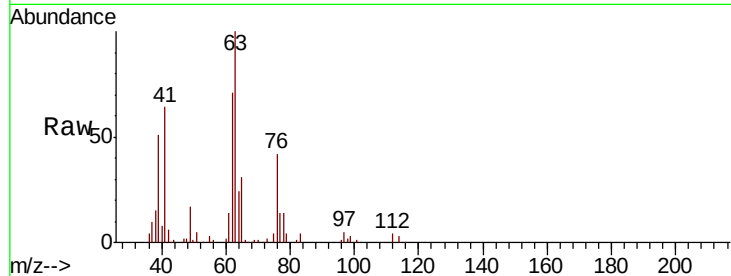




#45
 1,2-Dichloropropane
 Concen: 57.774 ug/l
 RT: 9.08 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

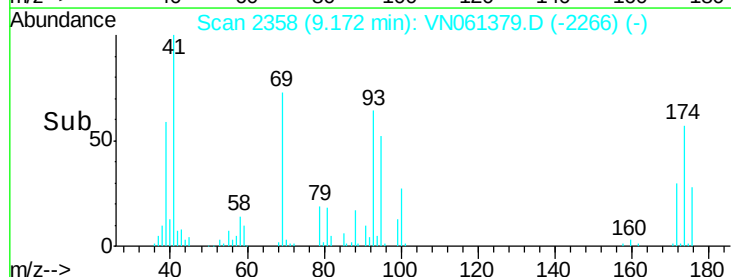
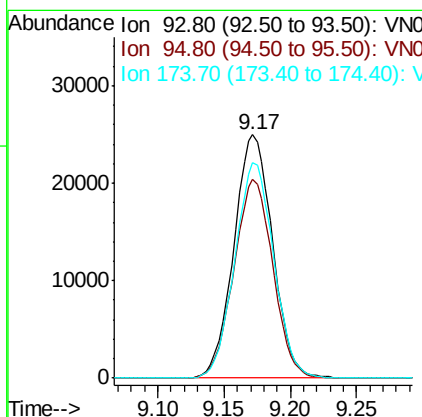
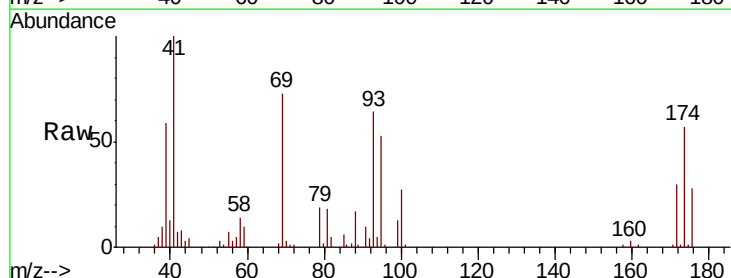
Instrument :
 MSVOA_N
 ClientSampleId :

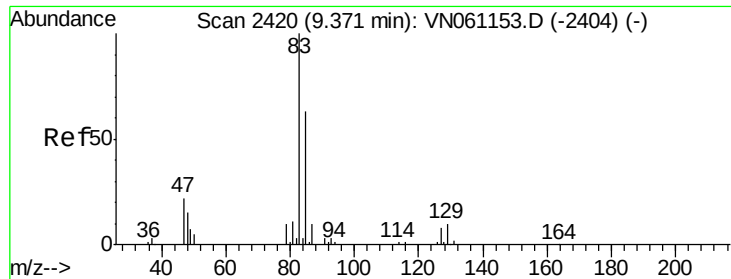
Tot Ion: 63 Resp: 81539
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.7 37.1



#46
 Dibromomethane
 Concen: 58.034 ug/l
 RT: 9.17 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion: 93 Resp: 50714
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.6 99.8
 174 88.9 70.2 105.2

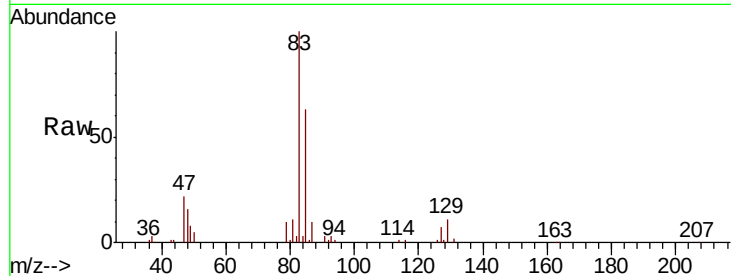




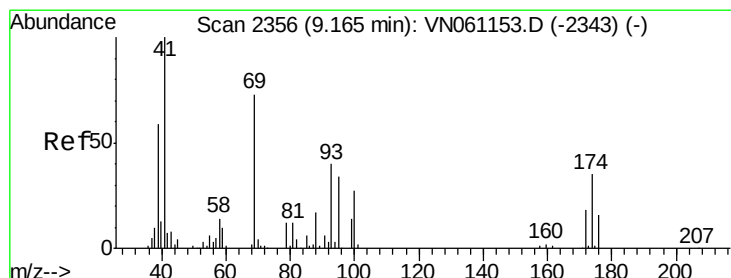
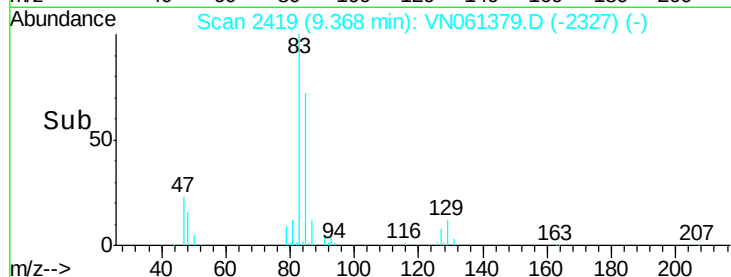
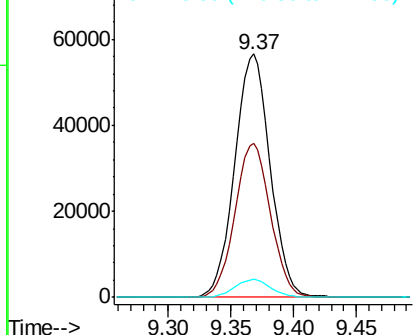
#47
 Bromodichloromethane
 Concen: 59.282 ug/l
 RT: 9.37 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 83 Resp: 111192
 Ion Ratio Lower Upper
 83 100
 85 63.4 50.4 75.6
 127 7.5 6.2 9.2

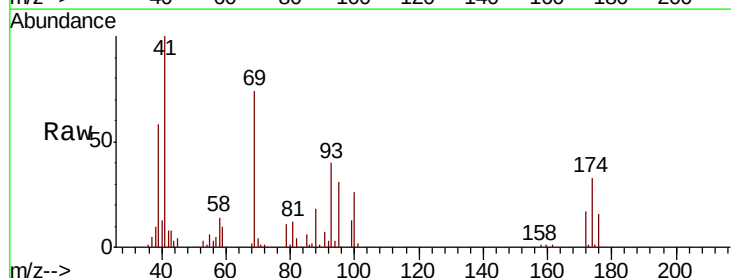


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): VN0

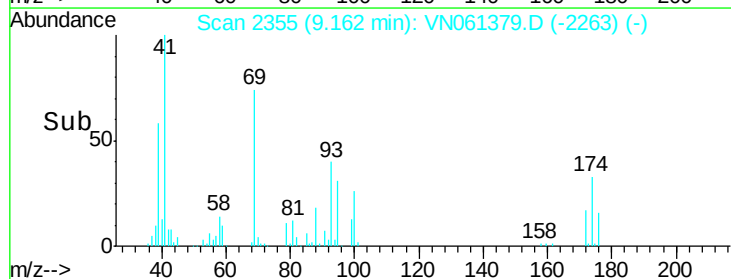
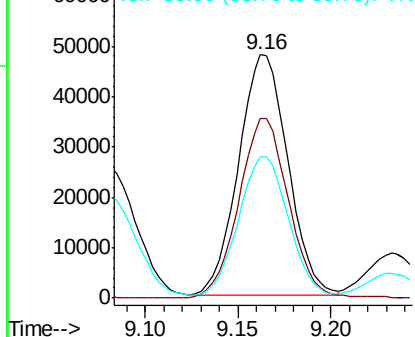


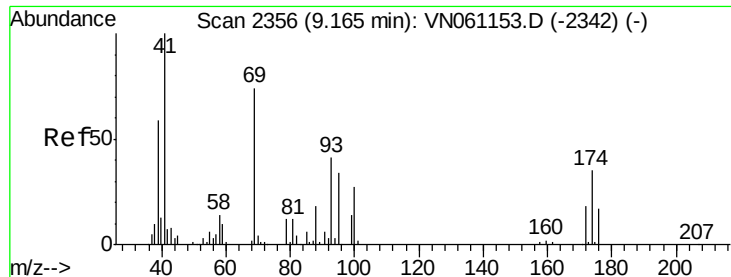
#48
 Methyl methacrylate
 Concen: 56.819 ug/l
 RT: 9.16 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion: 41 Resp: 88456
 Ion Ratio Lower Upper
 41 100
 69 75.4 60.3 90.5
 39 59.9 47.4 71.0



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

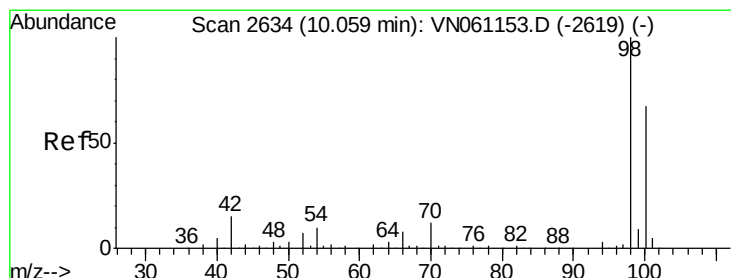
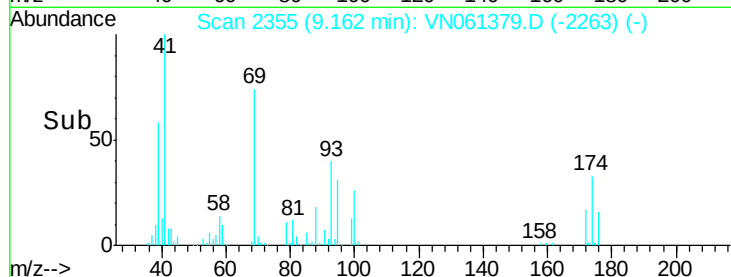
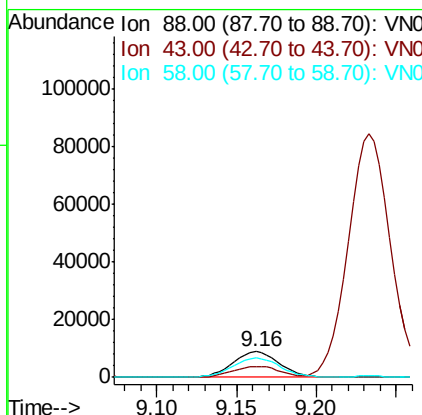
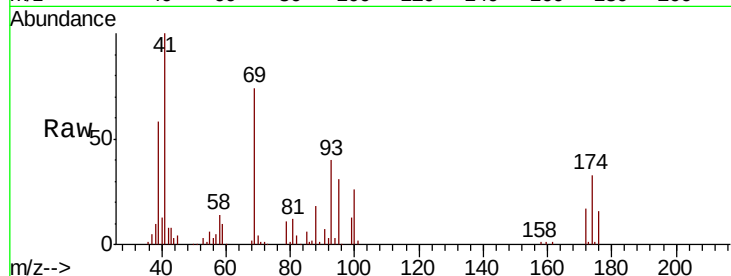




#49
 1,4-Dioxane
 Concen: 1000.022 ug/l
 RT: 9.16 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

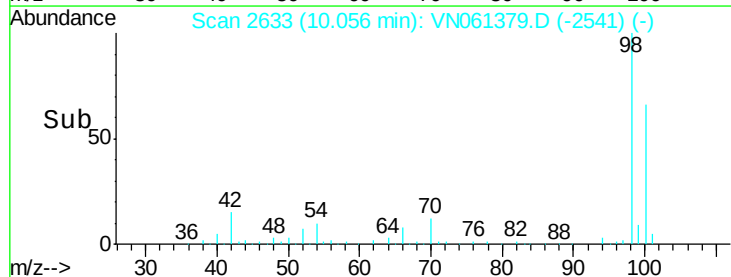
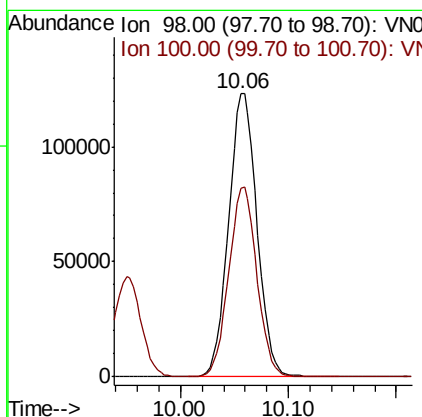
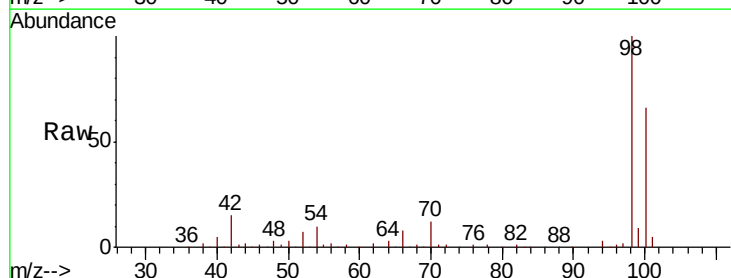
Instrument :
 MSVOA_N
 ClientSampled :

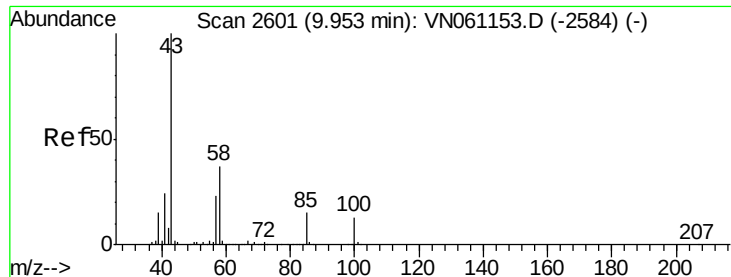
Tot Ion: 88 Resp: 17672
 Ion Ratio Lower Upper
 88 100
 43 43.0 35.3 52.9
 58 77.8 61.5 92.3



#50
 Toluene-d8
 Concen: 52.907 ug/l
 RT: 10.06 min Scan# 2633
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion: 98 Resp: 225906
 Ion Ratio Lower Upper
 98 100
 100 66.6 53.4 80.0

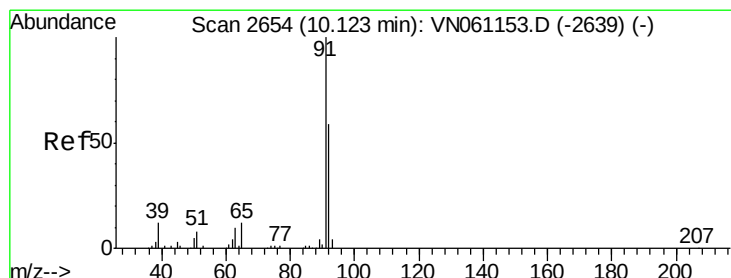
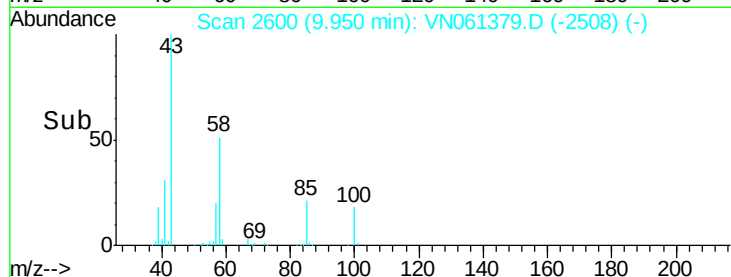
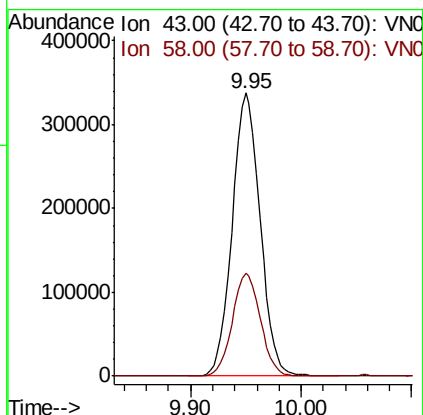
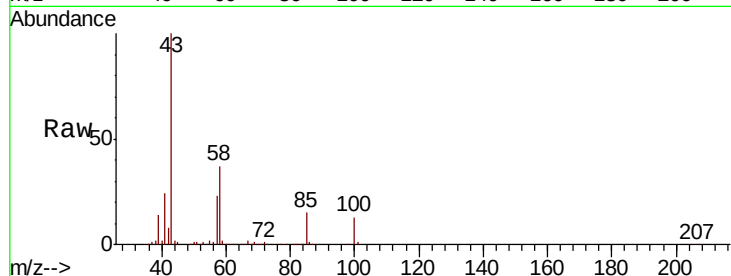




#51
4-Methyl-2-Pentanone
Concen: 292.327 ug/l
RT: 9.95 min Scan# 2600
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

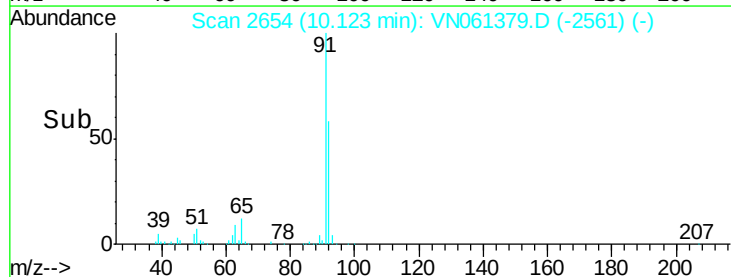
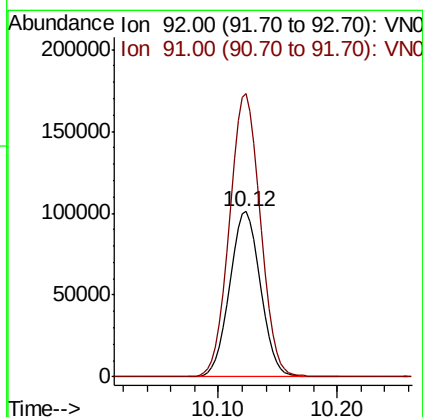
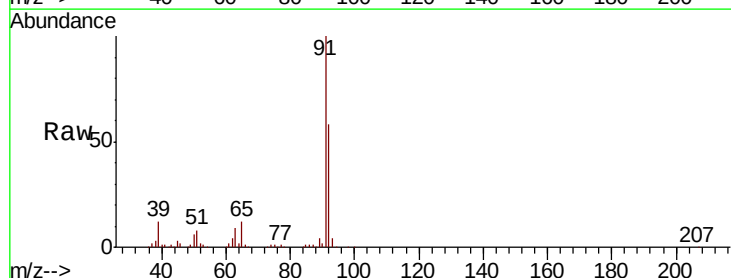
Instrument :
MSVOA_N
ClientSampled :

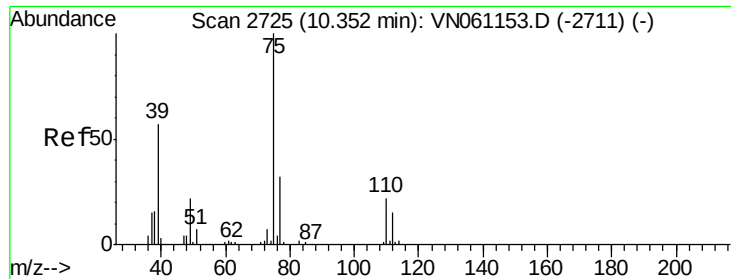
Tot Ion: 43 Resp: 593628
Ion Ratio Lower Upper
43 100
58 36.5 29.1 43.7



#52
Toluene
Concen: 57.221 ug/l
RT: 10.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion: 92 Resp: 182075
Ion Ratio Lower Upper
92 100
91 171.3 136.2 204.2

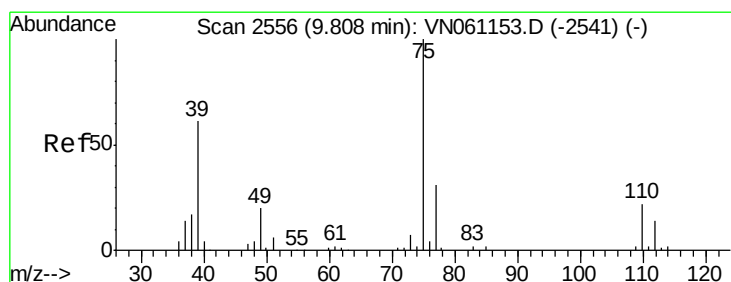
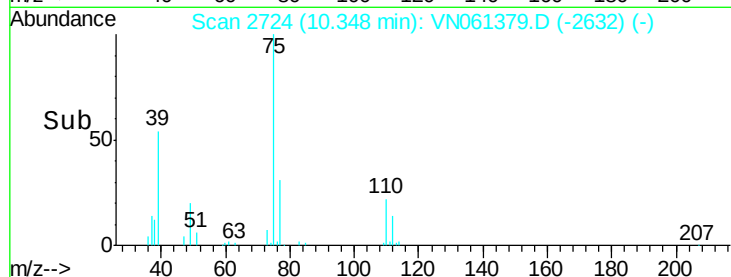
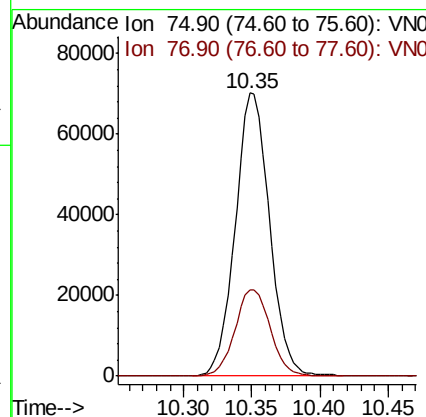
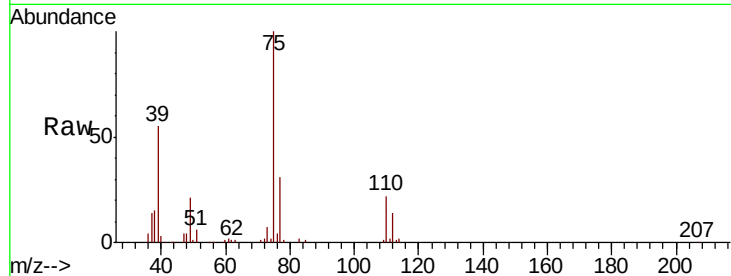




#53
 t-1,3-Dichloropropene
 Concen: 57.907 ug/l
 RT: 10.35 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

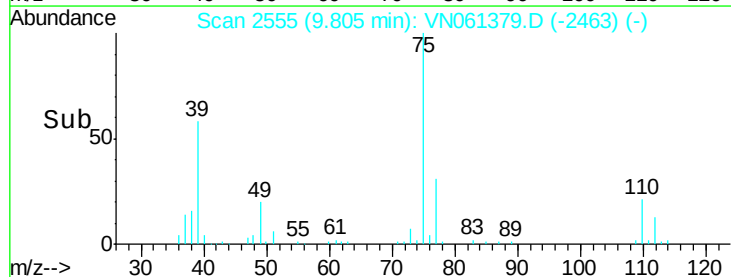
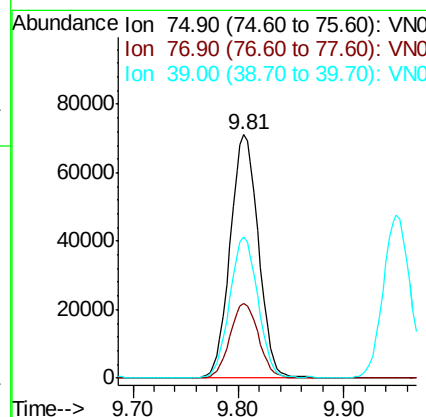
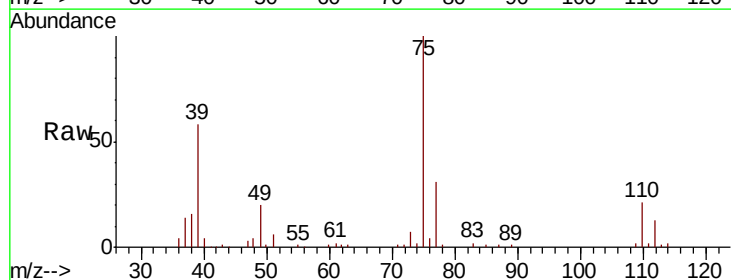
Instrument :
 MSVOA_N
 ClientSampleId :

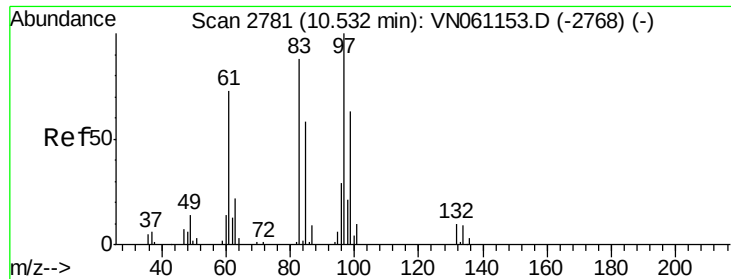
Tot Ion: 75 Resp: 122383
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 59.040 ug/l
 RT: 9.81 min Scan# 2555
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion: 75 Resp: 131916
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.0 37.4
 39 58.2 48.7 73.1

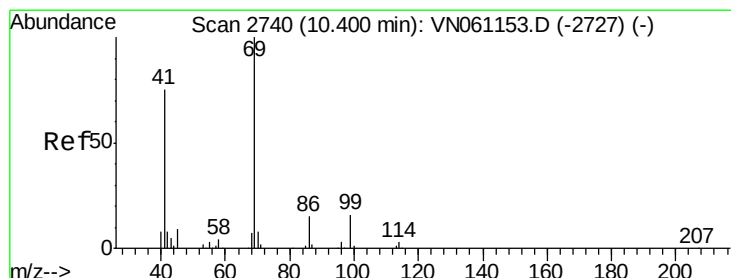
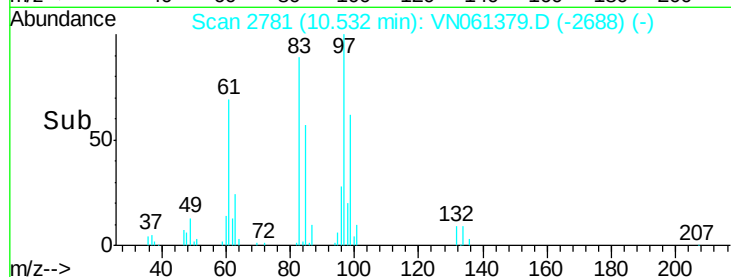
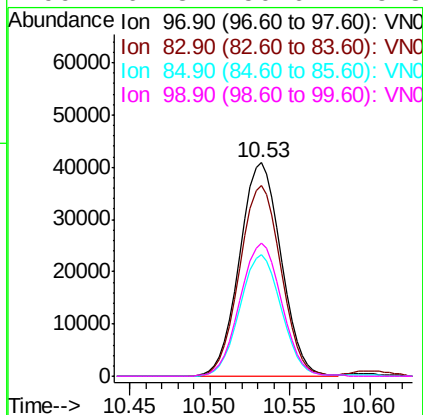
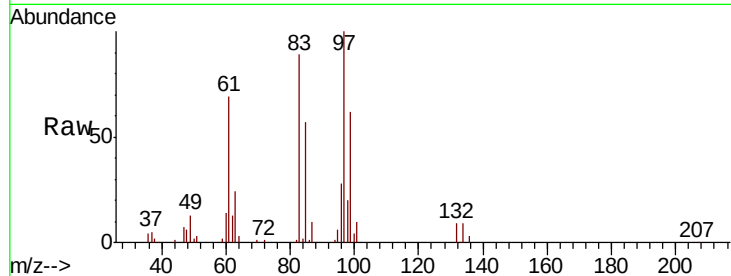




#55
 1,1,2-Trichloroethane
 Concen: 57.219 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

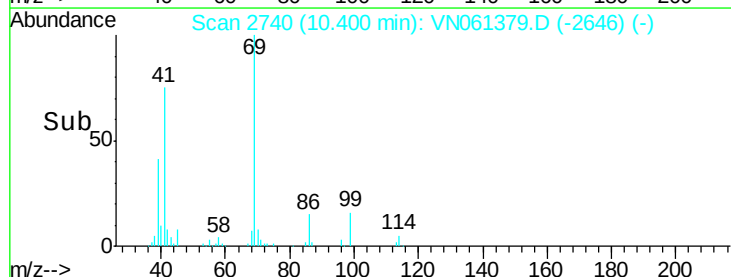
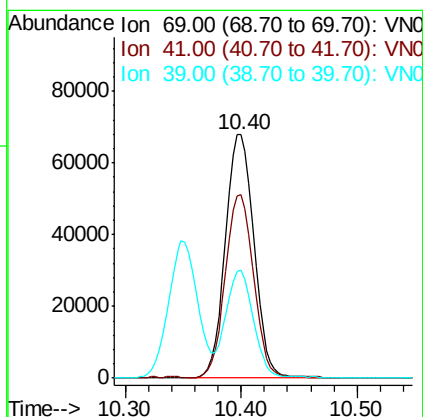
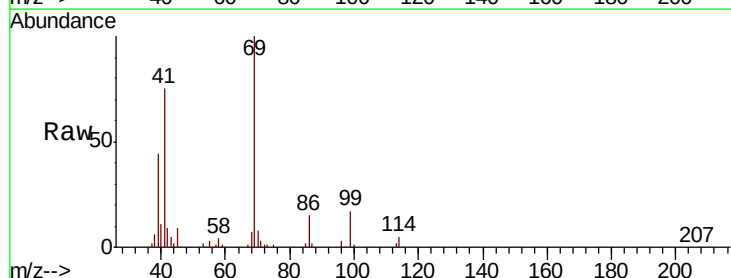
Instrument :
 MSVOA_N
 ClientSampled :

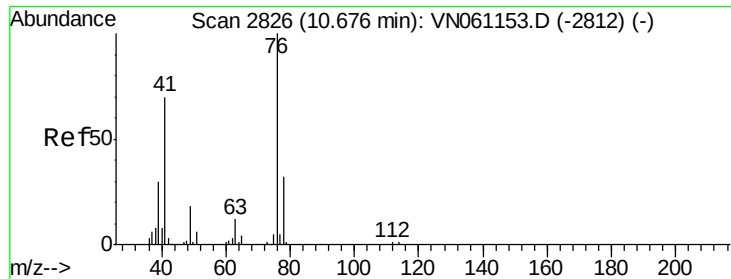
Tot Ion:	97	Resp:	72622
Ion	Ratio	Lower	Upper
97	100		
83	89.4	70.6	106.0
85	56.7	46.4	69.6
99	62.3	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 52.243 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion:	69	Resp:	115830
Ion	Ratio	Lower	Upper
69	100		
41	73.7	60.3	90.5
39	43.2	35.9	53.9

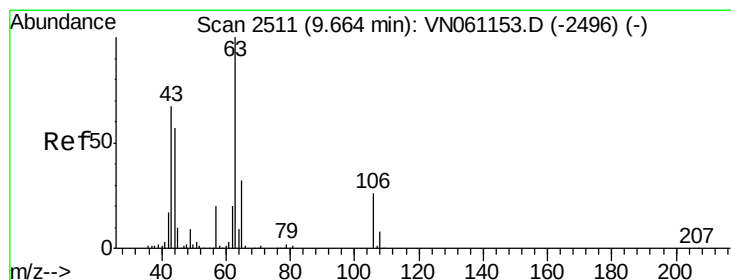
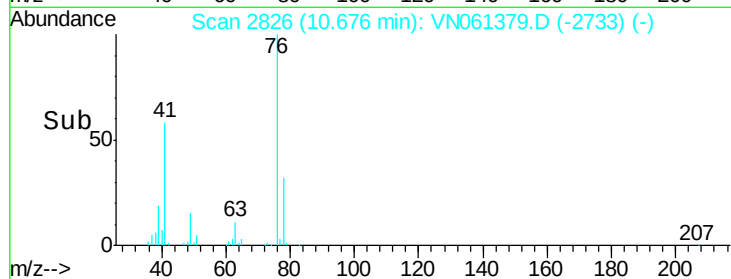
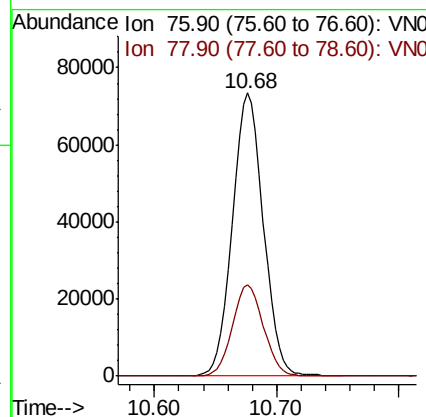
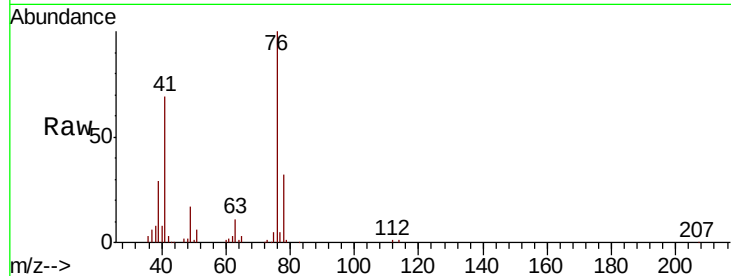




#57
 1,3-Dichloropropane
 Concen: 58.181 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

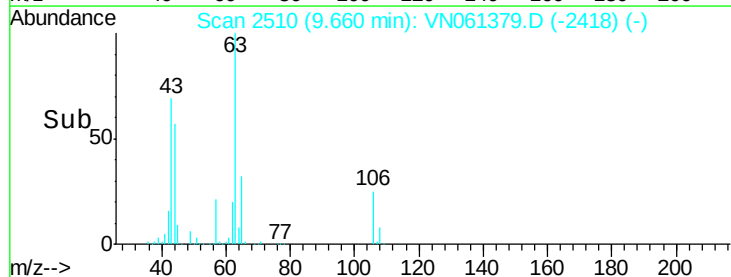
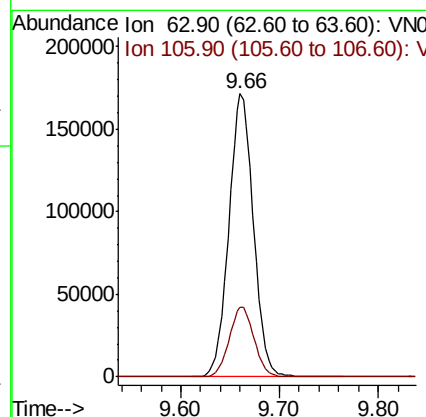
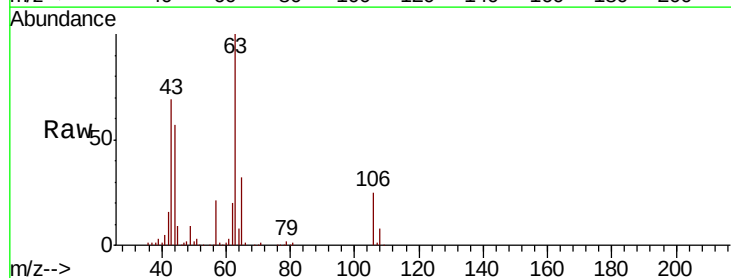
Instrument :
 MSVOA_N
 ClientSampled :

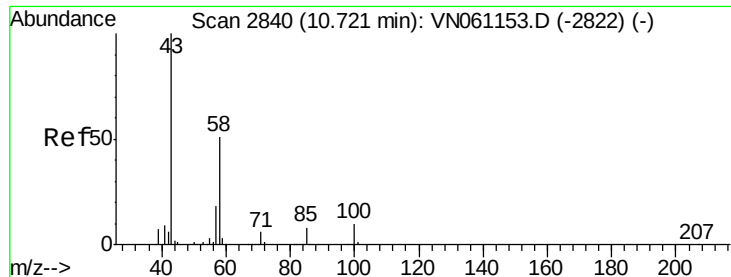
Tot Ion: 76 Resp: 129797
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 290.756 ug/l
 RT: 9.66 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion: 63 Resp: 298708
 Ion Ratio Lower Upper
 63 100
 106 25.0 20.6 30.8

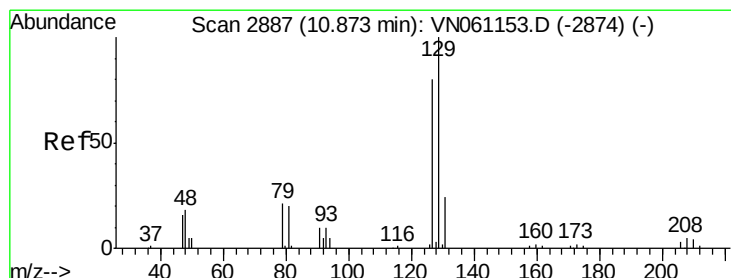
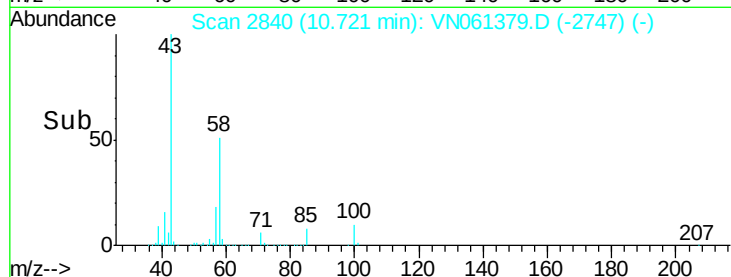
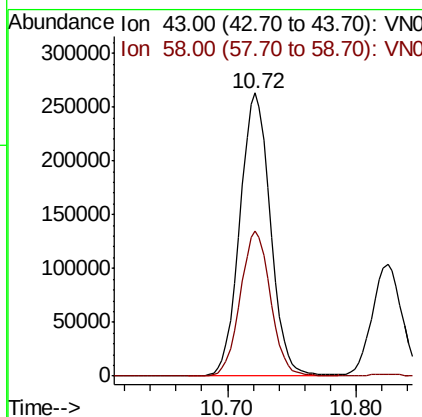
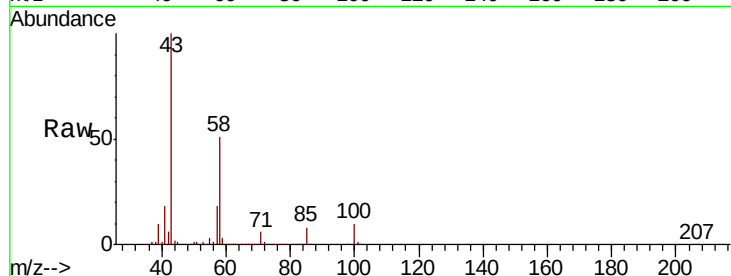




#59
2-Hexanone
Concen: 293.889 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

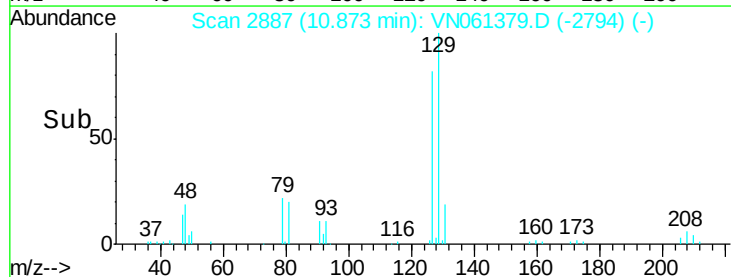
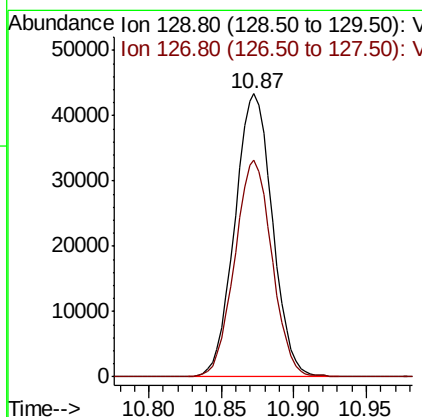
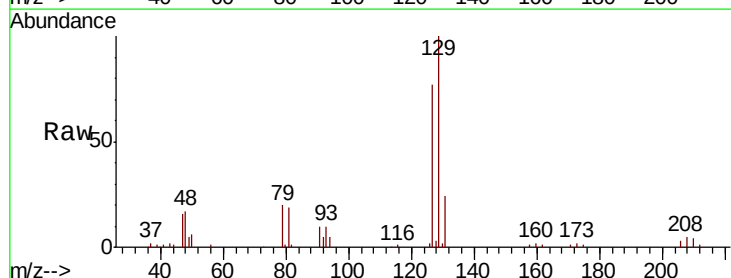
Instrument :
MSVOA_N
ClientSampleId :

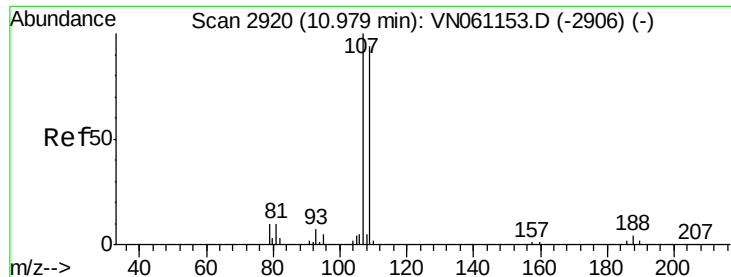
Tot Ion: 43 Resp: 434184
Ion Ratio Lower Upper
43 100
58 50.7 25.4 76.4



#60
Dibromochloromethane
Concen: 58.939 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion: 129 Resp: 78347
Ion Ratio Lower Upper
129 100
127 75.8 39.3 117.8

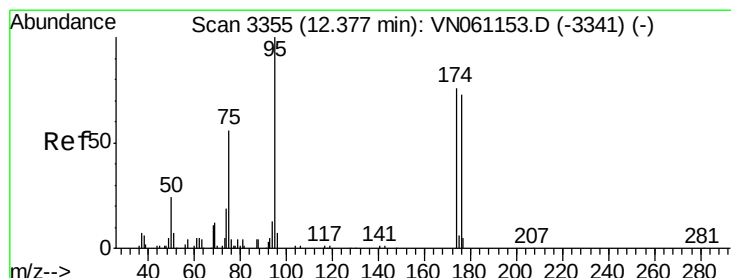
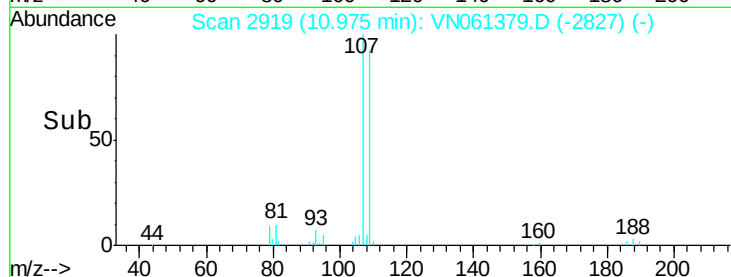
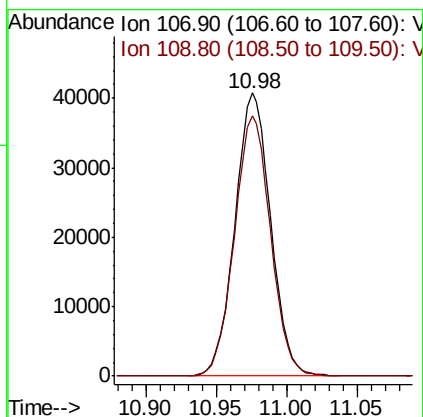
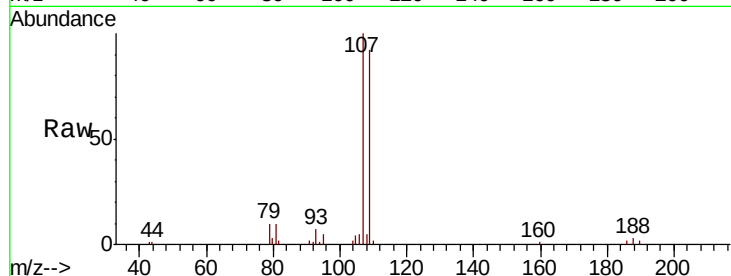




#61
 1,2-Dibromoethane
 Concen: 56.912 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

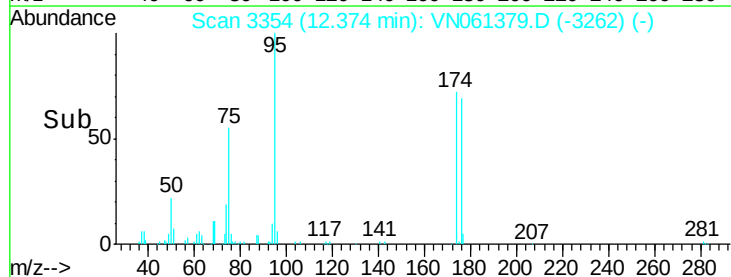
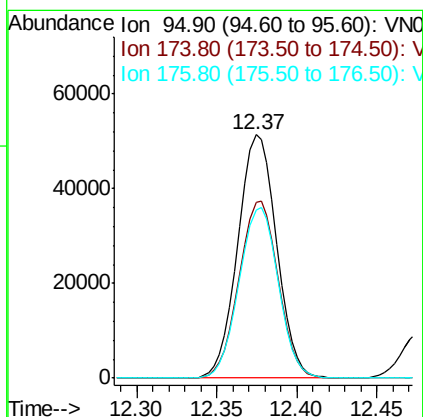
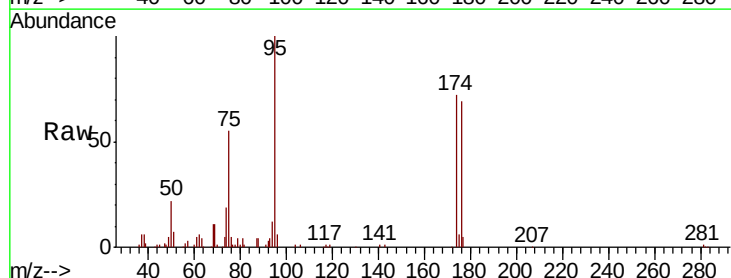
Instrument :
 MSVOA_N
 ClientSampleId :

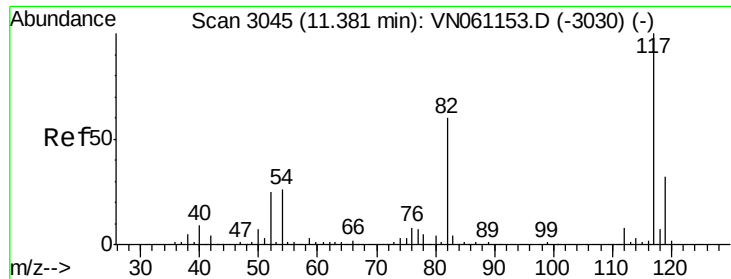
Tot Ion:107 Resp: 72398
 Ion Ratio Lower Upper
 107 100
 109 92.9 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 52.833 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion: 95 Resp: 84893
 Ion Ratio Lower Upper
 95 100
 174 73.6 0.0 149.4
 176 70.8 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: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

ClientSampleId :

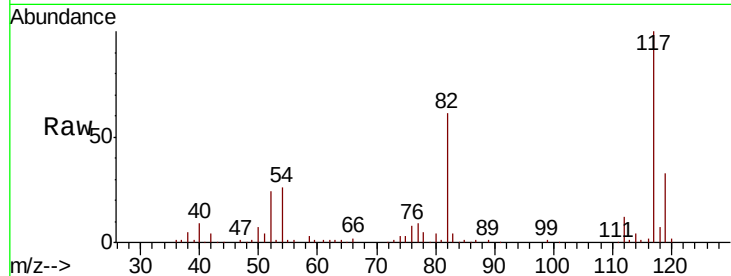
Tot Ion:117 Resp: 167894

Ion Ratio Lower Upper

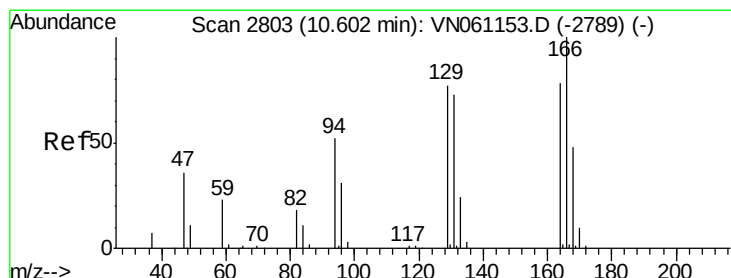
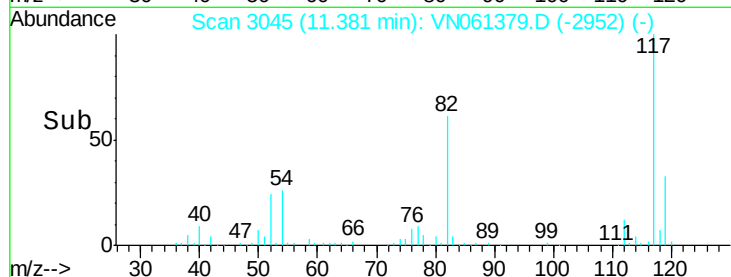
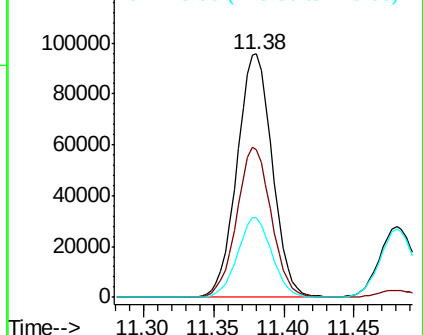
117 100

82 60.7 47.8 71.8

119 32.5 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



#64

Tetrachloroethene

Concen: 50.474 ug/l

RT: 10.60 min Scan# 2802

Delta R.T. -0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Tgt Ion:164 Resp: 73397

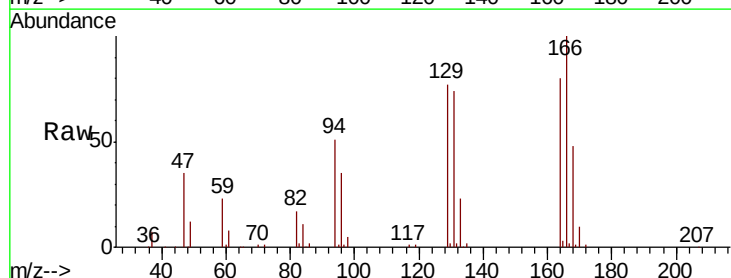
Ion Ratio Lower Upper

164 100

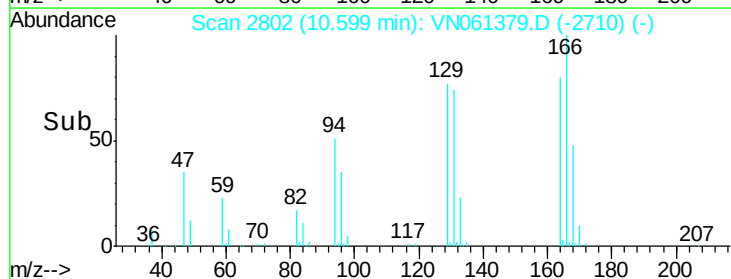
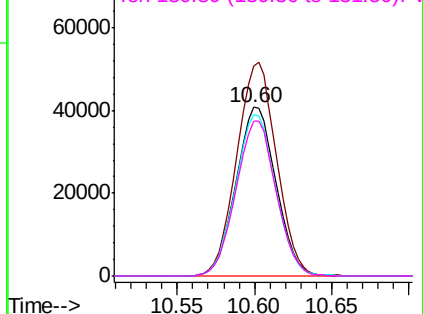
166 124.4 102.0 153.0

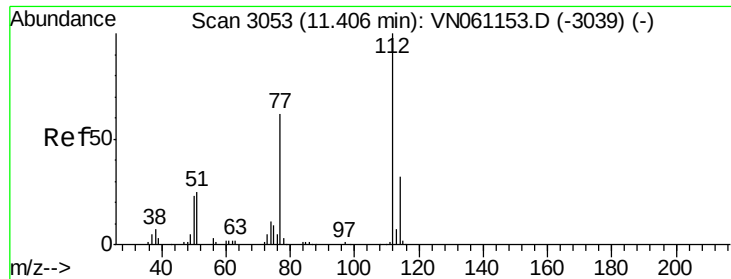
129 95.3 78.2 117.2

131 91.6 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





#65

Chlorobenzene

Concen: 55.864 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

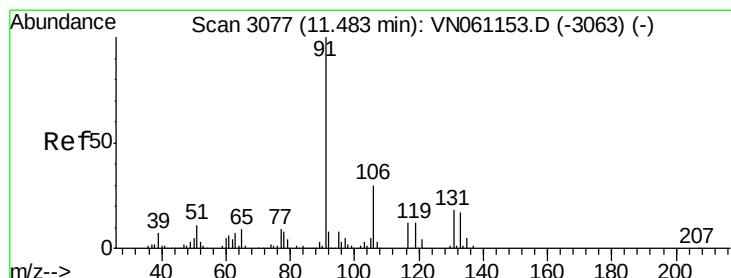
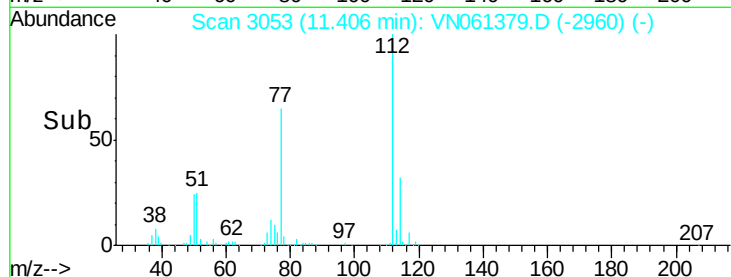
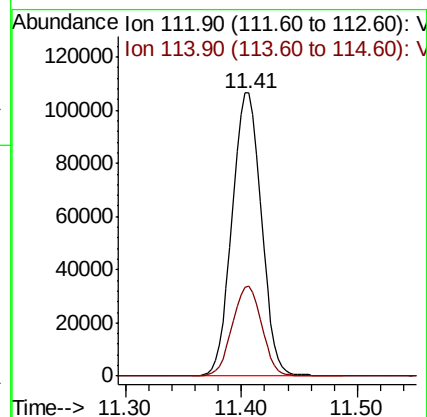
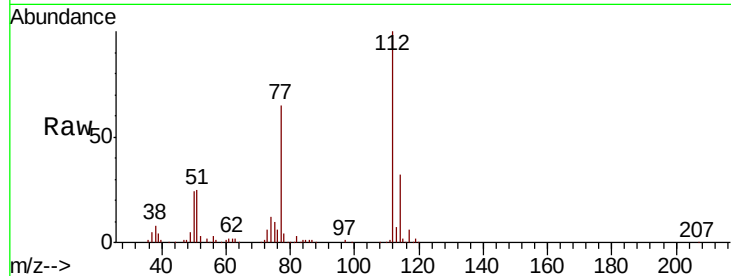
ClientSampleId :

Tot Ion:112 Resp: 186054

Ion Ratio Lower Upper

112 100

114 31.8 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 59.713 ug/l

RT: 11.48 min Scan# 3076

Delta R.T. -0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

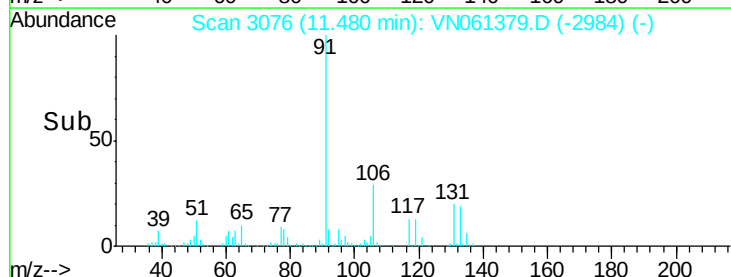
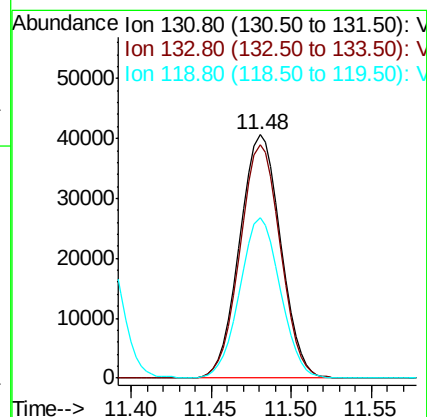
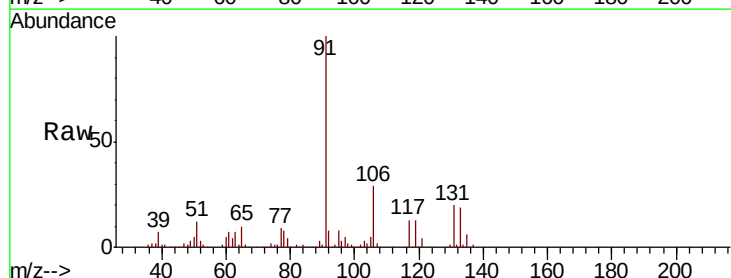
Tgt Ion:131 Resp: 71178

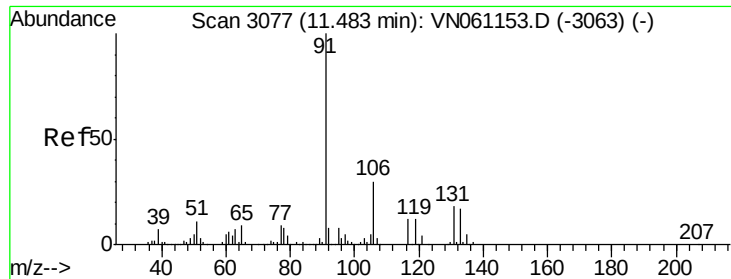
Ion Ratio Lower Upper

131 100

133 94.2 48.0 144.2

119 64.7 32.6 97.8





#67

Ethyl Benzene

Concen: 56.812 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

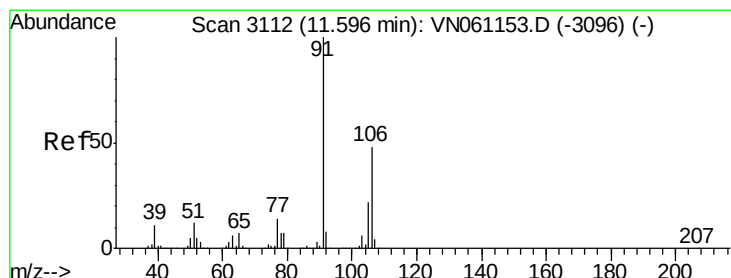
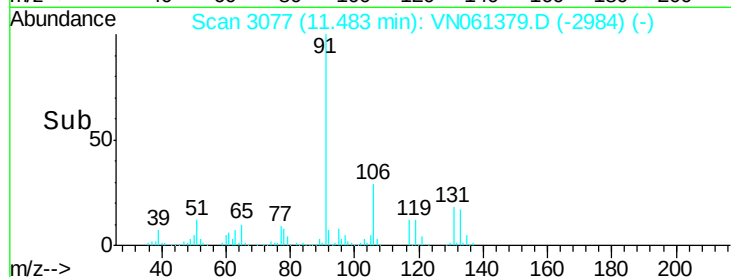
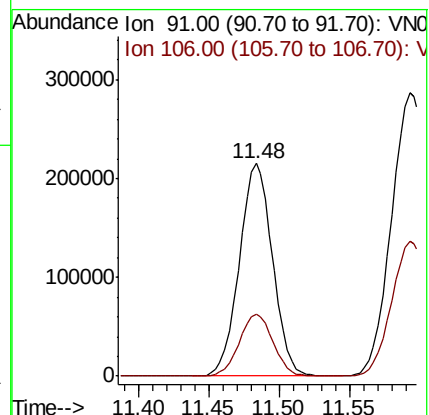
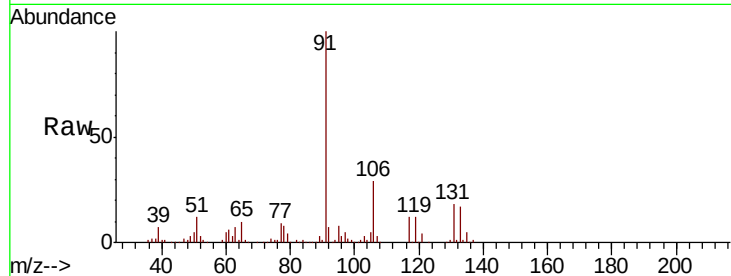
ClientSampleId :

Tot Ion: 91 Resp: 354199

Ion Ratio Lower Upper

91 100

106 29.3 23.8 35.6



#68

m/p-Xylenes

Concen: 114.122 ug/l

RT: 11.59 min Scan# 3111

Delta R.T. -0.00 min

Lab File: VN061379.D

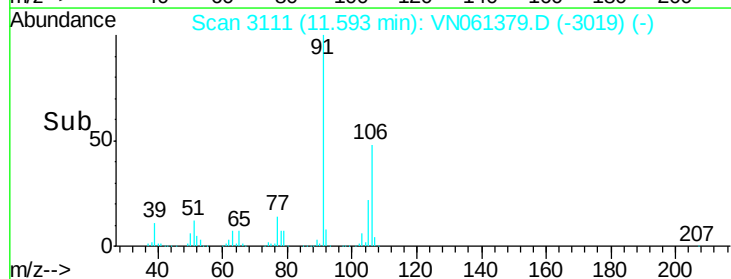
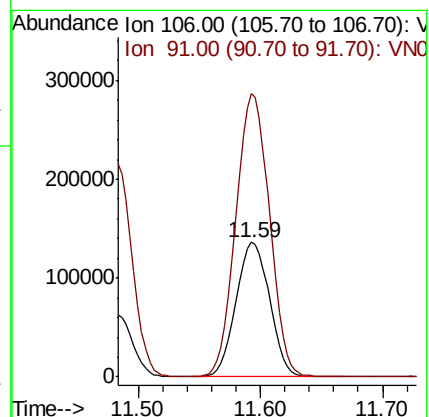
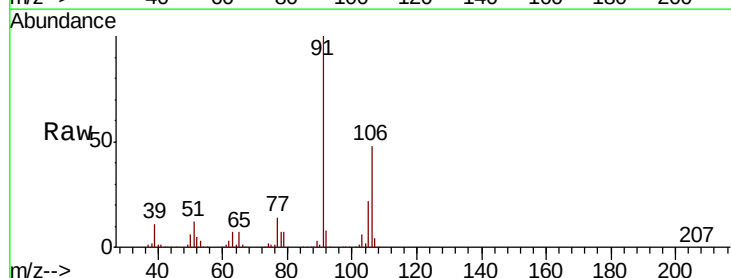
Acq: 11 May 2020 10:26

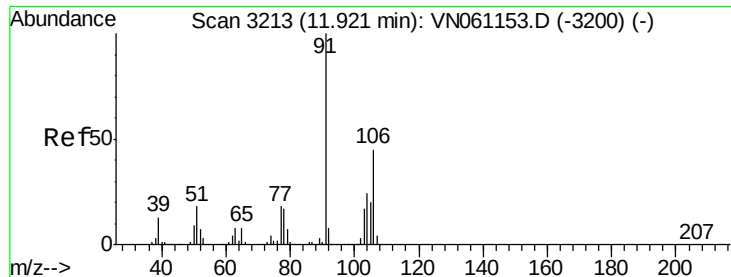
Tgt Ion: 106 Resp: 260432

Ion Ratio Lower Upper

106 100

91 210.7 166.4 249.6

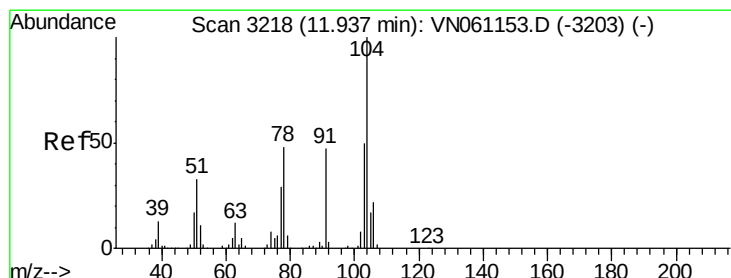
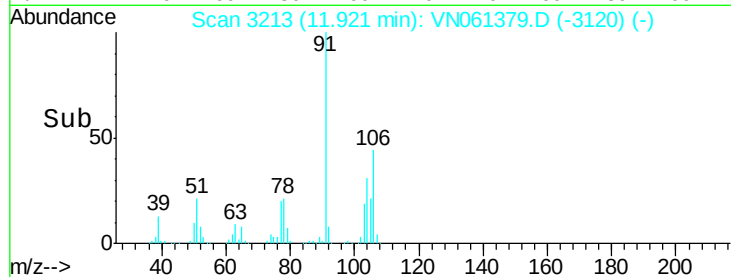
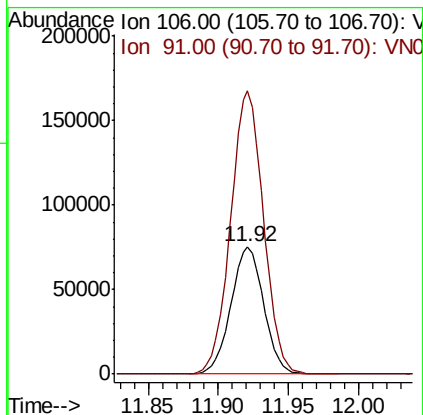
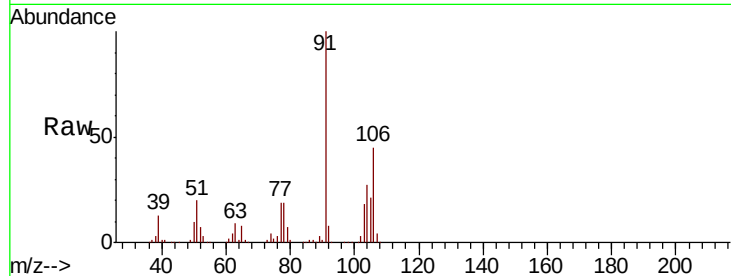




#69
o-Xylene
Concen: 55.882 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

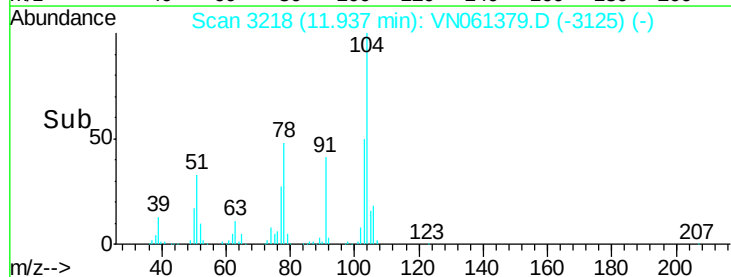
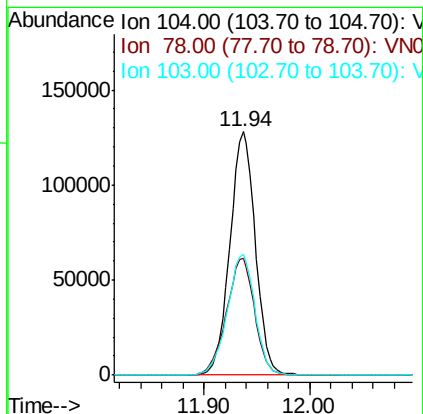
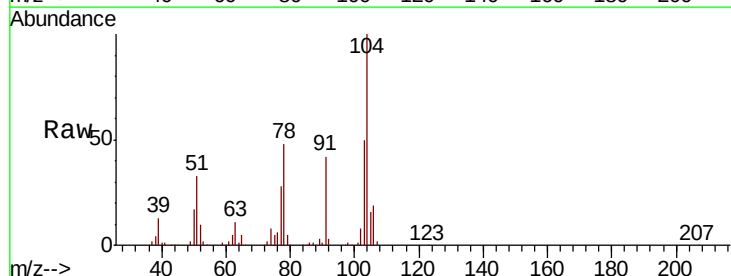
Instrument :
MSVOA_N
ClientSampled :

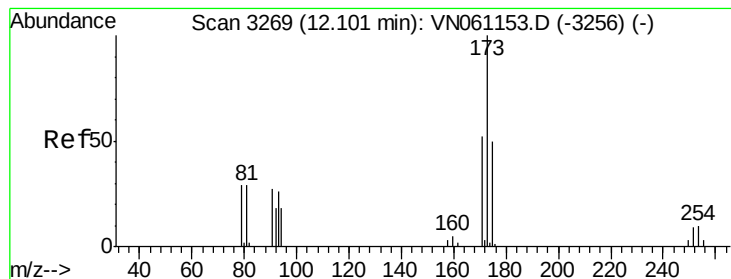
Tot Ion:106 Resp: 122497
Ion Ratio Lower Upper
106 100
91 223.4 109.7 329.0



#70
Styrene
Concen: 58.193 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion:104 Resp: 213501
Ion Ratio Lower Upper
104 100
78 53.2 42.1 63.1
103 53.9 43.3 64.9





#71

Bromoform

Concen: 60.631 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

ClientSampled :

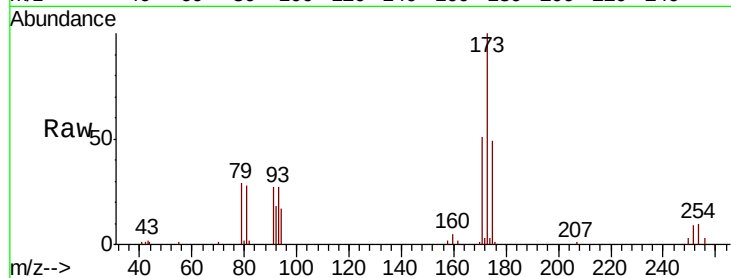
Tot Ion:173 Resp: 53116

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.4

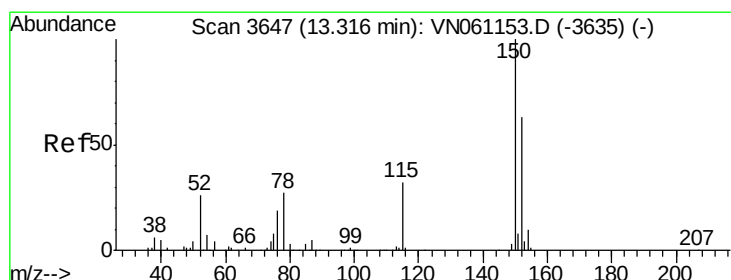
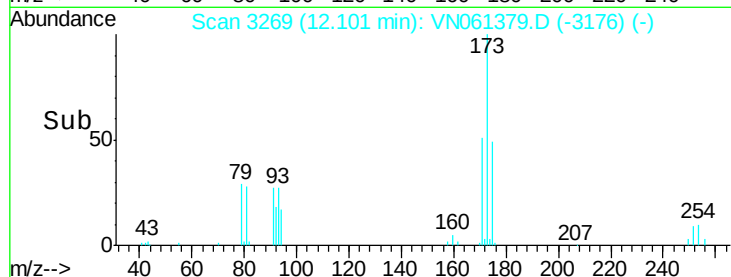
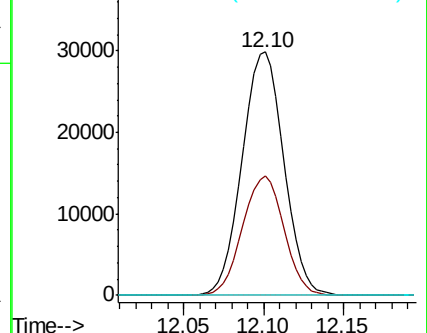
254 0.0 0.0 0.0



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: VN061379.D

Acq: 11 May 2020 10:26

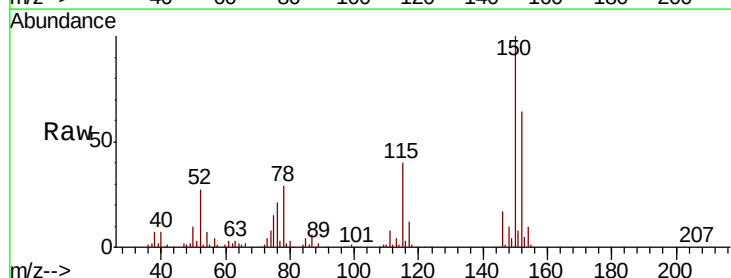
Tgt Ion:152 Resp: 82343

Ion Ratio Lower Upper

152 100

115 63.1 31.0 93.0

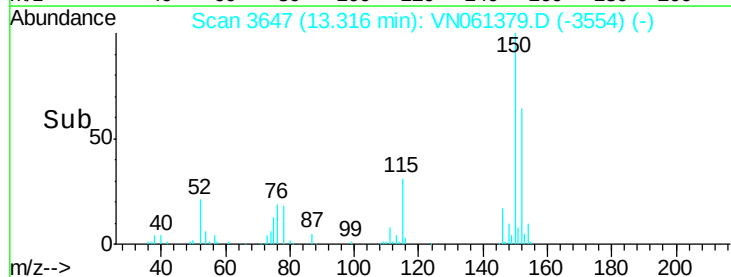
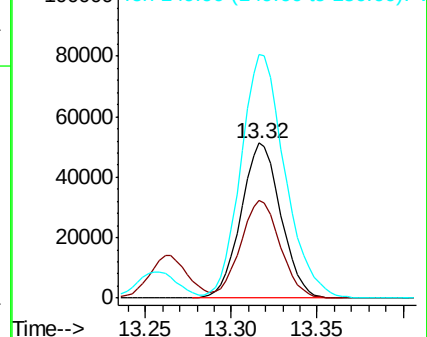
150 174.2 0.0 351.8

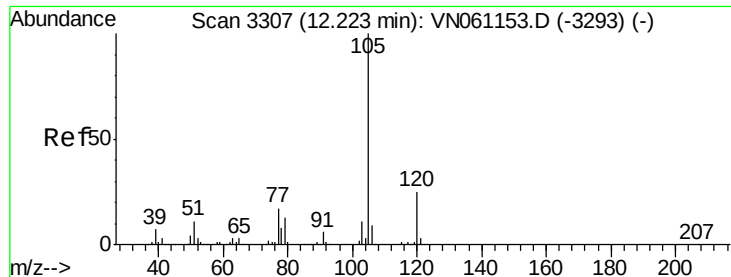


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.895 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

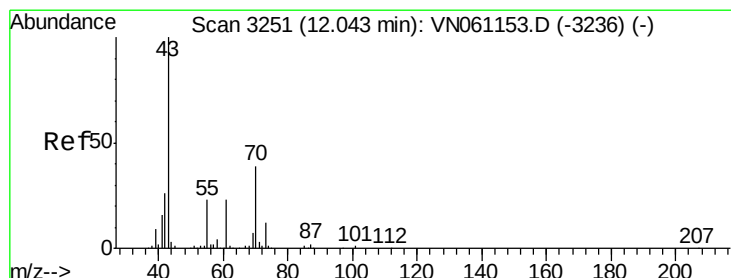
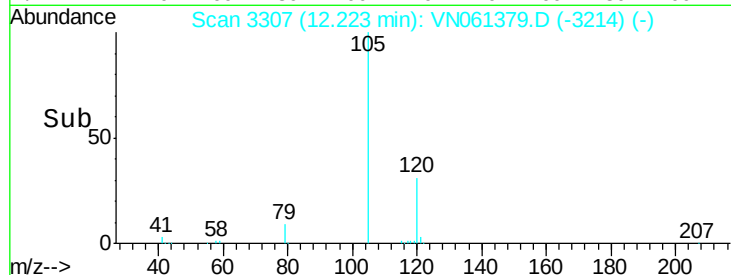
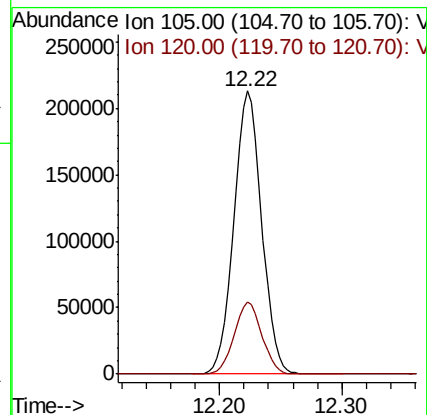
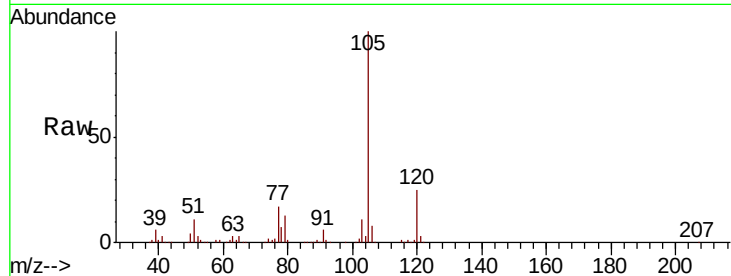
ClientSampled :

Tot Ion:105 Resp: 338355

Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.8



#74

N-ethyl acetate

Concen: 55.214 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Tgt Ion: 43 Resp: 169249

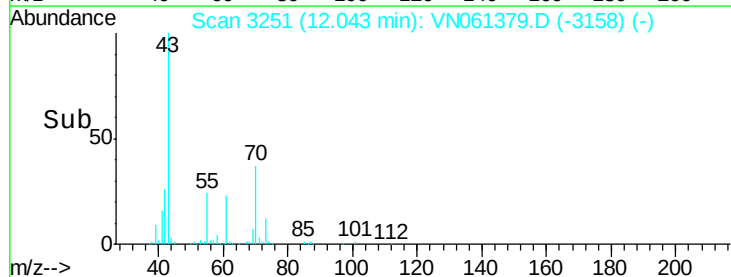
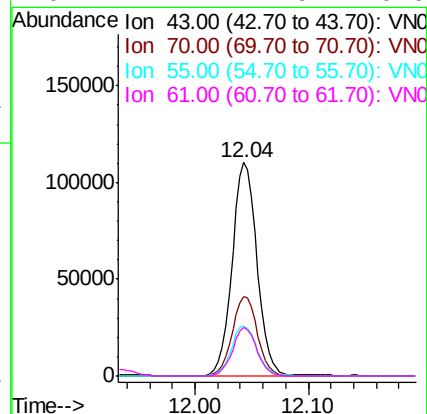
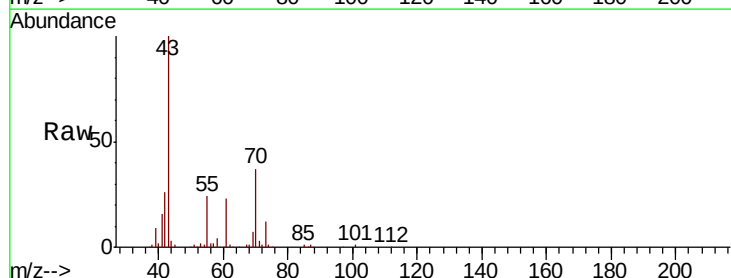
Ion Ratio Lower Upper

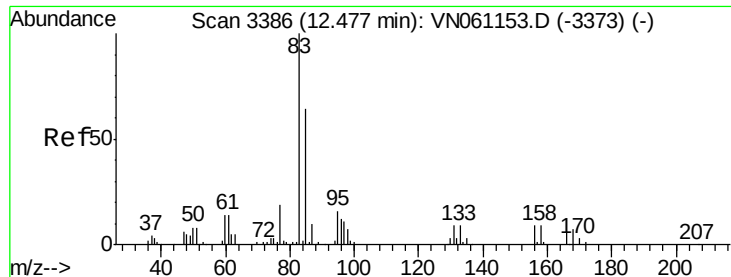
43 100

70 37.8 30.6 46.0

55 24.3 18.5 27.7

61 22.2 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 56.081 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

ClientSampleId :

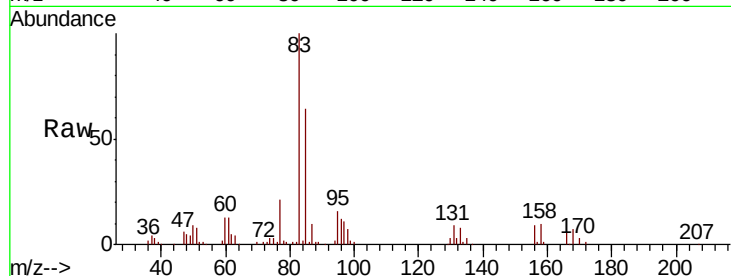
Tot Ion: 83 Resp: 105855

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.3

85 63.8 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN061379.D (-3293) (-)

Ion 130.80 (130.50 to 131.50): VN061379.D (-3293) (-)

Ion 84.90 (84.60 to 85.60): VN061379.D (-3293) (-)

12.48

80000

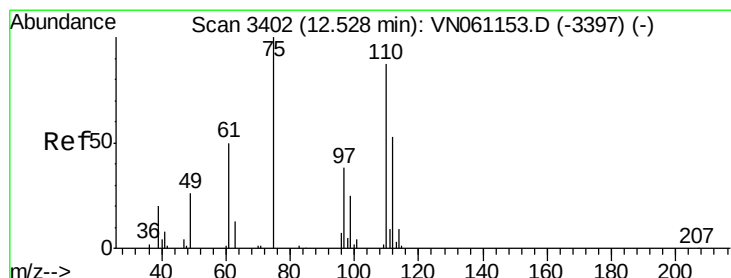
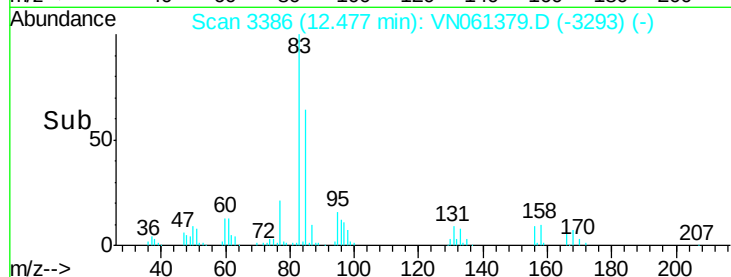
60000

40000

20000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 85.279 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061379.D

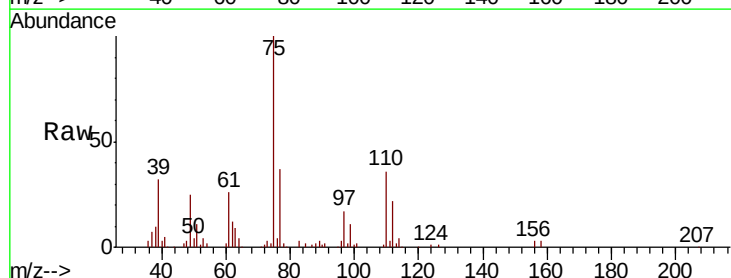
Acq: 11 May 2020 10:26

Tgt Ion: 75 Resp: 148045

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061379.D (-3309) (-)

Ion 77.00 (76.70 to 77.70): VN061379.D (-3309) (-)

12.53

100000

80000

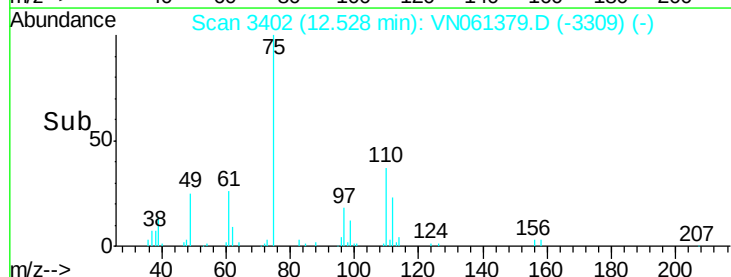
60000

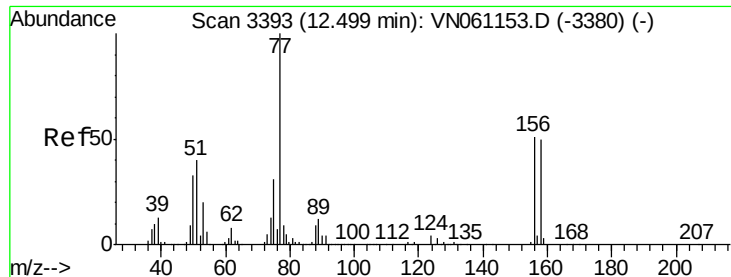
40000

20000

0

Time--> 12.40 12.50 12.60





#77

Bromobenzene

Concen: 55.075 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

ClientSampleId :

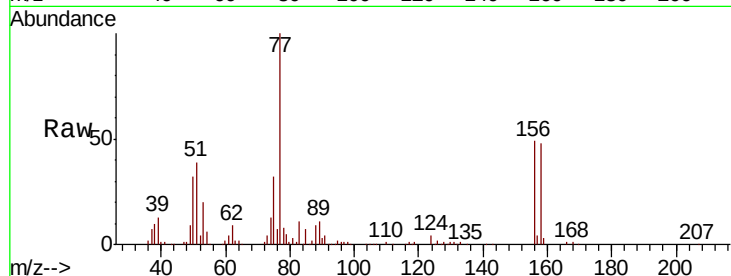
Tot Ion:156 Resp: 76962

Ion Ratio Lower Upper

156 100

77 244.4 117.4 352.2

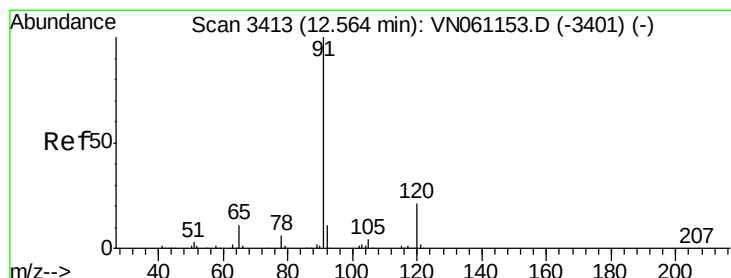
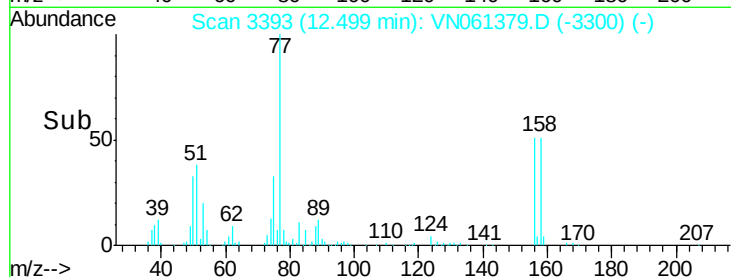
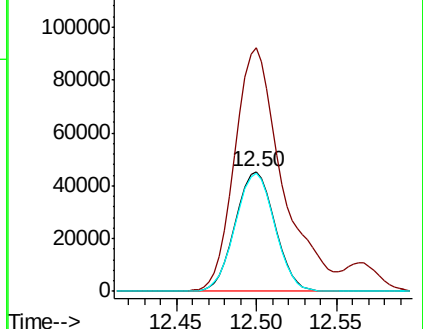
158 98.1 48.4 145.0



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: 56.610 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061379.D

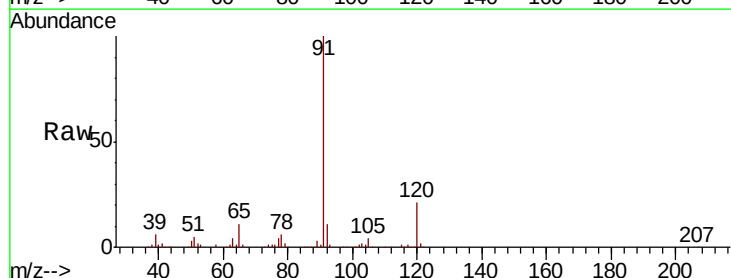
Acq: 11 May 2020 10:26

Tgt Ion: 91 Resp: 406465

Ion Ratio Lower Upper

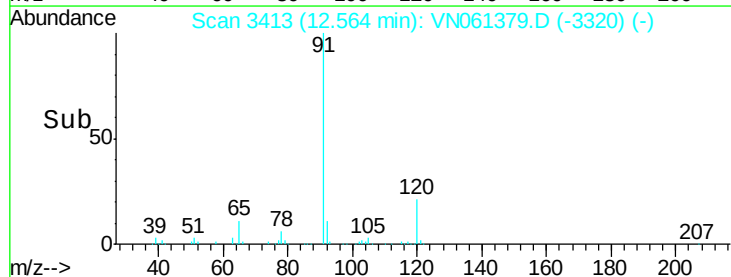
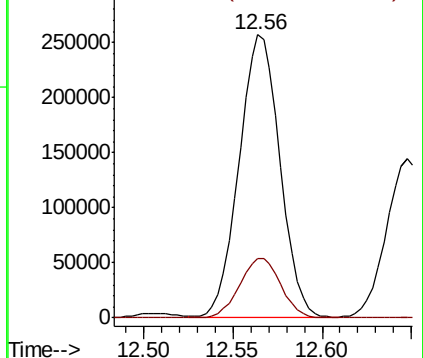
91 100

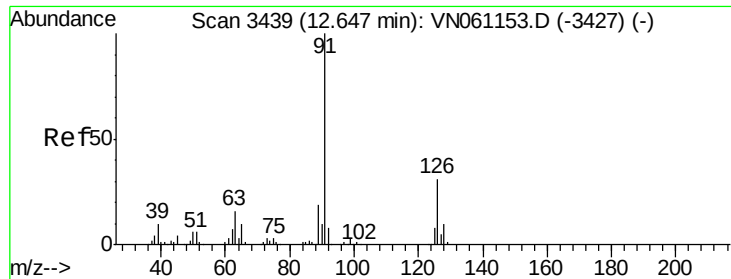
120 21.3 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

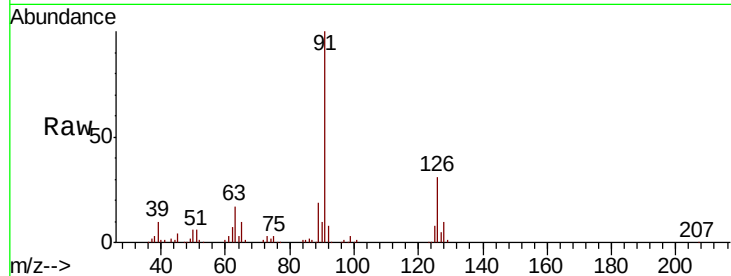




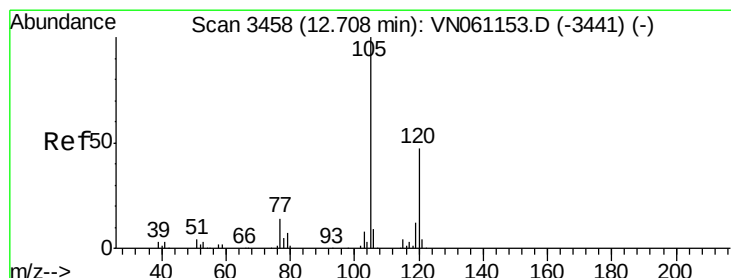
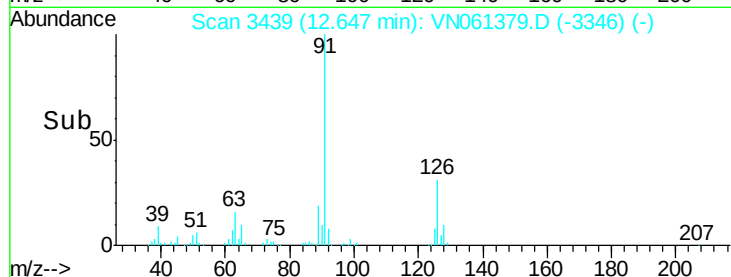
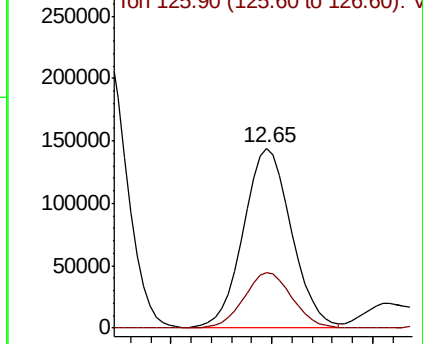
#79
 2-Chlorotoluene
 Concen: 56.345 ug/l
 RT: 12.65 min Scan# 3439
 Delta R.T. 0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 237788
 Ion Ratio Lower Upper
 91 100
 126 31.3 15.9 47.7

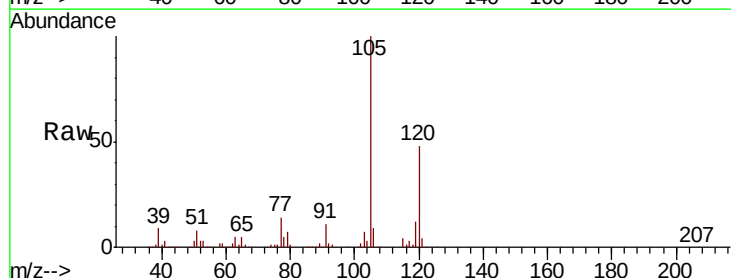


Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)
 Ion 125.90 (125.60 to 126.60): VN061153.D (-3427) (-)

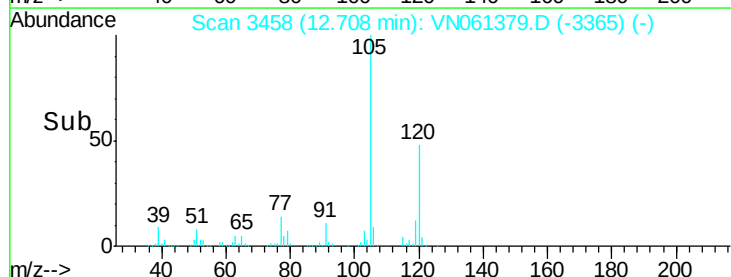
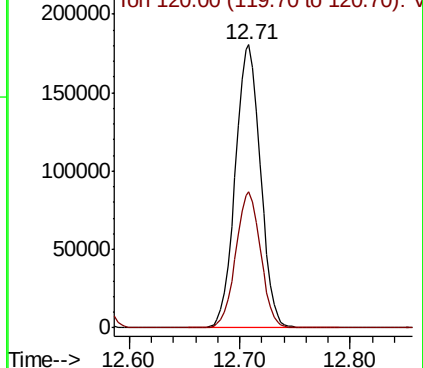


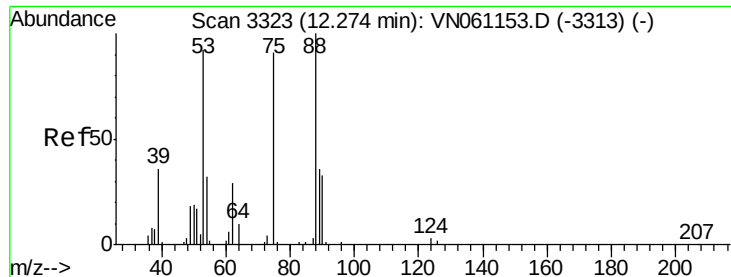
#80
 1,3,5-Trimethylbenzene
 Concen: 56.916 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion: 105 Resp: 285158
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061153.D (-3441) (-)
 Ion 120.00 (119.70 to 120.70): VN061153.D (-3441) (-)

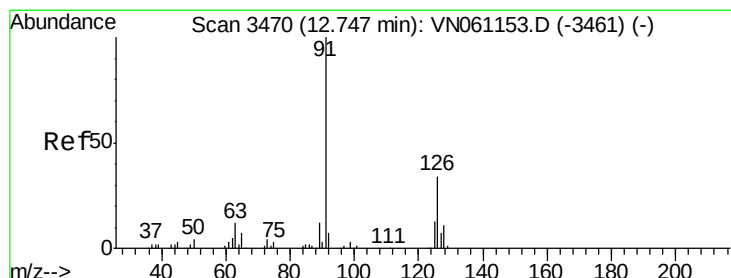
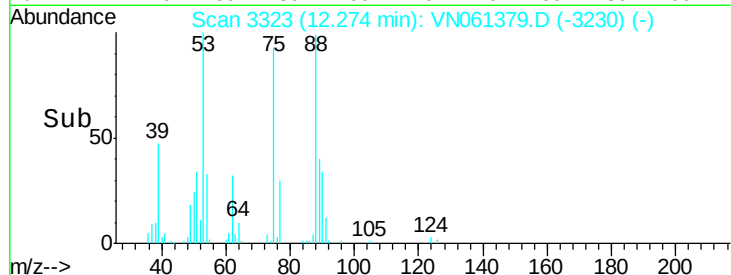
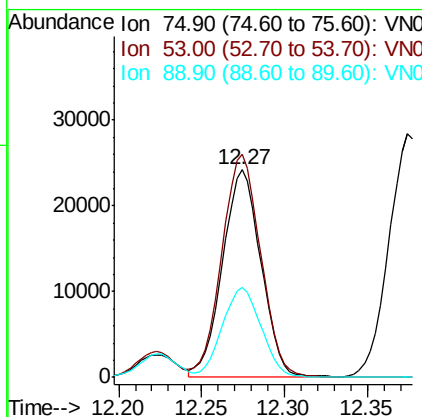
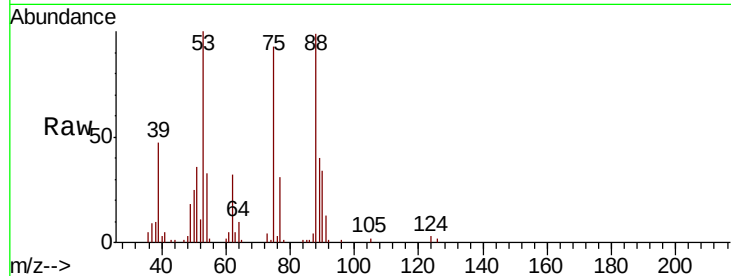




#81
trans-1,4-Dichloro-2-butene
Concen: 57.280 ug/l
RT: 12.27 min Scan# 3323
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

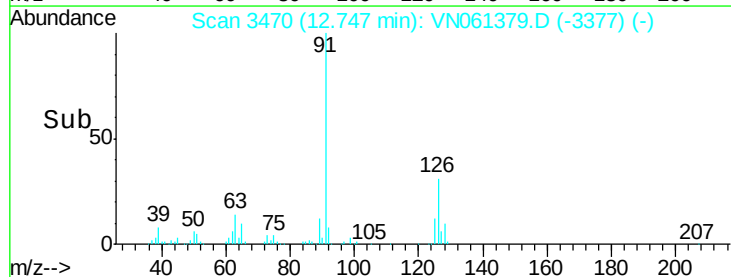
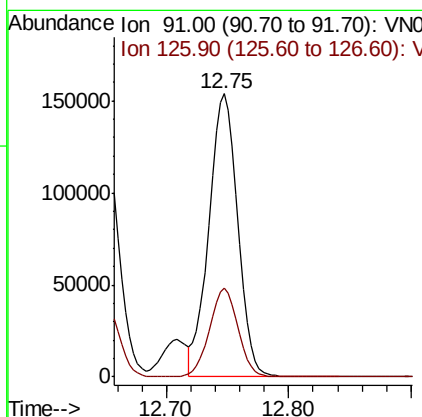
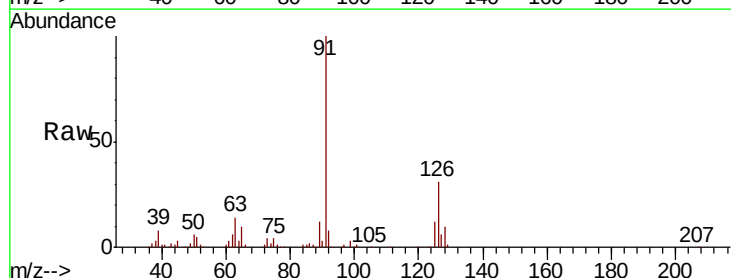
Instrument :
MSVOA_N
ClientSampleId :

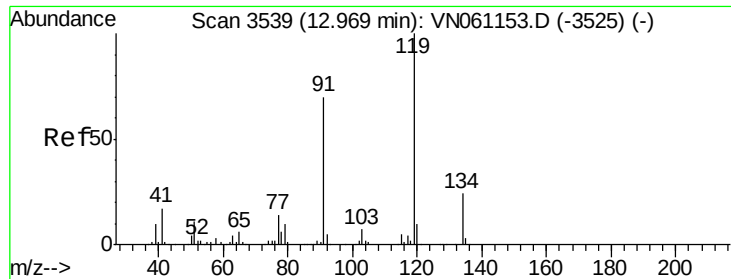
Tot Ion: 75 Resp: 39157
Ion Ratio Lower Upper
75 100
53 108.4 84.1 126.1
89 43.6 35.2 52.8



#82
4-Chlorotoluene
Concen: 57.369 ug/l
RT: 12.75 min Scan# 3470
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion: 91 Resp: 255176
Ion Ratio Lower Upper
91 100
126 30.8 15.7 47.1

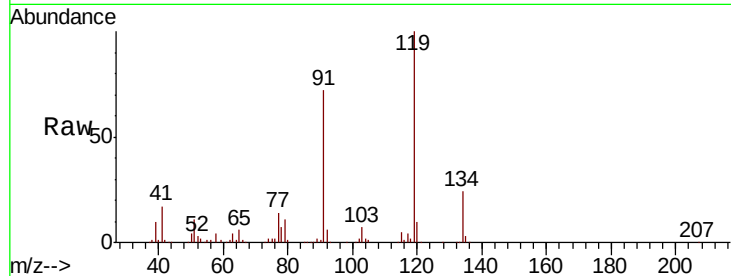




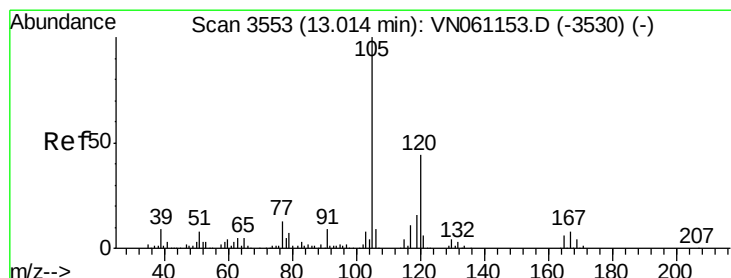
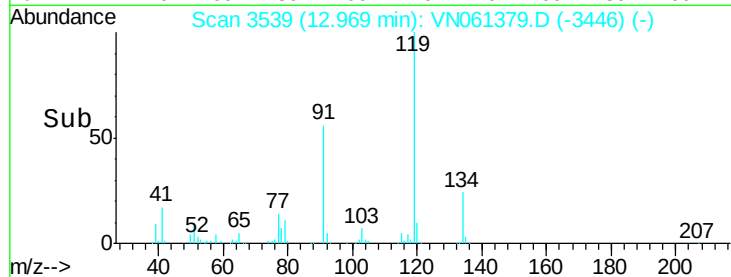
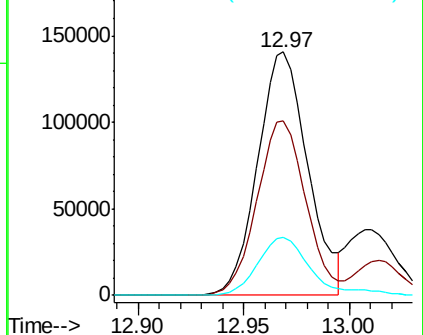
#83
 tert-Butylbenzene
 Concen: 55.054 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:119 Resp: 232582
 Ion Ratio Lower Upper
 119 100
 91 69.6 34.8 104.4
 134 25.4 12.9 38.7

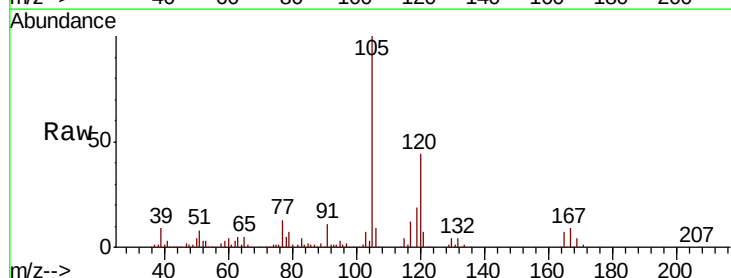


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

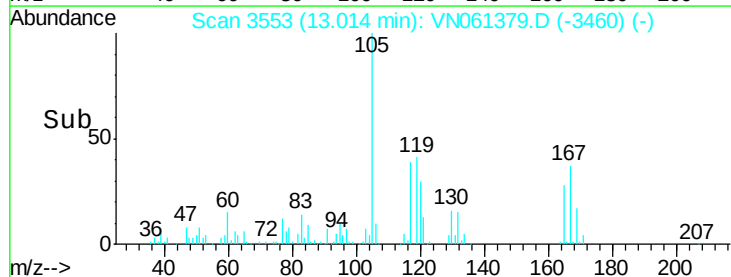
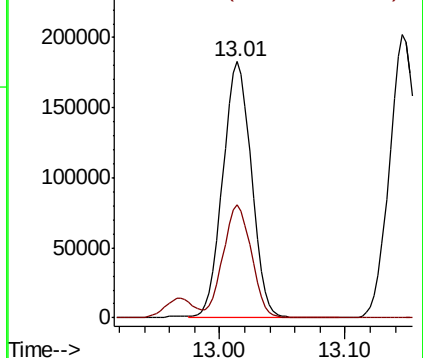


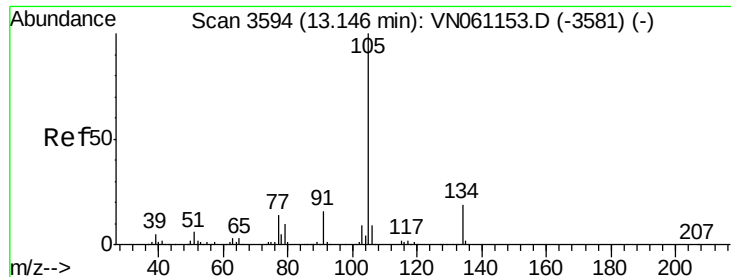
#84
 1,2,4-Trimethylbenzene
 Concen: 56.095 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion:105 Resp: 289555
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.2 66.6



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





#85

sec-Butylbenzene

Concen: 55.176 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

Instrument :

MSVOA_N

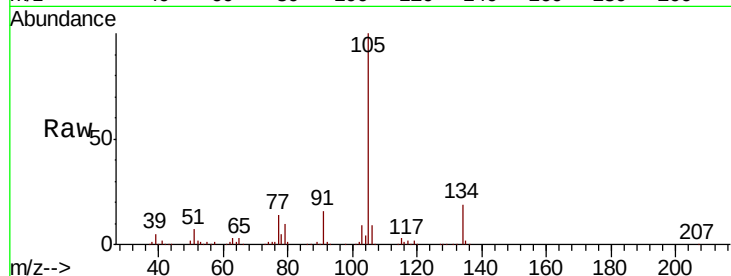
ClientSampleId :

Tot Ion:105 Resp: 317798

Ion Ratio Lower Upper

105 100

134 19.0 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

200000

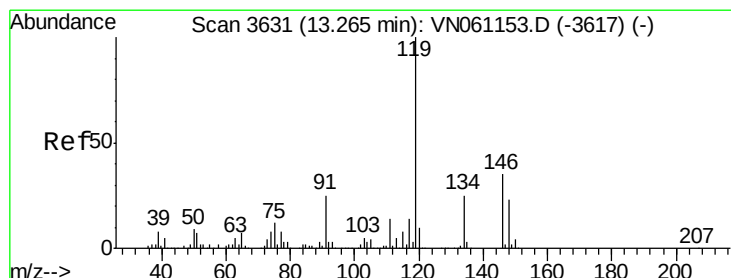
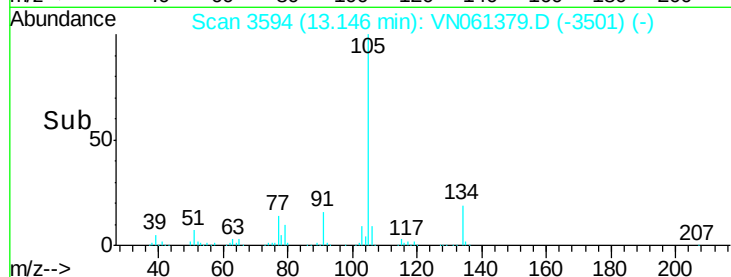
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 55.385 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061379.D

Acq: 11 May 2020 10:26

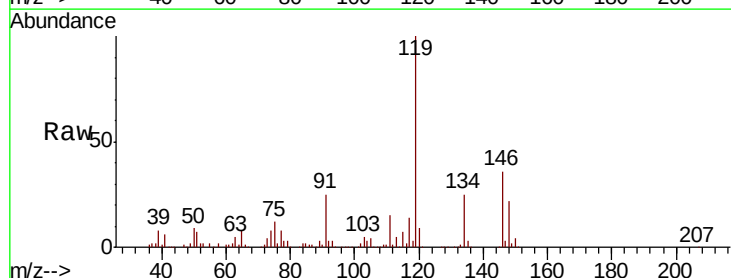
Tgt Ion:119 Resp: 287416

Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.6

91 25.4 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

250000

200000

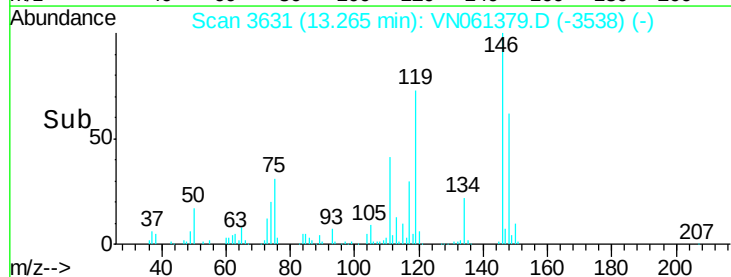
150000

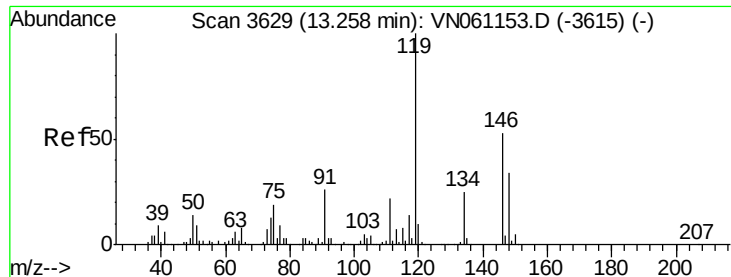
100000

50000

0

Time-->

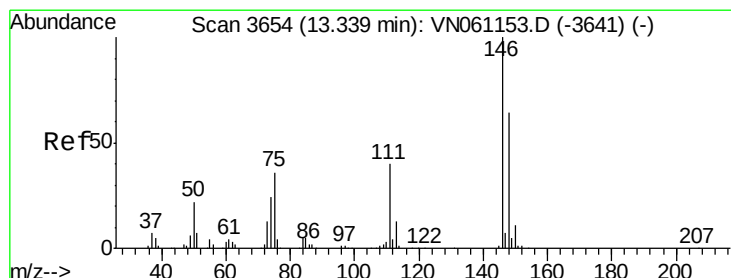
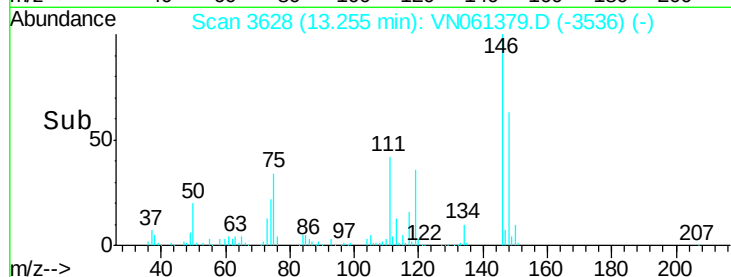
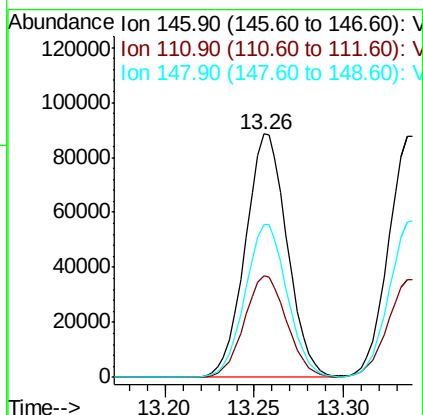
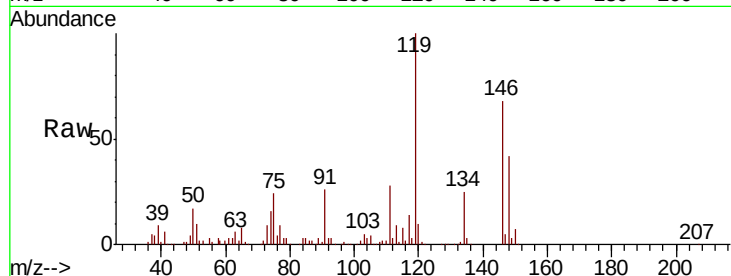




#87
 1,3-Dichlorobenzene
 Concen: 56.546 ug/l
 RT: 13.26 min Scan# 3628
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

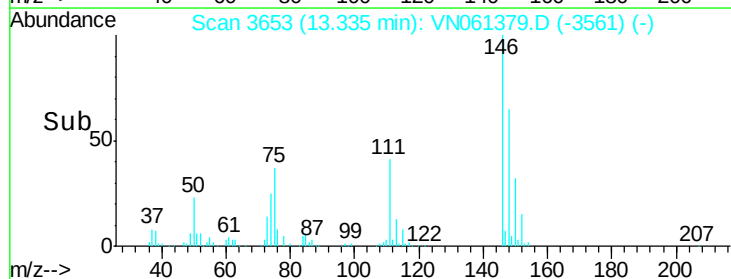
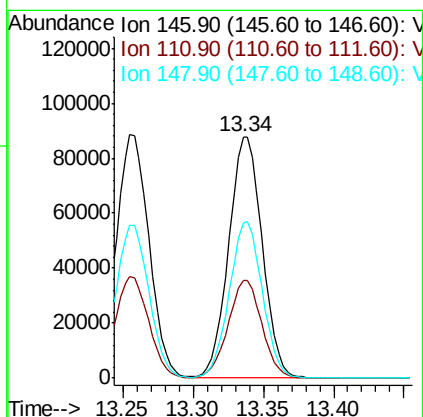
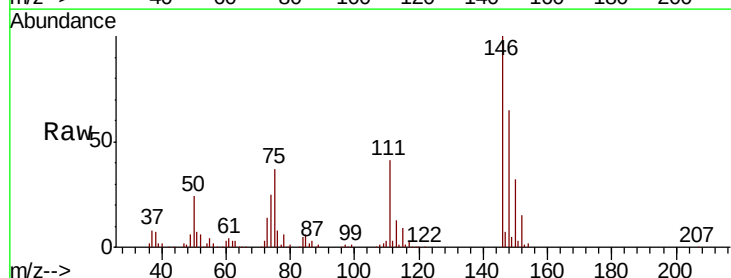
Instrument :
 MSVOA_N
 ClientSampled :

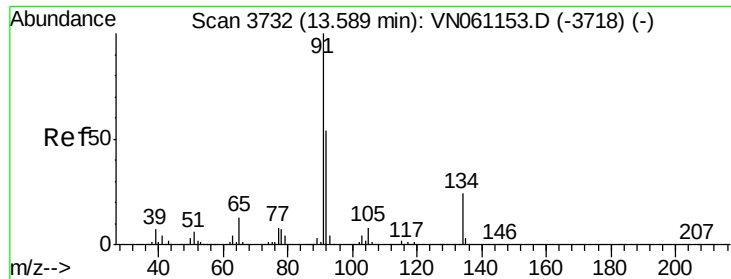
Tot Ion:146 Resp: 145464
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.7 62.1
 148 63.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 55.772 ug/l
 RT: 13.34 min Scan# 3653
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion:146 Resp: 146593
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.4 61.3
 148 63.8 31.9 95.7

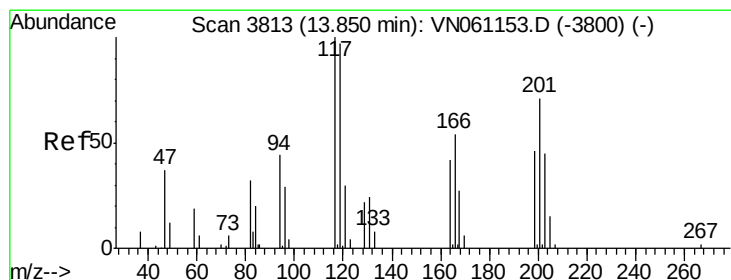
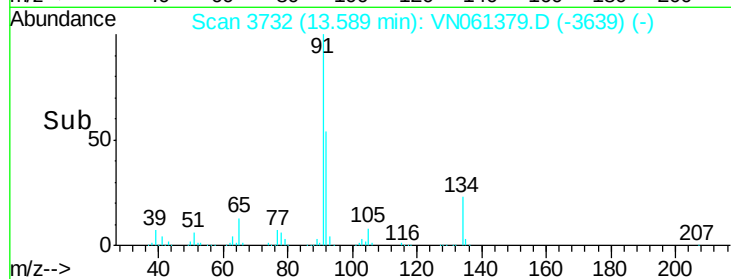
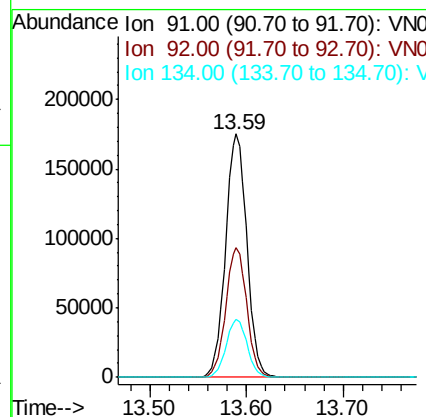
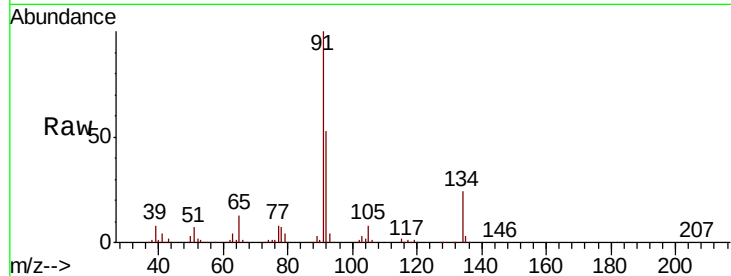




#89
n-Butylbenzene
Concen: 56.121 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

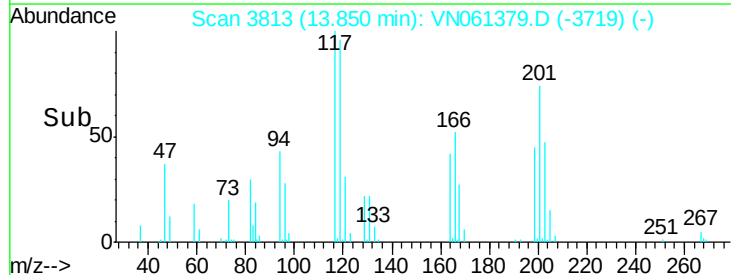
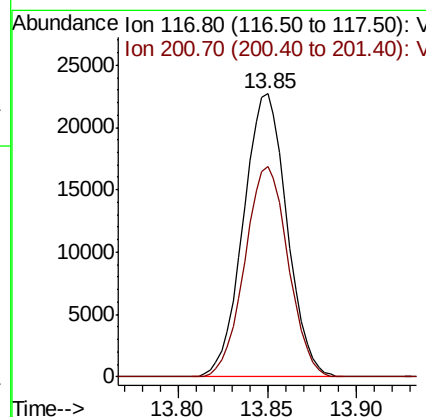
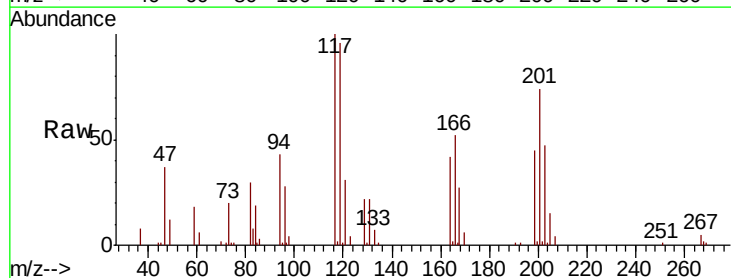
Instrument :
MSVOA_N
ClientSampled :

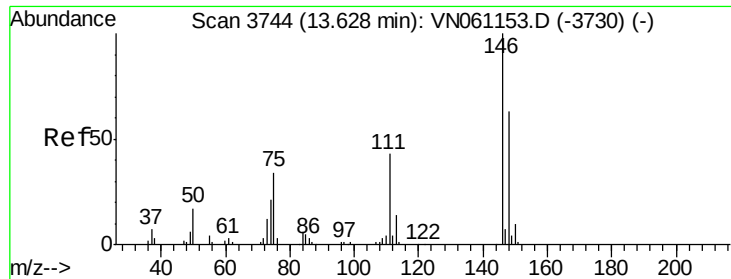
Tot Ion: 91 Resp: 266989
Ion Ratio Lower Upper
91 100
92 52.5 26.8 80.3
134 23.6 11.9 35.5



#90
Hexachloroethane
Concen: 68.139 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion: 117 Resp: 38650
Ion Ratio Lower Upper
117 100
201 73.9 35.5 106.7

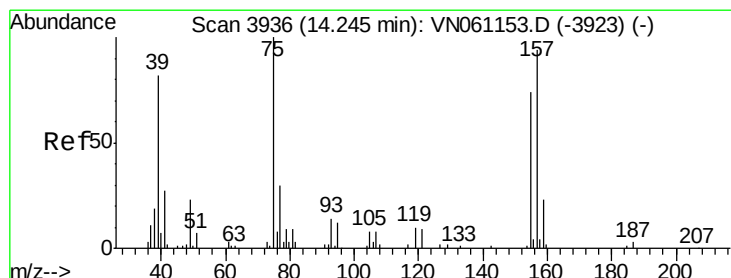
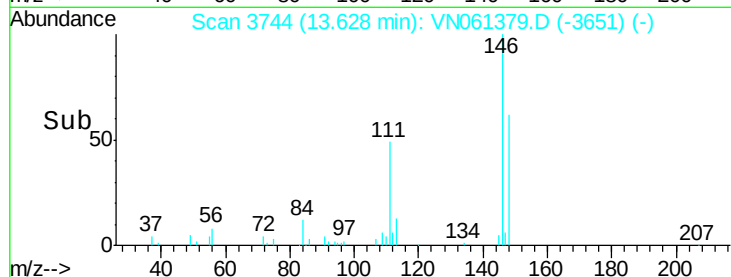
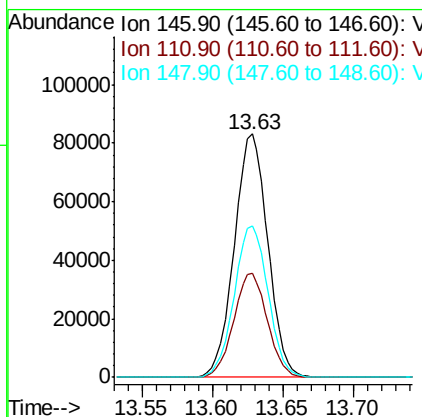
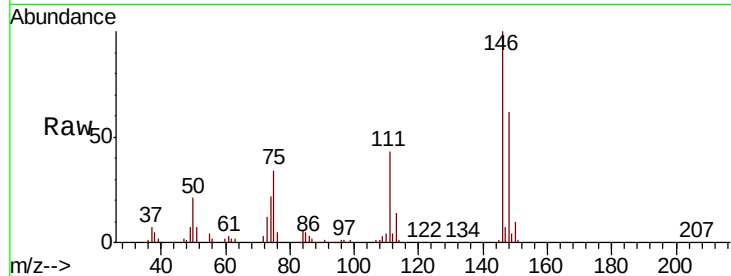




#91
 1,2-Dichlorobenzene
 Concen: 56.148 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

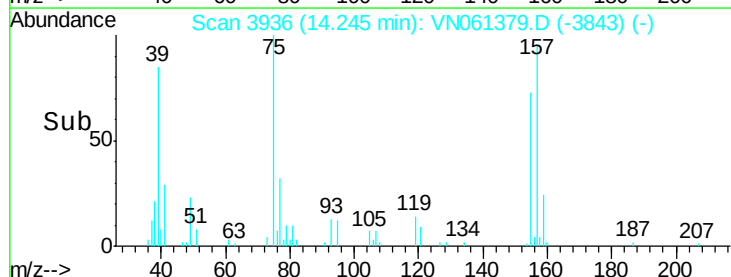
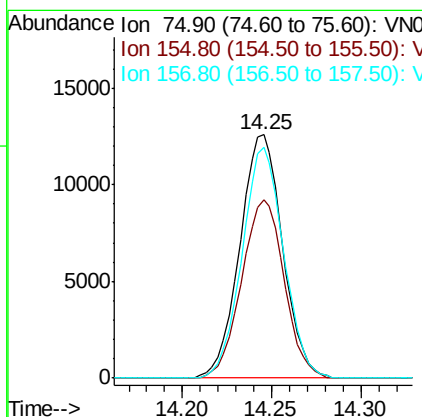
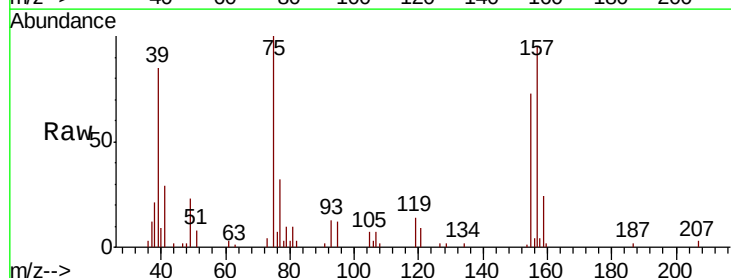
Instrument :
 MSVOA_N
 ClientSampleId :

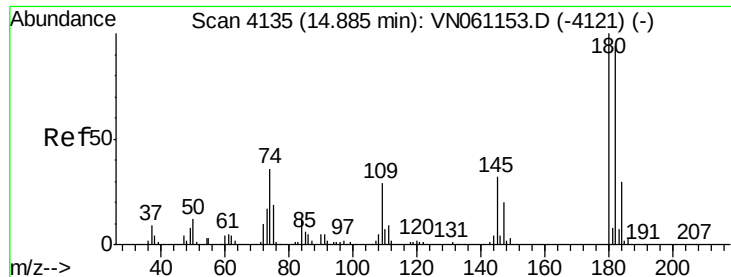
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.8	65.3
148	62.9	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.746 ug/l
 RT: 14.25 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.1	36.5	109.7
157	92.2	46.6	139.7

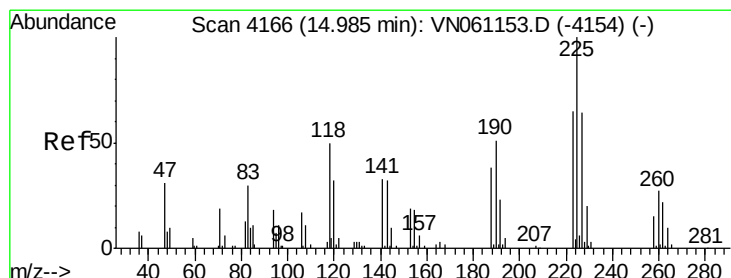
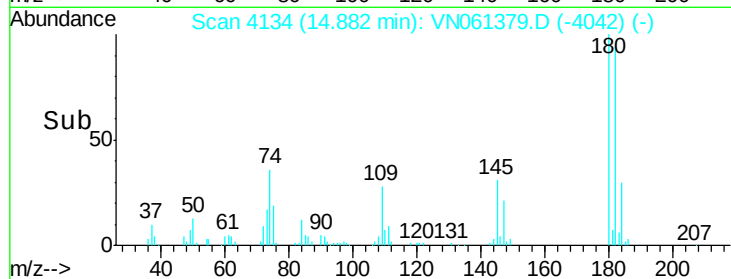
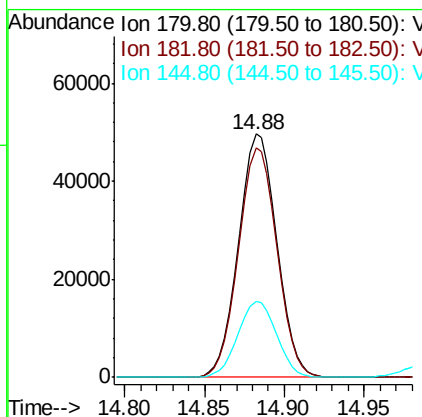
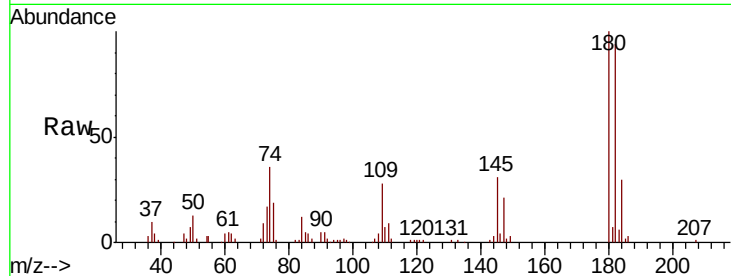




#93
 1,2,4-Trichlorobenzene
 Concen: 53.973 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

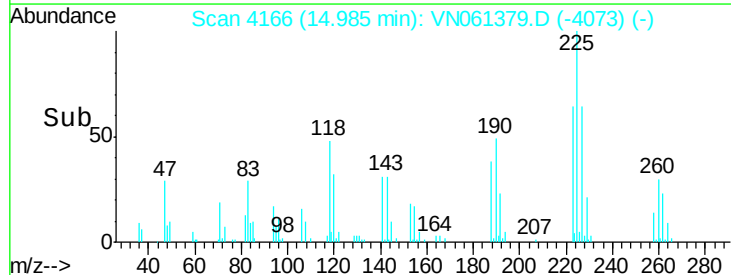
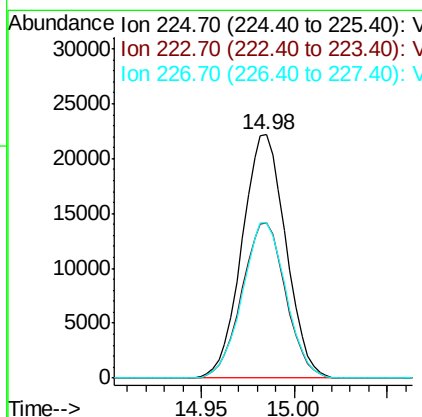
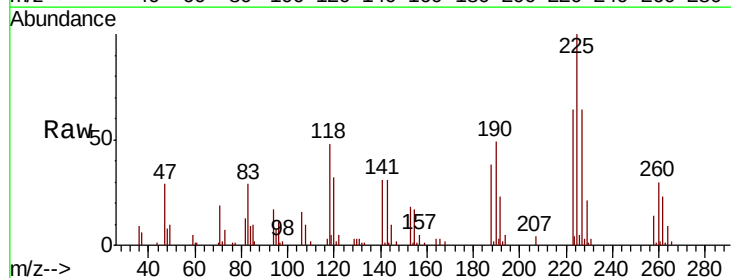
Instrument :
 MSVOA_N
 ClientSampleId :

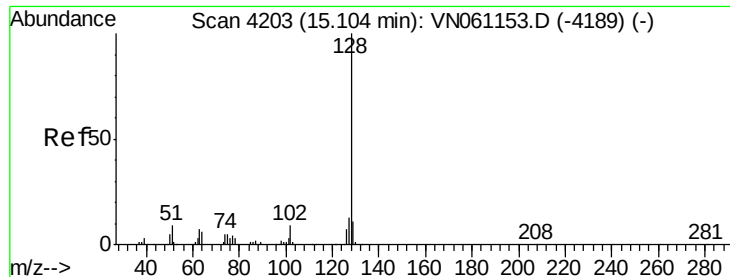
Tot Ion:180 Resp: 81069
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.3 141.9
 145 31.4 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 58.157 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061379.D
 Acq: 11 May 2020 10:26

Tgt Ion:225 Resp: 36494
 Ion Ratio Lower Upper
 225 100
 223 63.6 32.4 97.0
 227 63.7 32.4 97.0

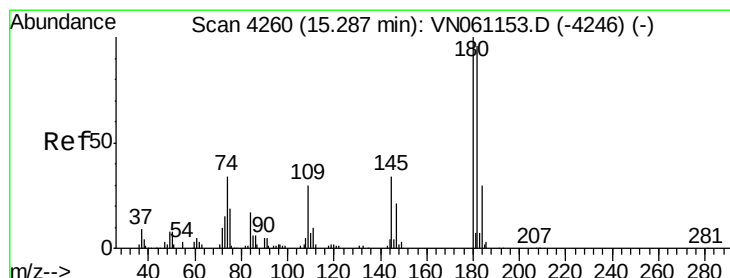
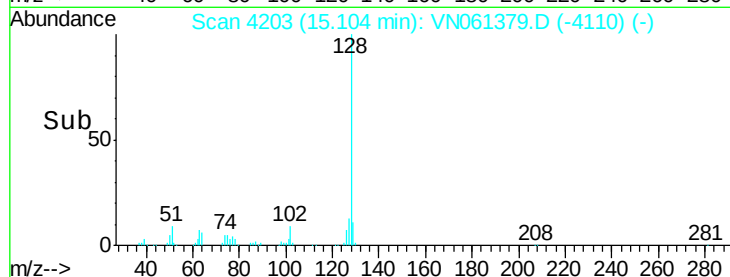
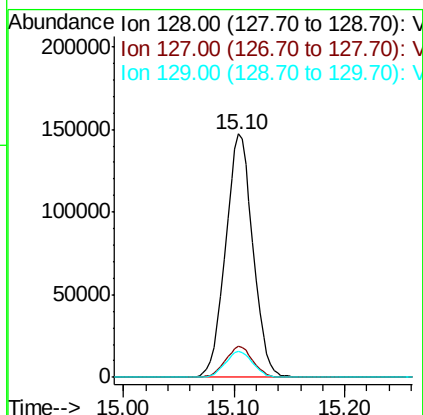
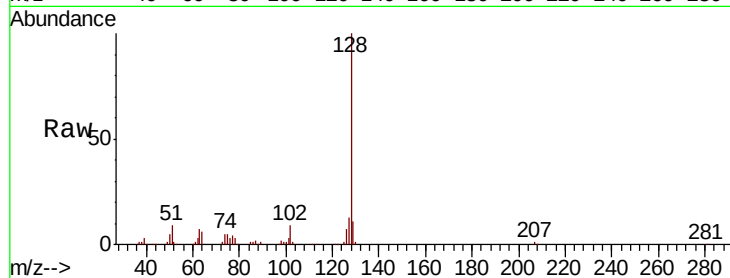




#95
Naphthalene
Concen: 51.549 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 252160
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.204 ug/l
RT: 15.28 min Scan# 4259
Delta R.T. -0.00 min
Lab File: VN061379.D
Acq: 11 May 2020 10:26

Tgt Ion:180 Resp: 78900
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.5
145 33.7 16.9 50.7

