

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061224.D
 Acq On : 1 May 2020 12:48
 Operator : JC/MD
 Sample : VN0501MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 04 00:52:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	119689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	203286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	186489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	87253	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	92934	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	7.54	113	59894	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
50) Toluene-d8	10.06	98	250287	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.38	95	91815	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	22154	17.455	ug/l 99
3) Chloromethane	2.03	50	31519	20.505	ug/l 99
4) Vinyl Chloride	2.16	62	30101	17.241	ug/l 98
5) Bromomethane	2.54	94	12956	15.012	ug/l 96
6) Chloroethane	2.67	64	17995	16.261	ug/l 97
7) Trichlorofluoromethane	2.98	101	38285	19.436	ug/l 100
8) Diethyl Ether	3.37	74	17400	21.178	ug/l 92
9) 1,1,2-Trichlorotrifluoroet	3.71	101	24450	19.267	ug/l 97
10) Methyl Iodide	3.91	142	28861	17.697	ug/l 94
11) Tert butyl alcohol	4.72	59	24007	94.629	ug/l 97
12) 1,1-Dichloroethene	3.70	96	23588	18.679	ug/l 97
13) Acrolein	3.56	56	13046	77.166	ug/l 100
14) Allyl chloride	4.27	41	53230	22.733	ug/l 91
15) Acrylonitrile	4.93	53	79364	101.908	ug/l 99
16) Acetone	3.77	43	70382	92.614	ug/l 97
17) Carbon Disulfide	4.01	76	61776	17.709	ug/l 99
18) Methyl Acetate	4.27	43	43944	18.811	ug/l 96
19) Methyl tert-butyl Ether	4.99	73	90653	18.787	ug/l 97
20) Methylene Chloride	4.50	84	28289	19.156	ug/l 97
21) trans-1,2-Dichloroethene	4.99	96	25317	18.411	ug/l 98
22) Diisopropyl ether	5.90	45	110916	20.428	ug/l 97
23) Vinyl Acetate	5.84	43	427952	97.887	ug/l 100
24) 1,1-Dichloroethane	5.79	63	54405	19.177	ug/l 99
25) 2-Butanone	6.78	43	105419	94.069	ug/l 99
26) 2,2-Dichloropropane	6.77	77	43717	18.295	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	29989	18.584	ug/l 99
28) Bromochloromethane	7.15	49	29476	21.921	ug/l 93
29) Tetrahydrofuran	7.16	42	73773	97.726	ug/l 96
30) Chloroform	7.33	83	51008	17.742	ug/l 97
31) Cyclohexane	7.61	56	48906	17.751	ug/l 97
32) 1,1,1-Trichloroethane	7.53	97	42527	16.987	ug/l 99
36) 1,1-Dichloropropene	7.75	75	37791	18.571	ug/l 99
37) Ethyl Acetate	6.88	43	46321	19.416	ug/l 99
38) Carbon Tetrachloride	7.73	117	30422	17.922	ug/l 98

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

39) Methylcyclohexane	9.04	83	40702	17.835	ug/l	95
40) Benzene	8.00	78	113801	18.771	ug/l	100
41) Methacrylonitrile	7.16	41	65742	66.370	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	42828	18.647	ug/l	100
43) Isopropyl Acetate	8.12	43	74738	18.877	ug/l	99
44) Trichloroethene	8.80	130	28283	17.257	ug/l	97
45) 1,2-Dichloropropane	9.08	63	31879	19.682	ug/l	97
46) Dibromomethane	9.17	93	19366	19.310	ug/l	97
47) Bromodichloromethane	9.37	83	39008	18.122	ug/l	97
48) Methyl methacrylate	9.17	41	34148	19.113	ug/l	93
49) 1,4-Dioxane	9.17	88	8016	395.254	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	223948	96.094	ug/l	100
52) Toluene	10.12	92	68115	18.653	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	44531	18.360	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	47653	18.584	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	26853	18.436	ug/l	96
56) Ethyl methacrylate	10.40	69	41255	18.094	ug/l	96
57) 1,3-Dichloropropane	10.68	76	49808	19.454	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	115590	98.039	ug/l	98
59) 2-Hexanone	10.72	43	157341	92.799	ug/l	99
60) Dibromochloromethane	10.87	129	27296	17.893	ug/l	100
61) 1,2-Dibromoethane	10.98	107	26414	18.093	ug/l	99
64) Tetrachloroethene	10.60	164	28355	17.555	ug/l	99
65) Chlorobenzene	11.41	112	68242	18.447	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	24482	18.491	ug/l	98
67) Ethyl Benzene	11.48	91	128208	18.514	ug/l	100
68) m/p-Xylenes	11.60	106	93867	37.032	ug/l	98
69) o-Xylene	11.92	106	44024	18.081	ug/l	98
70) Styrene	11.94	104	73910	18.137	ug/l	99
71) Bromoform	12.10	173	17921	18.417	ug/l #	98
73) Isopropylbenzene	12.22	105	120483	18.783	ug/l	100
74) N-amyl acetate	12.05	43	60606	18.659	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	38814	19.406	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	52435	28.505	ug/l #	100
77) Bromobenzene	12.50	156	27343	18.466	ug/l	95
78) n-propylbenzene	12.57	91	143967	18.923	ug/l	100
79) 2-Chlorotoluene	12.65	91	84942	18.995	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	100889	19.004	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	13295	18.354	ug/l	99
82) 4-Chlorotoluene	12.75	91	90125	19.122	ug/l	98
83) tert-Butylbenzene	12.97	119	82801	18.497	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	101684	18.591	ug/l	100
85) sec-Butylbenzene	13.15	105	113864	18.656	ug/l	99
86) p-Isopropyltoluene	13.26	119	101503	18.459	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	50863	18.659	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	51152	18.366	ug/l	99
89) n-Butylbenzene	13.59	91	93465	18.541	ug/l	99
90) Hexachloroethane	13.85	117	10376	22.957	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	49197	18.823	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	7690	18.205	ug/l	98

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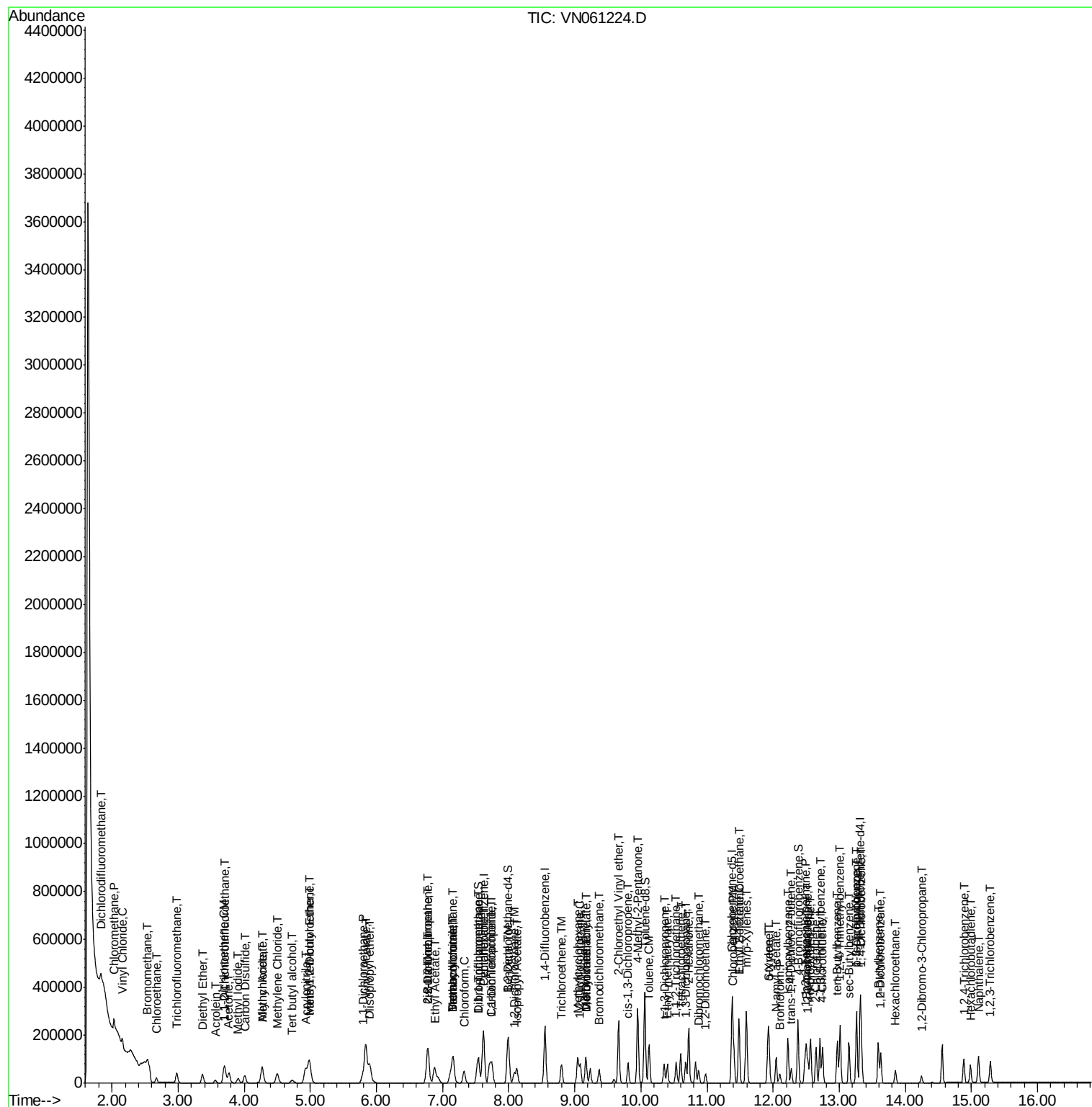
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	28595	17.966	ug/l	98
94) Hexachlorobutadiene	14.99	225	13378	20.120	ug/l	99
95) Naphthalene	15.11	128	89724	17.310	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	28969	18.435	ug/l	100

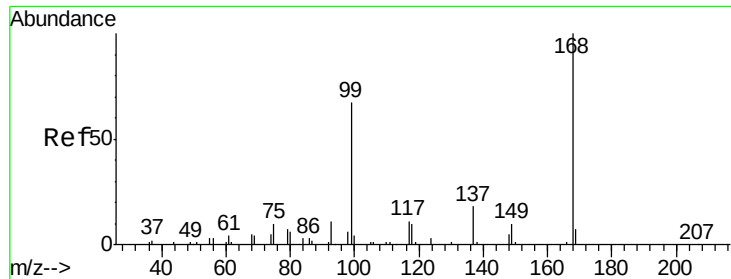
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

Instrument :

MSVOA_N

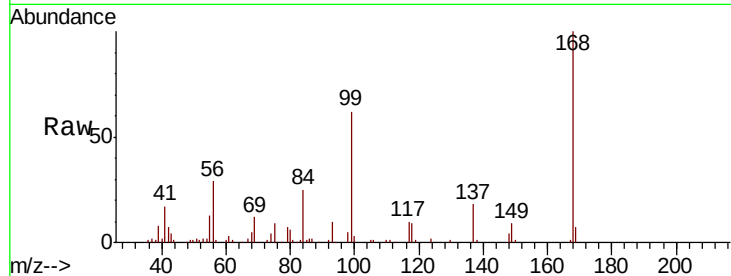
ClientSampled :

Tot Ion:168 Resp: 119689

Ion Ratio Lower Upper

168 100

99 61.8 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

50000

40000

30000

20000

10000

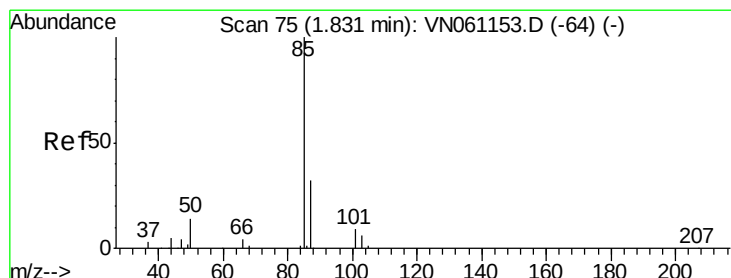
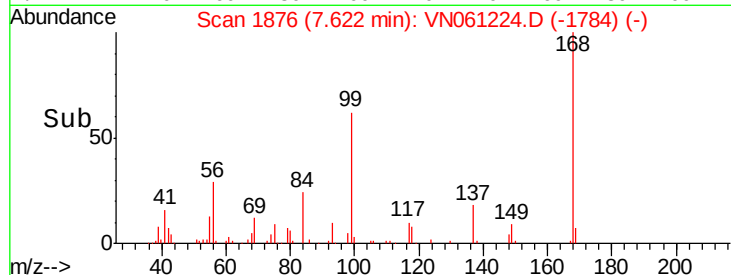
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.455 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061224.D

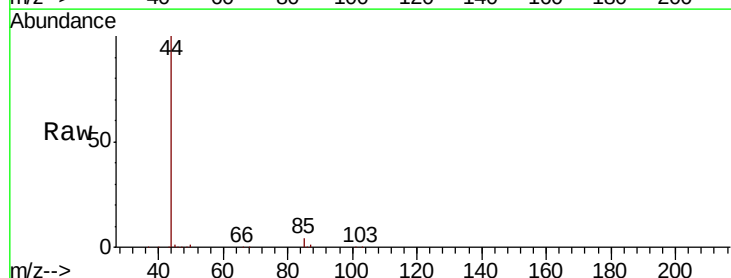
Acq: 1 May 2020 12:48

Tgt Ion: 85 Resp: 22154

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

15000

10000

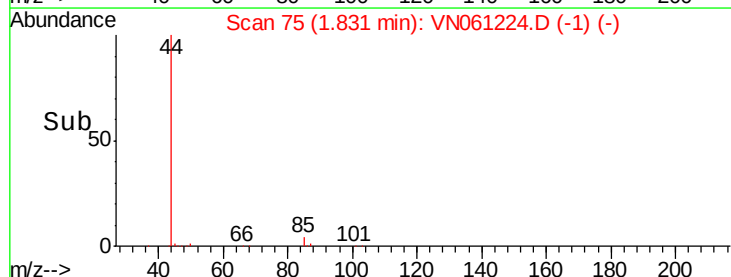
5000

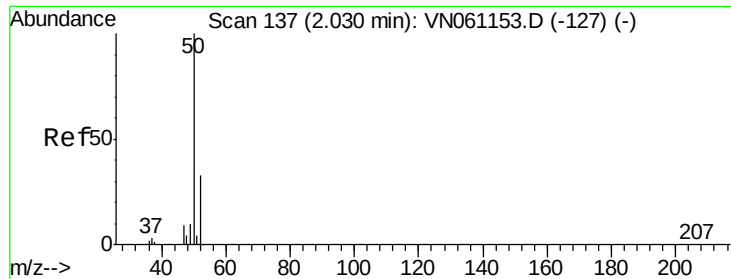
0

1.80

1.85

Time-->





#3

Chloromethane

Concen: 20.505 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

Instrument :

MSVOA_N

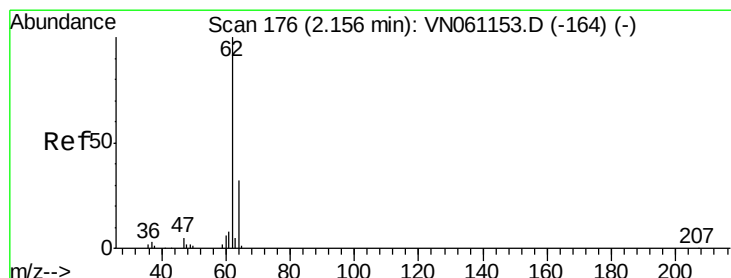
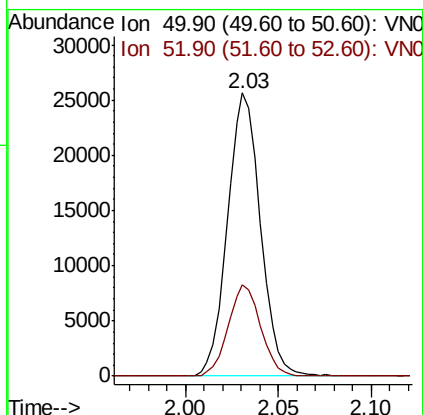
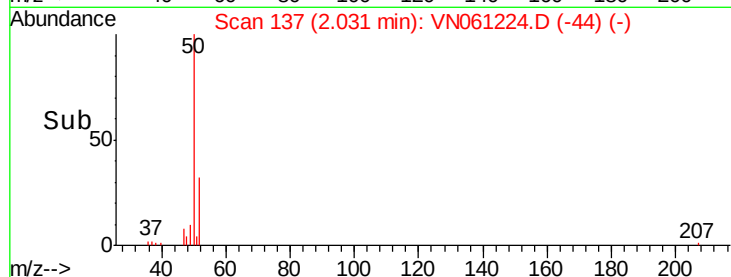
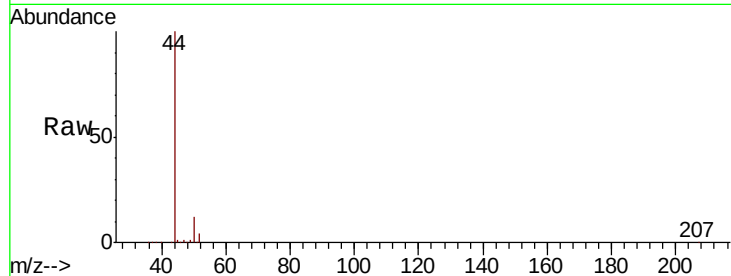
ClientSampleId :

Tot Ion: 50 Resp: 31519

Ion Ratio Lower Upper

50 100

52 32.2 26.0 39.0



#4

Vinyl Chloride

Concen: 17.241 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061224.D

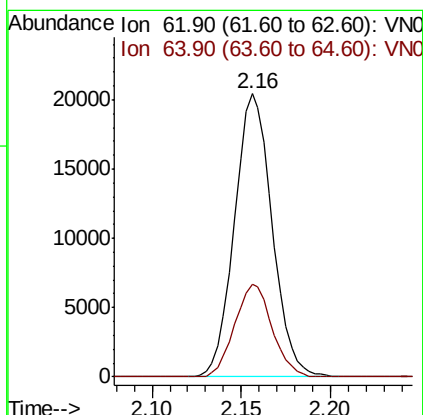
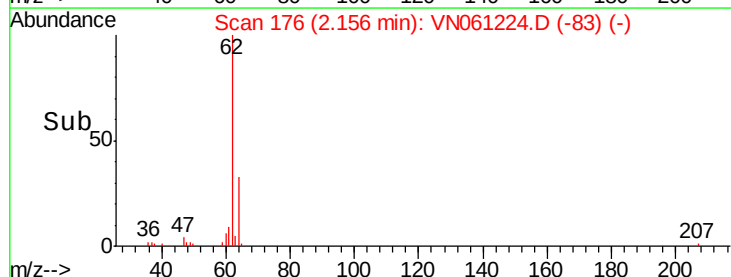
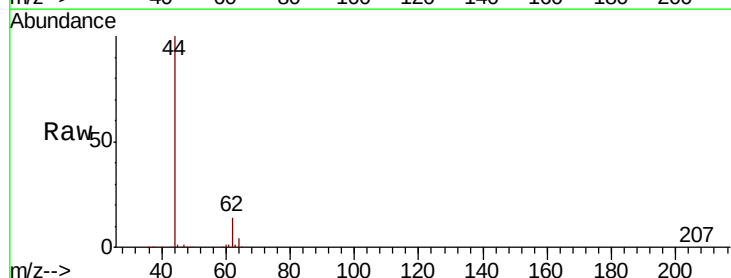
Acq: 1 May 2020 12:48

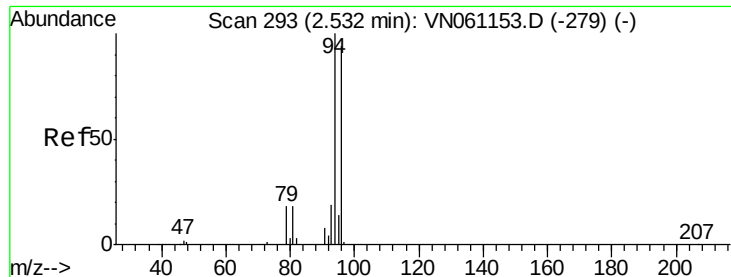
Tgt Ion: 62 Resp: 30101

Ion Ratio Lower Upper

62 100

64 32.7 25.2 37.8





#5

Bromomethane

Concen: 15.012 ug/l

RT: 2.54 min Scan# 294

Delta R.T. 0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

Instrument :

MSVOA_N

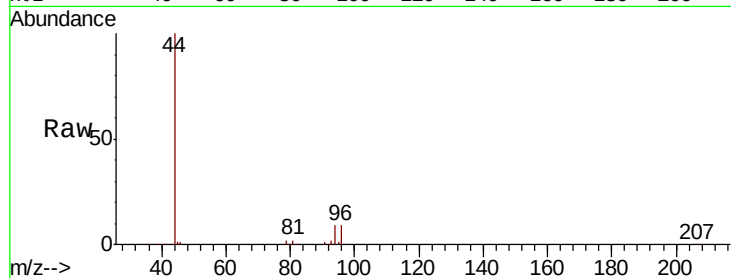
ClientSampleId :

Tot Ion: 94 Resp: 12956

Ion Ratio Lower Upper

94 100

96 97.8 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

8000

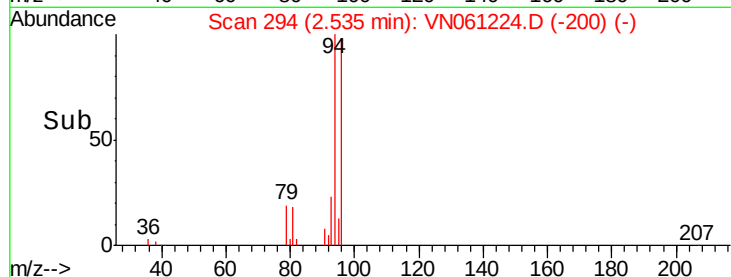
6000

4000

2000

0

Time-->



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

8000

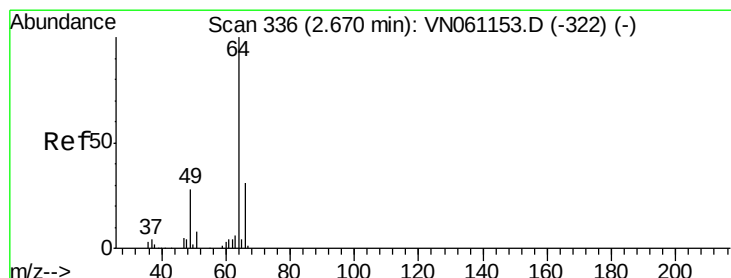
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 16.261 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061224.D

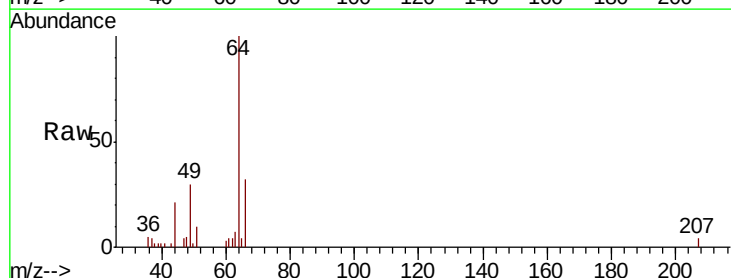
Acq: 1 May 2020 12:48

Tgt Ion: 64 Resp: 17995

Ion Ratio Lower Upper

64 100

66 32.3 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

10000

8000

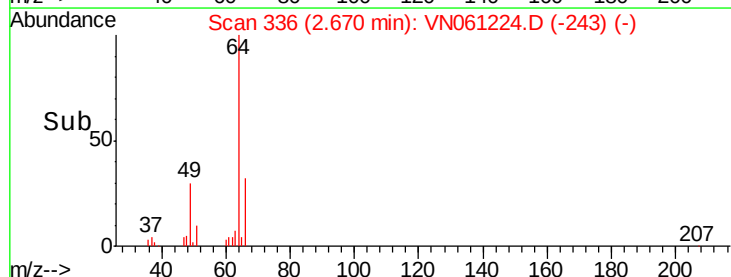
6000

4000

2000

0

Time-->



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

10000

8000

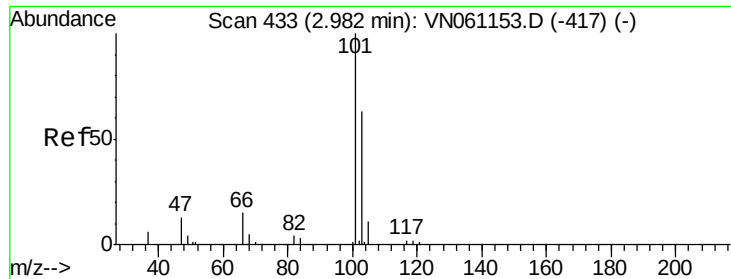
6000

4000

2000

0

Time-->

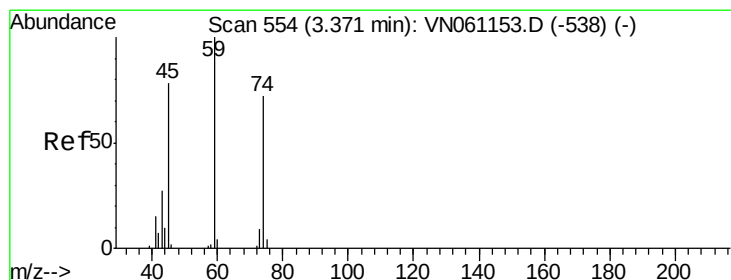
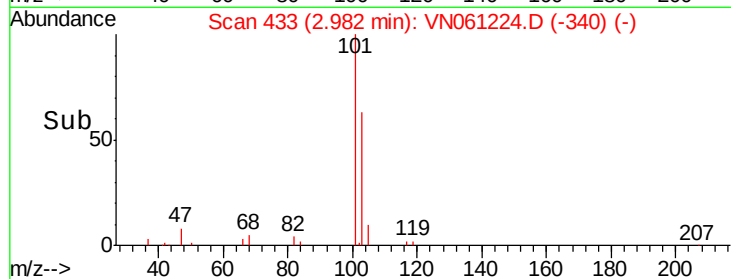
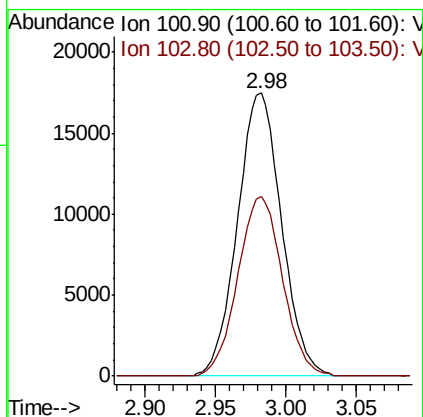
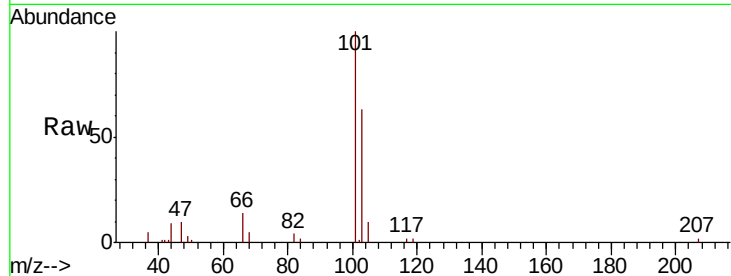


#7

Trichlorofluoromethane
Concen: 19.436 ug/l
RT: 2.98 min Scan# 433
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Instrument :
MSVOA_N
ClientSampled :

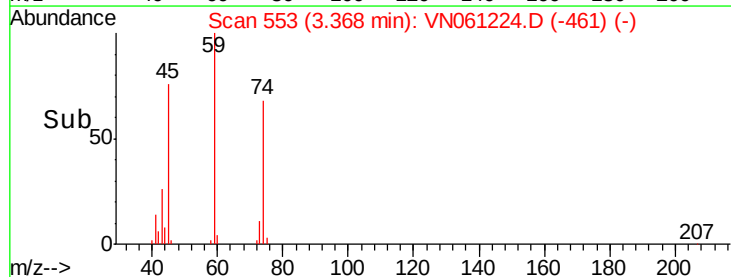
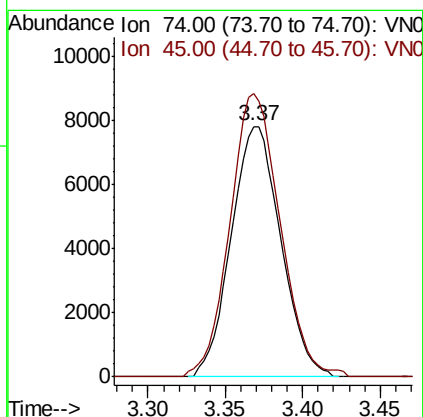
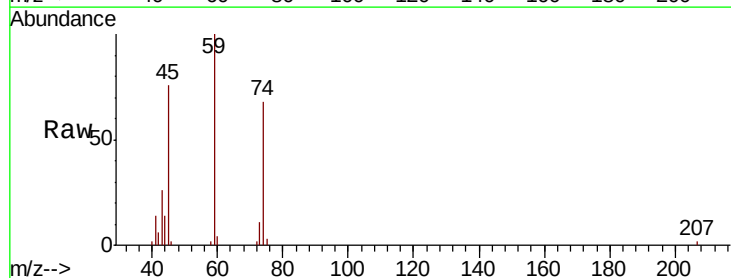
Tot Ion:101 Resp: 38285
Ion Ratio Lower Upper
101 100
103 63.4 50.6 76.0

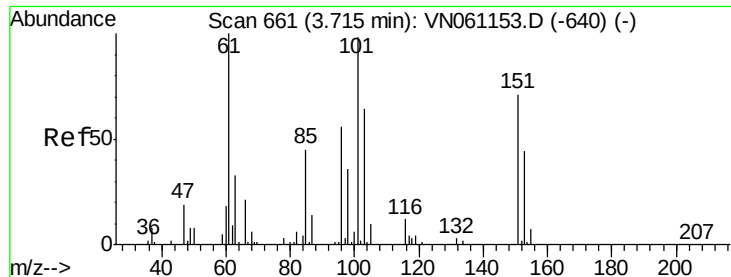


#8

Diethyl Ether
Concen: 21.178 ug/l
RT: 3.37 min Scan# 553
Delta R.T. -0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Tgt Ion: 74 Resp: 17400
Ion Ratio Lower Upper
74 100
45 114.5 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.267 ug/l

RT: 3.71 min Scan# 660

Delta R.T. -0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

Instrument :

MSVOA_N

ClientSampled :

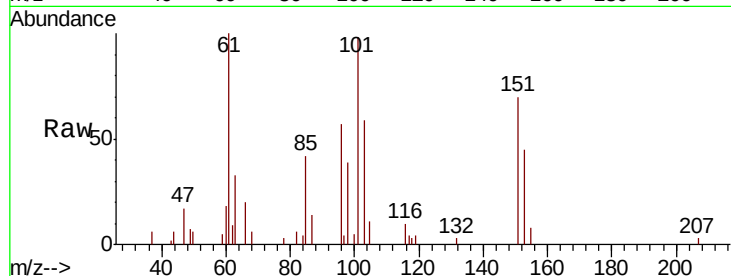
Tot Ion:101 Resp: 24450

Ion Ratio Lower Upper

101 100

85 43.6 37.2 55.8

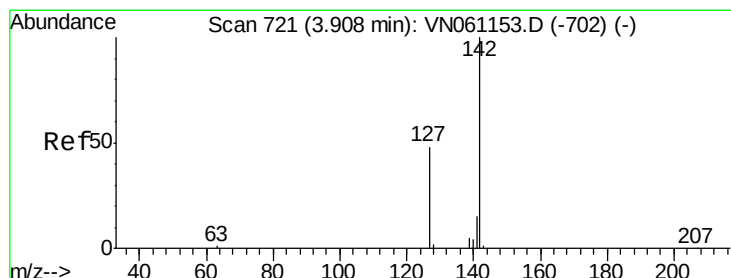
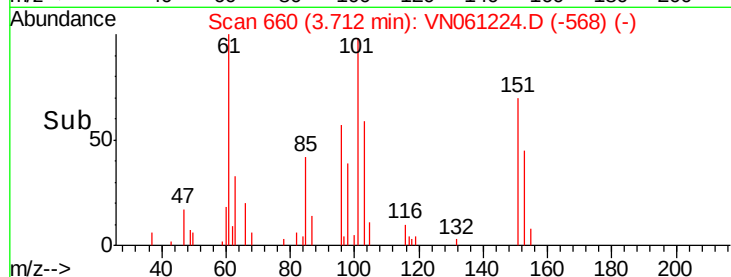
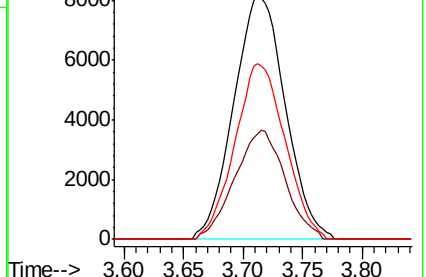
151 70.3 57.7 86.5



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: 17.697 ug/l

RT: 3.91 min Scan# 721

Delta R.T. 0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

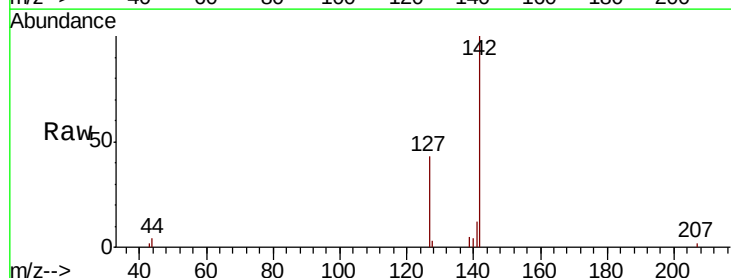
Tgt Ion:142 Resp: 28861

Ion Ratio Lower Upper

142 100

127 43.2 38.0 57.0

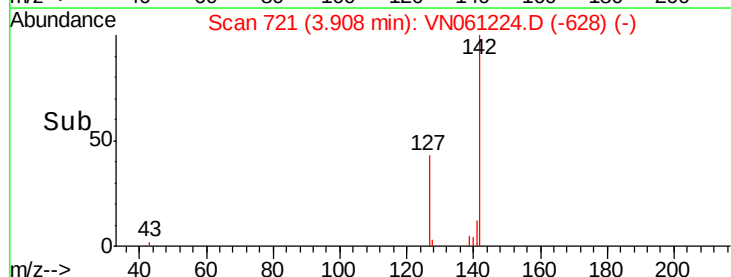
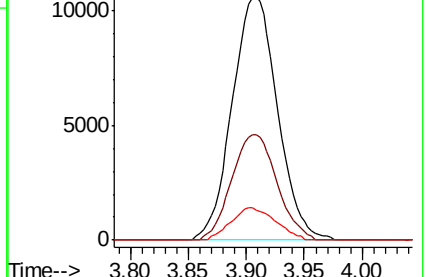
141 13.1 11.7 17.5

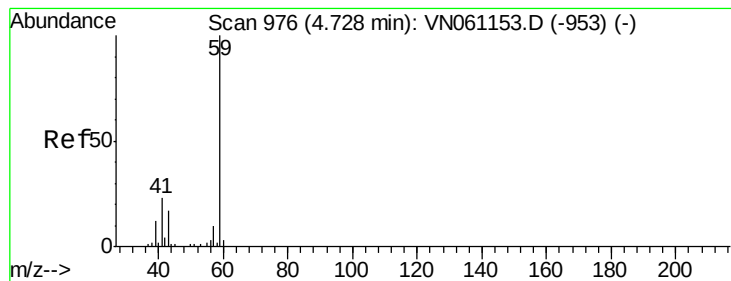


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 94.629 ug/l

RT: 4.72 min Scan# 975

Delta R.T. -0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

Instrument :

MSVOA_N

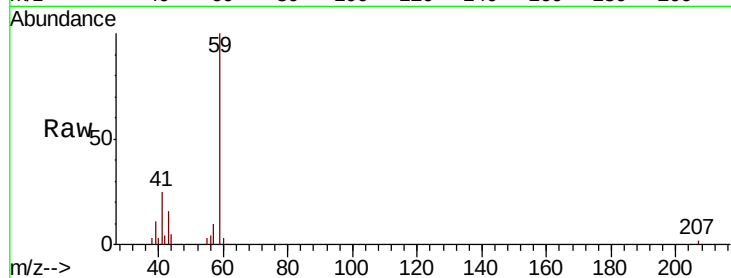
ClientSampleId :

Tot Ion: 59 Resp: 24007

Ion Ratio Lower Upper

59 100

57 9.4 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN061153.D (-953) (-)

Ion 57.00 (56.70 to 57.70): VN061153.D (-953) (-)

4.72

8000

6000

4000

2000

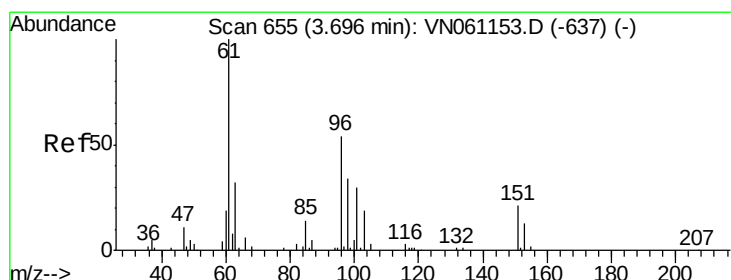
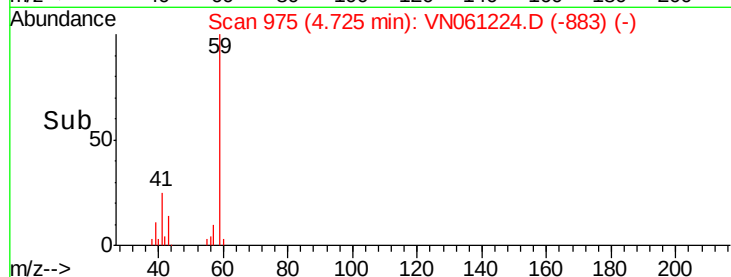
0

Time-->

4.60

4.70

4.80



#12

1,1-Dichloroethene

Concen: 18.679 ug/l

RT: 3.70 min Scan# 655

Delta R.T. 0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

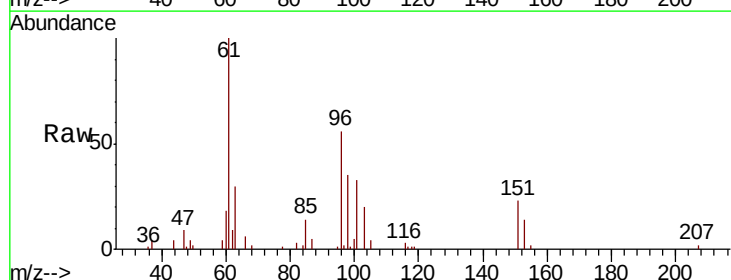
Tgt Ion: 96 Resp: 23588

Ion Ratio Lower Upper

96 100

61 178.2 147.0 220.6

98 63.0 49.8 74.6



Abundance Ion 95.90 (95.60 to 96.60): VN061153.D (-637) (-)

Ion 60.90 (60.60 to 61.60): VN061153.D (-637) (-)

Ion 97.90 (97.60 to 98.60): VN061153.D (-637) (-)

3.70

20000

15000

10000

5000

0

Time-->

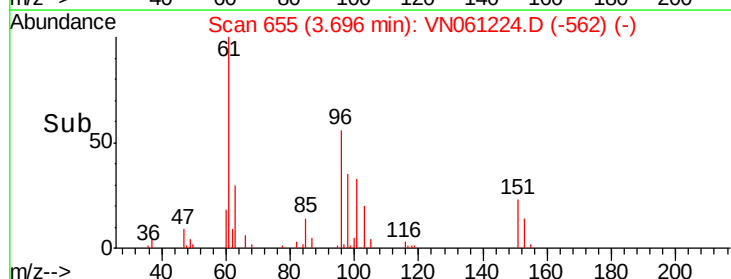
3.60

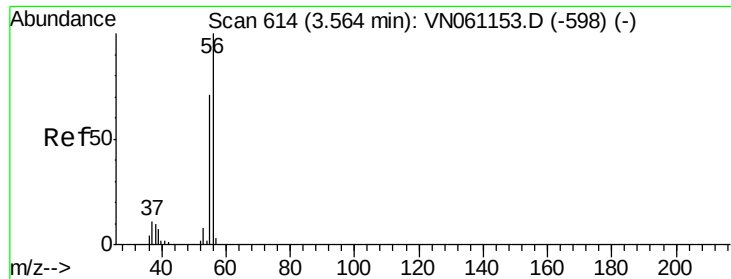
3.65

3.70

3.75

3.80





#13

Acrolein

Concen: 77.166 ug/l

RT: 3.56 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

Instrument :

MSVOA_N

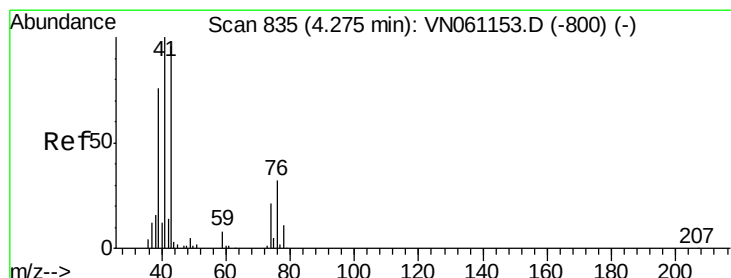
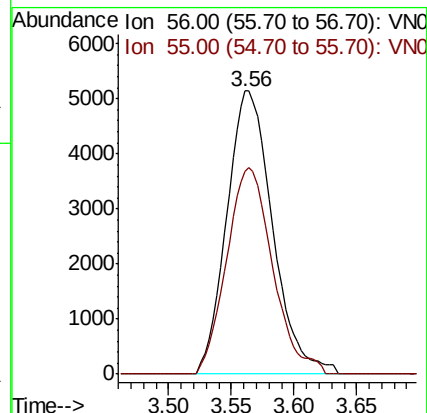
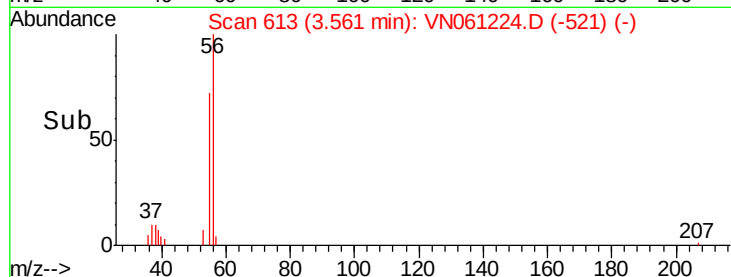
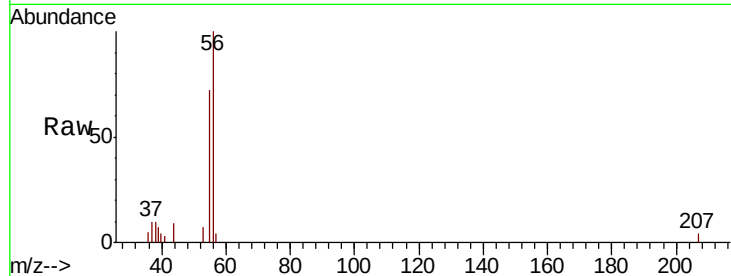
ClientSampleId :

Tot Ion: 56 Resp: 13046

Ion Ratio Lower Upper

56 100

55 73.3 58.5 87.7



#14

Allyl chloride

Concen: 22.733 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

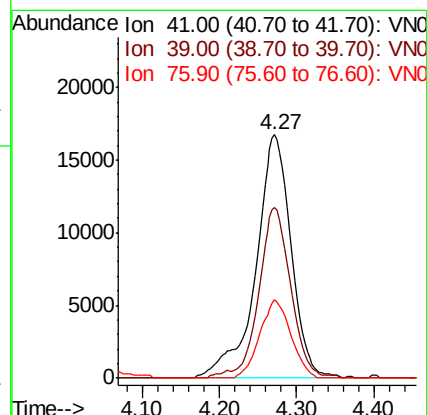
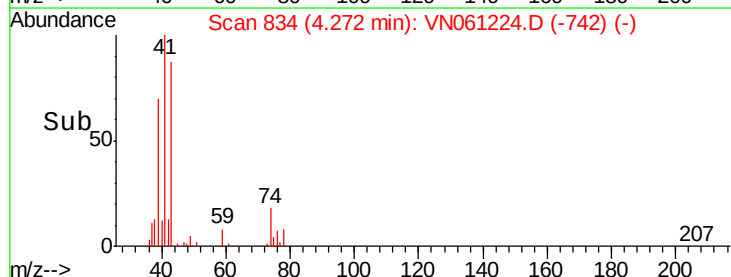
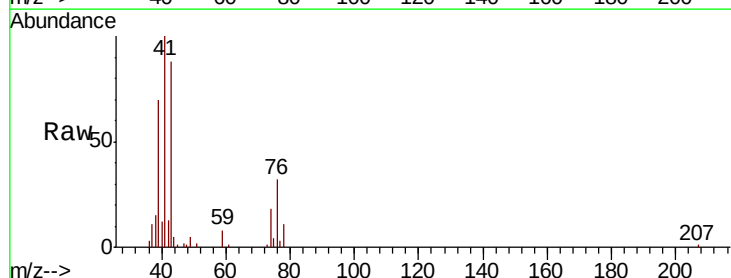
Tgt Ion: 41 Resp: 53230

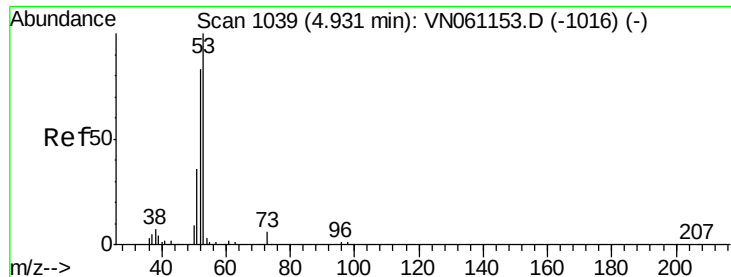
Ion Ratio Lower Upper

41 100

39 62.3 57.1 85.7

76 28.2 24.3 36.5





#15

Acrylonitrile

Concen: 101.908 ug/l

RT: 4.93 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

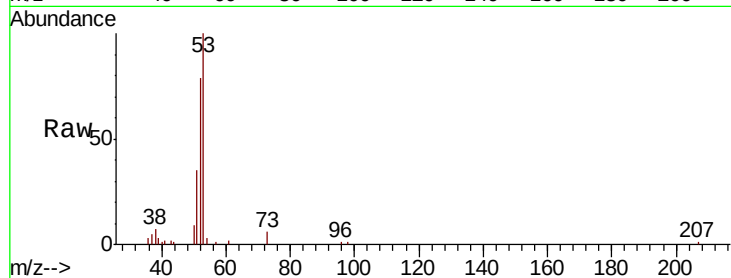
Tot Ion: 53 Resp: 79364

Ion Ratio Lower Upper

53 100

52 81.0 65.4 98.0

51 36.1 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VN061153.D (-1016) (-)

Ion 52.00 (51.70 to 52.70): VN061153.D (-1016) (-)

Ion 51.00 (50.70 to 51.70): VN061153.D (-1016) (-)

4.93

25000

20000

15000

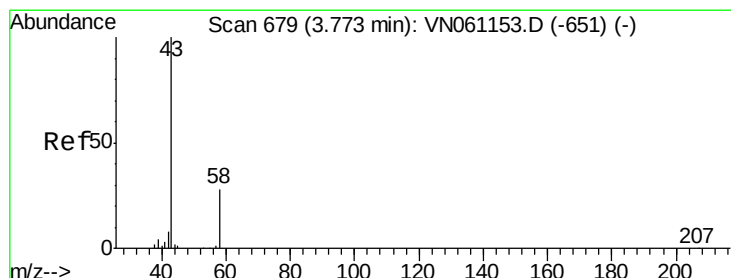
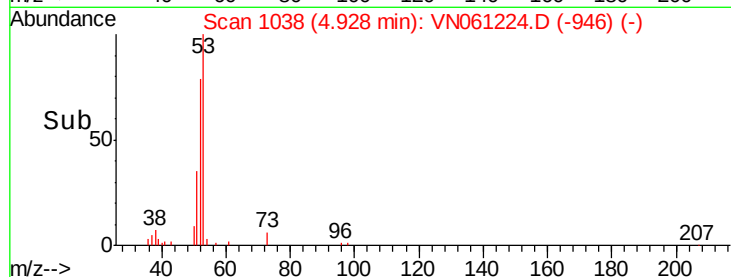
10000

5000

0

Time-->

4.80 4.90 5.00 5.10



#16

Acetone

Concen: 92.614 ug/l

RT: 3.77 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN061224.D

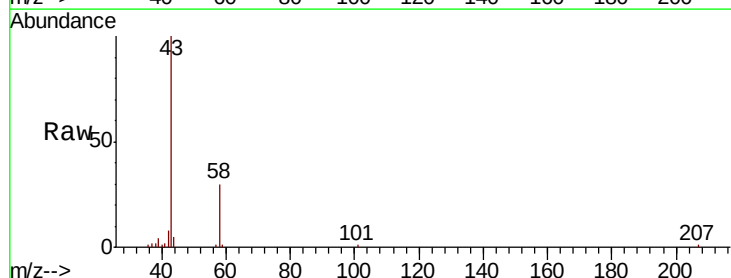
Acq: 1 May 2020 12:48

Tgt Ion: 43 Resp: 70382

Ion Ratio Lower Upper

43 100

58 29.5 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-651) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-651) (-)

3.77

25000

20000

15000

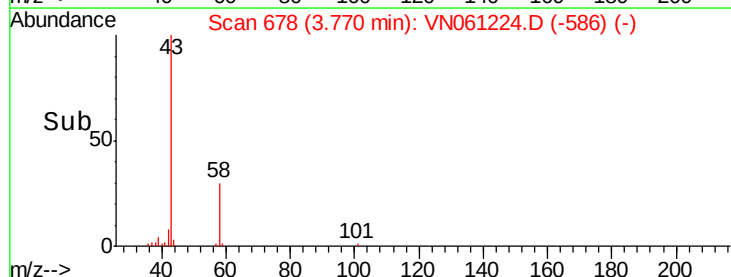
10000

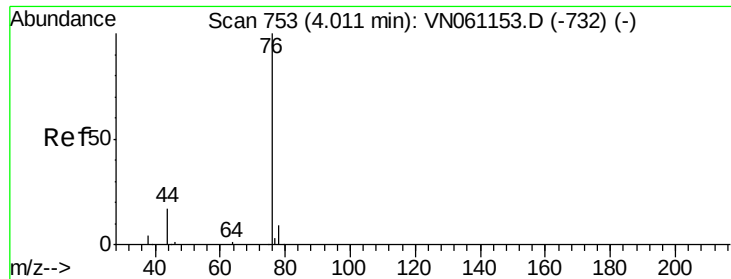
5000

0

Time-->

3.70 3.80 3.90





#17

Carbon Disulfide

Concen: 17.709 ug/l

RT: 4.01 min Scan# 752

Delta R.T. -0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

Instrument :

MSVOA_N

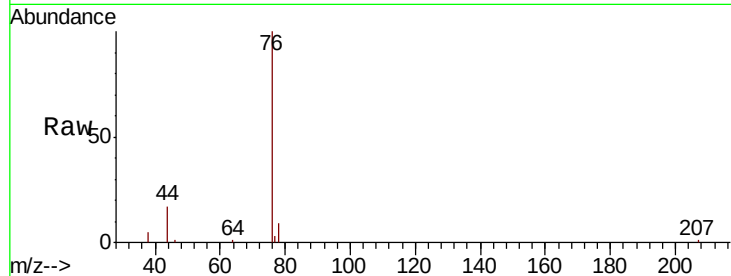
ClientSampled :

Tot Ion: 76 Resp: 61776

Ion Ratio Lower Upper

76 100

78 8.7 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

25000

20000

15000

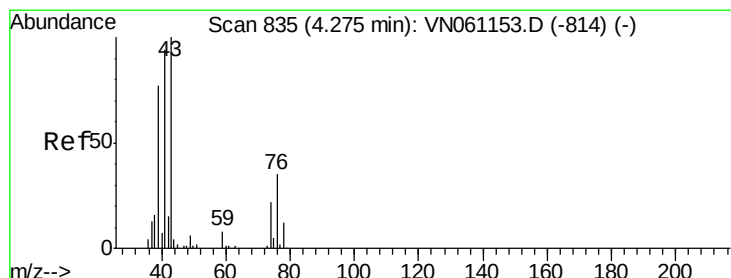
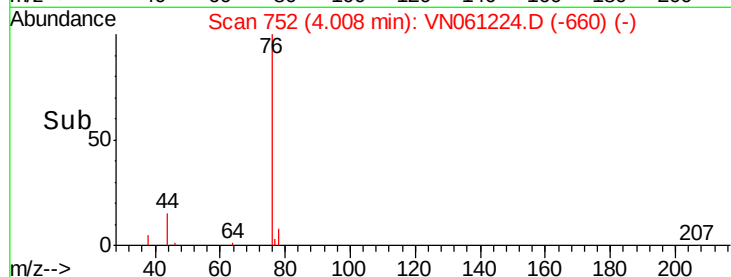
10000

5000

0

Time-->

3.90 4.00 4.10



#18

Methyl Acetate

Concen: 18.811 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061224.D

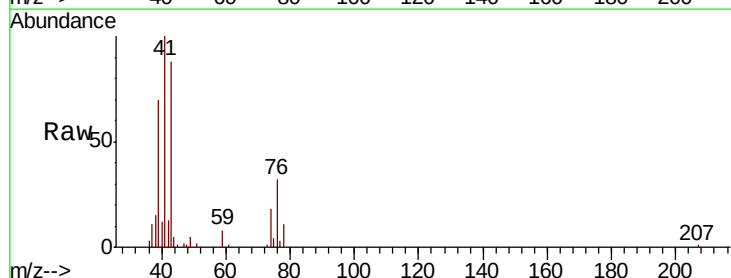
Acq: 1 May 2020 12:48

Tgt Ion: 43 Resp: 43944

Ion Ratio Lower Upper

43 100

74 19.1 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

15000

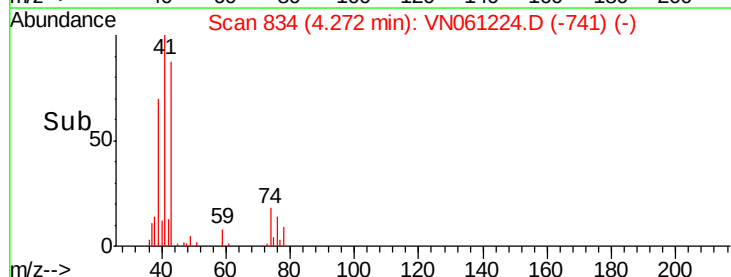
10000

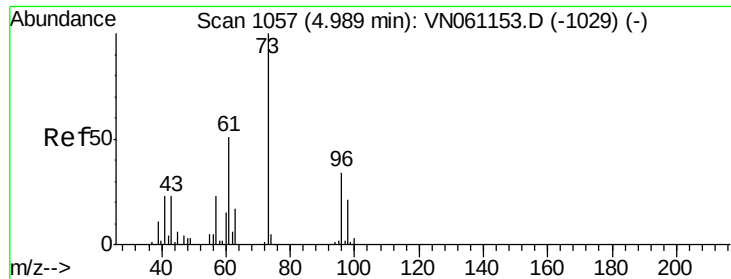
5000

0

Time-->

4.20 4.30 4.40

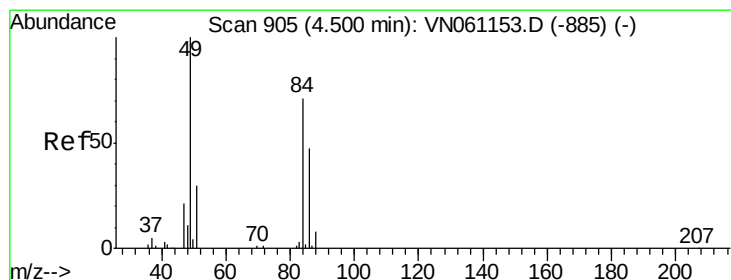
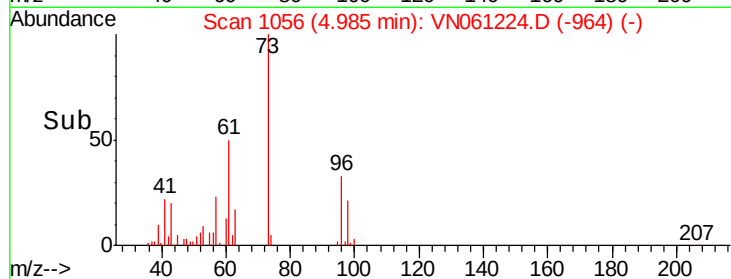
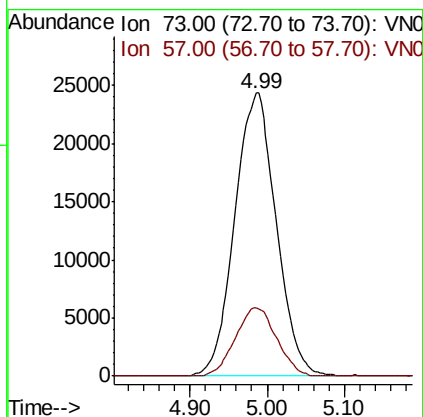
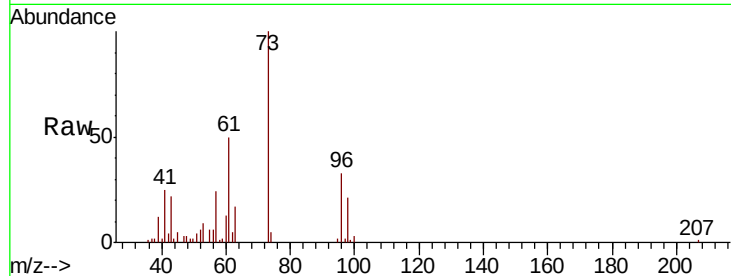




#19
Methvl tert-butyl Ether
Concen: 18.787 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

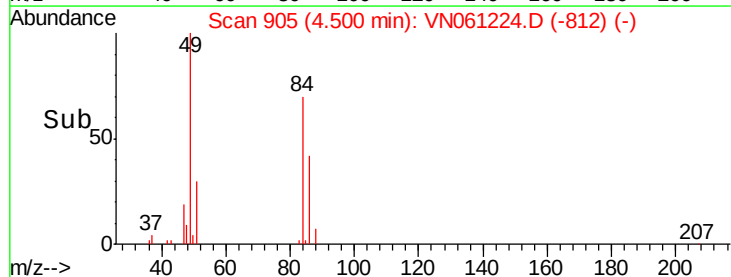
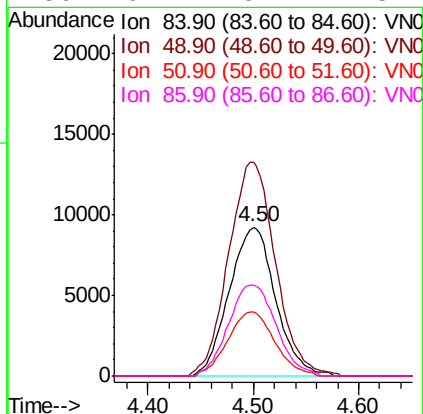
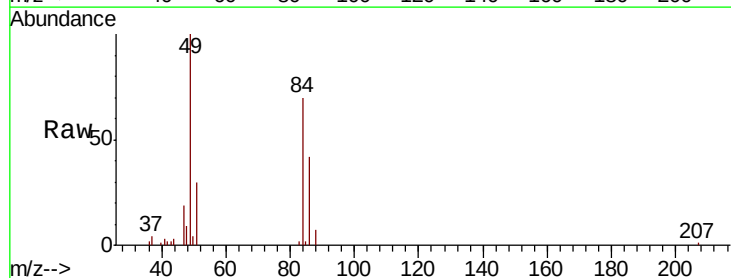
Instrument :
MSVOA_N
ClientSampled :

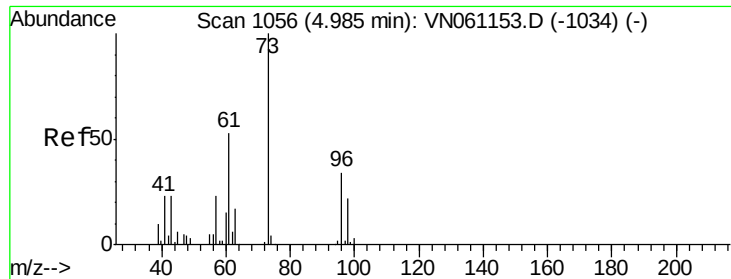
Tot Ion: 73 Resp: 90653
Ion Ratio Lower Upper
73 100
57 24.3 18.3 27.5



#20
Methylene Chloride
Concen: 19.156 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Tgt Ion: 84 Resp: 28289
Ion Ratio Lower Upper
84 100
49 143.8 112.0 168.0
51 43.3 33.6 50.4
86 61.1 52.1 78.1

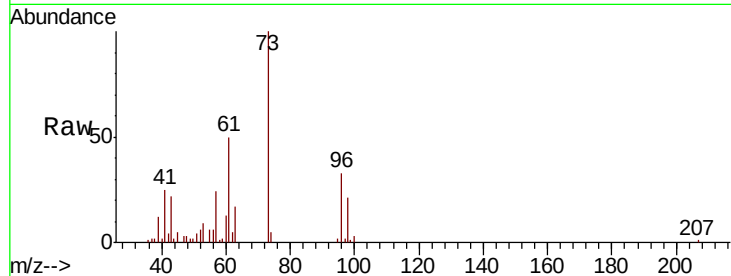




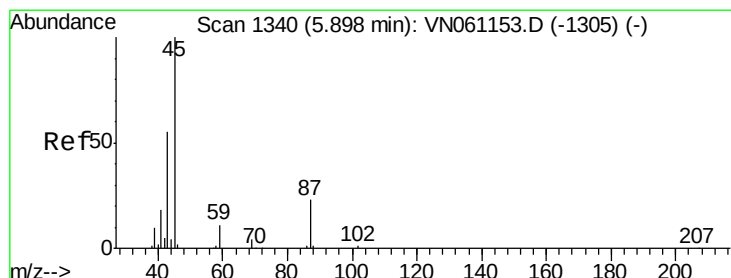
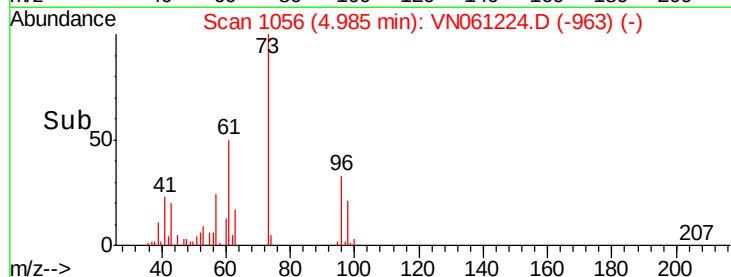
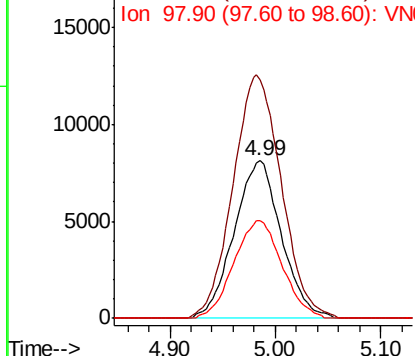
#21
trans-1,2-Dichloroethene
Concen: 18.411 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 25317
Ion Ratio Lower Upper
96 100
61 150.9 123.0 184.4
98 62.2 50.1 75.1

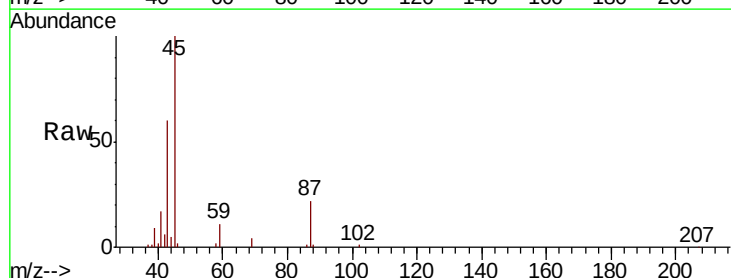


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

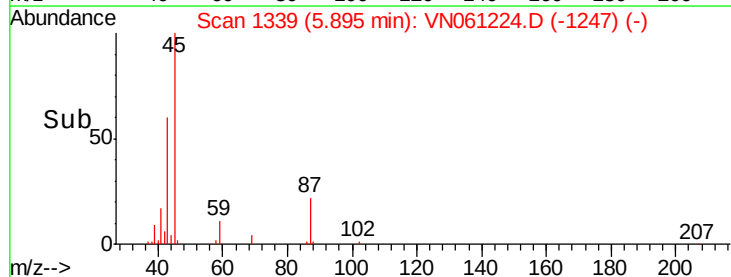
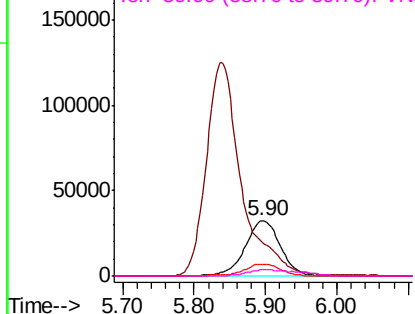


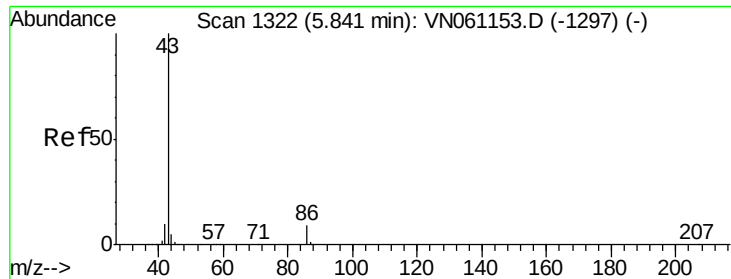
#22
Diisopropyl ether
Concen: 20.428 ug/l
RT: 5.90 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Tgt Ion: 45 Resp: 110916
Ion Ratio Lower Upper
45 100
43 57.7 47.9 71.9
87 21.8 19.2 28.8
59 11.0 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: 97.887 ug/l

RT: 5.84 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

Instrument :

MSVOA_N

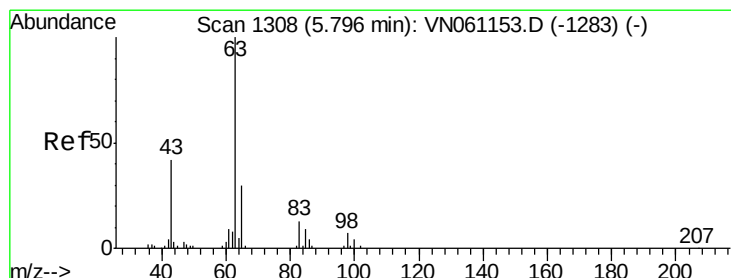
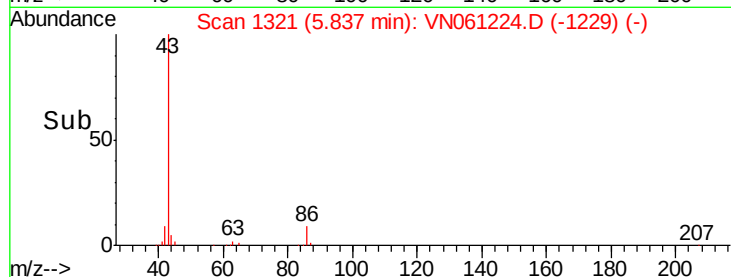
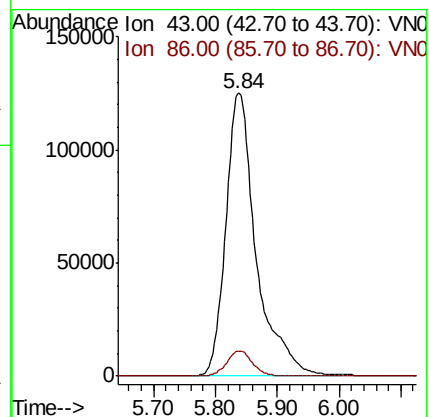
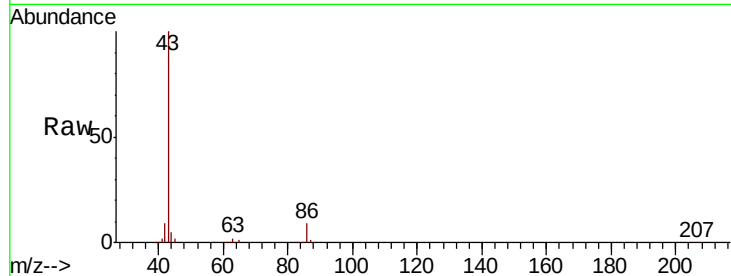
ClientSampled :

Tot Ion: 43 Resp: 427952

Ion Ratio Lower Upper

43 100

86 8.9 7.2 10.8



#24

1,1-Dichloroethane

Concen: 19.177 ug/l

RT: 5.79 min Scan# 1307

Delta R.T. -0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

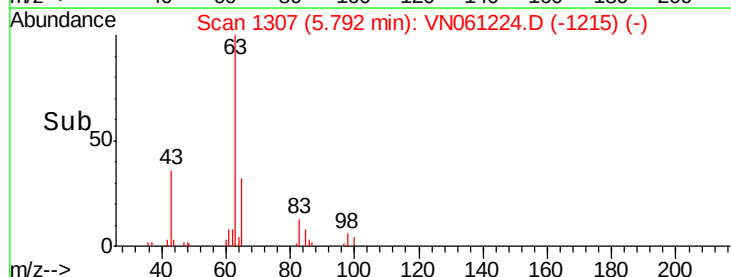
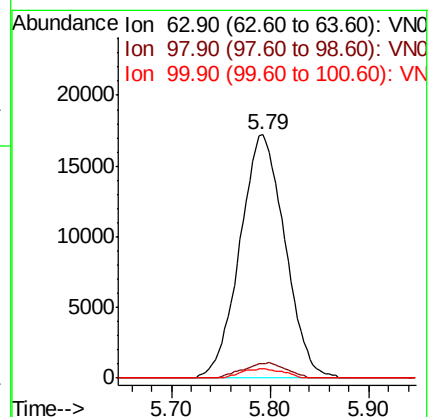
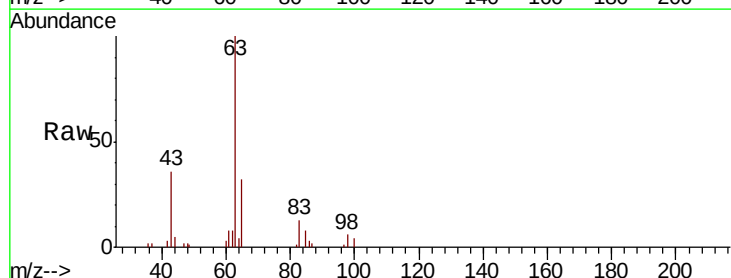
Tgt Ion: 63 Resp: 54405

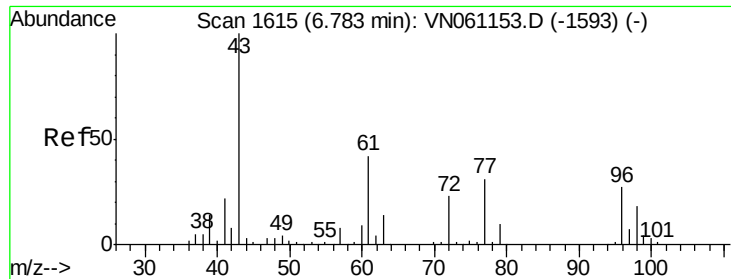
Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.9

100 4.0 1.9 5.7

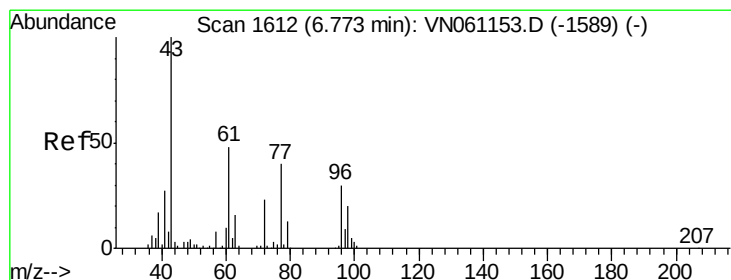
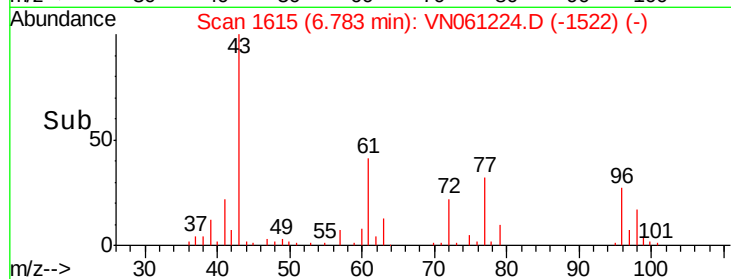
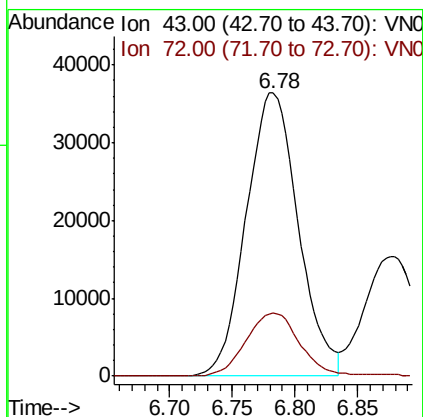
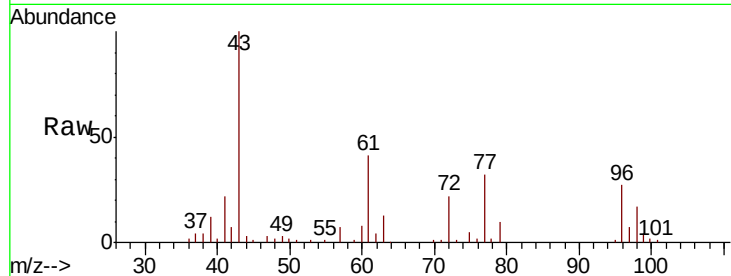




#25
2-Butanone
Concen: 94.069 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

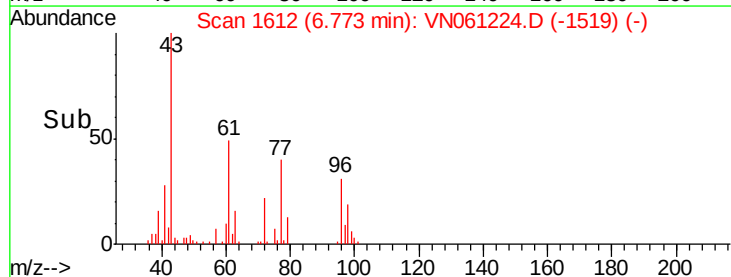
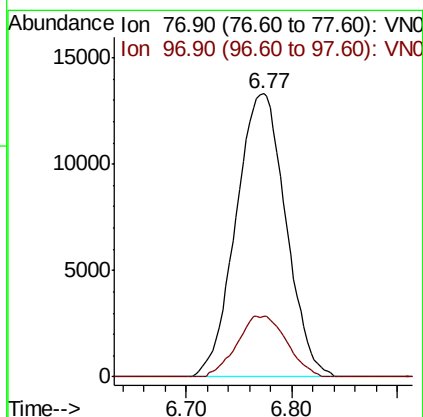
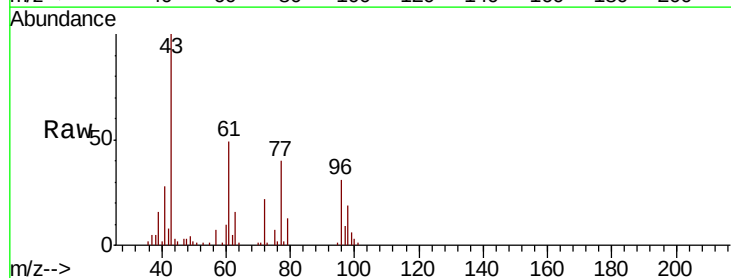
Instrument :
MSVOA_N
ClientSampled :

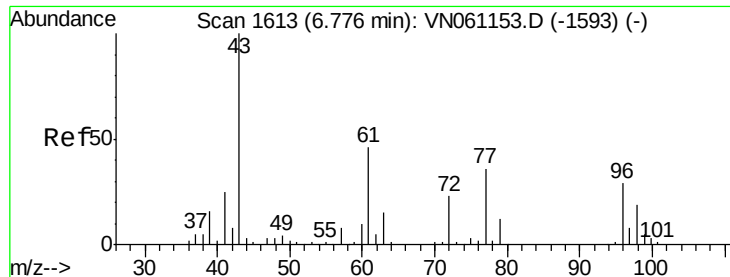
Tot Ion: 43 Resp: 105419
Ion Ratio Lower Upper
43 100
72 22.3 18.2 27.4



#26
2,2-Dichloropropane
Concen: 18.295 ug/l
RT: 6.77 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Tgt Ion: 77 Resp: 43717
Ion Ratio Lower Upper
77 100
97 21.4 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 18.584 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :

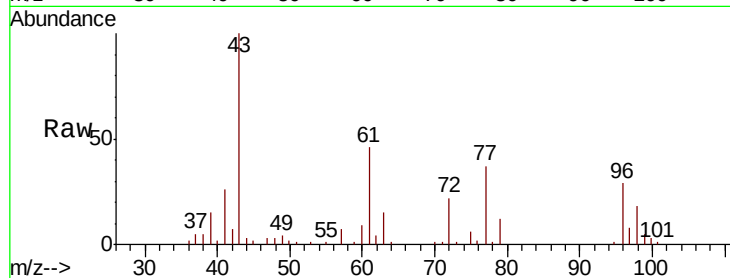
Tot Ion: 96 Resp: 29989

Ion Ratio Lower Upper

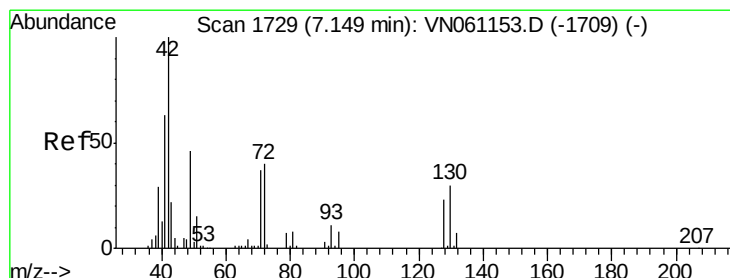
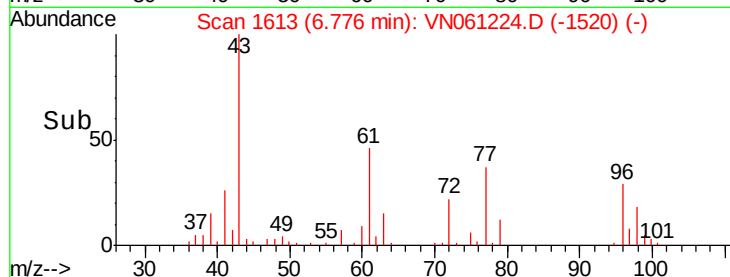
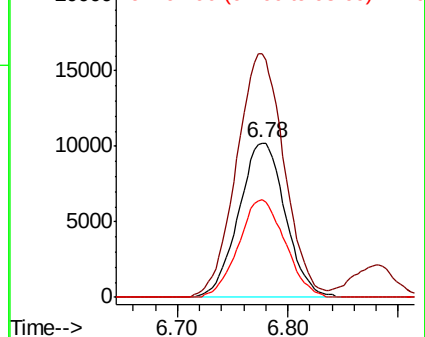
96 100

61 161.3 0.0 322.0

98 63.0 0.0 129.6



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



#28

Bromochloromethane

Concen: 21.921 ug/l

RT: 7.15 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

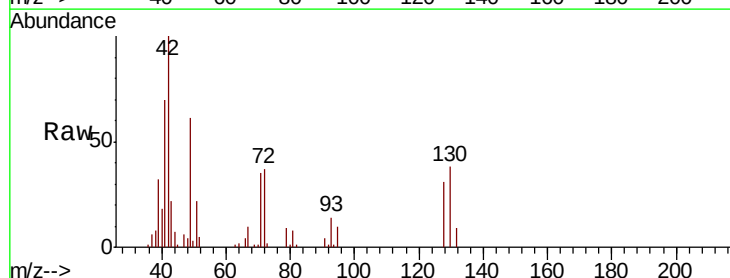
Tgt Ion: 49 Resp: 29476

Ion Ratio Lower Upper

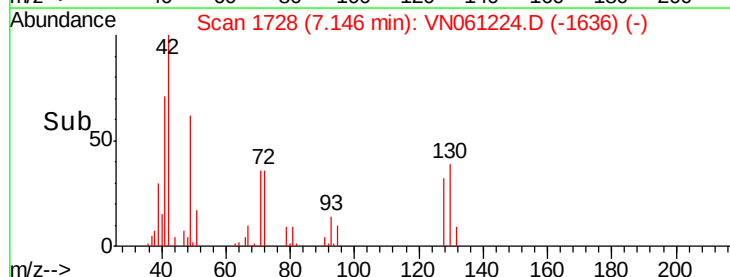
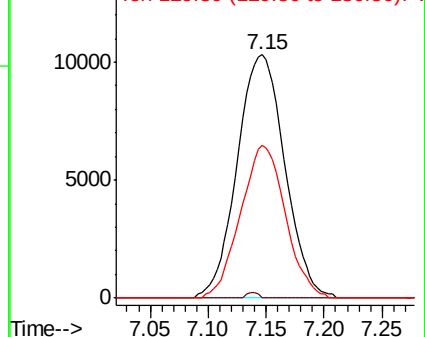
49 100

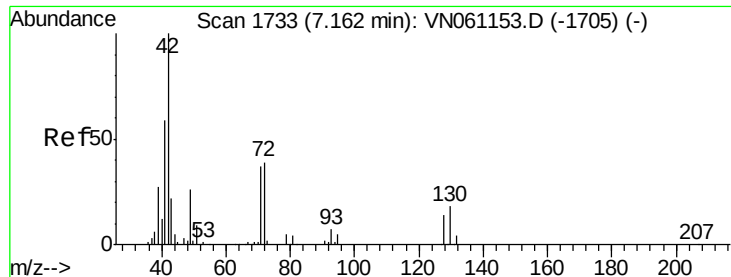
129 0.5 0.0 3.0

130 59.1 51.4 77.2



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

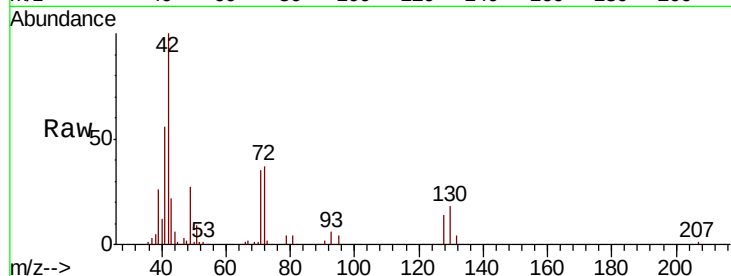




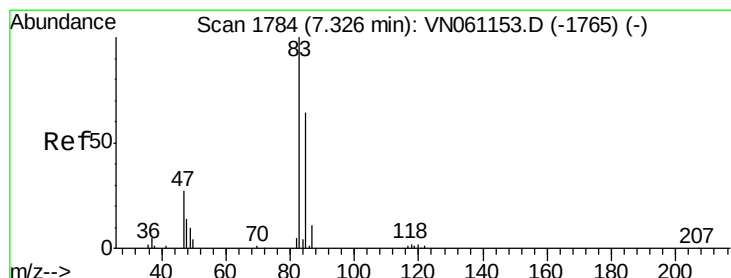
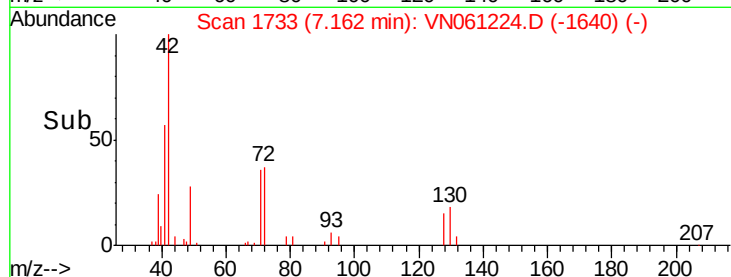
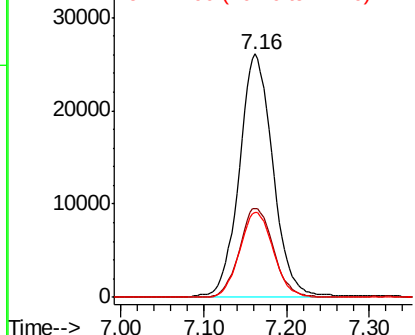
#29
Tetrahydrofuran
Concen: 97.726 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 73773
Ion Ratio Lower Upper
42 100
72 36.8 31.4 47.0
71 34.7 29.5 44.3

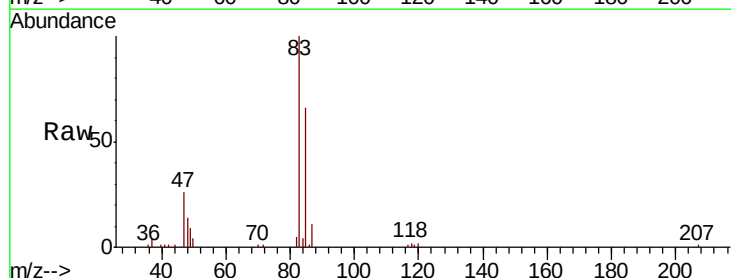


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

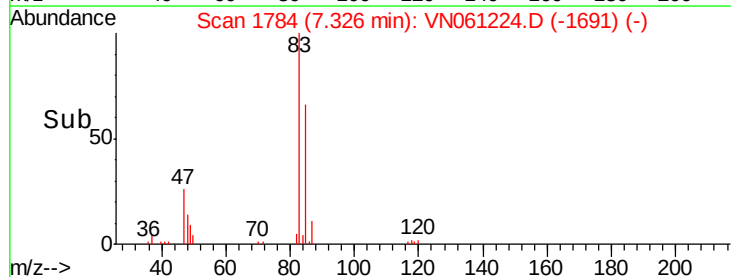
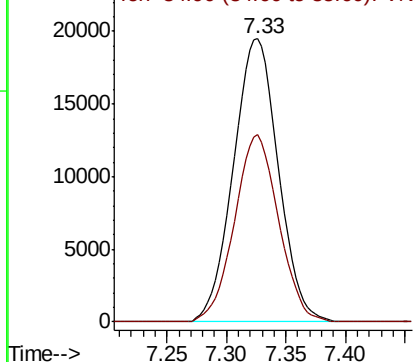


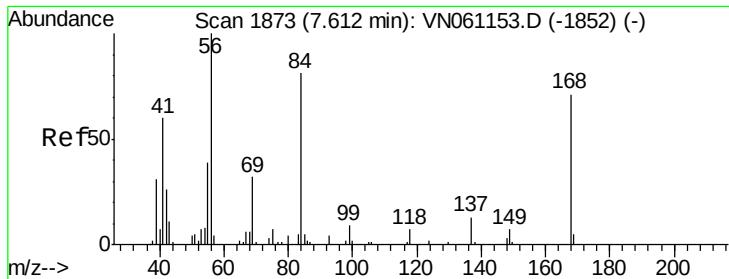
#30
Chloroform
Concen: 17.742 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Tgt Ion: 83 Resp: 51008
Ion Ratio Lower Upper
83 100
85 66.1 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: 17.751 ug/l

RT: 7.61 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

Instrument :
MSVOA_N
ClientSampled :

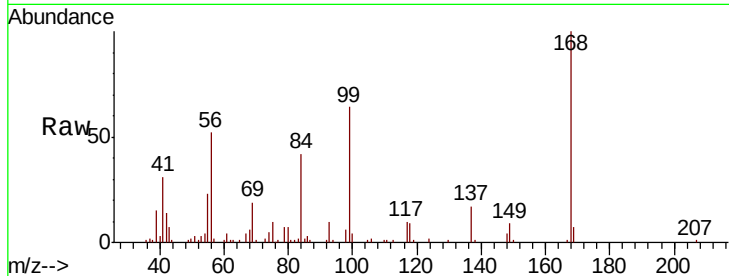
Tot Ion: 56 Resp: 48906

Ion Ratio Lower Upper

56 100

69 36.4 25.7 38.5

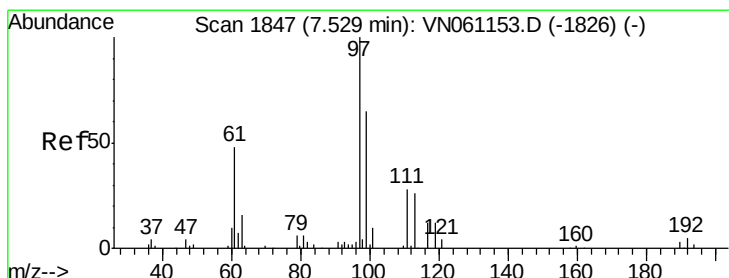
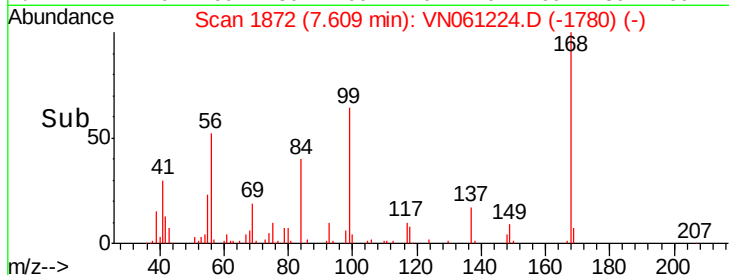
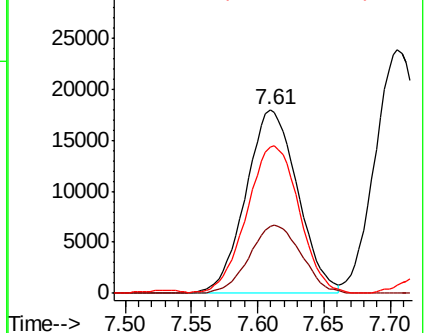
84 79.9 64.6 97.0



Abundance Ion 56.00 (55.70 to 56.70): VN061153.D (-1852) (-)

Ion 69.00 (68.70 to 69.70): VN061153.D (-1852) (-)

Ion 84.00 (83.70 to 84.70): VN061153.D (-1852) (-)



#32

1,1,1-Trichloroethane

Concen: 16.987 ug/l

RT: 7.53 min Scan# 1846

Delta R.T. -0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

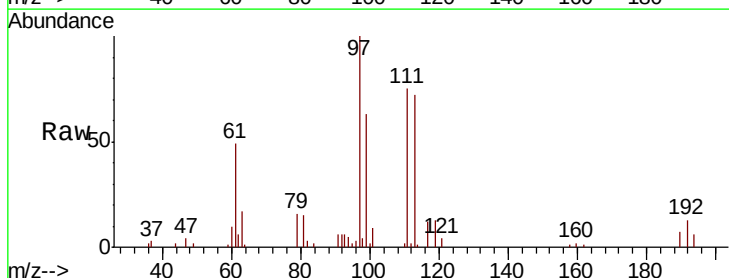
Tgt Ion: 97 Resp: 42527

Ion Ratio Lower Upper

97 100

99 63.6 51.3 76.9

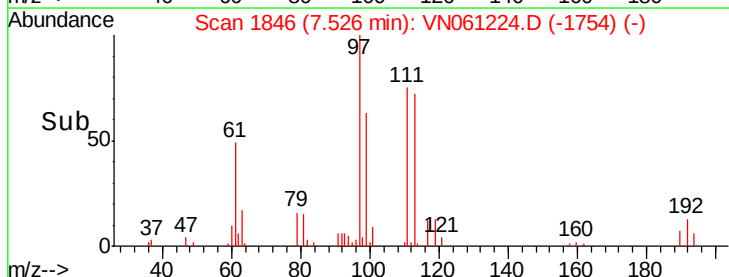
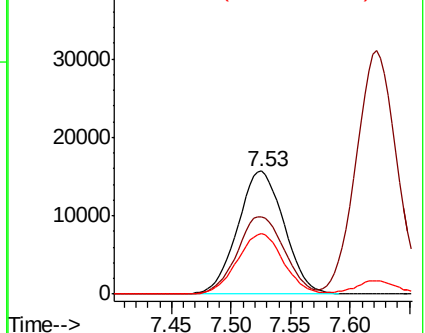
61 48.6 38.6 57.8

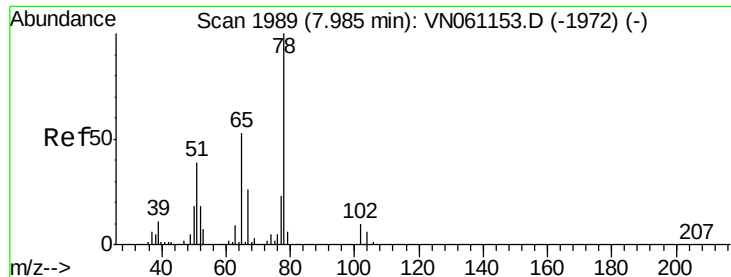


Abundance Ion 96.90 (96.60 to 97.60): VN061153.D (-1826) (-)

Ion 98.90 (98.60 to 99.60): VN061153.D (-1826) (-)

Ion 60.90 (60.60 to 61.60): VN061153.D (-1826) (-)

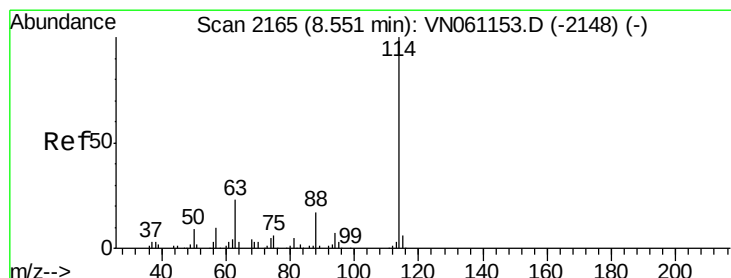
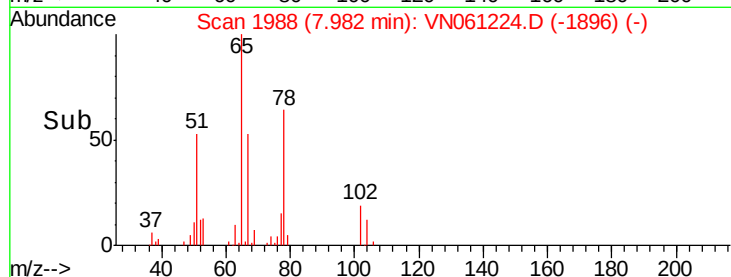
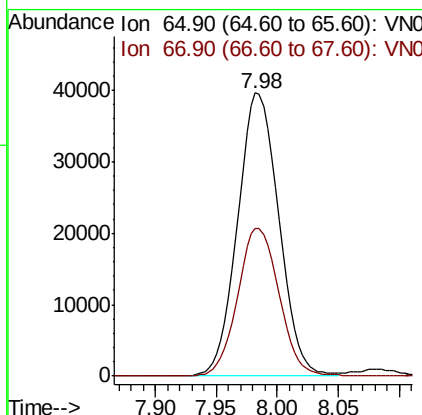
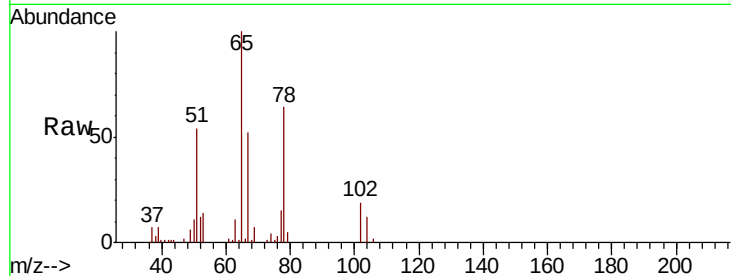




#33
 1,2-Dichloroethane-d4
 Concen: 49.071 ug/l
 RT: 7.98 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VN061224.D
 Acq: 1 May 2020 12:48

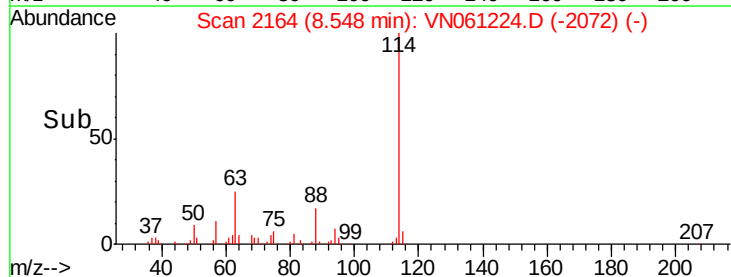
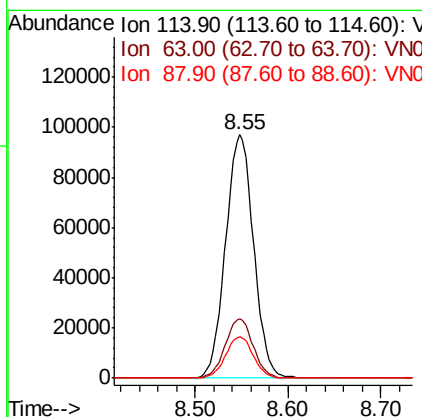
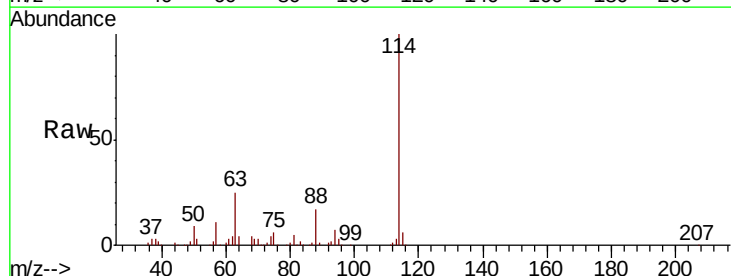
Instrument :
 MSVOA_N
 ClientSampled :

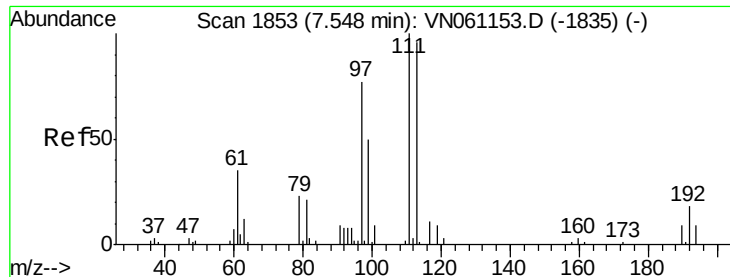
Tot Ion: 65 Resp: 92934
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061224.D
 Acq: 1 May 2020 12:48

Tgt Ion: 114 Resp: 203286
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 46.6
 88 16.8 0.0 33.4

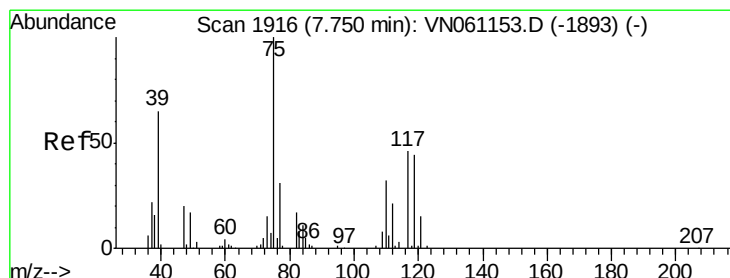
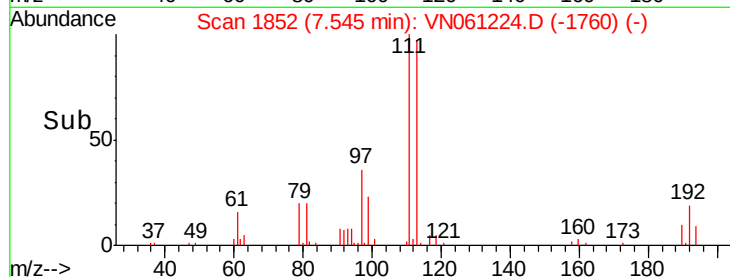
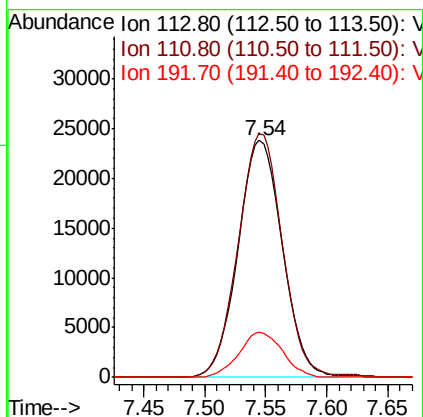
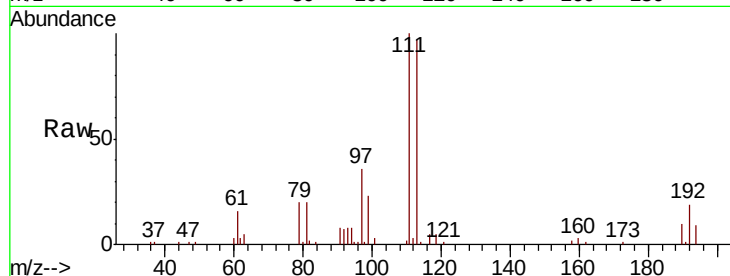




#35
 Dibromofluoromethane
 Concen: 49.825 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061224.D
 Acq: 1 May 2020 12:48

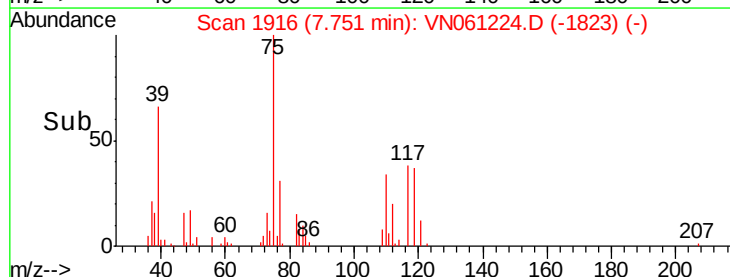
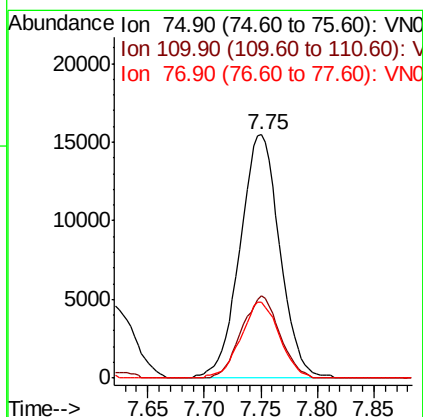
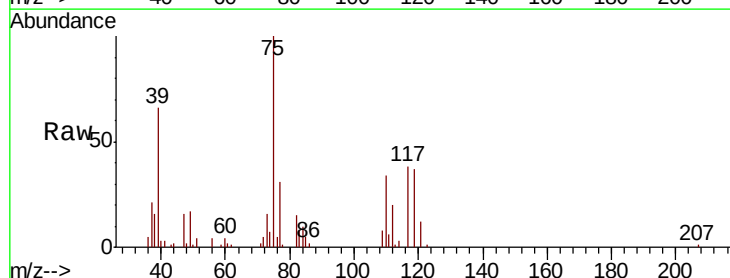
Instrument :
 MSVOA_N
 ClientSampleId :

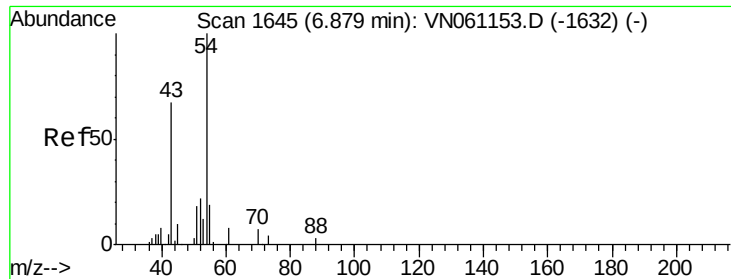
Tot Ion:113 Resp: 59894
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.9 124.3
 192 18.8 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 18.571 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061224.D
 Acq: 1 May 2020 12:48

Tgt Ion: 75 Resp: 37791
 Ion Ratio Lower Upper
 75 100
 110 32.3 16.0 48.0
 77 30.3 24.6 37.0

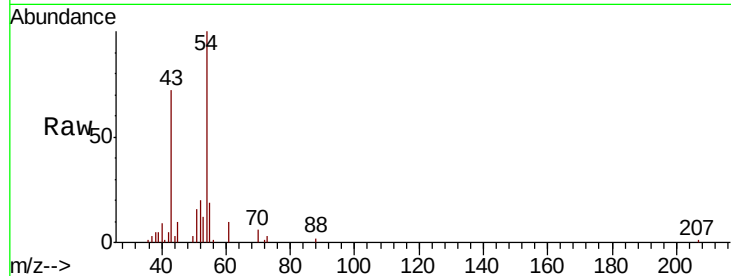




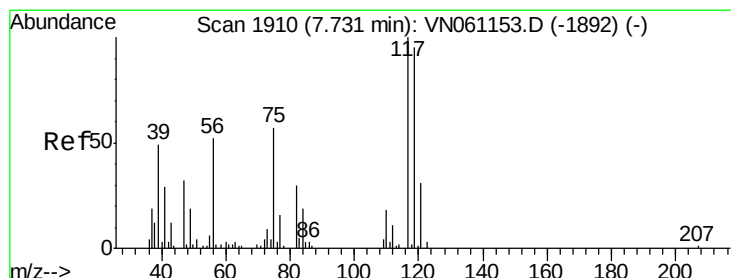
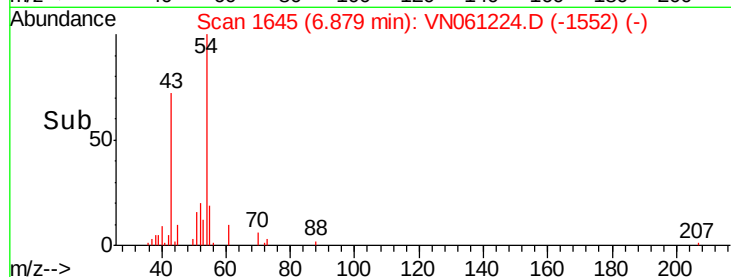
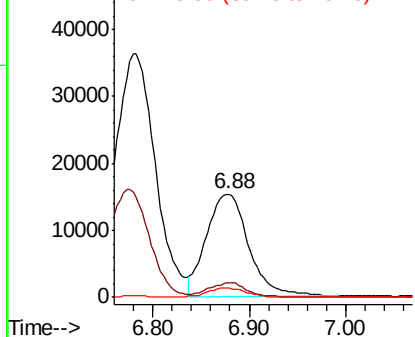
#37
Ethyl Acetate
Concen: 19.416 ug/l
RT: 6.88 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 46321
Ion Ratio Lower Upper
43 100
61 13.1 10.2 15.2
70 8.3 7.2 10.8

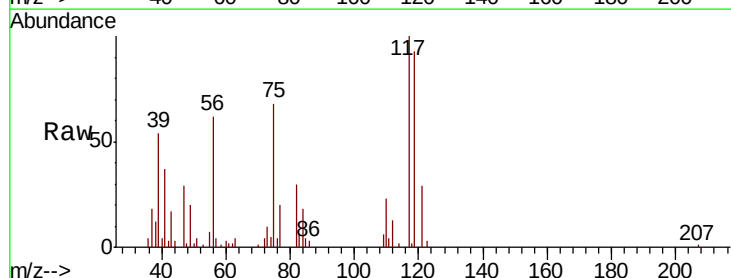


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

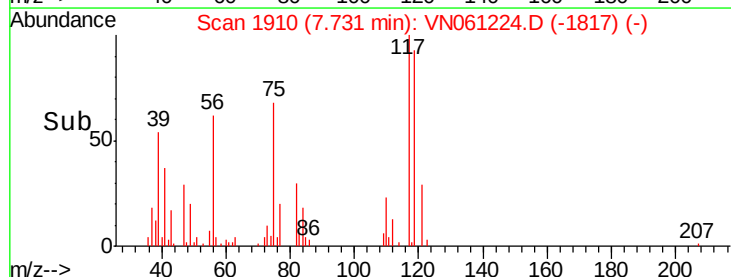
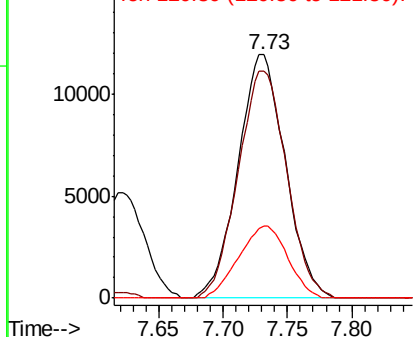


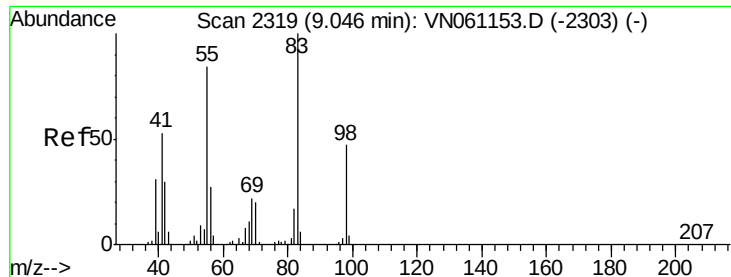
#38
Carbon Tetrachloride
Concen: 17.922 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Tgt Ion: 117 Resp: 30422
Ion Ratio Lower Upper
117 100
119 93.3 75.8 113.6
121 29.4 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

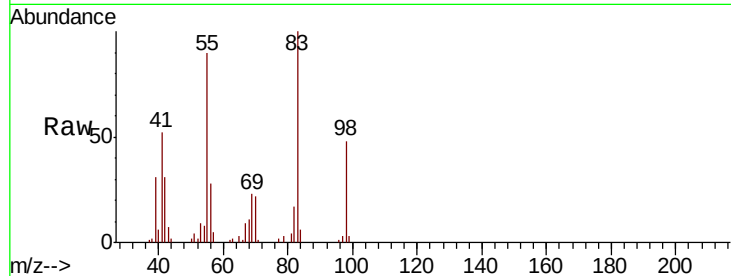




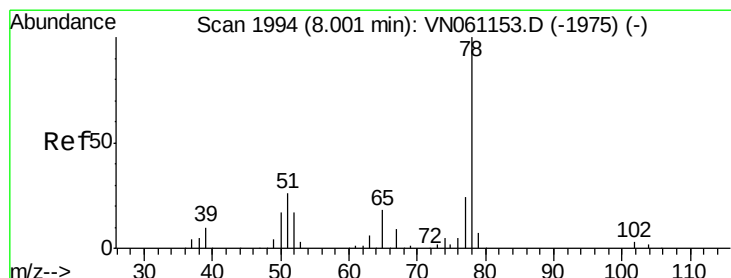
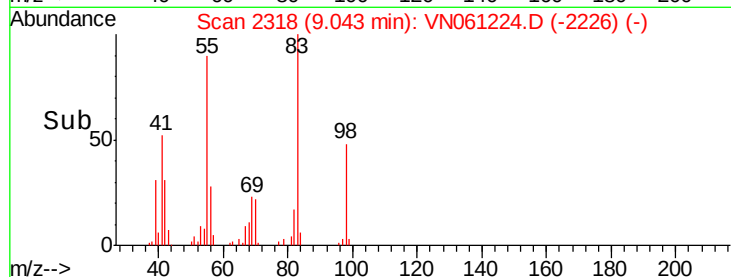
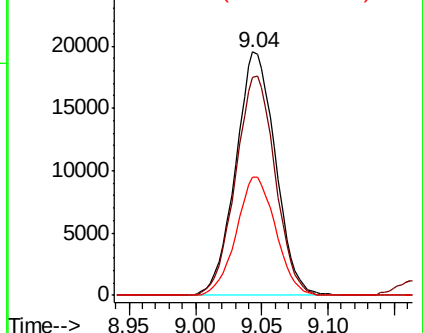
#39
Methylvlcyclohexane
Concen: 17.835 ug/l
RT: 9.04 min Scan# 2318
Delta R.T. -0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 40702
Ion Ratio Lower Upper
83 100
55 89.6 67.3 100.9
98 48.4 37.7 56.5

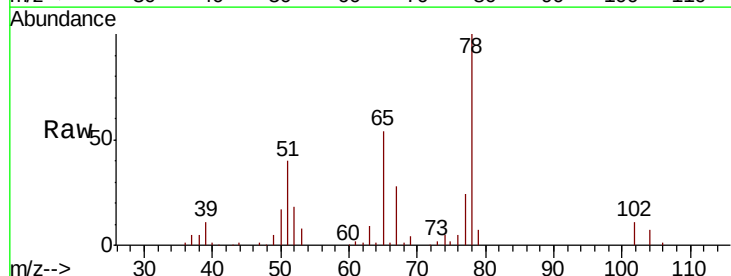


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

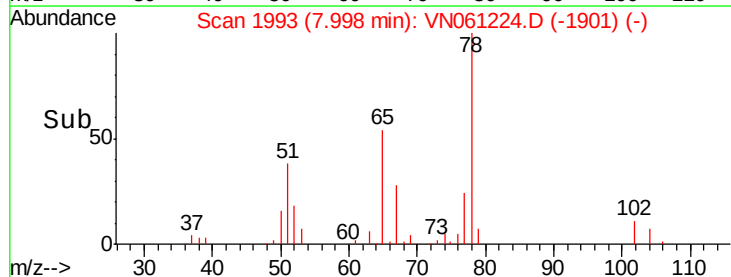
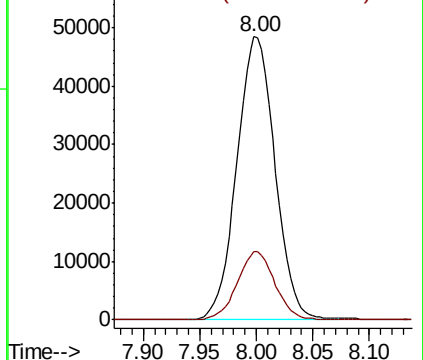


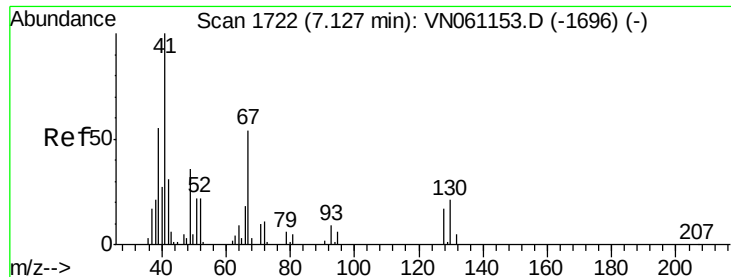
#40
Benzene
Concen: 18.771 ug/l
RT: 8.00 min Scan# 1993
Delta R.T. -0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Tgt Ion: 78 Resp: 113801
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6



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

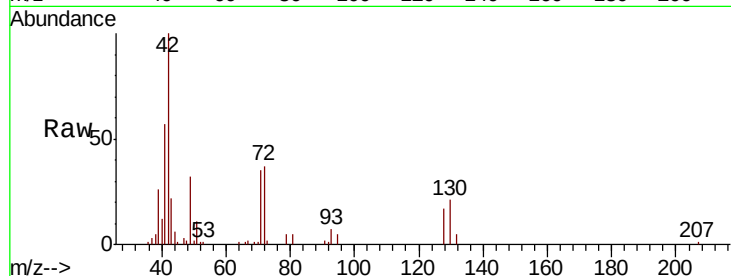




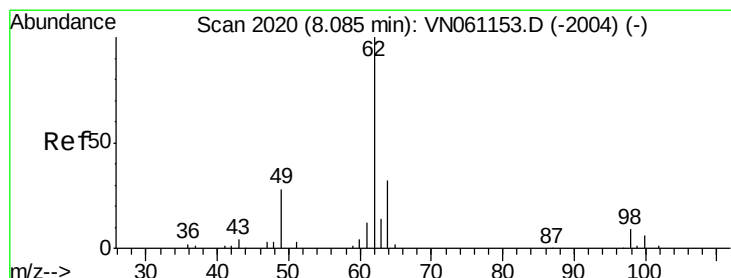
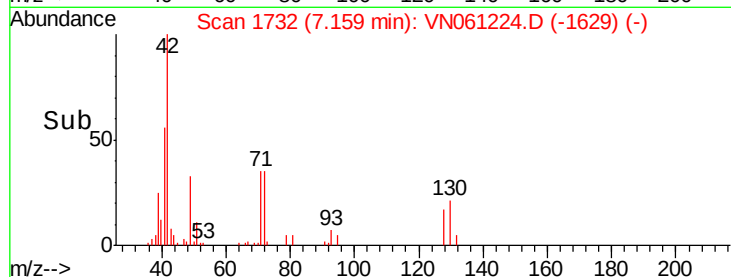
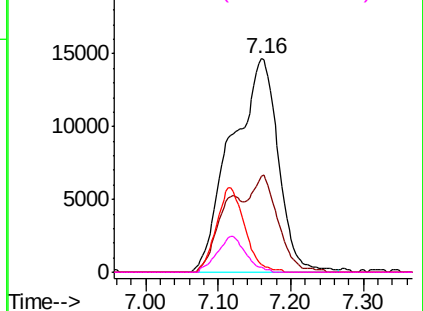
#41
Methacrylonitrile
Concen: 66.370 ug/l
RT: 7.16 min Scan# 1732
Delta R.T. 0.03 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	65742
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

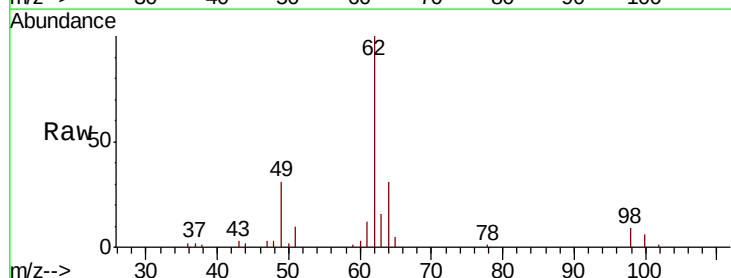


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

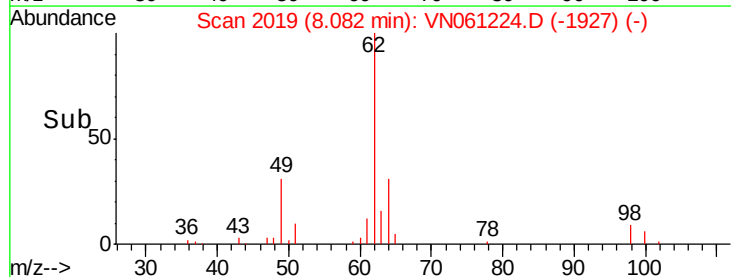
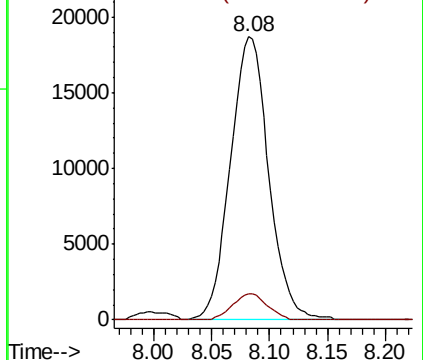


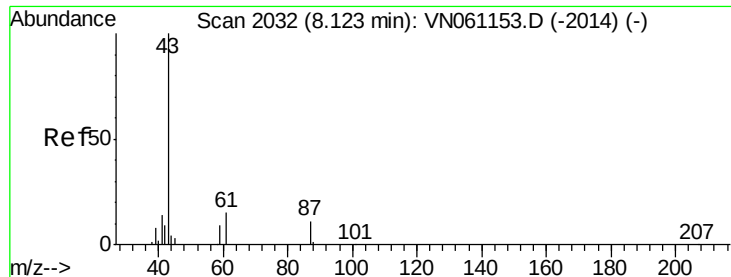
#42
1,2-Dichloroethane
Concen: 18.647 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Tgt Ion:	62	Resp:	42828
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.8



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

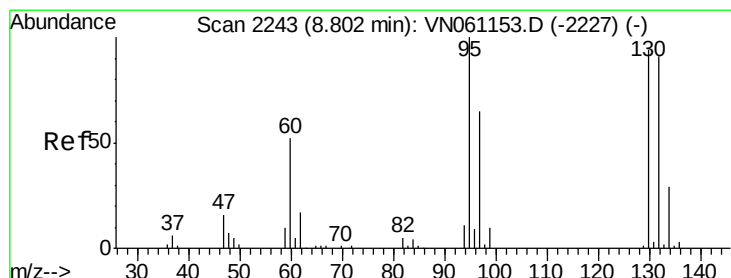
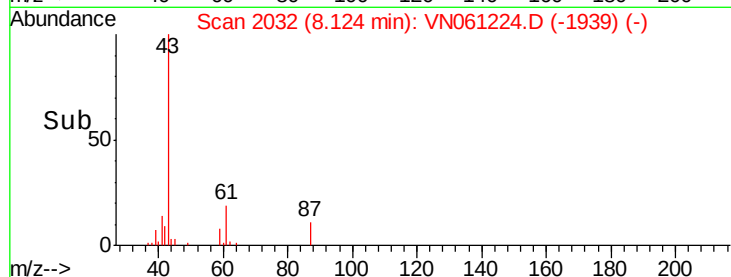
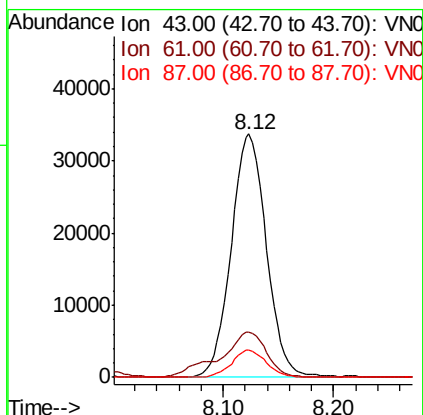
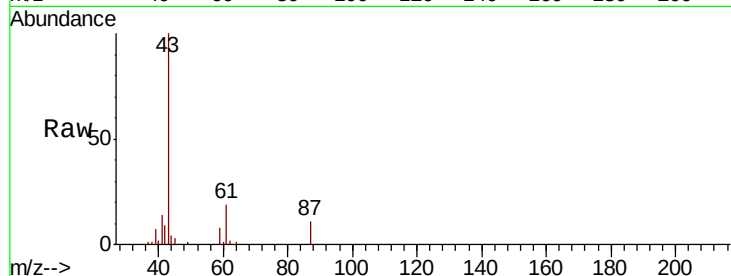




#43
Isopropyl Acetate
Concen: 18.877 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

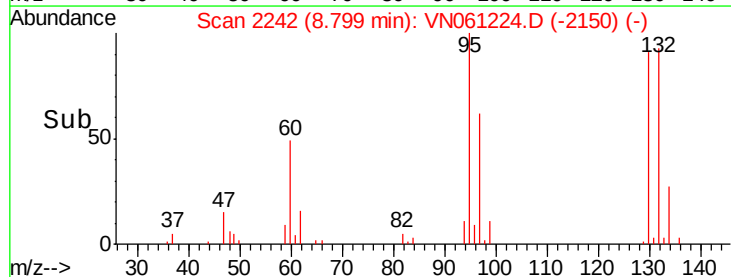
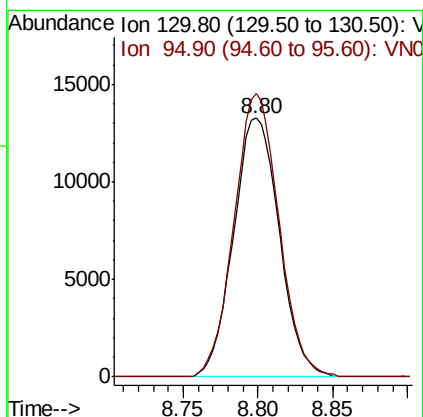
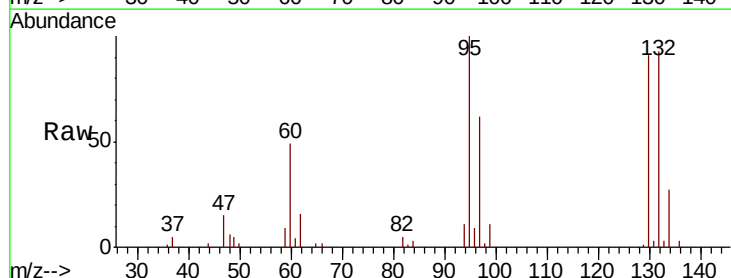
Instrument :
MSVOA_N
ClientSampled :

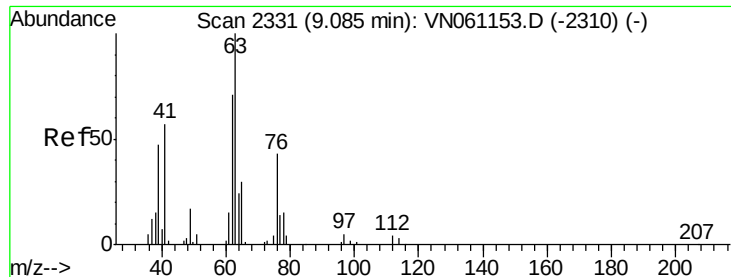
Tot Ion: 43 Resp: 74738
Ion Ratio Lower Upper
43 100
61 24.7 19.5 29.3
87 10.9 8.9 13.3



#44
Trichloroethene
Concen: 17.257 ug/l
RT: 8.80 min Scan# 2242
Delta R.T. -0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Tgt Ion:130 Resp: 28283
Ion Ratio Lower Upper
130 100
95 109.5 0.0 212.4





#45

1,2-Dichloropropane

Concen: 19.682 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

Instrument :

MSVOA_N

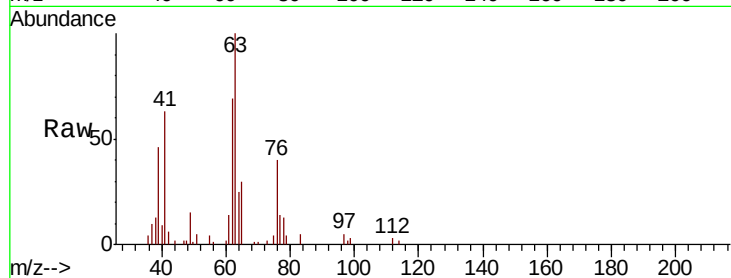
ClientSampleId :

Tot Ion: 63 Resp: 31879

Ion Ratio Lower Upper

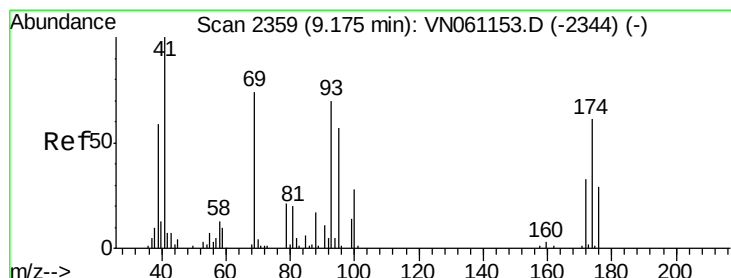
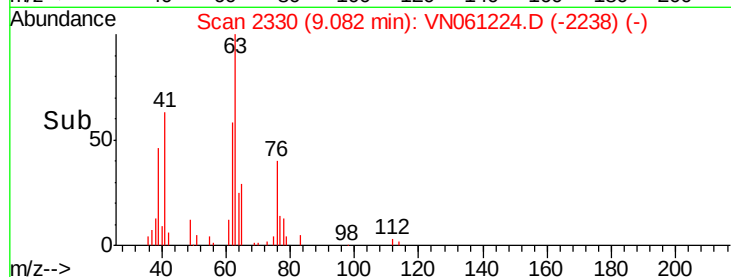
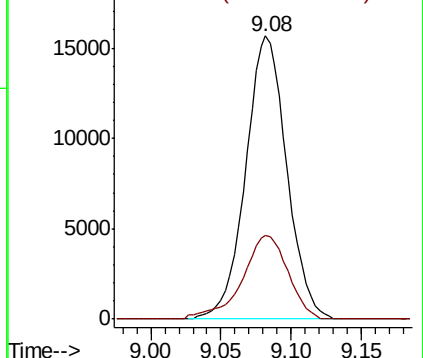
63 100

65 29.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.310 ug/l

RT: 9.17 min Scan# 2359

Delta R.T. 0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

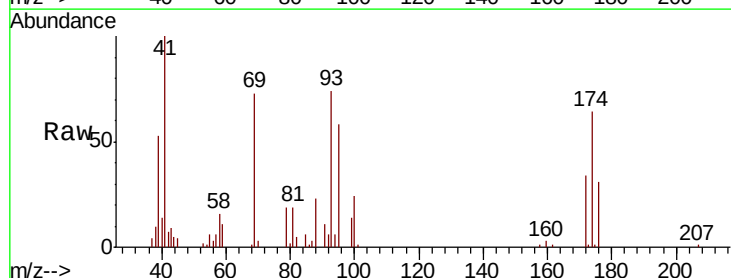
Tgt Ion: 93 Resp: 19366

Ion Ratio Lower Upper

93 100

95 78.7 66.6 99.8

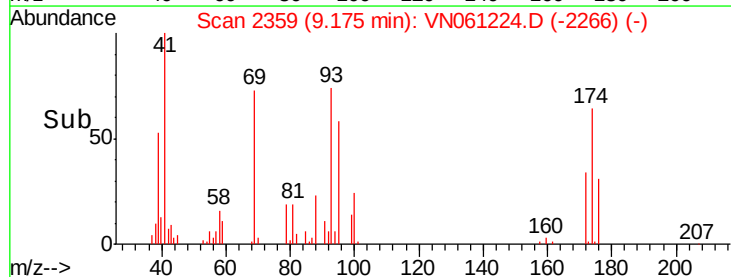
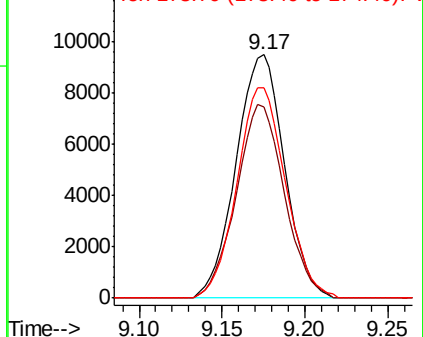
174 86.8 70.2 105.2

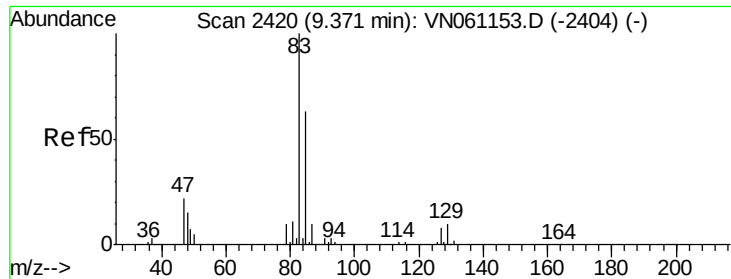


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

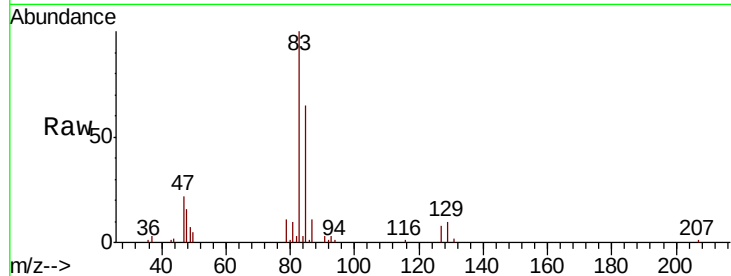




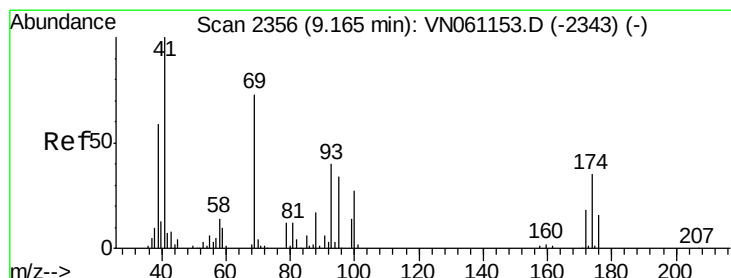
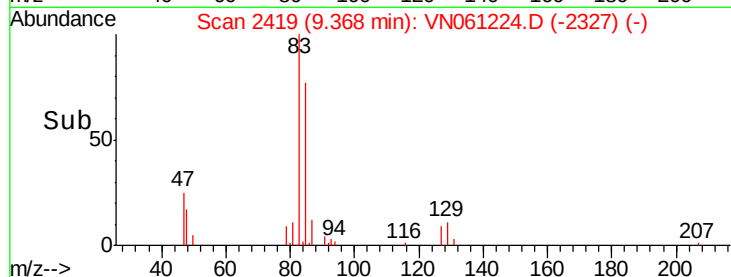
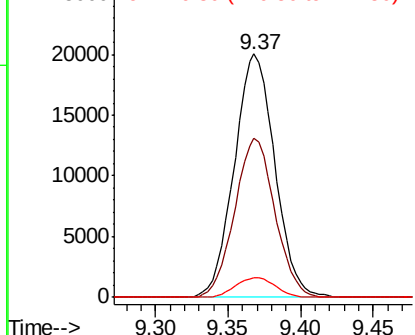
#47
Bromodichloromethane
Concen: 18.122 ug/l
RT: 9.37 min Scan# 2419
Delta R.T. -0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 39008
Ion Ratio Lower Upper
83 100
85 65.4 50.4 75.6
127 7.8 6.2 9.2

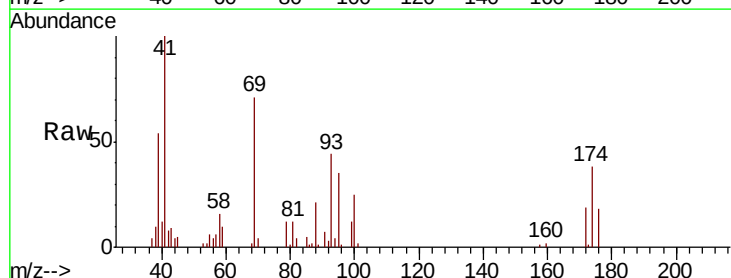


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

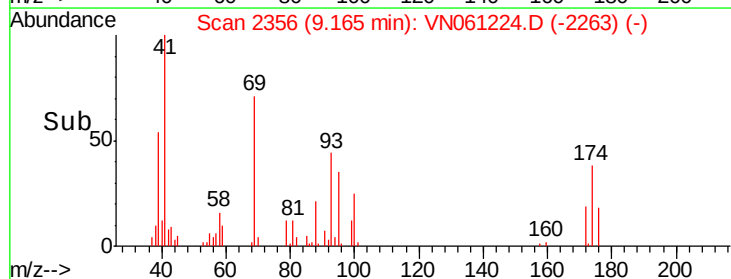
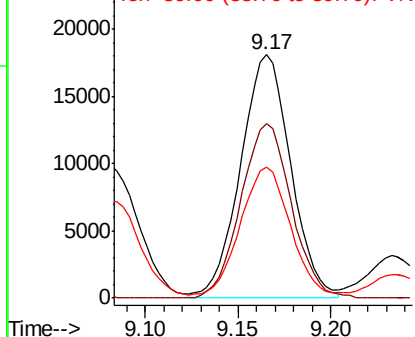


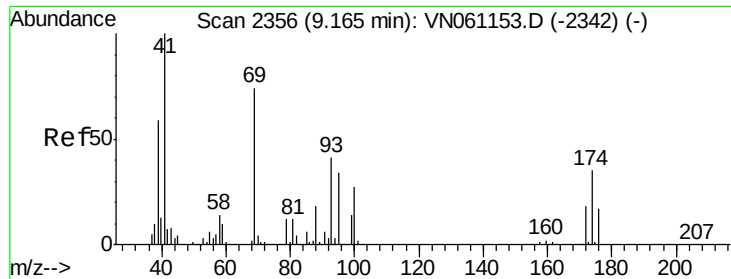
#48
Methyl methacrylate
Concen: 19.113 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Tgt Ion: 41 Resp: 34148
Ion Ratio Lower Upper
41 100
69 71.9 60.3 90.5
39 51.7 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

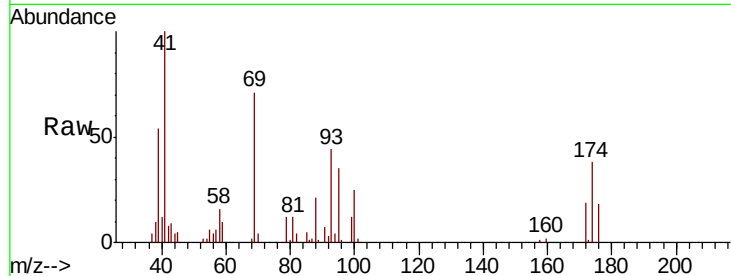




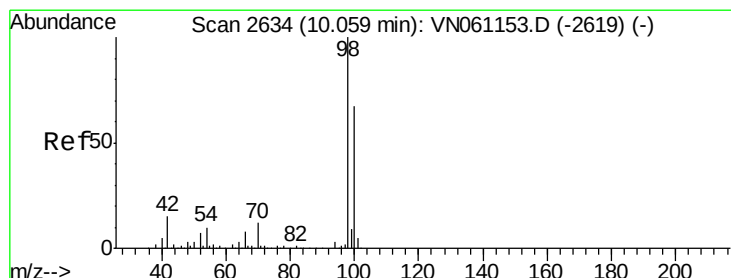
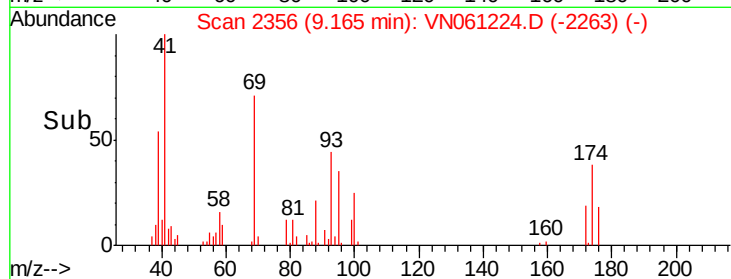
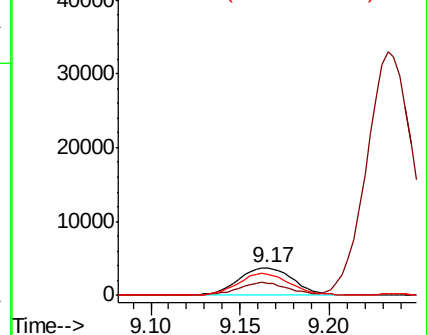
#49
1,4-Dioxane
Concen: 395.254 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 8016
Ion Ratio Lower Upper
88 100
43 42.3 35.3 52.9
58 75.1 61.5 92.3

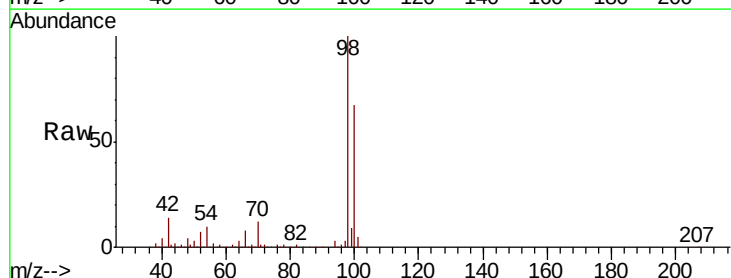


Abundance Ion 88.00 (87.70 to 88.70): VN061153.D (-2342) (-)
Ion 43.00 (42.70 to 43.70): VN061153.D (-2342) (-)
Ion 58.00 (57.70 to 58.70): VN061153.D (-2342) (-)

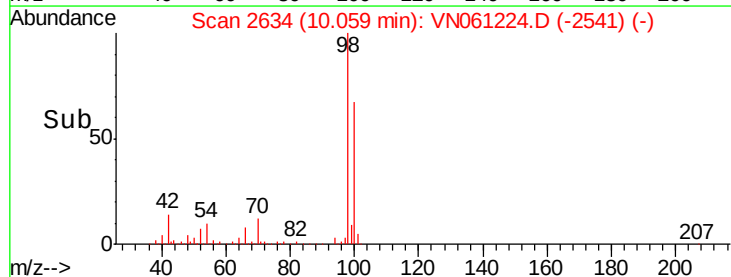
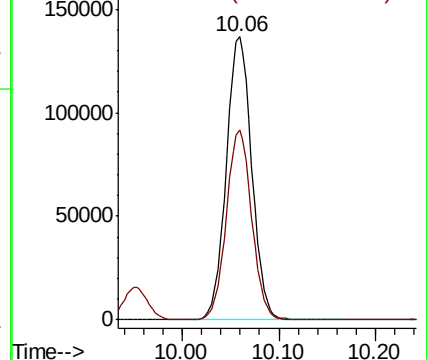


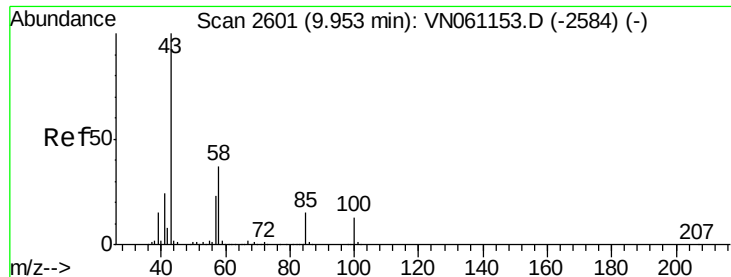
#50
Toluene-d8
Concen: 51.076 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Tgt Ion: 98 Resp: 250287
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)
Ion 100.00 (99.70 to 100.70): VN061153.D (-2619) (-)

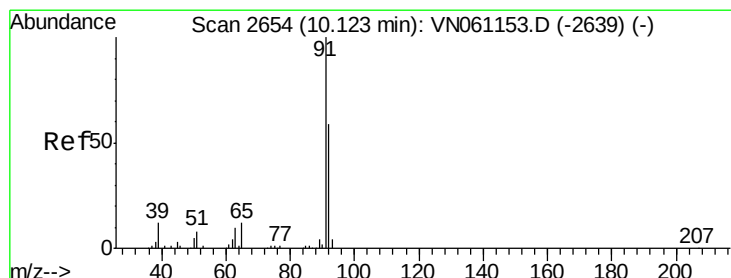
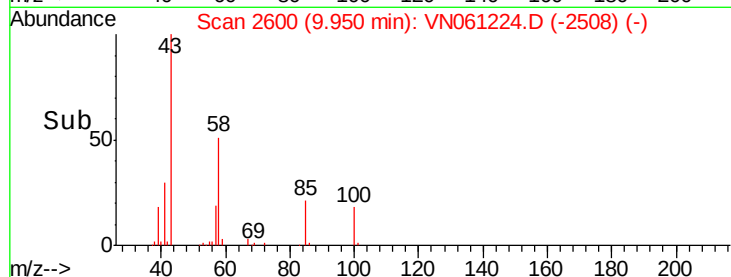
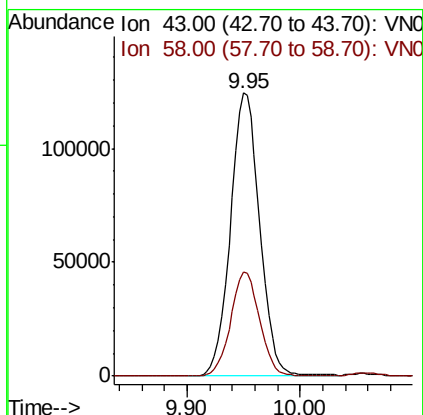
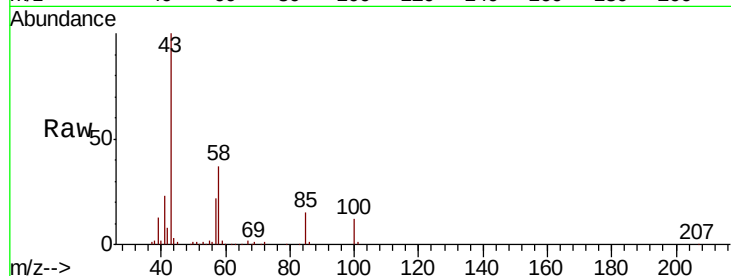




#51
 4-Methyl-2-Pentanone
 Concen: 96.094 ug/l
 RT: 9.95 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: VN061224.D
 Acq: 1 May 2020 12:48

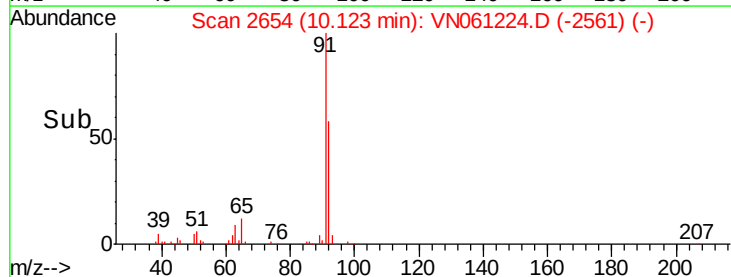
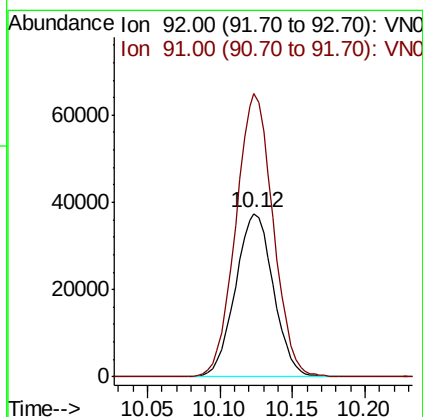
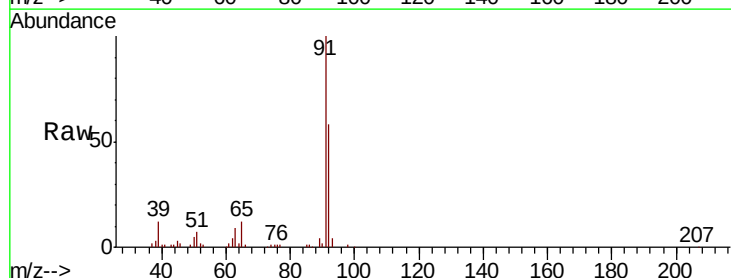
Instrument :
 MSVOA_N
 ClientSampled :

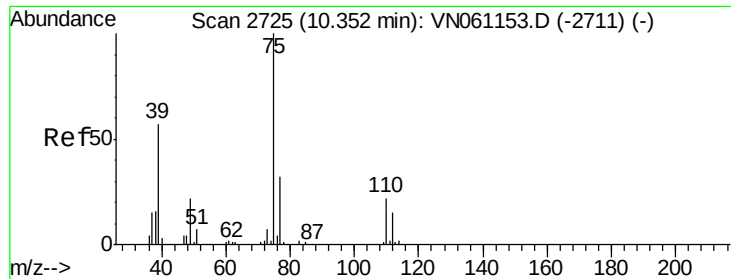
Tot Ion: 43 Resp: 223948
 Ion Ratio Lower Upper
 43 100
 58 36.3 29.1 43.7



#52
 Toluene
 Concen: 18.653 ug/l
 RT: 10.12 min Scan# 2654
 Delta R.T. 0.00 min
 Lab File: VN061224.D
 Acq: 1 May 2020 12:48

Tgt Ion: 92 Resp: 68115
 Ion Ratio Lower Upper
 92 100
 91 170.6 136.2 204.2

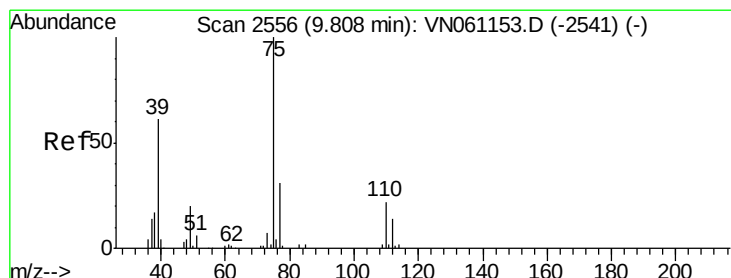
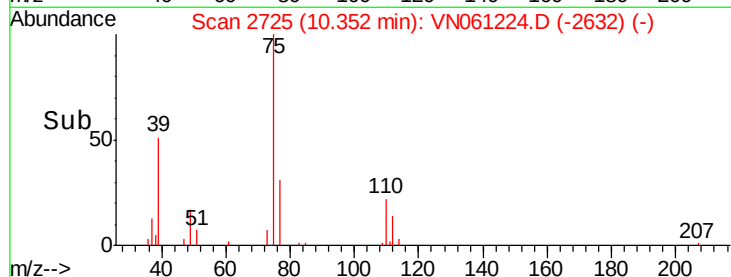
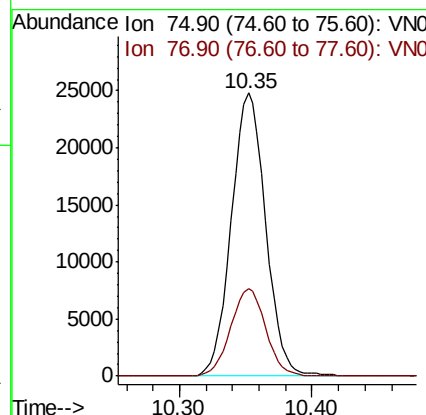
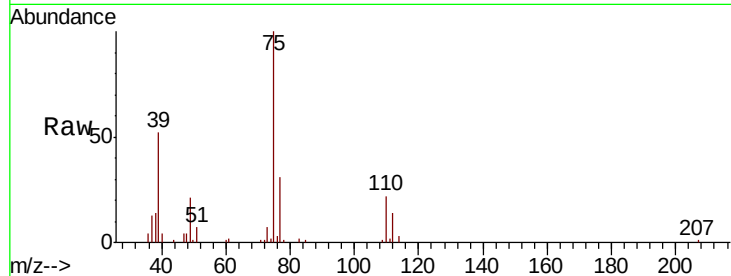




#53
t-1,3-Dichloropropene
Concen: 18.360 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

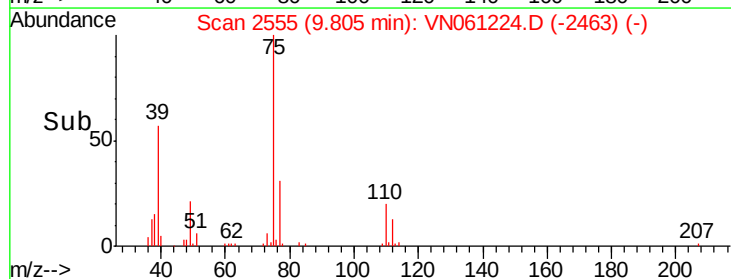
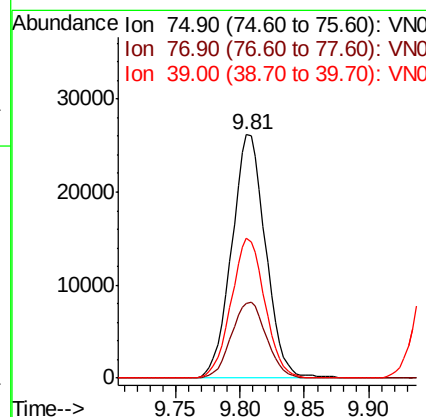
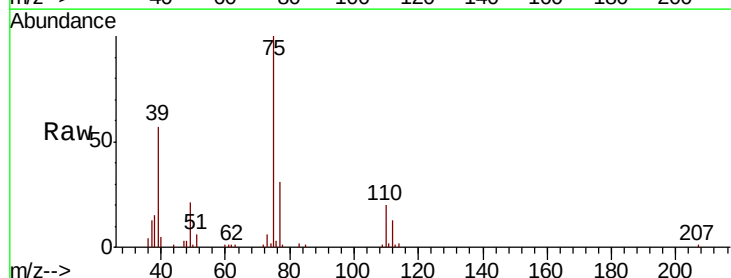
Instrument :
MSVOA_N
ClientSampled :

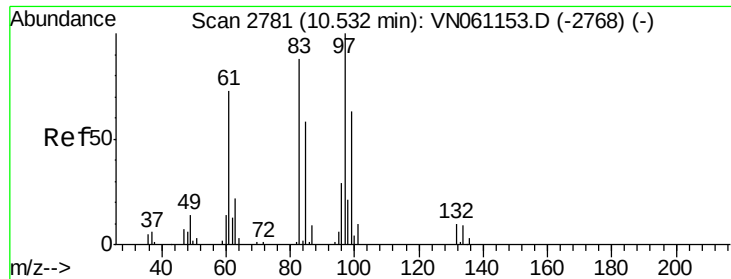
Tot Ion: 75 Resp: 44531
Ion Ratio Lower Upper
75 100
77 30.9 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 18.584 ug/l
RT: 9.81 min Scan# 2555
Delta R.T. -0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Tgt Ion: 75 Resp: 47653
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.4
39 57.2 48.7 73.1

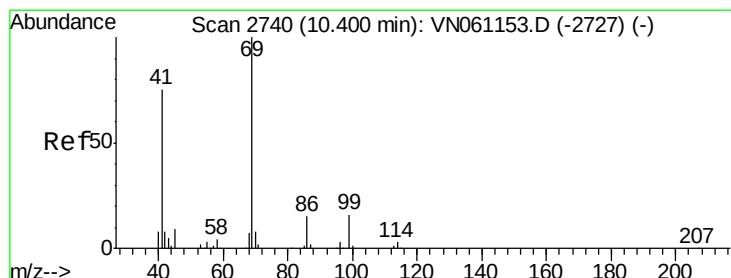
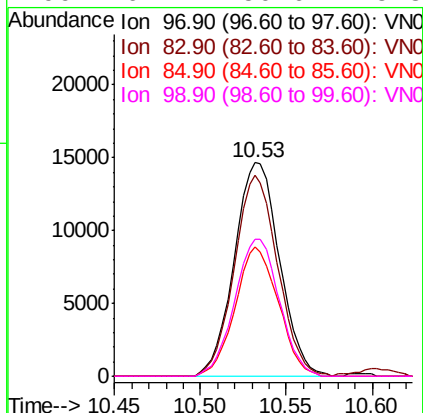
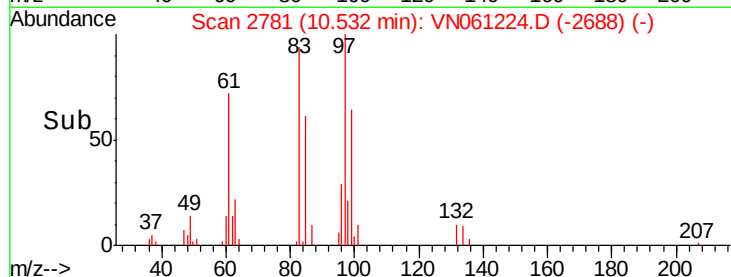
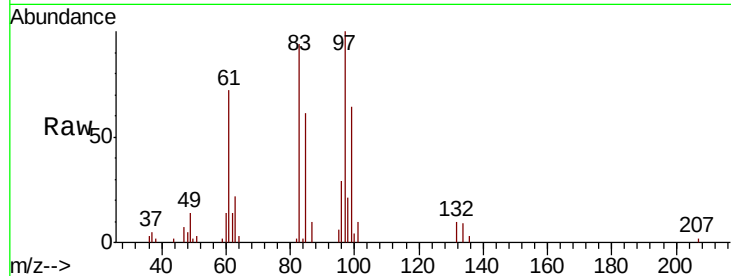




#55
 1,1,2-Trichloroethane
 Concen: 18.436 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061224.D
 Acq: 1 May 2020 12:48

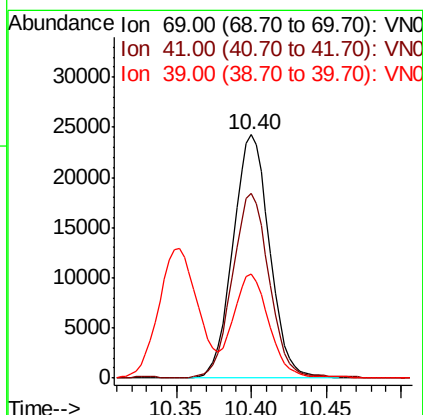
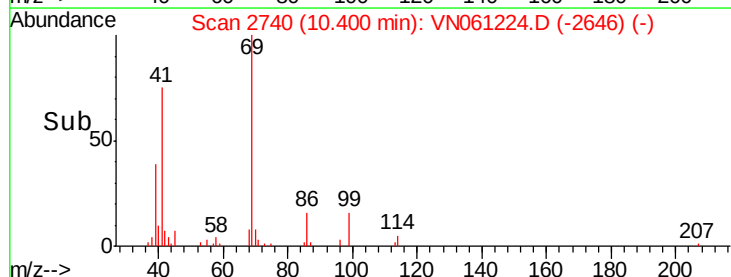
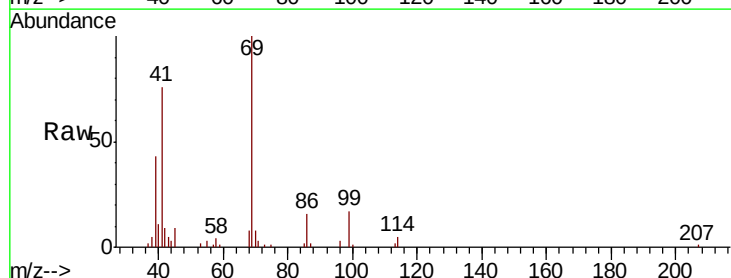
Instrument :
 MSVOA_N
 ClientSampleId :

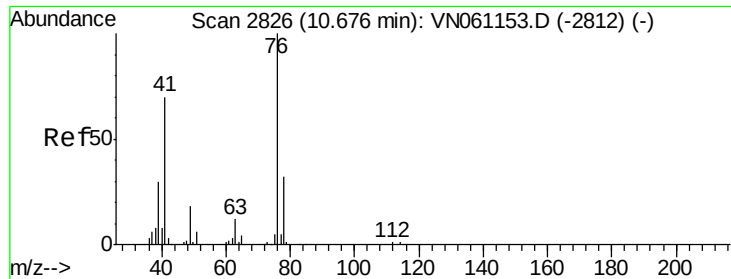
Tot Ion:	97	Resp:	26853
Ion	Ratio	Lower	Upper
97	100		
83	93.9	70.6	106.0
85	60.8	46.4	69.6
99	64.1	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 18.094 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061224.D
 Acq: 1 May 2020 12:48

Tgt Ion:	69	Resp:	41255
Ion	Ratio	Lower	Upper
69	100		
41	77.3	60.3	90.5
39	40.8	35.9	53.9

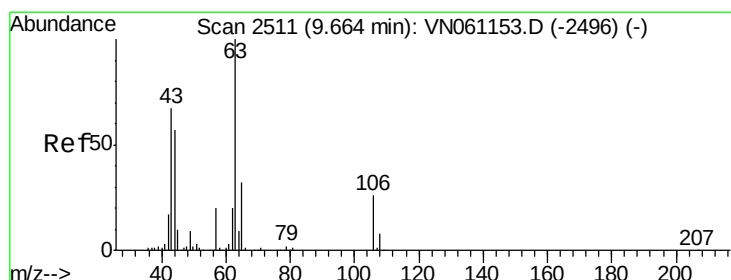
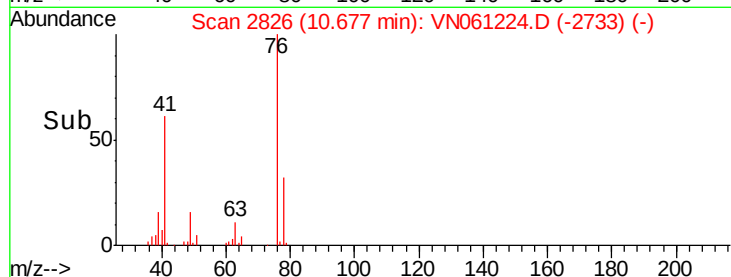
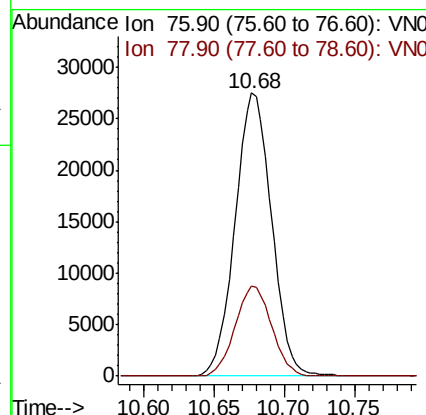
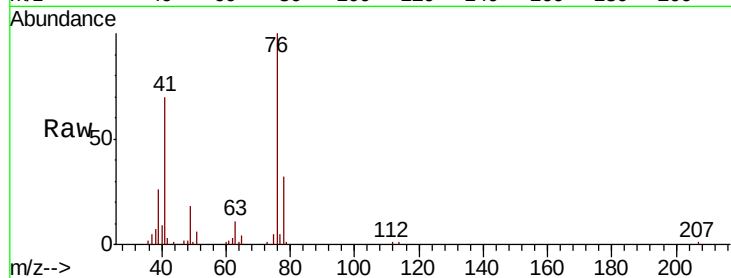




#57
 1,3-Dichloropropane
 Concen: 19.454 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061224.D
 Acq: 1 May 2020 12:48

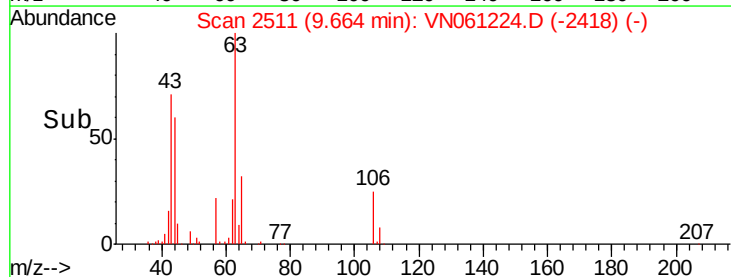
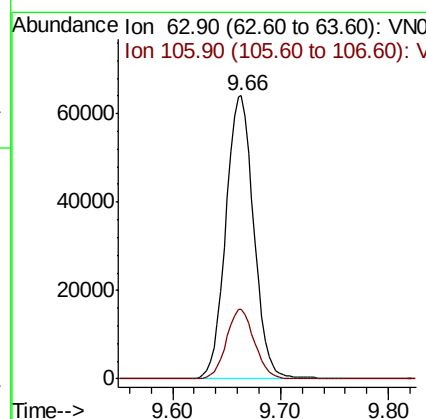
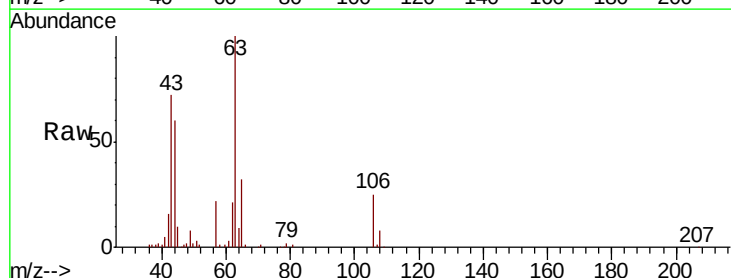
Instrument :
 MSVOA_N
 ClientSampled :

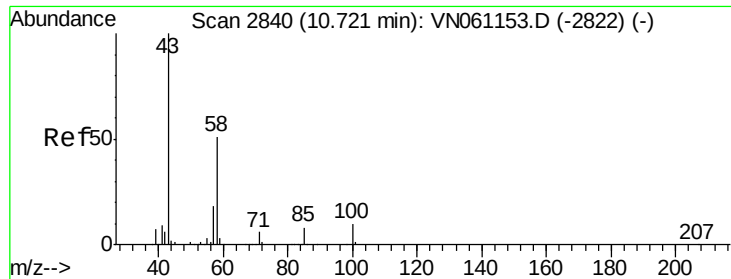
Tot Ion: 76 Resp: 49808
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.039 ug/l
 RT: 9.66 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: VN061224.D
 Acq: 1 May 2020 12:48

Tgt Ion: 63 Resp: 115590
 Ion Ratio Lower Upper
 63 100
 106 24.7 20.6 30.8

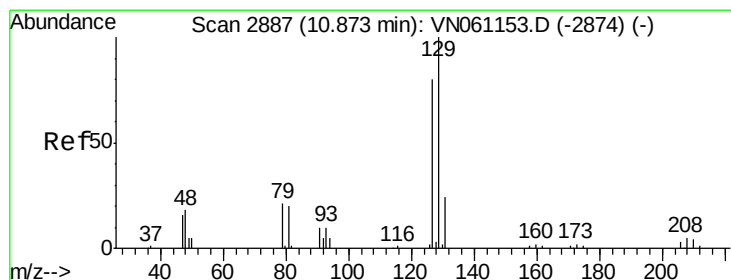
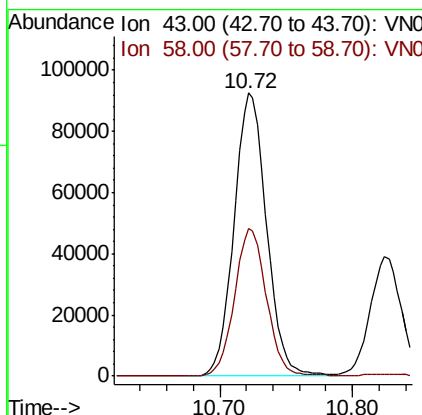
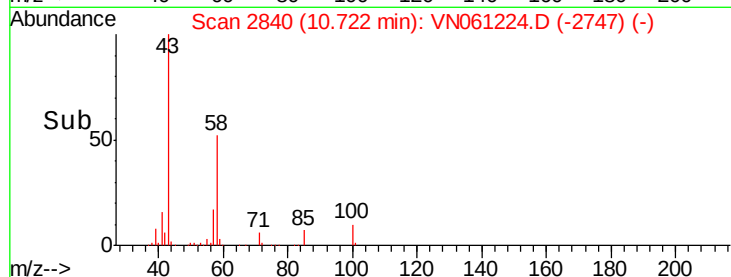
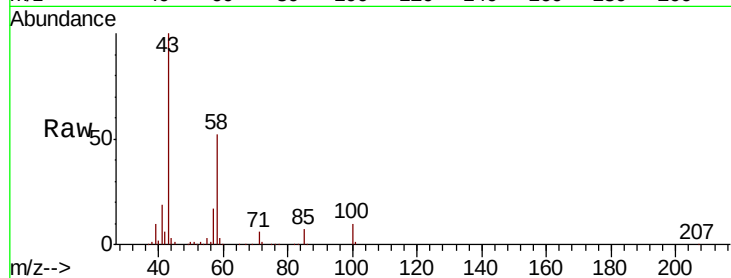




#59
2-Hexanone
Concen: 92.799 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

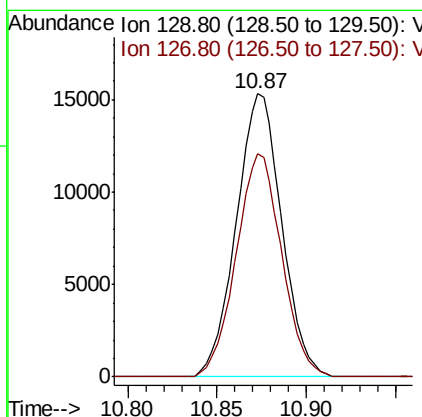
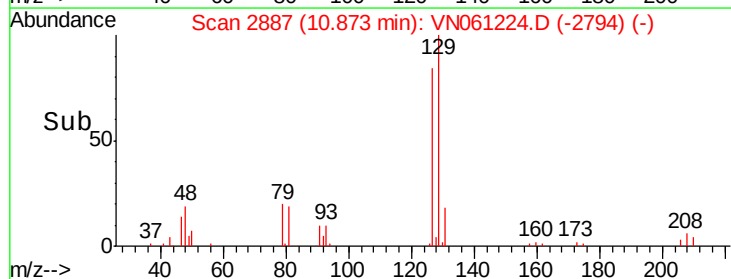
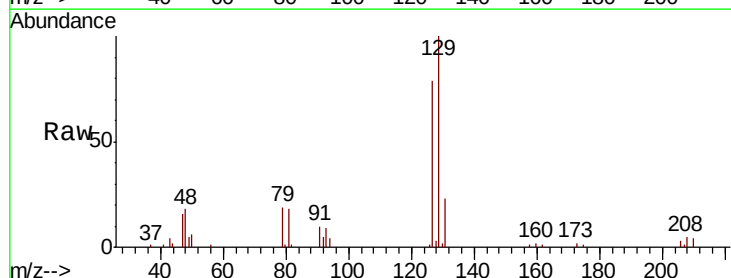
Instrument :
MSVOA_N
ClientSampleId :

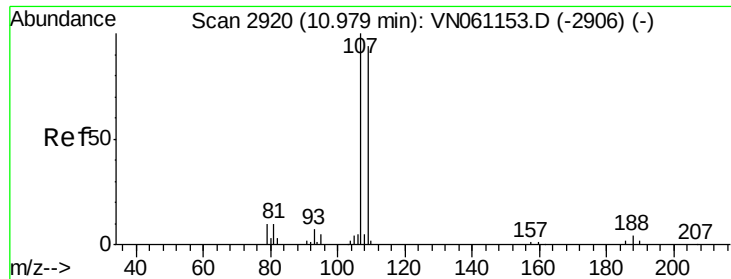
Tot Ion: 43 Resp: 157341
Ion Ratio Lower Upper
43 100
58 51.4 25.4 76.4



#60
Dibromochloromethane
Concen: 17.893 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Tgt Ion: 129 Resp: 27296
Ion Ratio Lower Upper
129 100
127 78.8 39.3 117.8

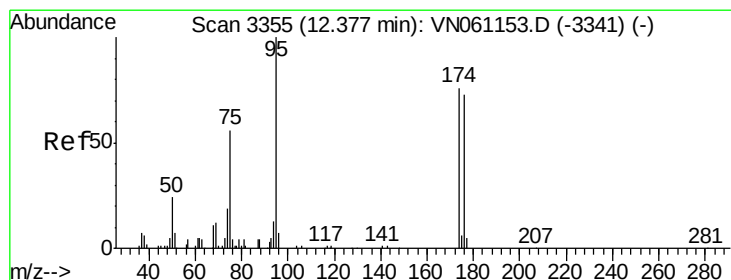
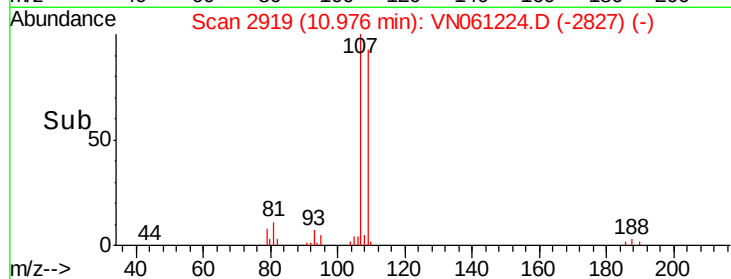
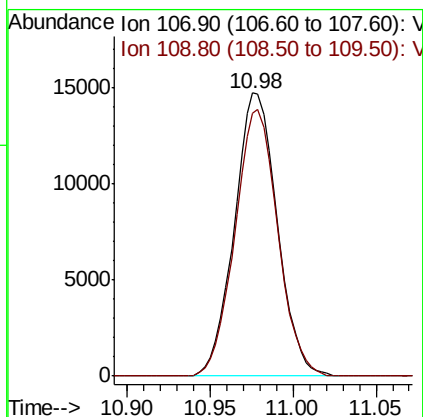
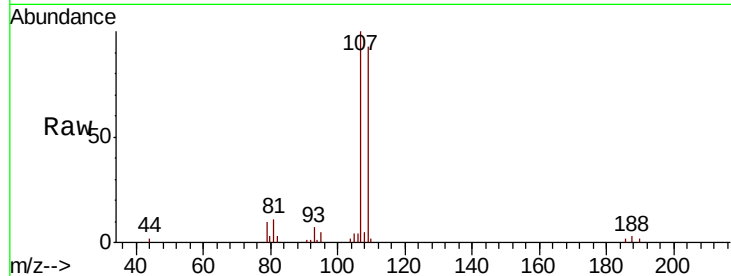




#61
 1,2-Dibromoethane
 Concen: 18.093 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061224.D
 Acq: 1 May 2020 12:48

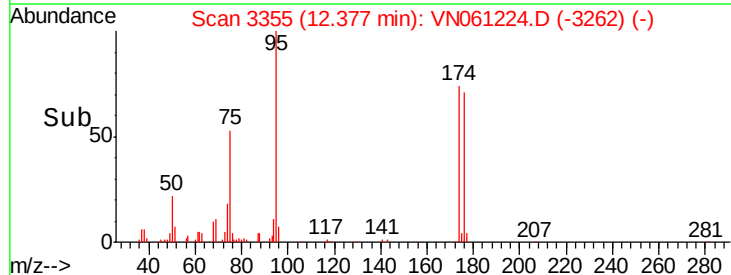
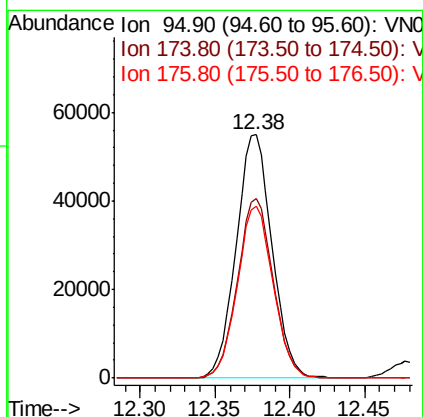
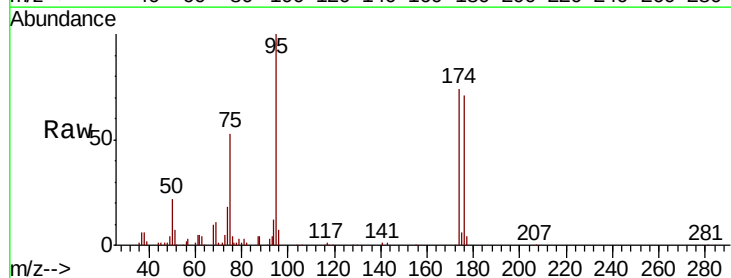
Instrument :
 MSVOA_N
 ClientSampleId :

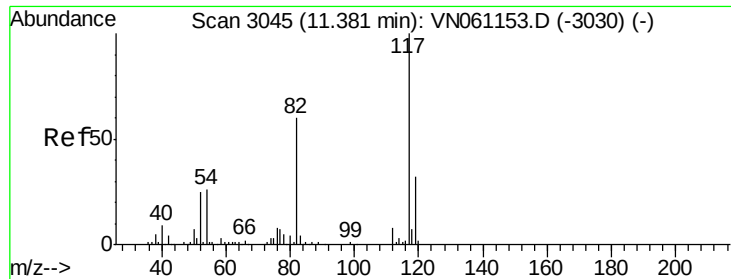
Tot Ion:107 Resp: 26414
 Ion Ratio Lower Upper
 107 100
 109 94.2 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 49.790 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061224.D
 Acq: 1 May 2020 12:48

Tgt Ion: 95 Resp: 91815
 Ion Ratio Lower Upper
 95 100
 174 73.1 0.0 149.4
 176 70.4 0.0 144.8

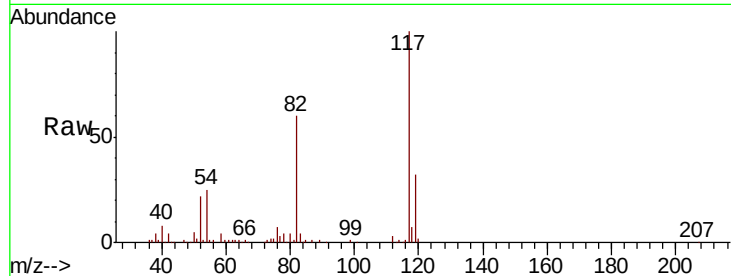




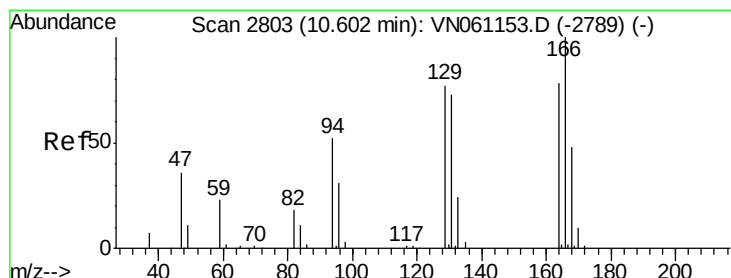
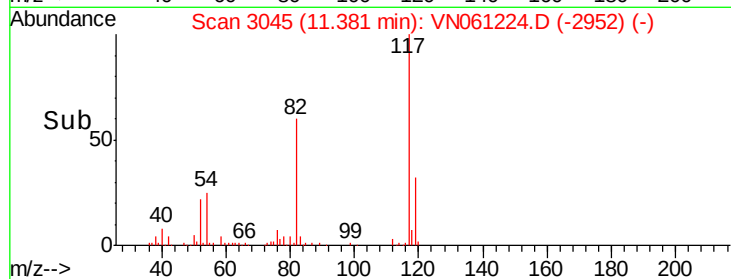
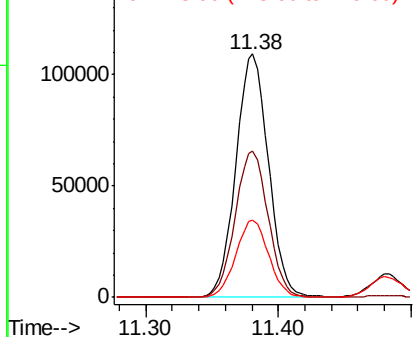
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 186489
Ion Ratio Lower Upper
117 100
82 59.9 47.8 71.8
119 31.9 25.8 38.6

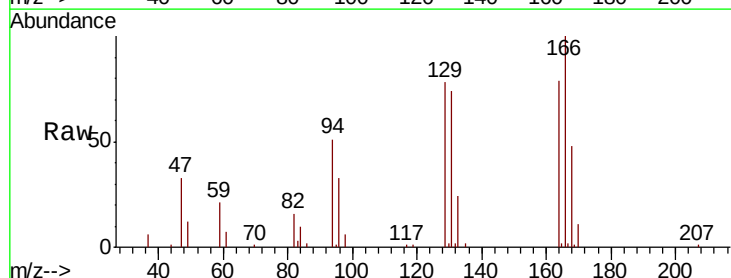


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

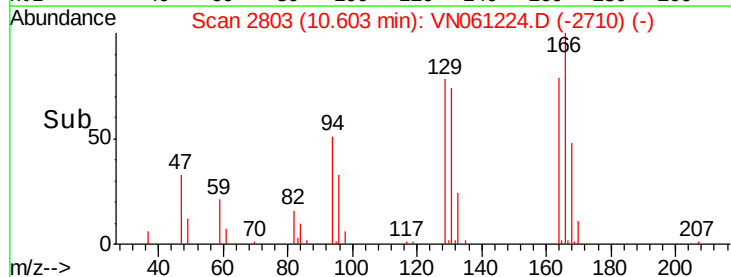
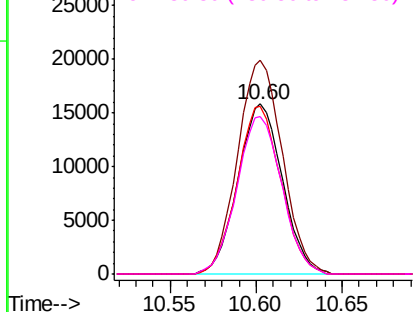


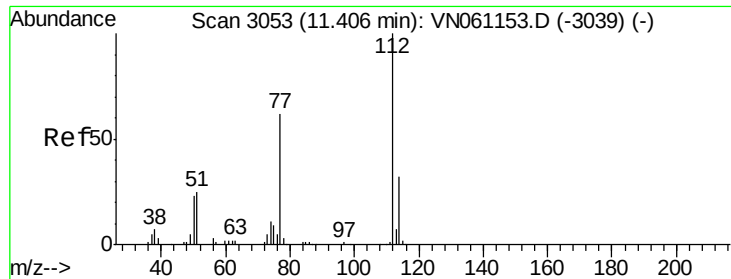
#64
Tetrachloroethene
Concen: 17.555 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Tgt Ion:164 Resp: 28355
Ion Ratio Lower Upper
164 100
166 125.8 102.0 153.0
129 98.8 78.2 117.2
131 92.7 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

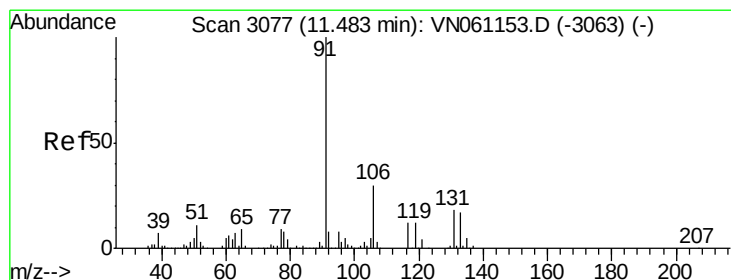
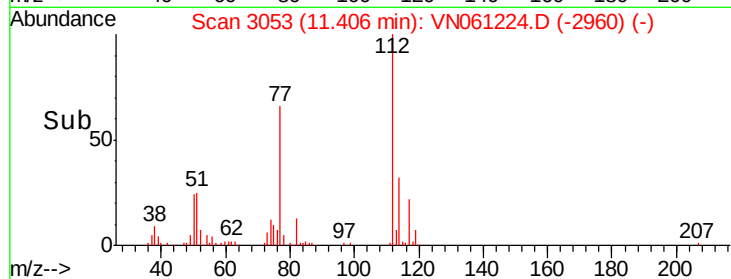
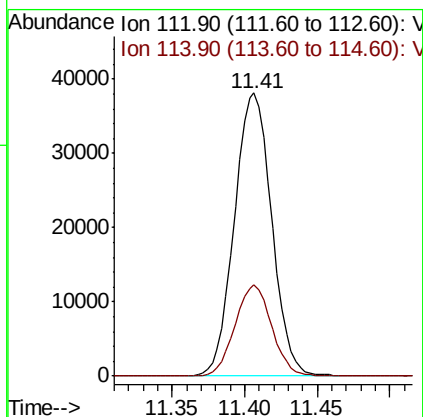
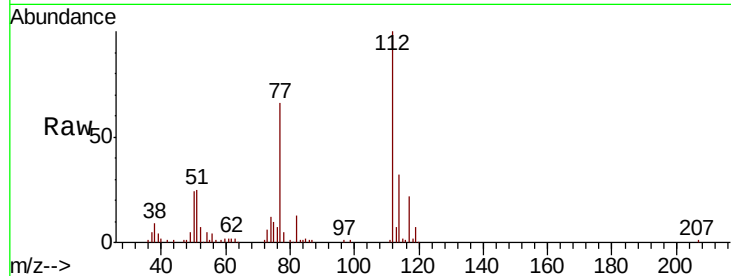




#65
Chlorobenzene
Concen: 18.447 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

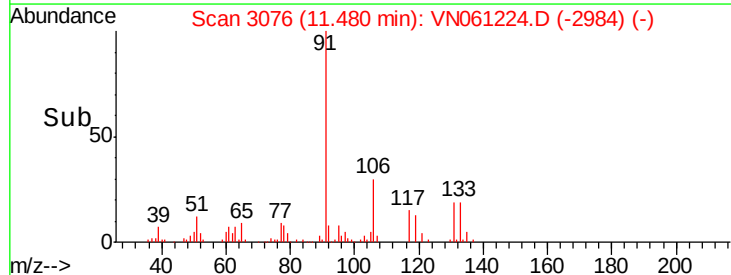
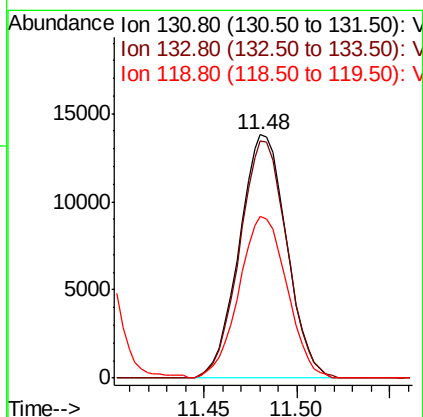
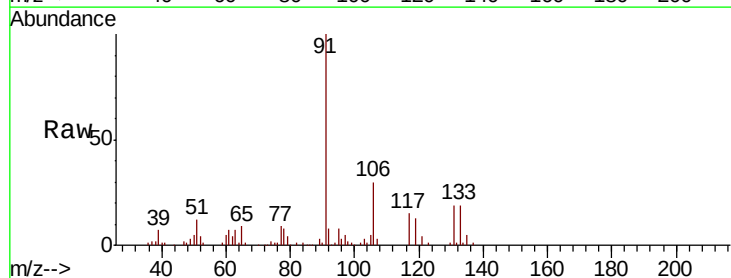
Instrument :
MSVOA_N
ClientSampleId :

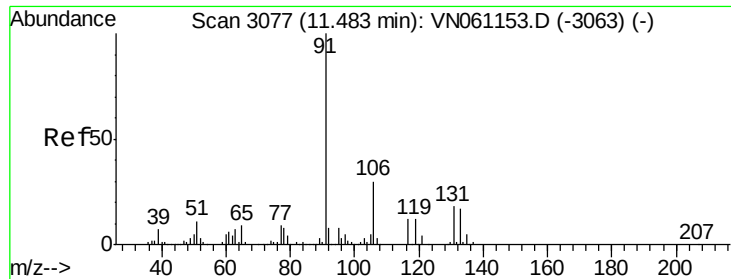
Tot Ion:112 Resp: 68242
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.491 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Tgt Ion:131 Resp: 24482
Ion Ratio Lower Upper
131 100
133 97.1 48.0 144.2
119 67.1 32.6 97.8





#67

Ethyl Benzene

Concen: 18.514 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

Instrument :

MSVOA_N

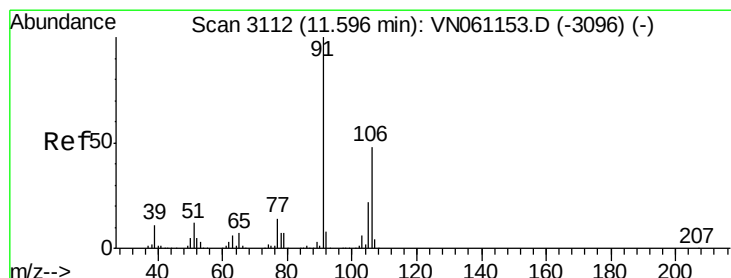
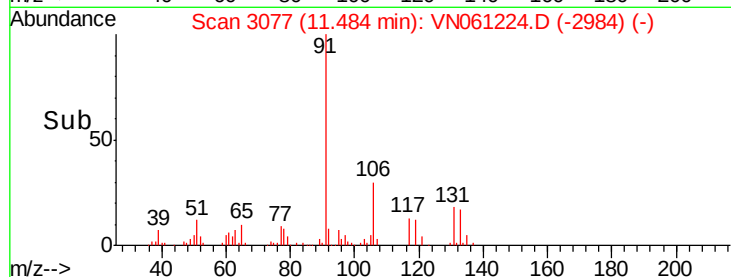
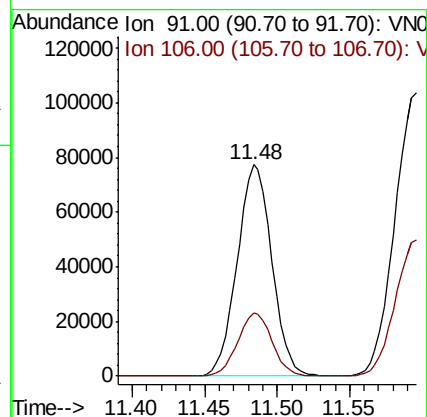
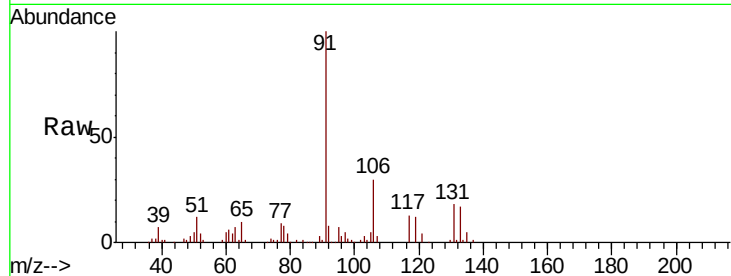
ClientSampleId :

Tot Ion: 91 Resp: 128208

Ion Ratio Lower Upper

91 100

106 29.7 23.8 35.6



#68

m/p-Xylenes

Concen: 37.032 ug/l

RT: 11.60 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VN061224.D

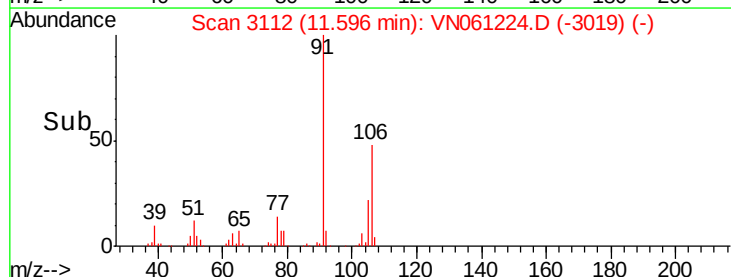
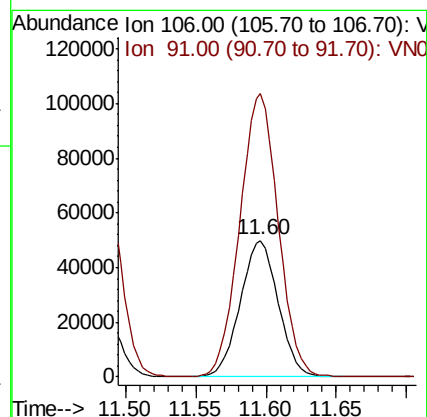
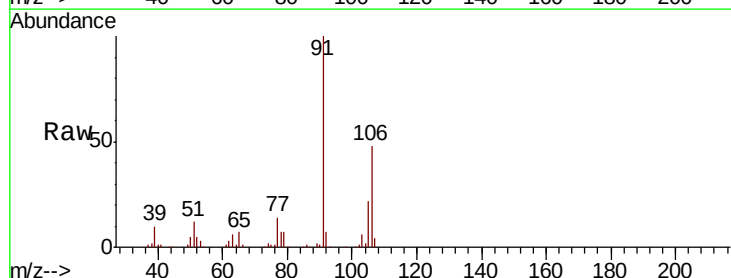
Acq: 1 May 2020 12:48

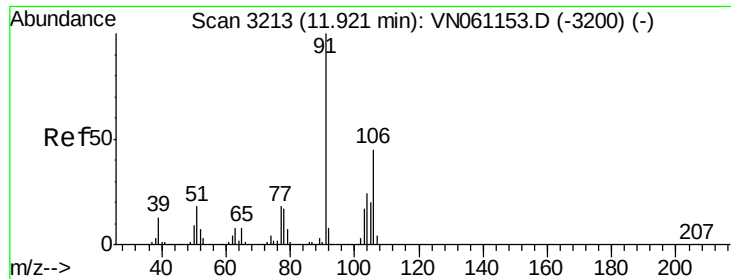
Tgt Ion: 106 Resp: 93867

Ion Ratio Lower Upper

106 100

91 210.8 166.4 249.6

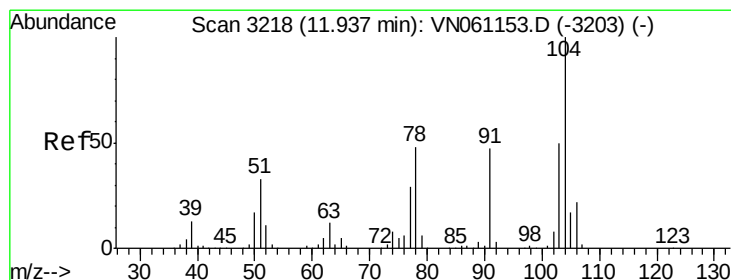
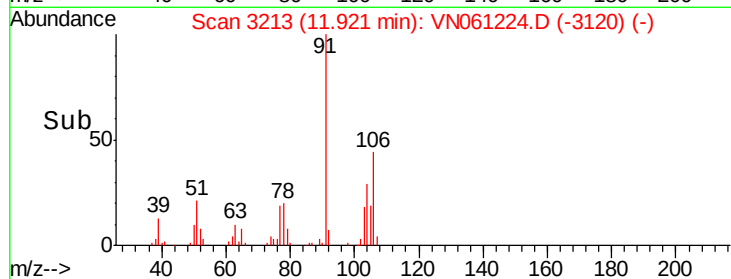
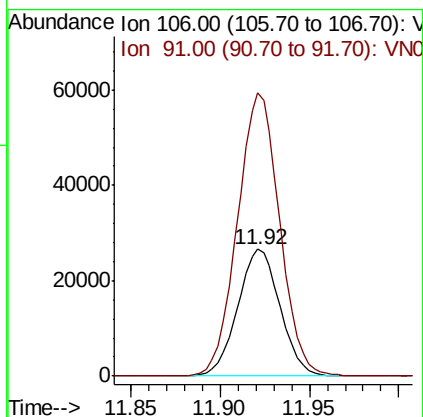
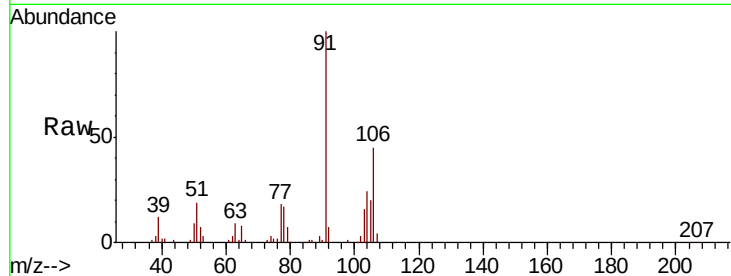




#69
o-Xylene
Concen: 18.081 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

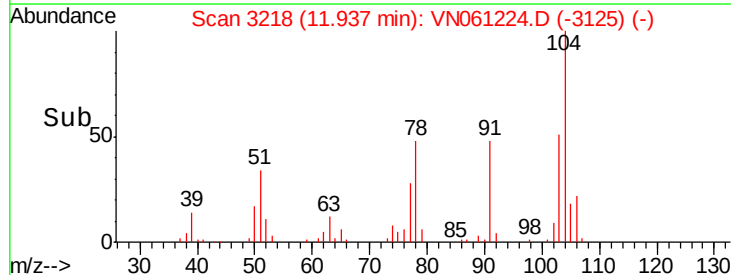
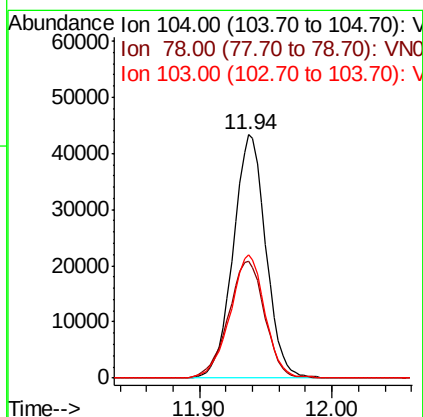
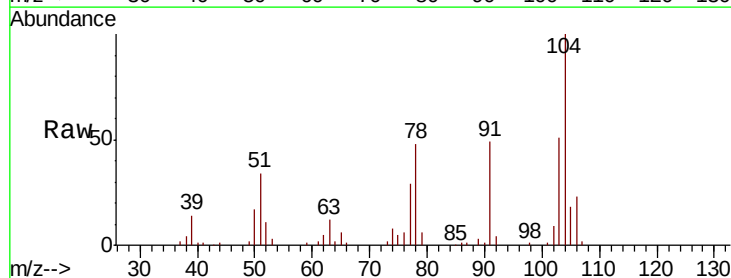
Instrument :
MSVOA_N
ClientSampled :

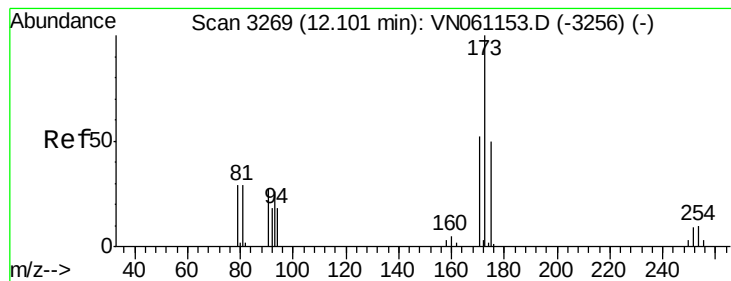
Tot Ion:106 Resp: 44024
Ion Ratio Lower Upper
106 100
91 223.2 109.7 329.0



#70
Styrene
Concen: 18.137 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Tgt Ion:104 Resp: 73910
Ion Ratio Lower Upper
104 100
78 53.5 42.1 63.1
103 53.9 43.3 64.9





#71

Bromoform

Concen: 18.417 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

Instrument :

MSVOA_N

ClientSampled :

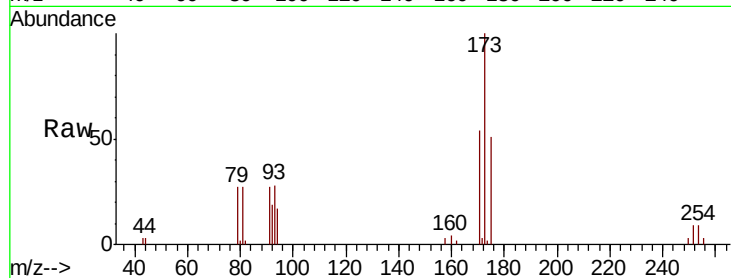
Tot Ion:173 Resp: 17921

Ion Ratio Lower Upper

173 100

175 49.4 24.1 72.4

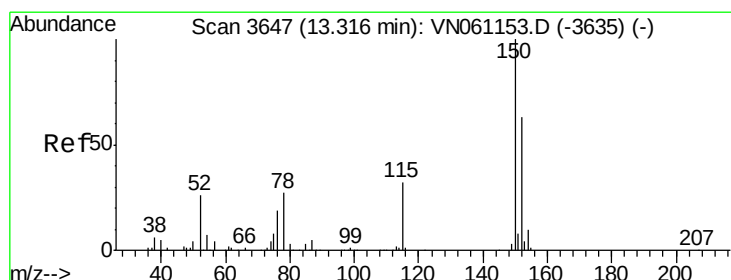
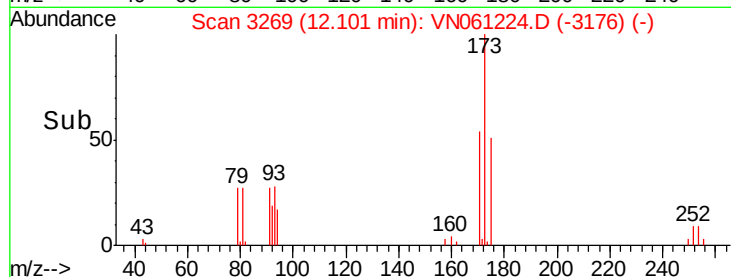
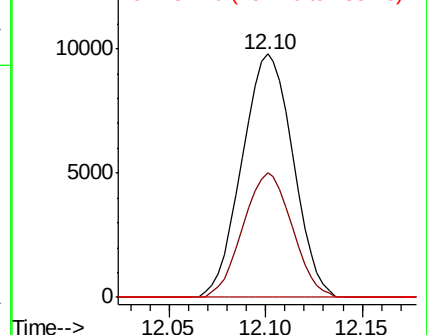
254 0.0 0.0 0.0



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# 3648

Delta R.T. 0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

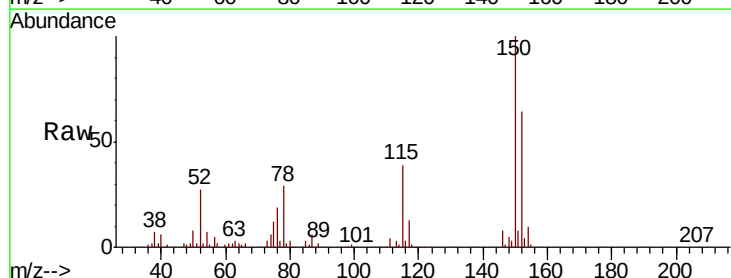
Tgt Ion:152 Resp: 87253

Ion Ratio Lower Upper

152 100

115 61.5 31.0 93.0

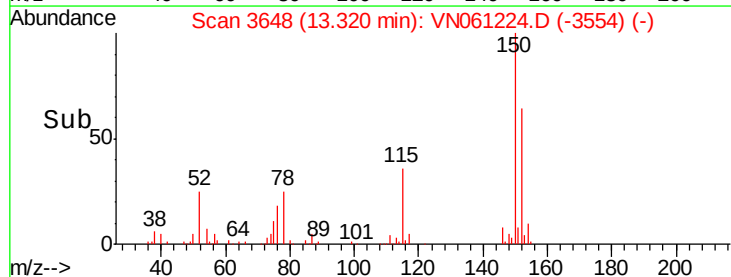
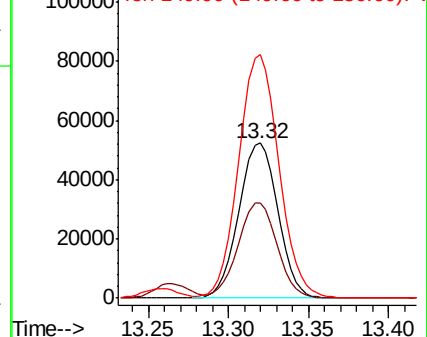
150 162.7 0.0 351.8

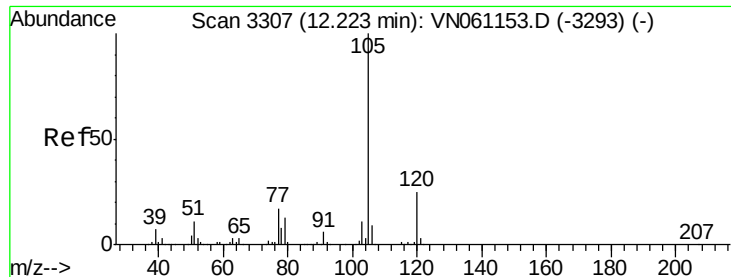


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.783 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

Instrument :

MSVOA_N

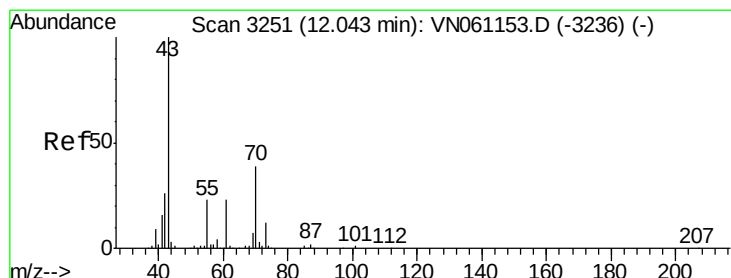
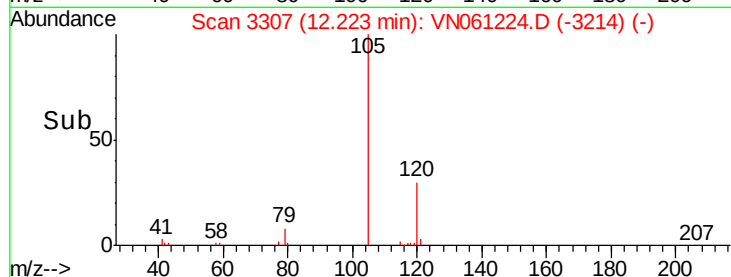
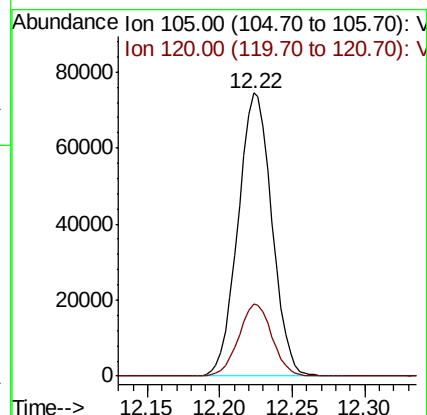
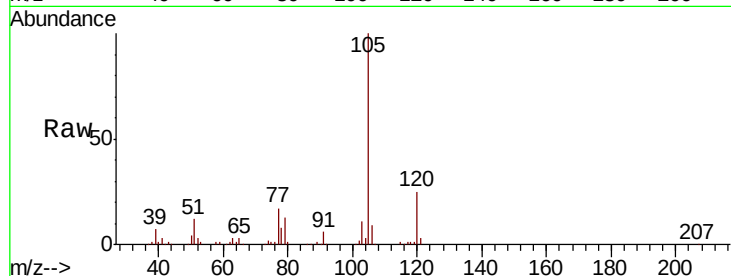
ClientSampleId :

Tot Ion:105 Resp: 120483

Ion Ratio Lower Upper

105 100

120 25.0 12.6 37.8



#74

N-ethyl acetate

Concen: 18.659 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. 0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

Tgt Ion: 43 Resp: 60606

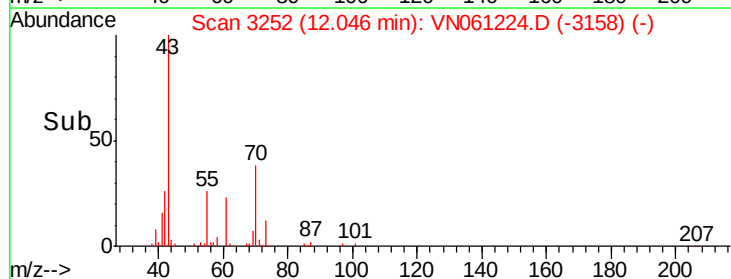
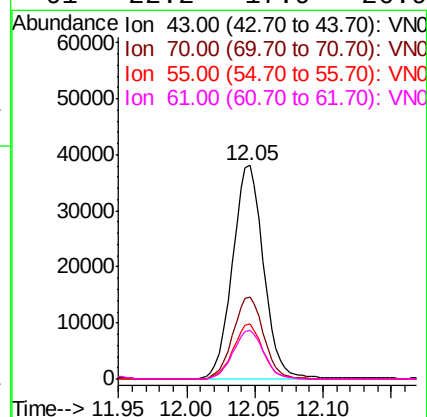
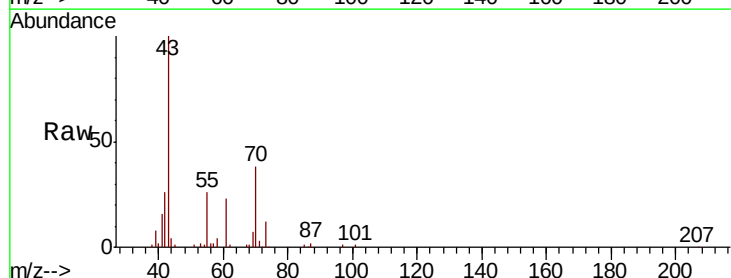
Ion Ratio Lower Upper

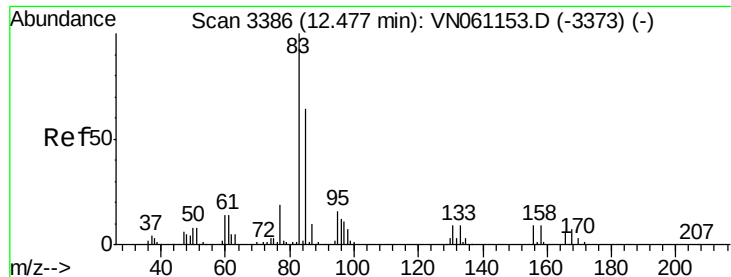
43 100

70 37.5 30.6 46.0

55 24.6 18.5 27.7

61 22.2 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.406 ug/l

RT: 12.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

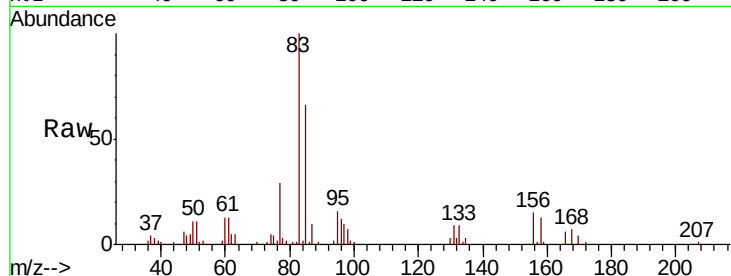
Tot Ion: 83 Resp: 38814

Ion Ratio Lower Upper

83 100

131 9.0 4.8 14.3

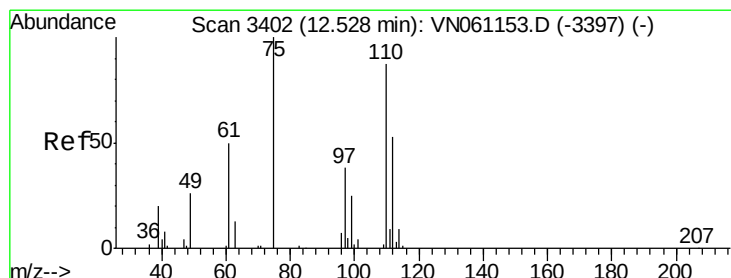
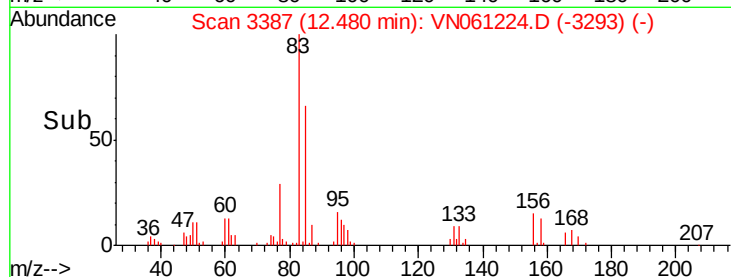
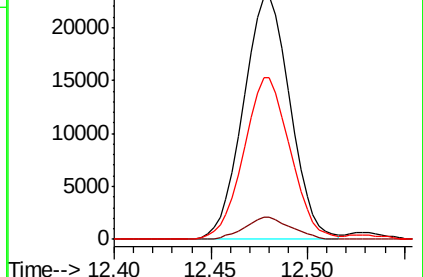
85 65.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-3373) (-)

Ion 130.80 (130.50 to 131.50): VN061153.D (-3373) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-3373) (-)



#76

1,2,3-Trichloropropane

Concen: 28.505 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061224.D

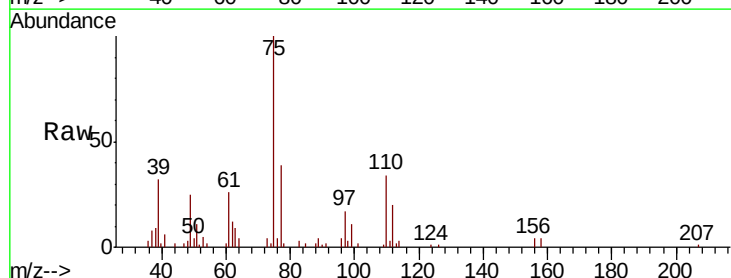
Acq: 1 May 2020 12:48

Tgt Ion: 75 Resp: 52435

Ion Ratio Lower Upper

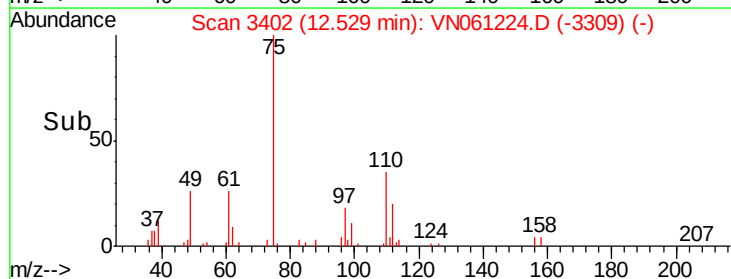
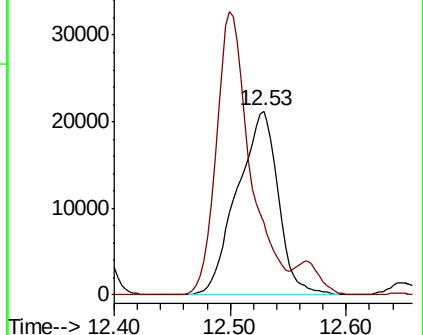
75 100

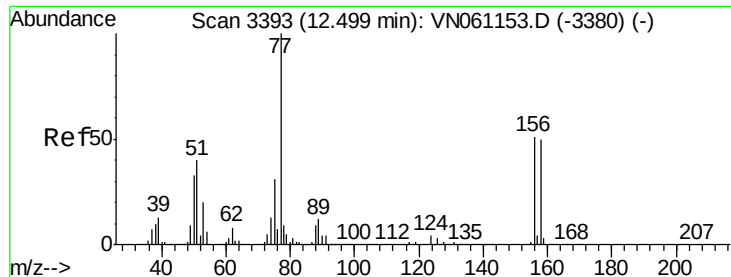
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3397) (-)

Ion 77.00 (76.70 to 77.70): VN061153.D (-3397) (-)





#77

Bromobenzene

Concen: 18.466 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

Instrument :

MSVOA_N

ClientSampled :

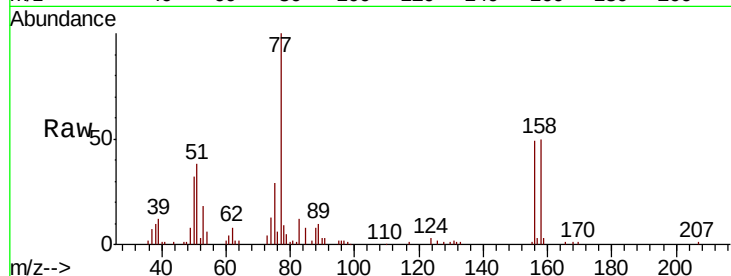
Tot Ion:156 Resp: 27343

Ion Ratio Lower Upper

156 100

77 245.1 117.4 352.2

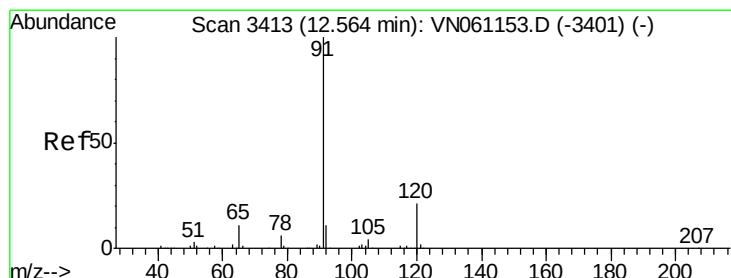
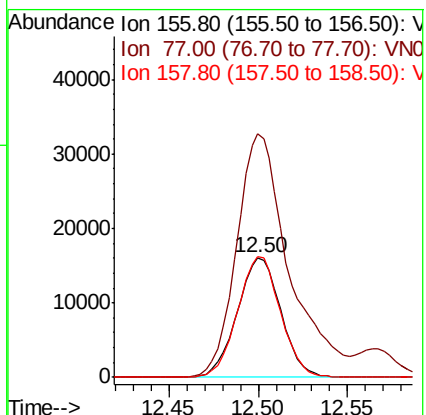
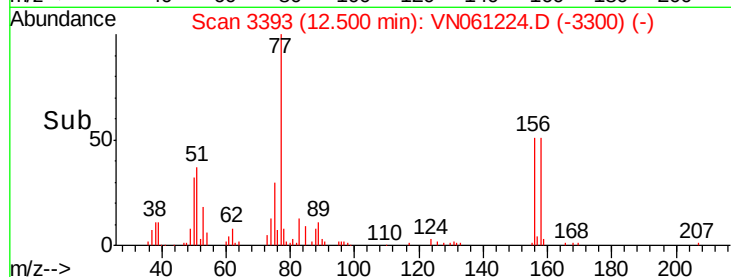
158 99.3 48.4 145.0



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: 18.923 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061224.D

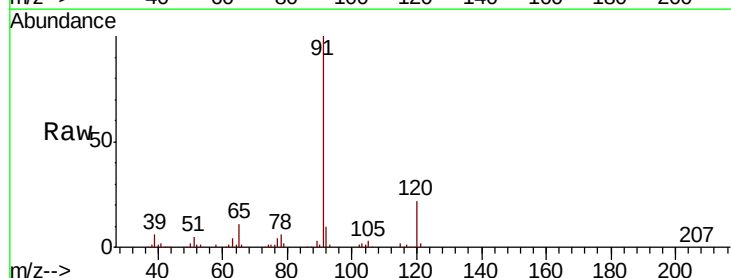
Acq: 1 May 2020 12:48

Tgt Ion: 91 Resp: 143967

Ion Ratio Lower Upper

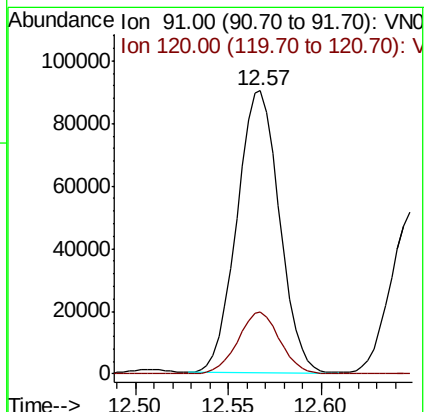
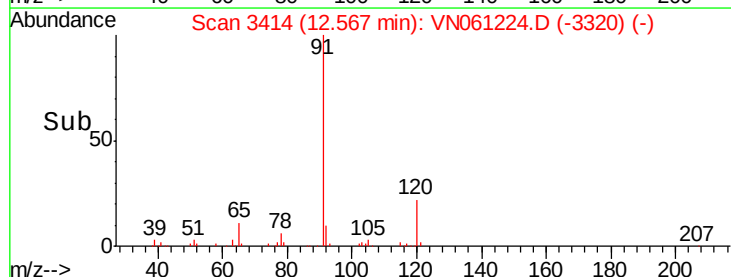
91 100

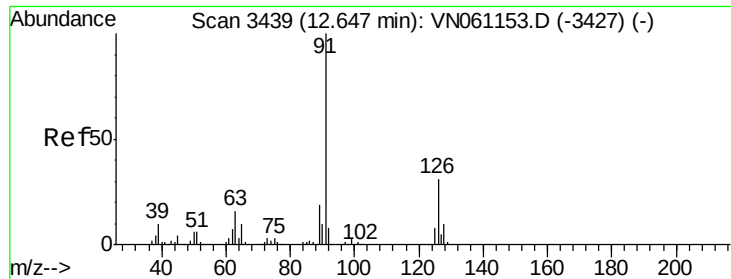
120 21.7 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.995 ug/l

RT: 12.65 min Scan# 3440

Delta R.T. 0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

Instrument :

MSVOA_N

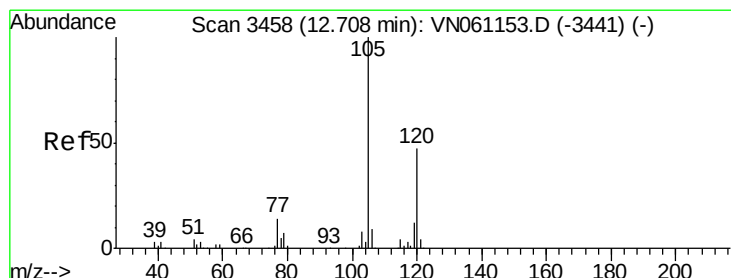
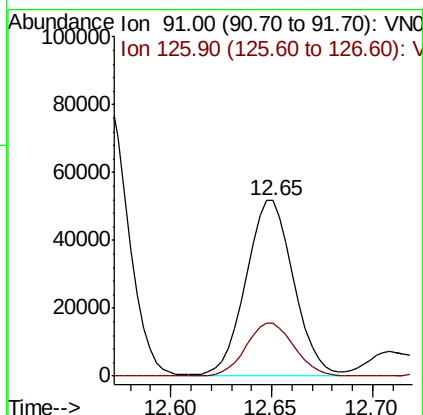
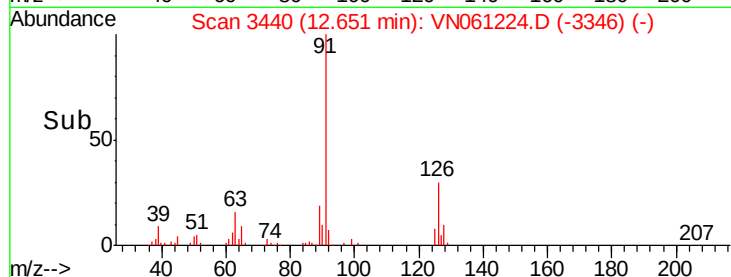
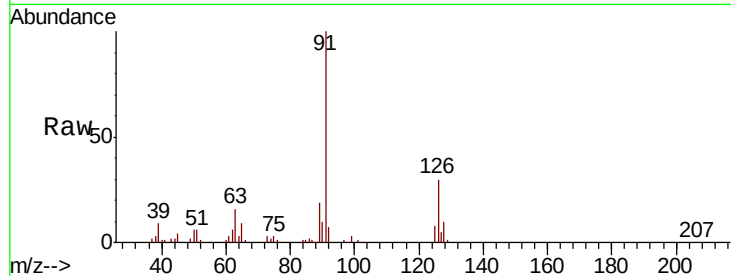
ClientSampled :

Tot Ion: 91 Resp: 84942

Ion Ratio Lower Upper

91 100

126 30.9 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 19.004 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061224.D

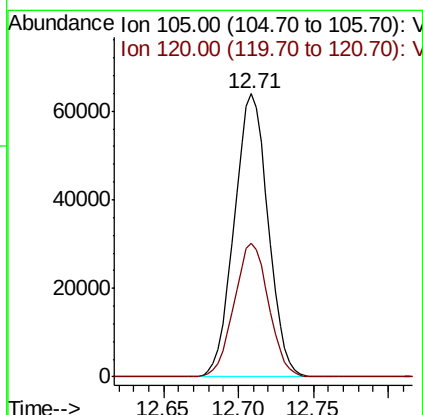
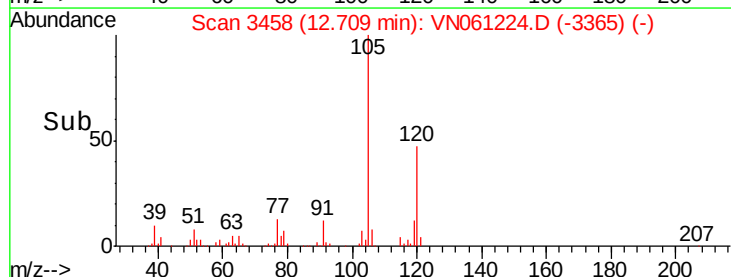
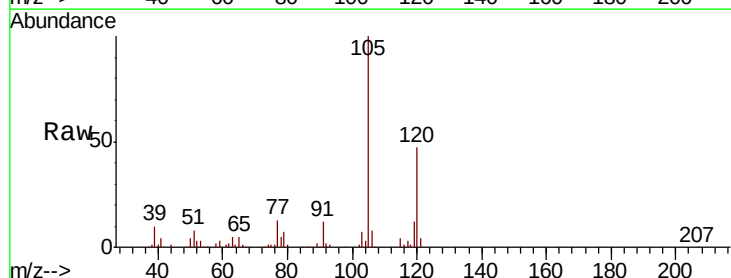
Acq: 1 May 2020 12:48

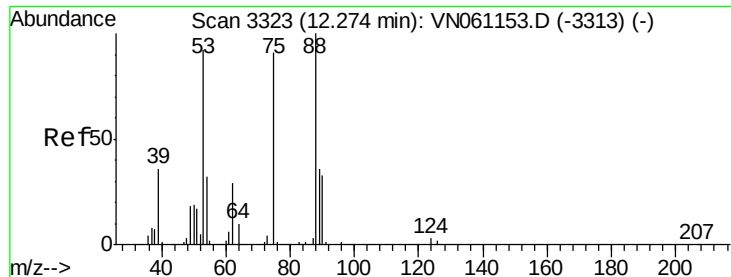
Tgt Ion: 105 Resp: 100889

Ion Ratio Lower Upper

105 100

120 47.9 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 18.354 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

Instrument :

MSVOA_N

ClientSampled :

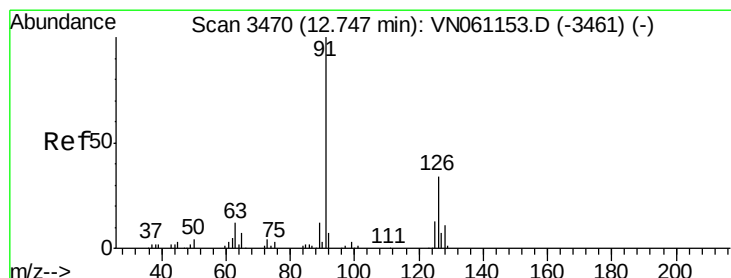
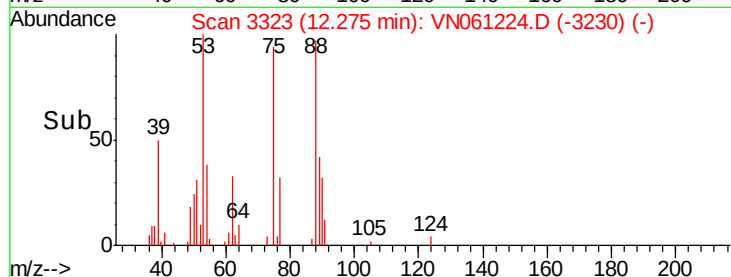
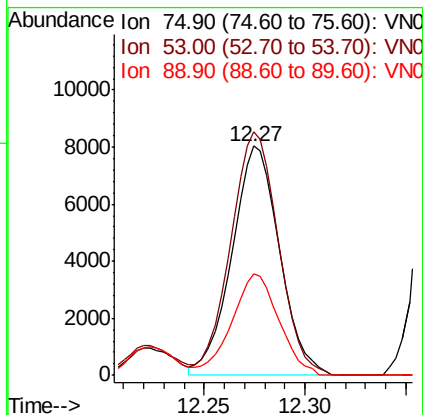
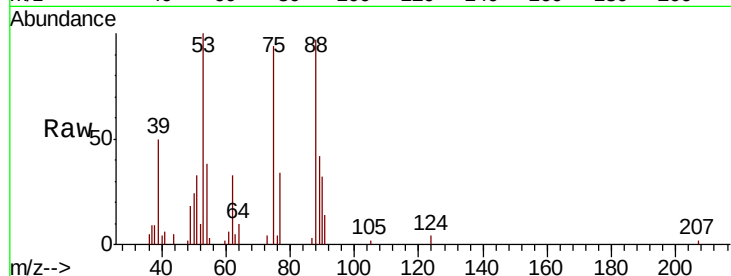
Tot Ion: 75 Resp: 13295

Ion Ratio Lower Upper

75 100

53 106.1 84.1 126.1

89 43.5 35.2 52.8



#82

4-Chlorotoluene

Concen: 19.122 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061224.D

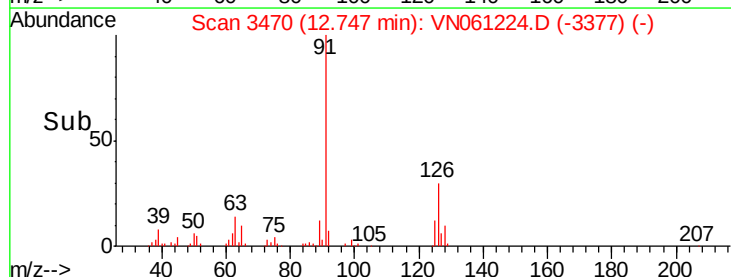
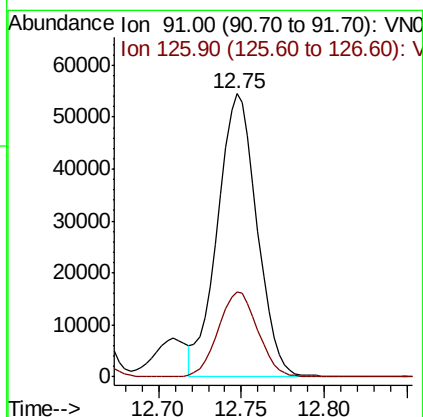
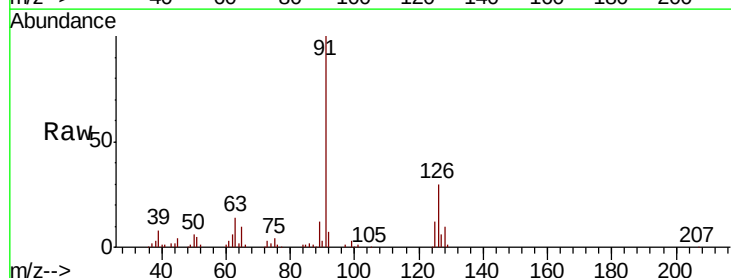
Acq: 1 May 2020 12:48

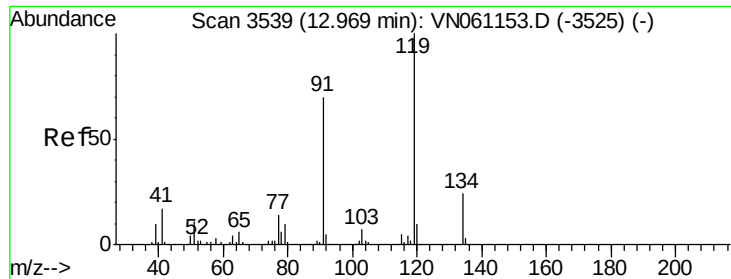
Tgt Ion: 91 Resp: 90125

Ion Ratio Lower Upper

91 100

126 30.0 15.7 47.1

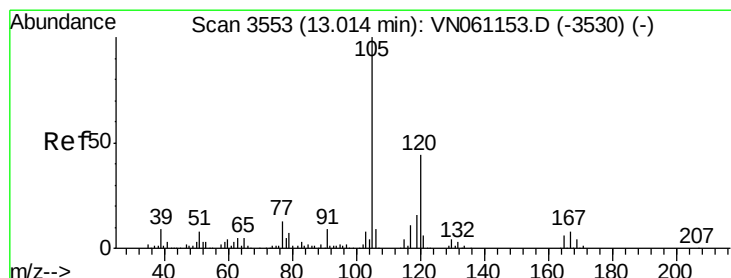
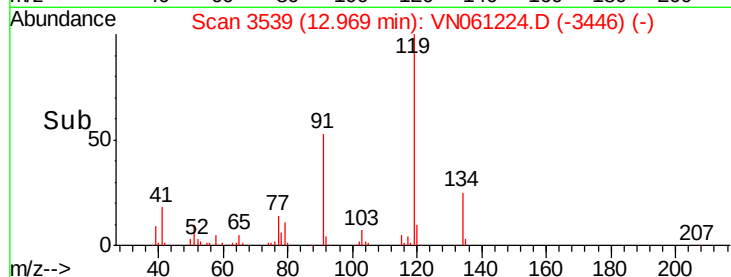
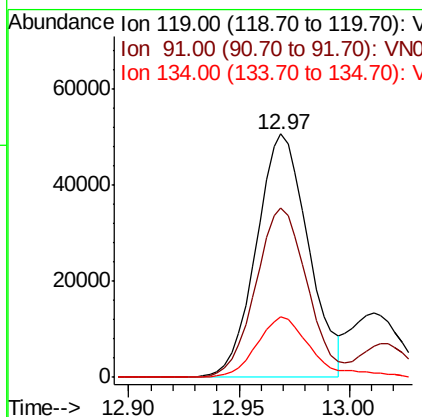
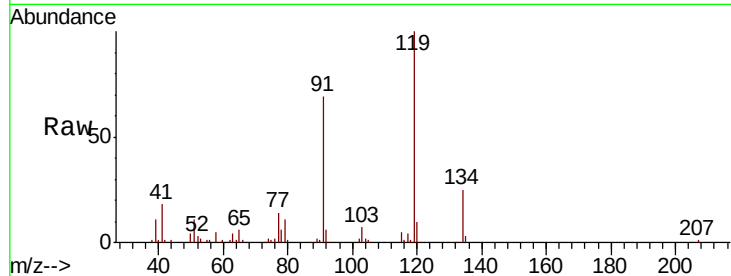




#83
 tert-Butylbenzene
 Concen: 18.497 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061224.D
 Acq: 1 May 2020 12:48

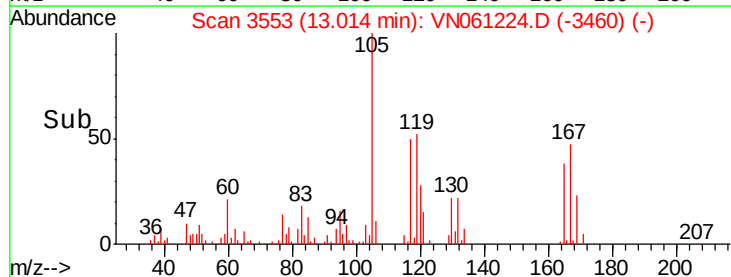
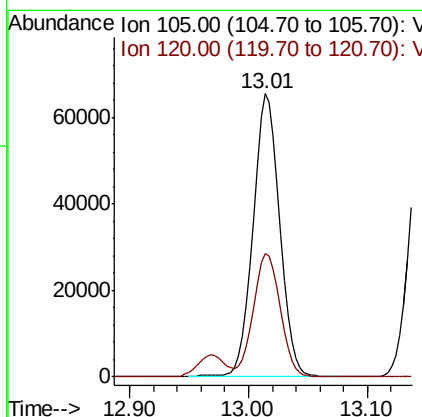
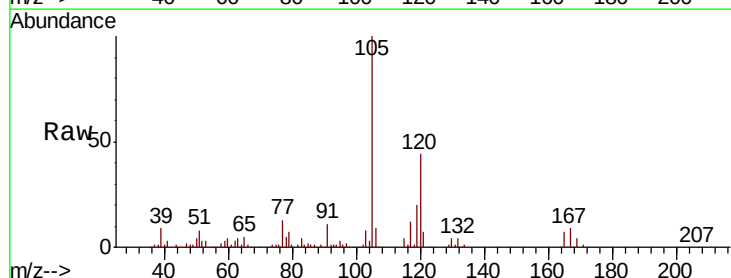
Instrument :
 MSVOA_N
 ClientSampleId :

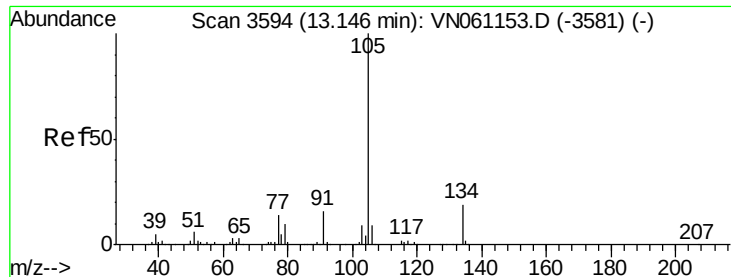
Tot Ion:119 Resp: 82801
 Ion Ratio Lower Upper
 119 100
 91 69.1 34.8 104.4
 134 26.2 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 18.591 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061224.D
 Acq: 1 May 2020 12:48

Tgt Ion:105 Resp: 101684
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 18.656 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

Instrument :

MSVOA_N

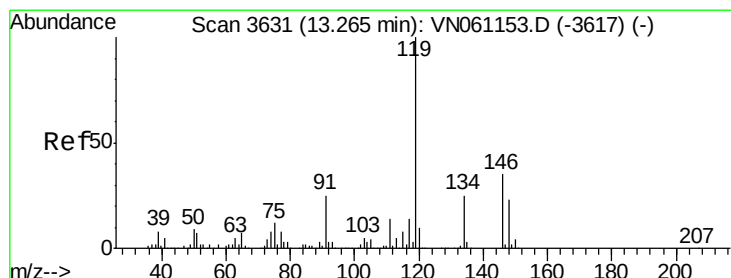
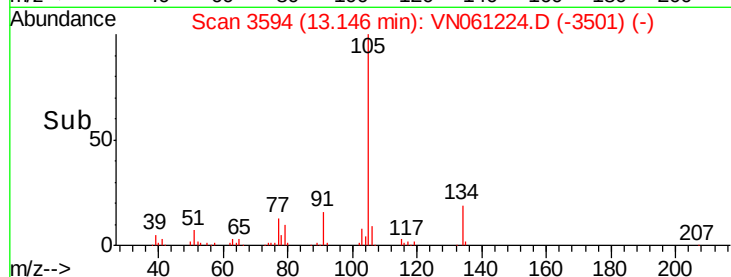
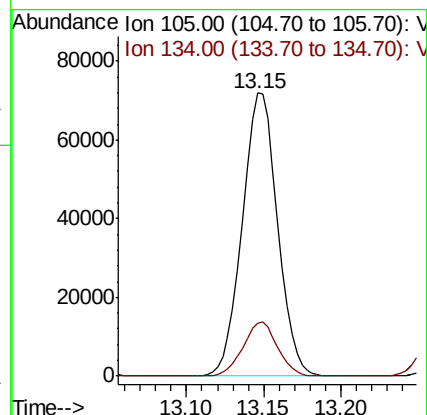
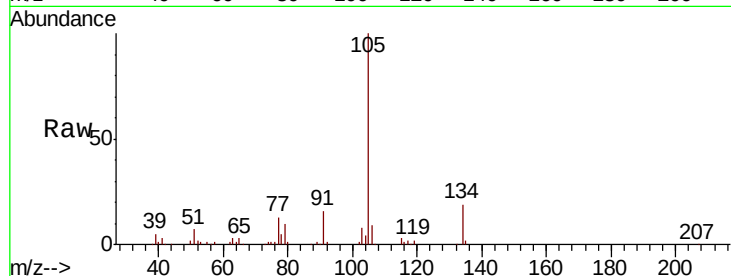
ClientSampleId :

Tot Ion:105 Resp: 113864

Ion Ratio Lower Upper

105 100

134 18.8 9.6 28.8



#86

p-Isopropyltoluene

Concen: 18.459 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

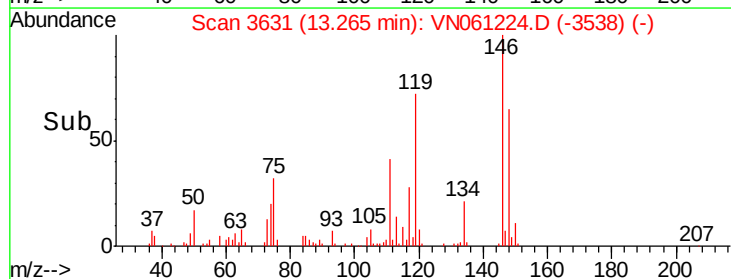
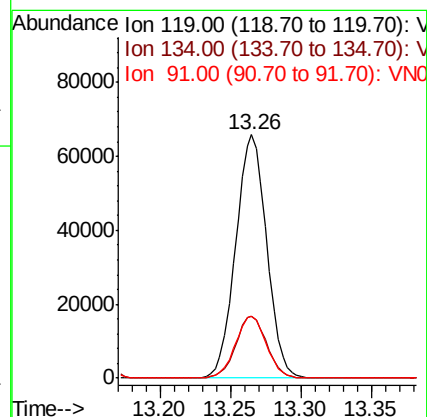
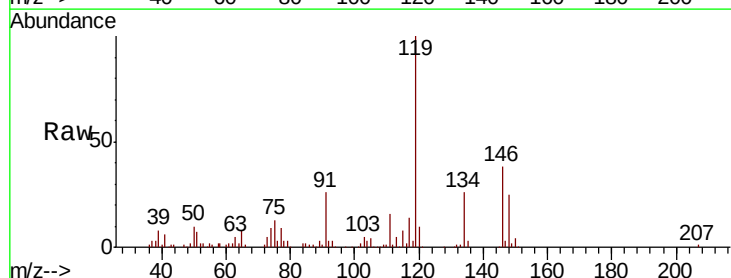
Tgt Ion:119 Resp: 101503

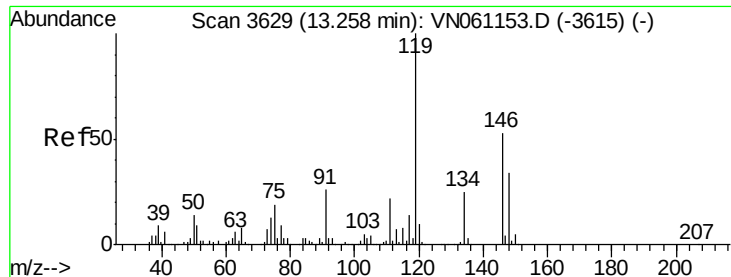
Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.6

91 25.3 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 18.659 ug/l

RT: 13.26 min Scan# 3629

Delta R.T. 0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

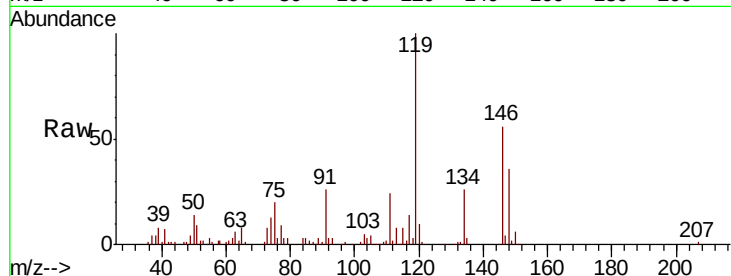
Tot Ion:146 Resp: 50863

Ion Ratio Lower Upper

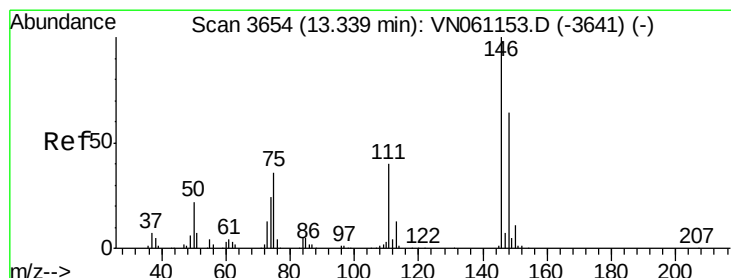
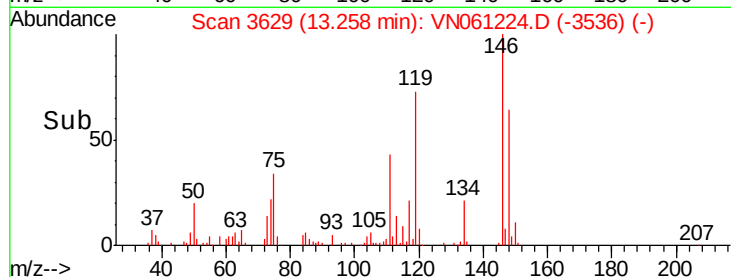
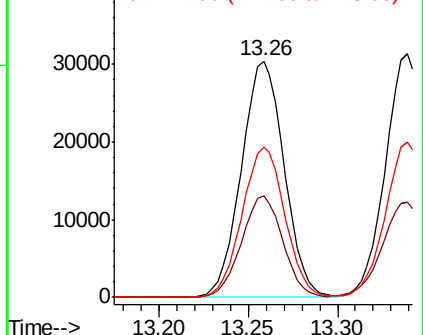
146 100

111 41.5 20.7 62.1

148 63.5 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.366 ug/l

RT: 13.34 min Scan# 3654

Delta R.T. 0.00 min

Lab File: VN061224.D

Acq: 1 May 2020 12:48

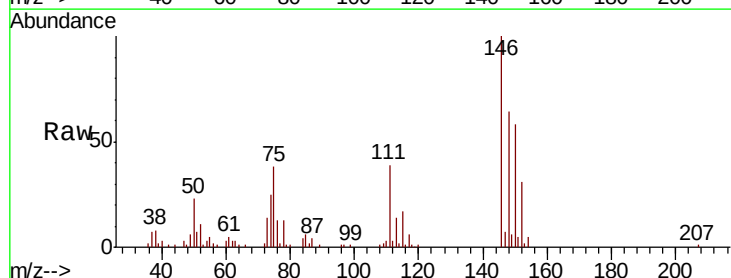
Tgt Ion:146 Resp: 51152

Ion Ratio Lower Upper

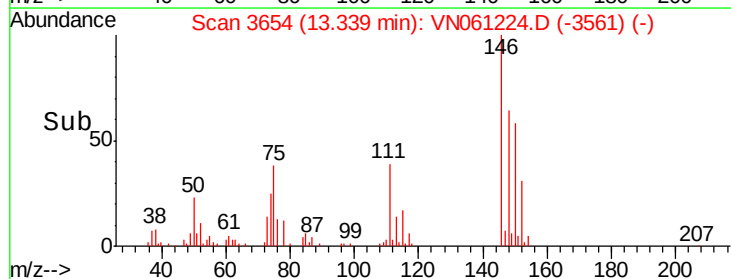
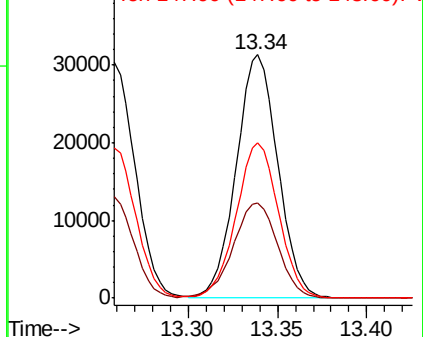
146 100

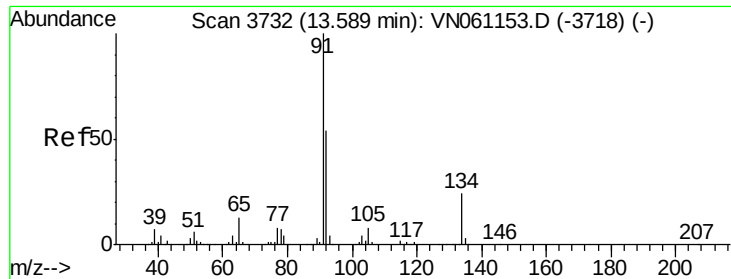
111 41.9 20.4 61.3

148 64.9 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

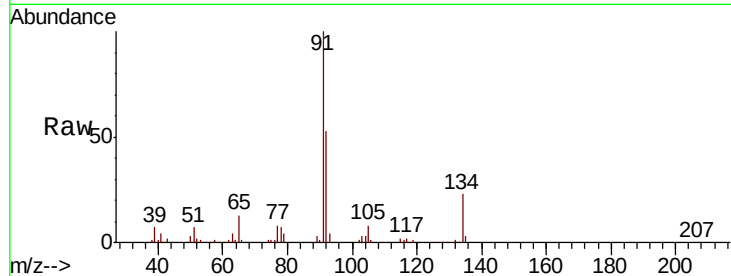




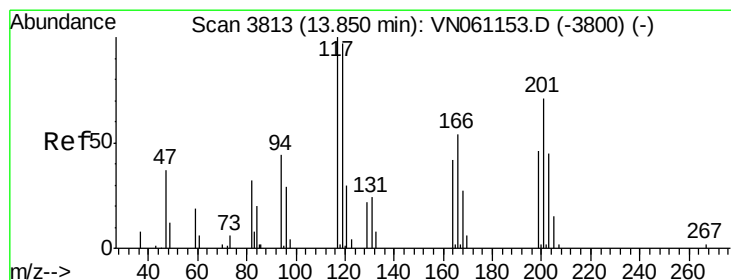
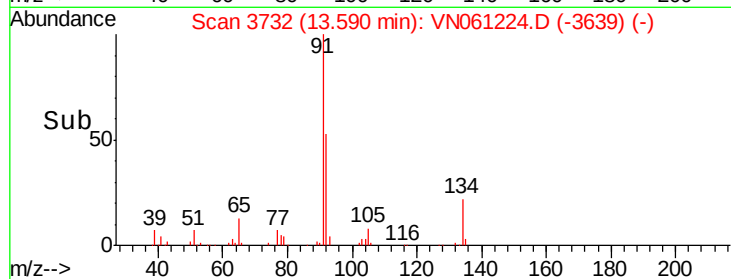
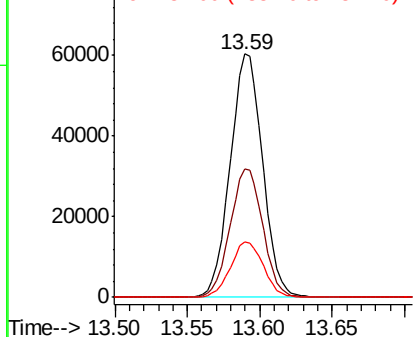
#89
n-Butylbenzene
Concen: 18.541 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 93465
Ion Ratio Lower Upper
91 100
92 53.0 26.8 80.3
134 23.0 11.9 35.5

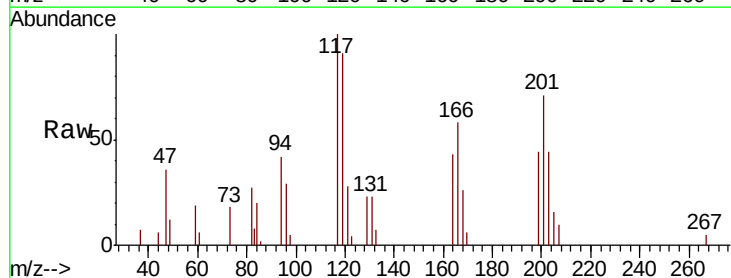


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

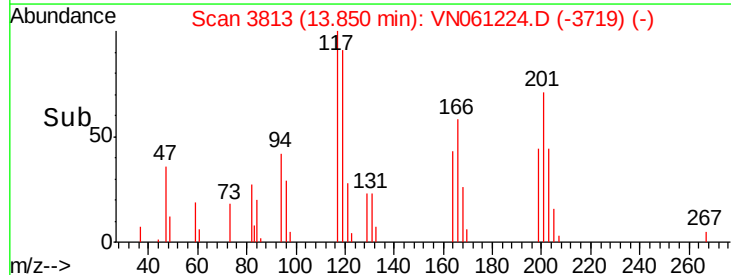
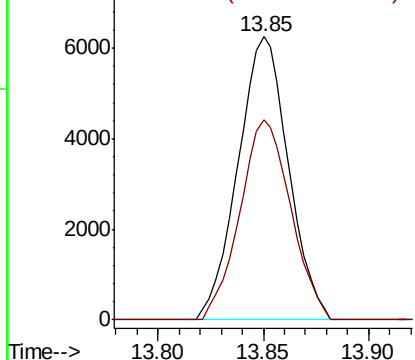


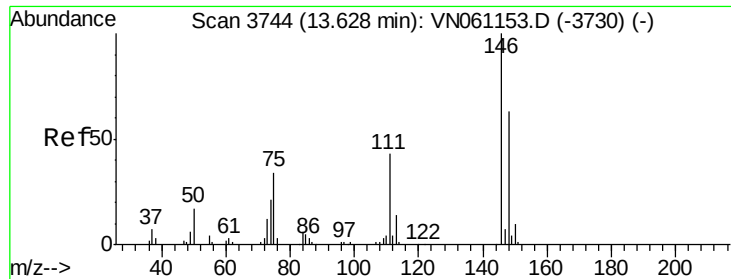
#90
Hexachloroethane
Concen: 22.957 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Tgt Ion: 117 Resp: 10376
Ion Ratio Lower Upper
117 100
201 71.3 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

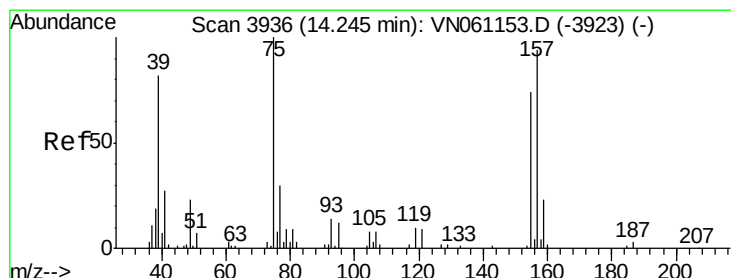
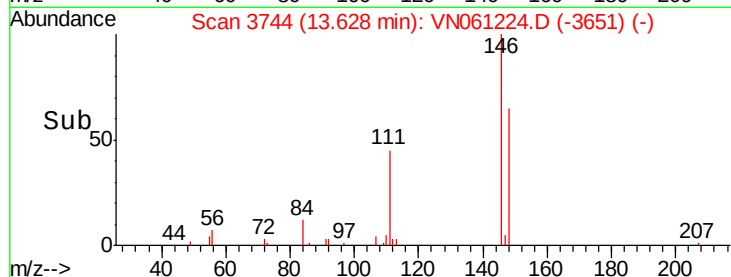
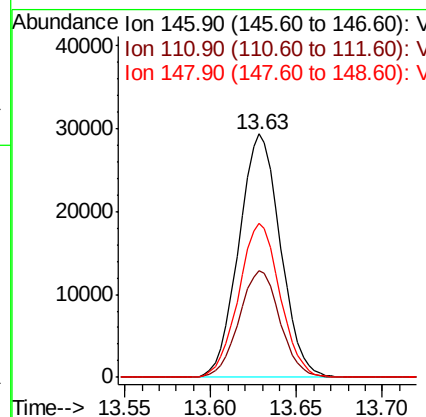
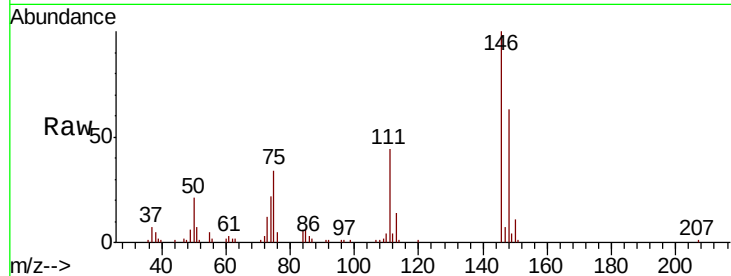




#91
 1,2-Dichlorobenzene
 Concen: 18.823 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061224.D
 Acq: 1 May 2020 12:48

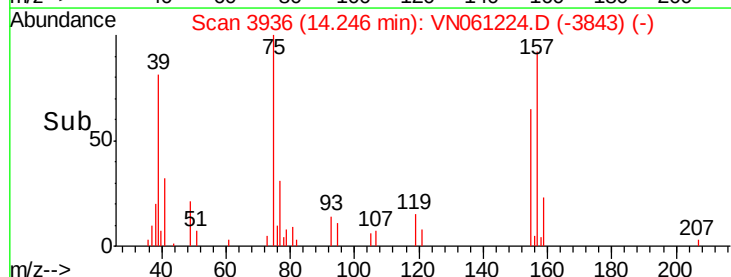
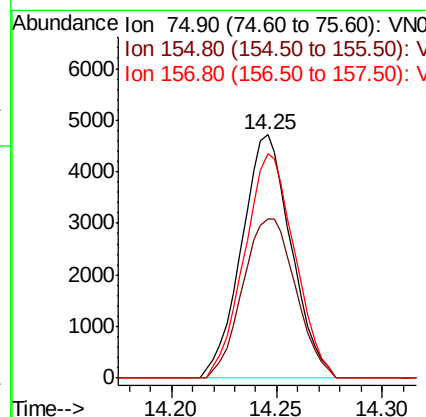
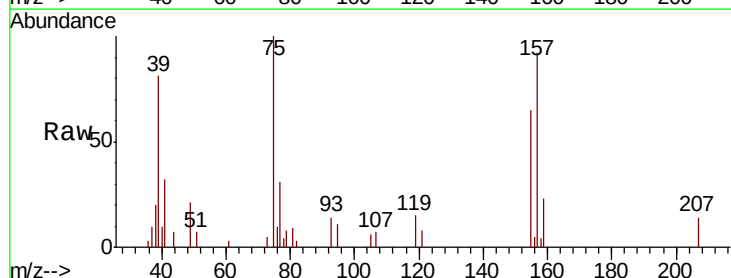
Instrument :
 MSVOA_N
 ClientSampleId :

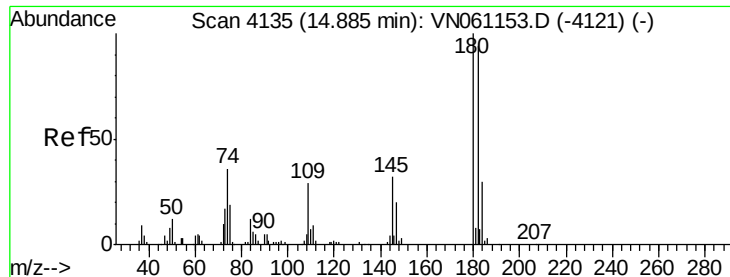
Tot Ion:146 Resp: 49197
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.8 65.3
 148 63.0 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.205 ug/l
 RT: 14.25 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: VN061224.D
 Acq: 1 May 2020 12:48

Tgt Ion: 75 Resp: 7690
 Ion Ratio Lower Upper
 75 100
 155 69.8 36.5 109.7
 157 93.4 46.6 139.7

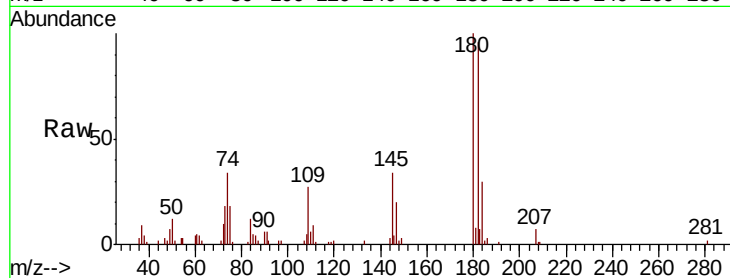




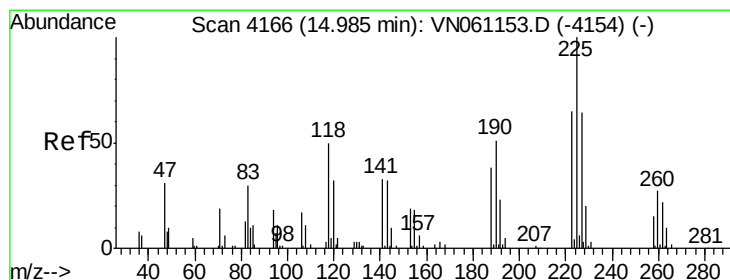
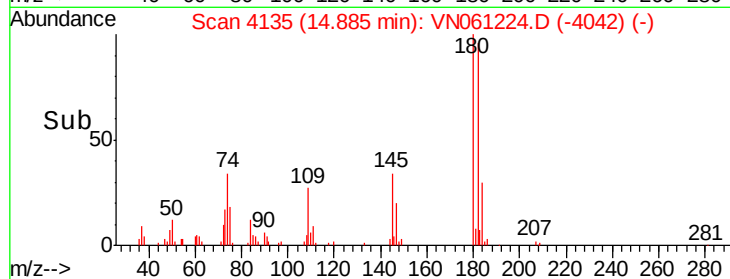
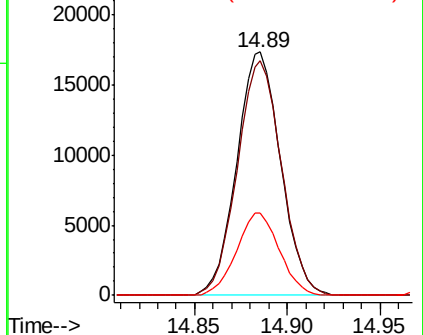
#93
 1,2,4-Trichlorobenzene
 Concen: 17.966 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061224.D
 Acq: 1 May 2020 12:48

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 28595
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.3 141.9
 145 33.0 16.0 47.9

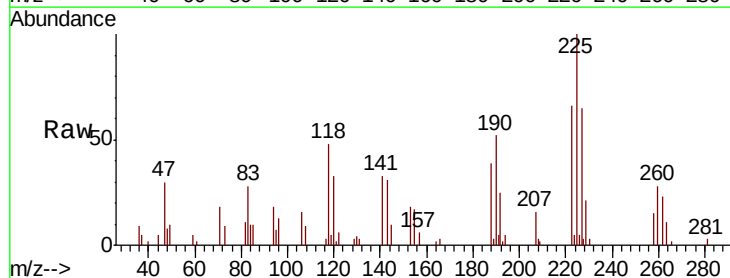


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

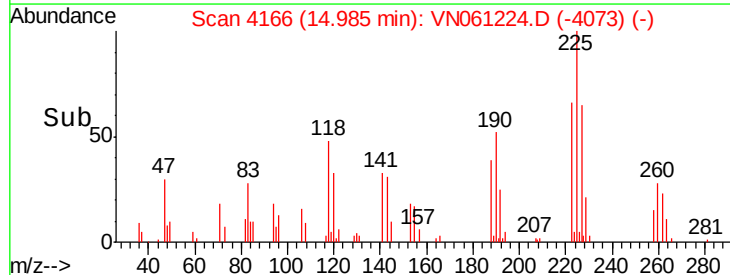
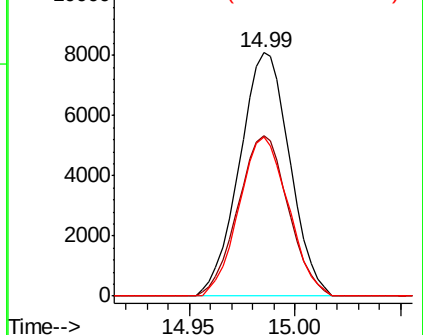


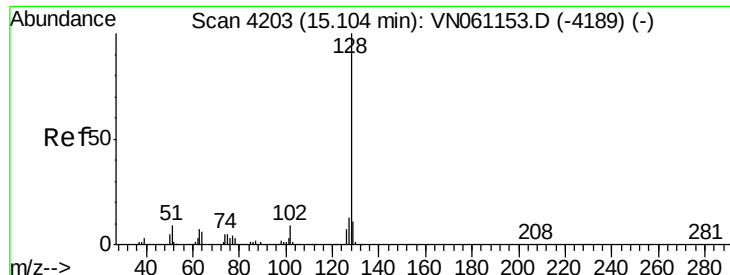
#94
 Hexachlorobutadiene
 Concen: 20.120 ug/l
 RT: 14.99 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061224.D
 Acq: 1 May 2020 12:48

Tgt Ion:225 Resp: 13378
 Ion Ratio Lower Upper
 225 100
 223 66.0 32.4 97.0
 227 64.1 32.4 97.0



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

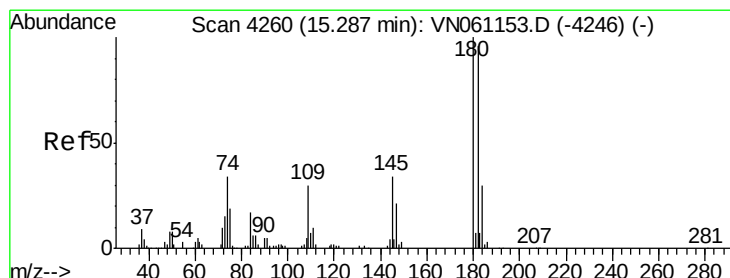
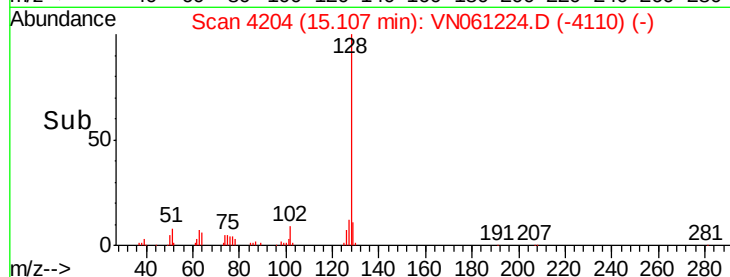
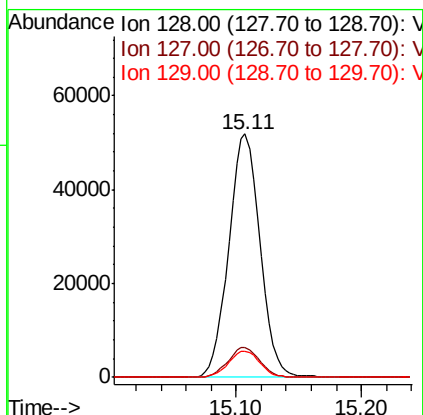
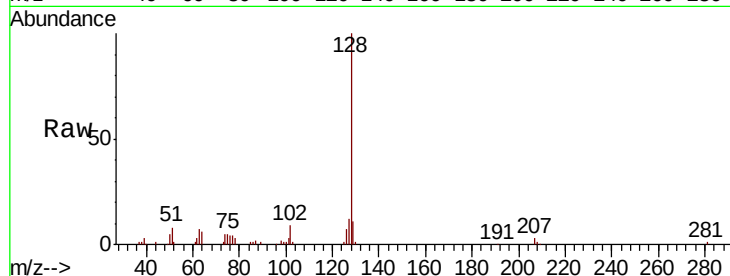




#95
Naphthalene
Concen: 17.310 ug/l
RT: 15.11 min Scan# 4204
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 89724
Ion Ratio Lower Upper
128 100
127 12.4 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.435 ug/l
RT: 15.29 min Scan# 4260
Delta R.T. 0.00 min
Lab File: VN061224.D
Acq: 1 May 2020 12:48

Tgt Ion:180 Resp: 28969
Ion Ratio Lower Upper
180 100
182 94.9 47.5 142.5
145 34.0 16.9 50.7

