

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
 Data File : VN061674.D
 Acq On : 5 Jun 2020 17:04
 Operator : JC/MD
 Sample : L2904-02MS
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11MS

Quant Time: Jun 06 03:22:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	331886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	552334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	531048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	272074	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	185317	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
35) Dibromofluoromethane	7.55	113	148610	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
50) Toluene-d8	10.06	98	634818	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.38	95	235757	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	157944	41.42	ug/l	98
3) Chloromethane	2.03	50	174727	43.16	ug/l	100
4) Vinyl Chloride	2.16	62	242494	43.72	ug/l	99
5) Bromomethane	2.52	94	147987	46.49	ug/l	96
6) Chloroethane	2.67	64	159654	44.71	ug/l	100
7) Trichlorofluoromethane	2.98	101	325816	45.55	ug/l	99
8) Diethyl Ether	3.37	74	95673	43.74	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	141146	44.47	ug/l	99
10) Methyl Iodide	3.91	142	188718	42.83	ug/l	99
11) Tert butyl alcohol	4.73	59	141765	269.54	ug/l	99
12) 1,1-Dichloroethene	3.70	96	146797	43.29	ug/l	92
13) Acrolein	3.56	56	40980	271.62	ug/l	95
14) Allyl chloride	4.27	41	184849	41.69	ug/l	98
15) Acrylonitrile	4.93	53	355707	242.30	ug/l	100
16) Acetone	3.77	43	270954	248.60	ug/l	97
17) Carbon Disulfide	4.01	76	288536	38.67	ug/l	100
18) Methyl Acetate	4.28	43	164846	46.05	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	519085	44.91	ug/l	99
20) Methylene Chloride	4.50	84	171038	47.50	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	169159	44.23	ug/l	93
22) Diisopropyl ether	5.90	45	432253	44.23	ug/l	98
23) Vinyl Acetate	5.84	43	1638088	210.32	ug/l	97
24) 1,1-Dichloroethane	5.80	63	276067	44.55	ug/l	99
25) 2-Butanone	6.79	43	441506	235.59	ug/l	98
26) 2,2-Dichloropropane	6.77	77	229208	40.41	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	199326	46.03	ug/l	98
28) Bromochloromethane	7.15	49	113409	48.72	ug/l	97
29) Tetrahydrofuran	7.17	42	286200	231.60	ug/l	97
30) Chloroform	7.33	83	314910	45.94	ug/l	99
31) Cyclohexane	7.61	56	226628	40.67	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	286062	45.80	ug/l	99
36) 1,1-Dichloropropene	7.75	75	219929	44.98	ug/l	98
37) Ethyl Acetate	6.88	43	184441	46.83	ug/l	98
38) Carbon Tetrachloride	7.73	117	237114	50.27	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	245398	40.72	ug/l	97
40) Benzene	8.00	78	690428	45.76	ug/l	98
41) Methacrylonitrile	7.12	41	81901	45.39	ug/l	95
42) 1,2-Dichloroethane	8.09	62	225290	44.60	ug/l	99
43) Isopropyl Acetate	8.13	43	315859	44.58	ug/l	98
44) Trichloroethene	8.80	130	210501	45.40	ug/l	94
45) 1,2-Dichloropropane	9.09	63	166200	46.39	ug/l	98
46) Dibromomethane	9.17	93	127893	46.55	ug/l	99
47) Bromodichloromethane	9.37	83	250659	46.05	ug/l	97
48) Methyl methacrylate	9.17	41	145874	45.76	ug/l	98
49) 1,4-Dioxane	9.16	88	59403	1202.87	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	980077	245.46	ug/l	99
52) Toluene	10.12	92	463354	47.06	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	266188	45.39	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	281998	44.73	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	185614	47.31	ug/l	98
56) Ethyl methacrylate	10.40	69	264384	48.24	ug/l	98
57) 1,3-Dichloropropane	10.68	76	299967	47.81	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.81	63	1421	0.61	ug/l #	42
59) 2-Hexanone	10.72	43	718549	250.58	ug/l	98
60) Dibromochloromethane	10.87	129	220089	49.35	ug/l	100
61) 1,2-Dibromoethane	10.98	107	203286	49.68	ug/l	99
64) Tetrachloroethene	10.60	164	211493	42.31	ug/l	98
65) Chlorobenzene	11.41	112	521399	47.23	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	199569	48.55	ug/l	100
67) Ethyl Benzene	11.48	91	895274	46.92	ug/l	99
68) m/p-Xylenes	11.60	106	706935	93.45	ug/l	99
69) o-Xylene	11.92	106	344404	47.93	ug/l	98
70) Styrene	11.94	104	577381	48.52	ug/l	98
71) Bromoform	12.10	173	160956	50.82	ug/l #	100
73) Isopropylbenzene	12.22	105	894147	45.03	ug/l	100
74) N-amyl acetate	12.04	43	282587	45.19	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	253222	45.50	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	328616	66.42	ug/l #	100
77) Bromobenzene	12.50	156	242558	47.85	ug/l	97
78) n-propylbenzene	12.56	91	993288	44.81	ug/l	100
79) 2-Chlorotoluene	12.65	91	586226	44.35	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	737131	44.41	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	83807	43.32	ug/l	99
82) 4-Chlorotoluene	12.75	91	615482	44.26	ug/l	99
83) tert-Butylbenzene	12.97	119	643803	43.90	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	755645	45.83	ug/l	99
85) sec-Butylbenzene	13.15	105	814389	43.10	ug/l	100
86) p-Isopropyltoluene	13.26	119	764563	43.93	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	423765	47.21	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	430793	47.11	ug/l	99
89) n-Butylbenzene	13.59	91	618611	42.44	ug/l	99
90) Hexachloroethane	13.85	117	114150	59.31	ug/l	91
91) 1,2-Dichlorobenzene	13.63	146	408220	47.59	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	49700	43.79	ug/l	93

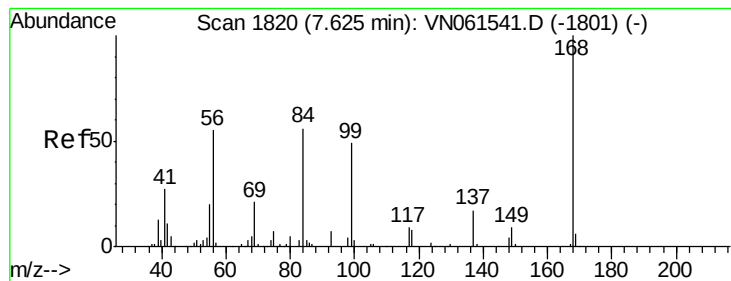
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	230653	45.98	ug/l	99
94) Hexachlorobutadiene	14.99	225	87177	40.75	ug/l	98
95) Naphthalene	15.10	128	732567	47.98	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	226642	45.95	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

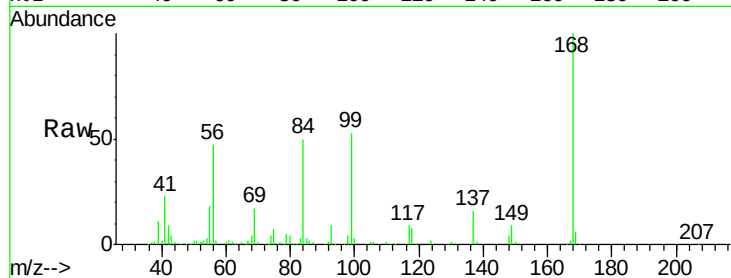
VE-4-11MS

Tgt Ion: 168 Resp: 331886

Ion Ratio Lower Upper

168 100

99 52.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

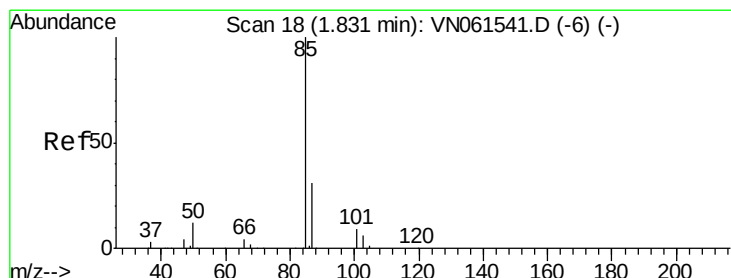
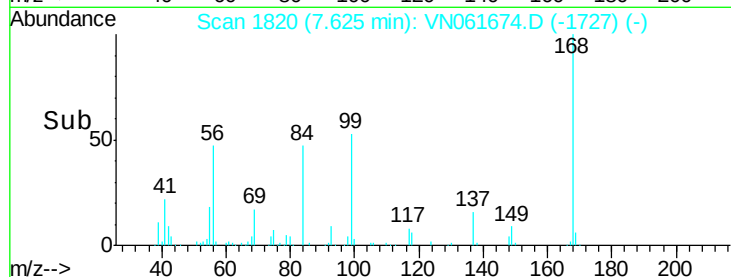
100000

50000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 41.42 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061674.D

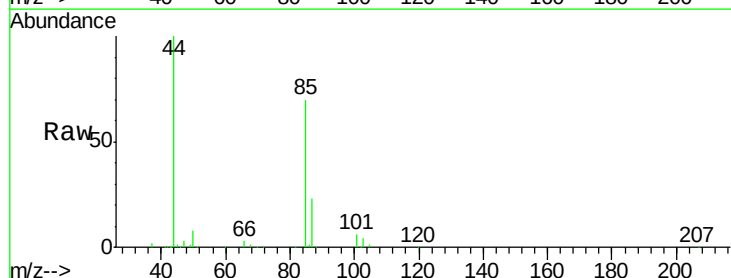
Acq: 5 Jun 2020 17:04

Tgt Ion: 85 Resp: 157944

Ion Ratio Lower Upper

85 100

87 32.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

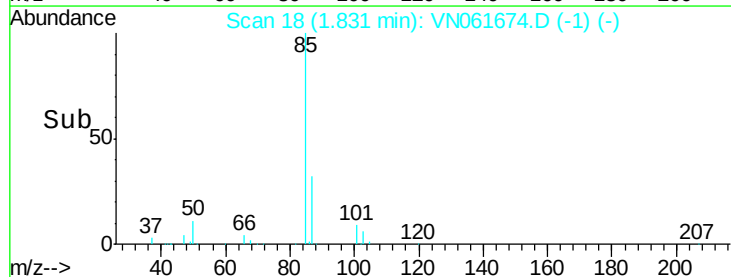
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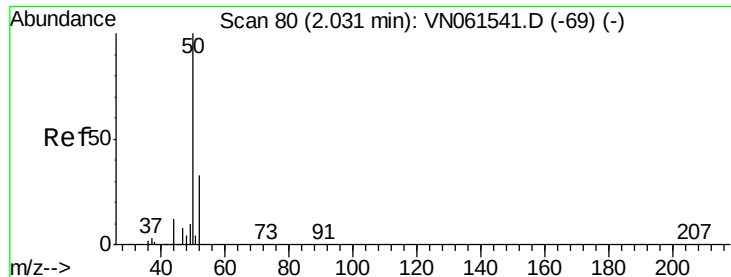
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 43.16 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

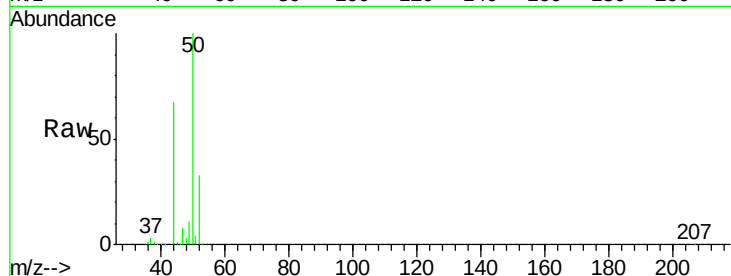
VE-4-11MS

Tgt Ion: 50 Resp: 174727

Ion Ratio Lower Upper

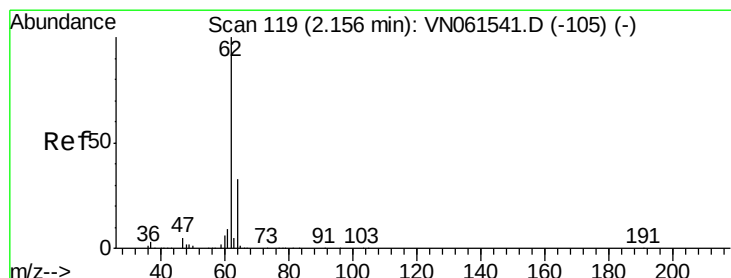
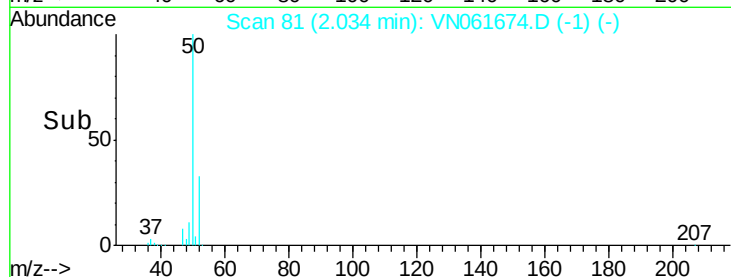
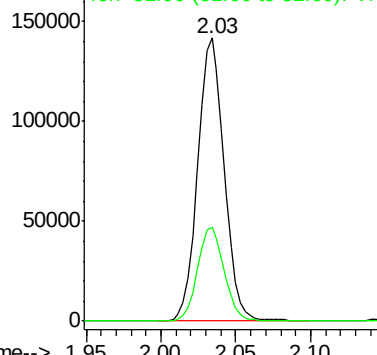
50 100

52 33.4 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 43.72 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061674.D

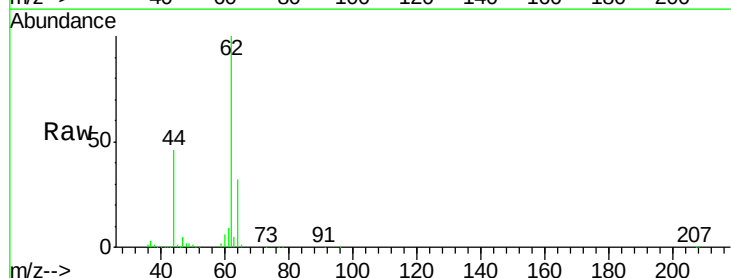
Acq: 5 Jun 2020 17:04

Tgt Ion: 62 Resp: 242494

Ion Ratio Lower Upper

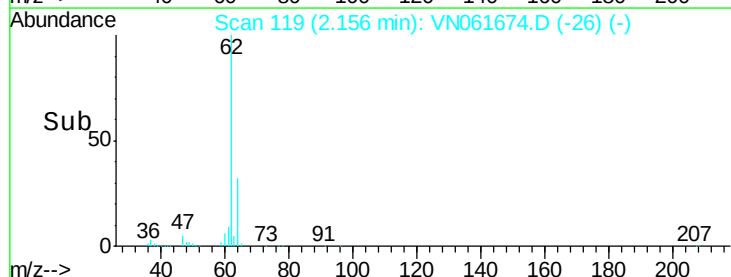
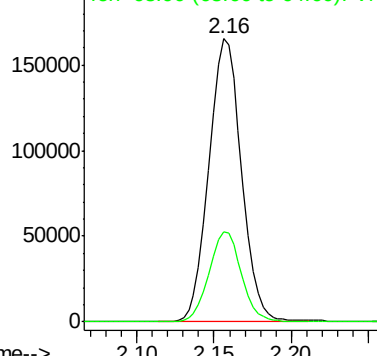
62 100

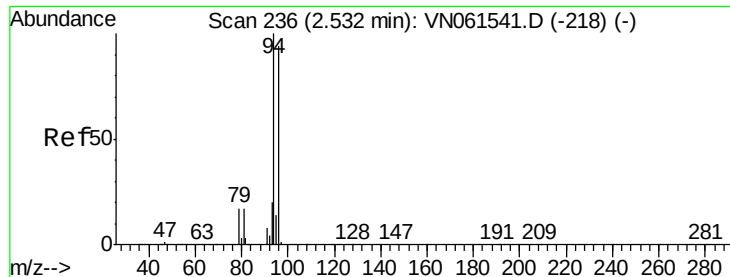
64 31.9 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 46.49 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.01 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

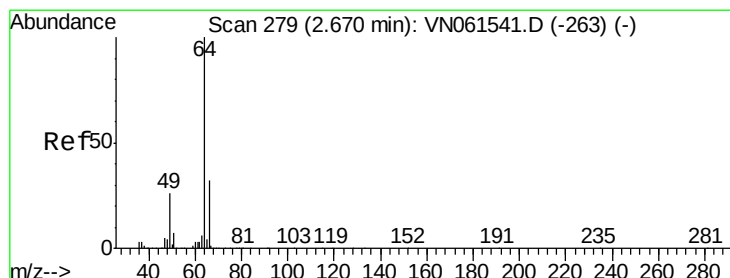
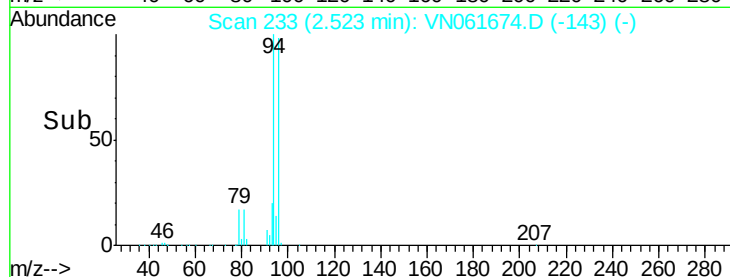
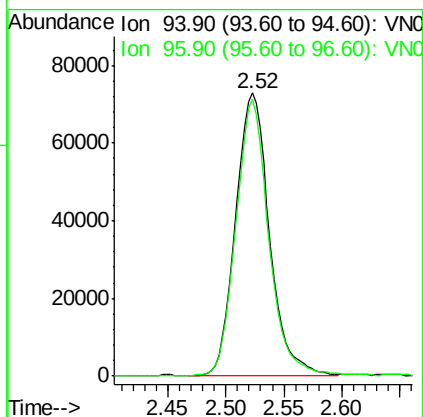
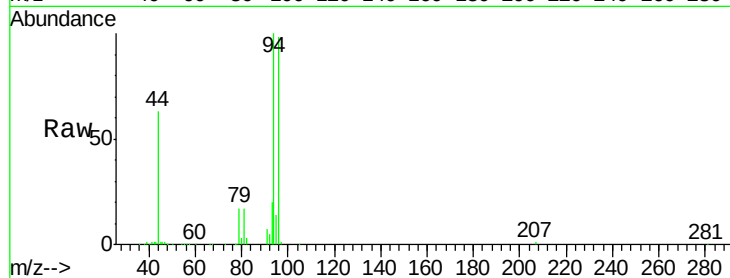
VE-4-11MS

Tgt Ion: 94 Resp: 147987

Ion Ratio Lower Upper

94 100

96 97.4 74.8 112.2



#6

Chloroethane

Concen: 44.71 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061674.D

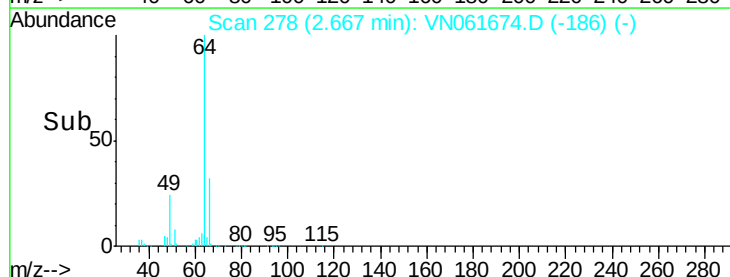
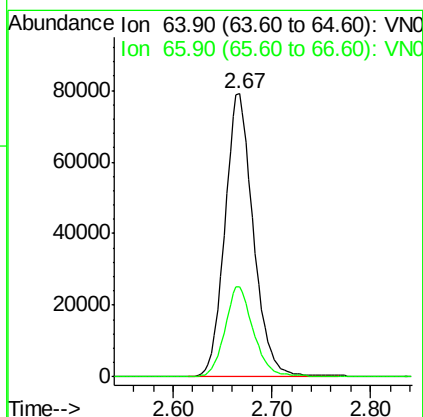
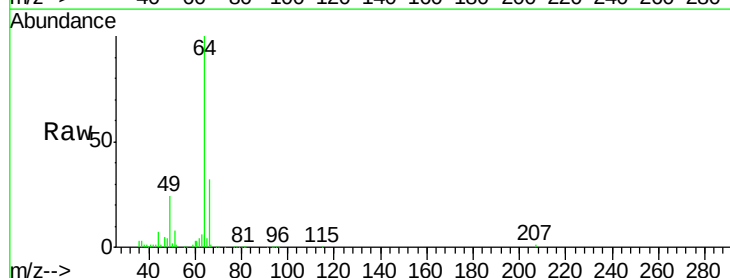
Acq: 5 Jun 2020 17:04

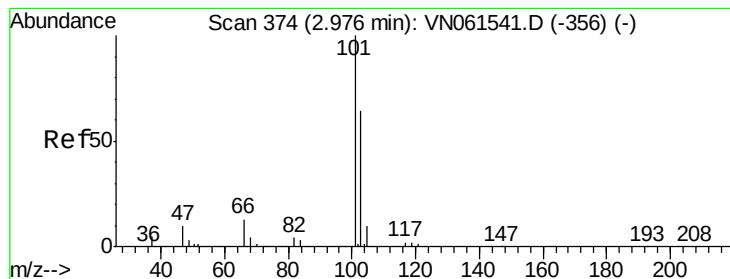
Tgt Ion: 64 Resp: 159654

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4



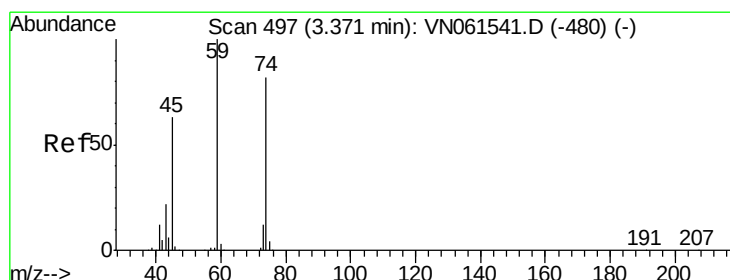
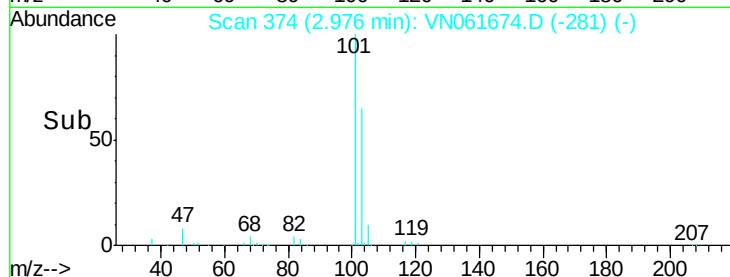
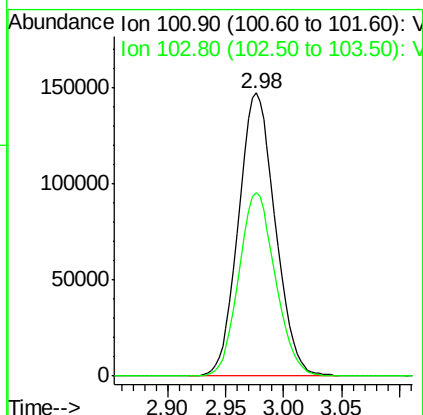
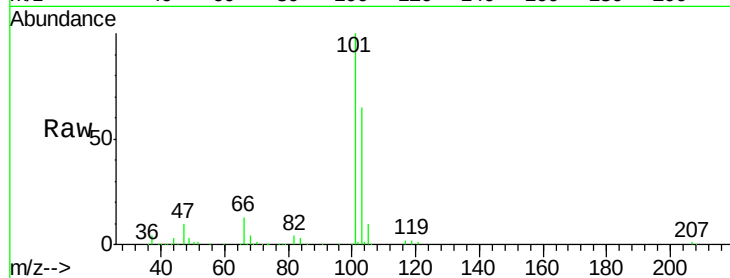


#7

Trichlorofluoromethane
 Concen: 45.55 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11MS

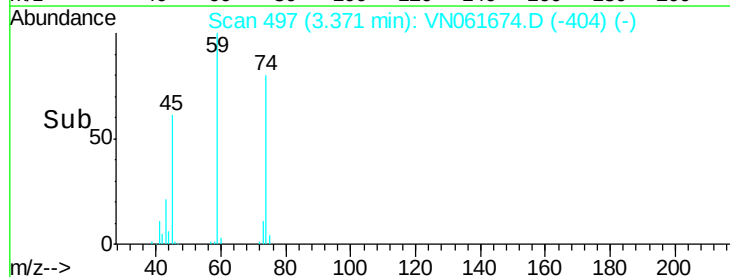
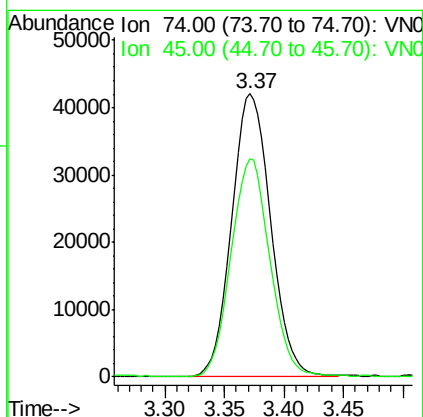
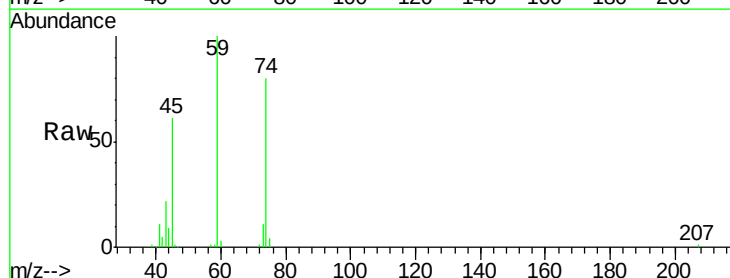
Tgt Ion:101 Resp: 325816
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.2

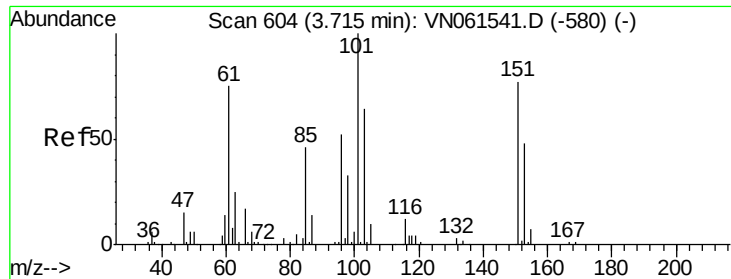


#8

Diethyl Ether
 Concen: 43.74 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion: 74 Resp: 95673
 Ion Ratio Lower Upper
 74 100
 45 76.8 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.47 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

VE-4-11MS

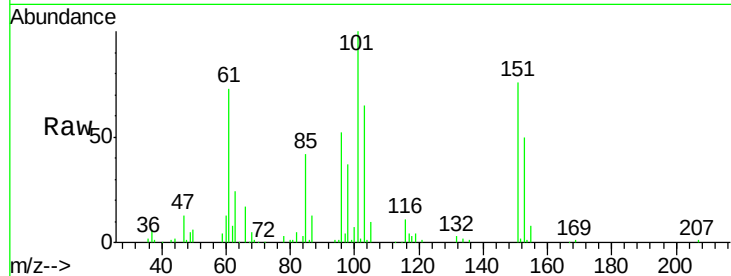
Tgt Ion:101 Resp: 141146

Ion Ratio Lower Upper

101 100

85 42.5 35.2 52.8

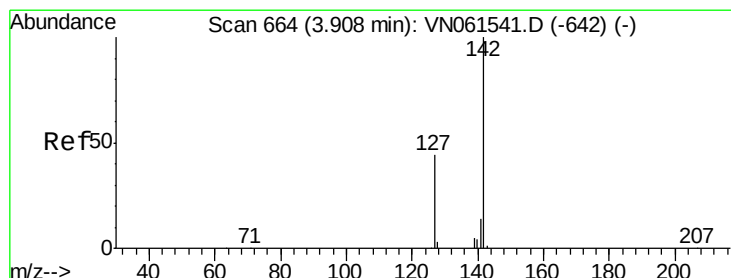
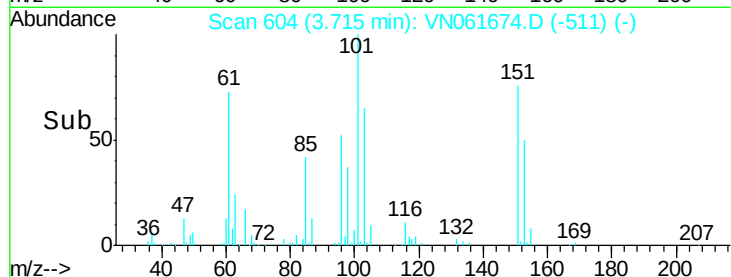
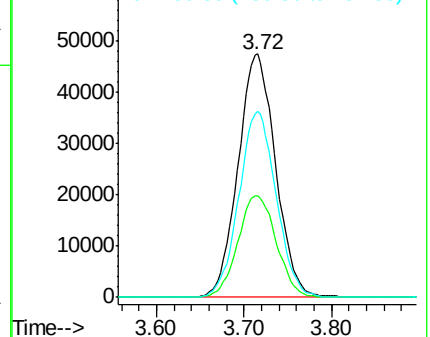
151 76.0 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.83 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

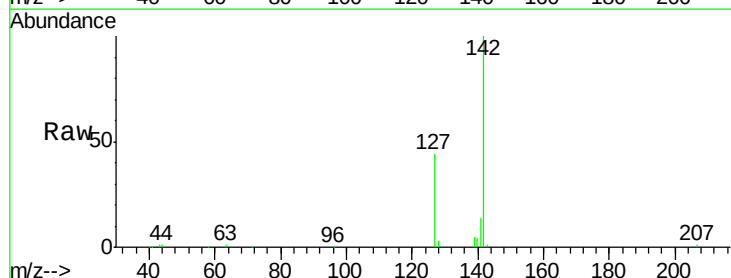
Tgt Ion:142 Resp: 188718

Ion Ratio Lower Upper

142 100

127 43.7 35.5 53.3

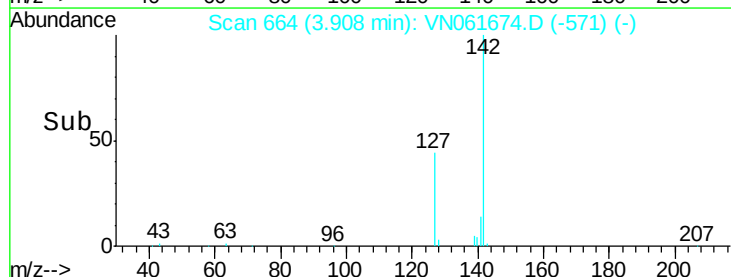
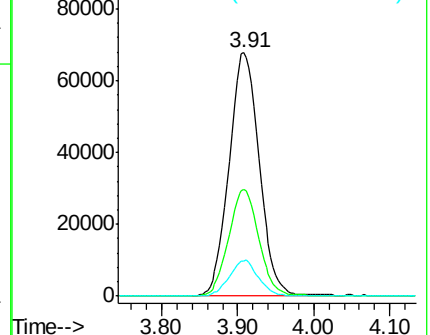
141 14.1 11.5 17.3

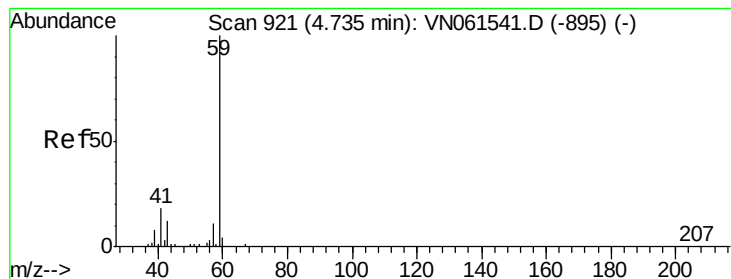


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



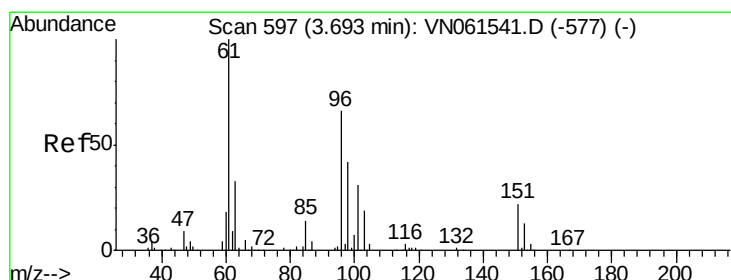
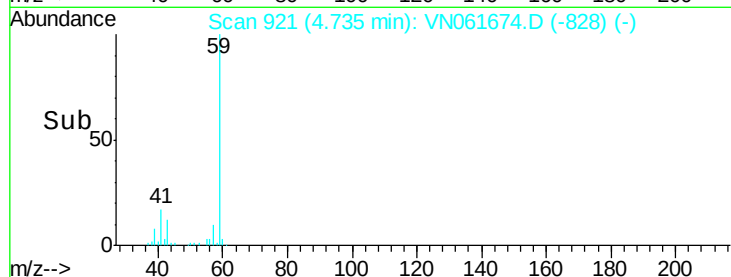
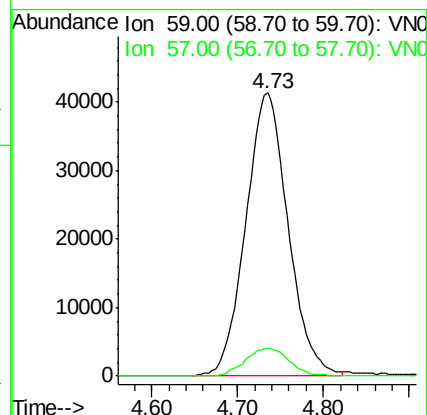
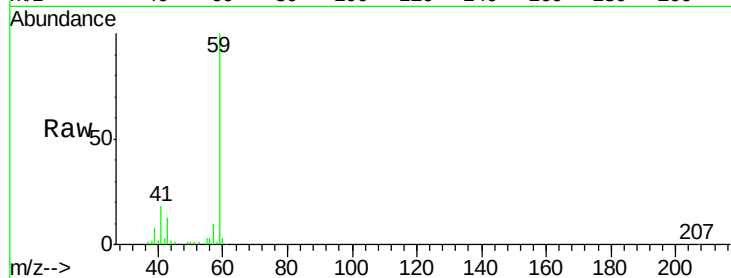


#11

Tert butyl alcohol
Concen: 269.54 ug/l
RT: 4.73 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

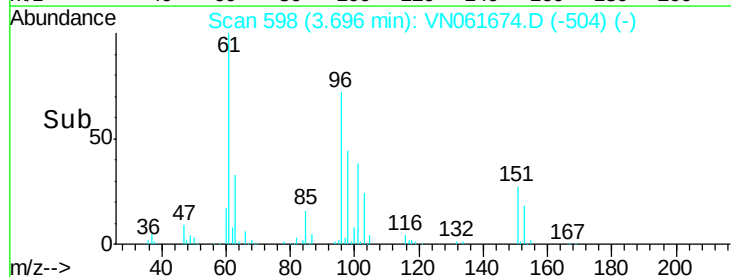
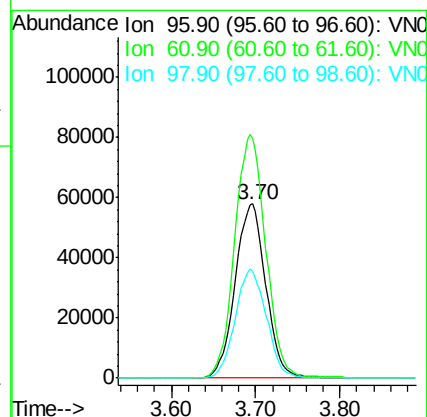
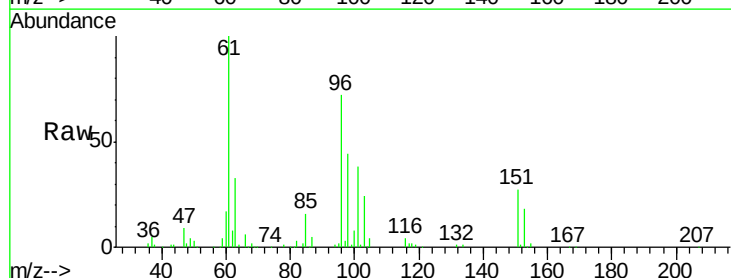
Tgt Ion: 59 Resp: 141765
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6

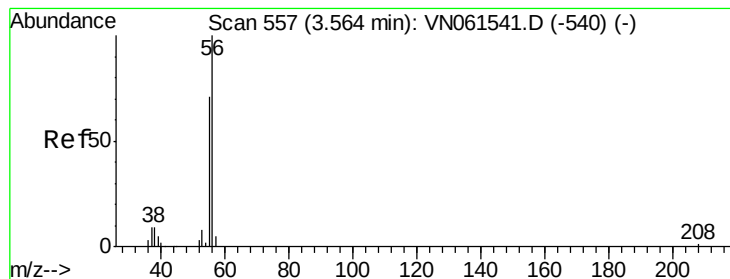


#12

1,1-Dichloroethene
Concen: 43.29 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion: 96 Resp: 146797
Ion Ratio Lower Upper
96 100
61 137.9 120.5 180.7
98 61.1 50.8 76.2





#13

Acrolein

Concen: 271.62 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

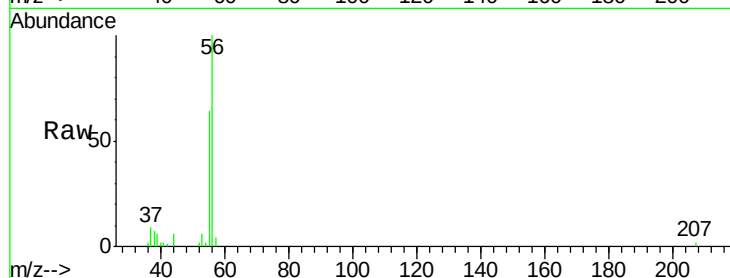
VE-4-11MS

Tgt Ion: 56 Resp: 40980

Ion Ratio Lower Upper

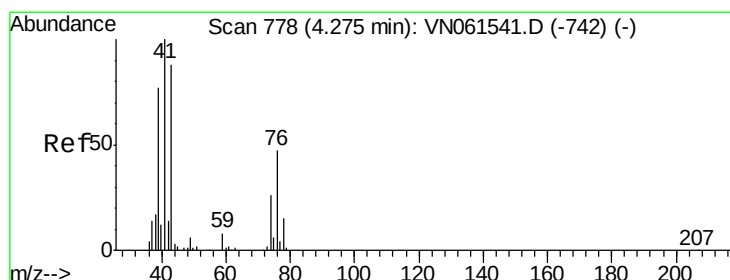
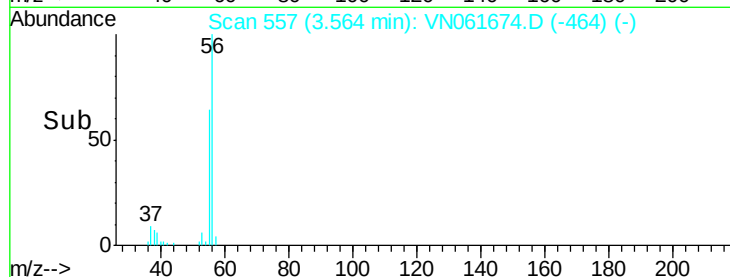
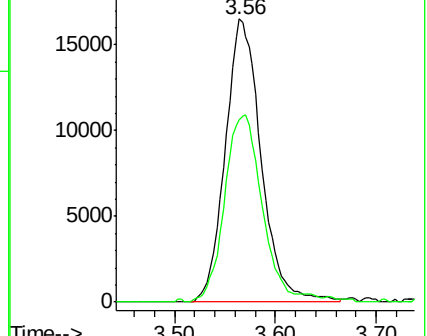
56 100

55 68.2 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 41.69 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

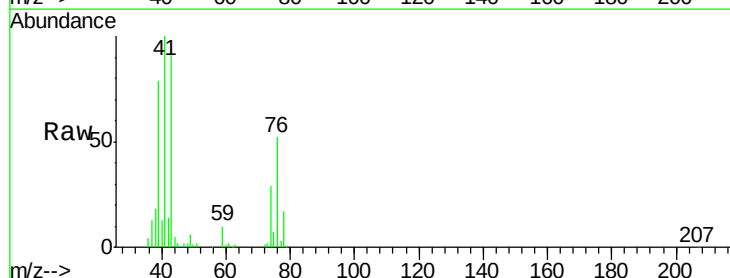
Tgt Ion: 41 Resp: 184849

Ion Ratio Lower Upper

41 100

39 72.5 58.6 88.0

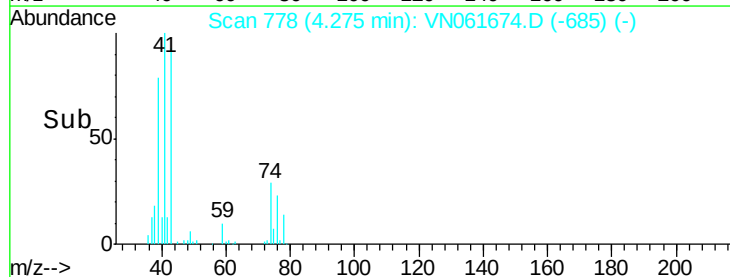
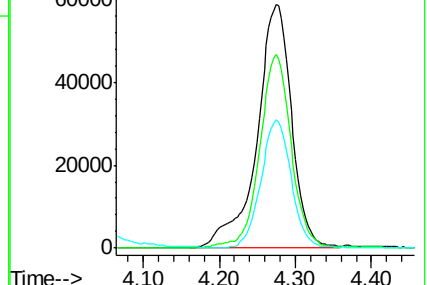
76 45.4 34.2 51.4

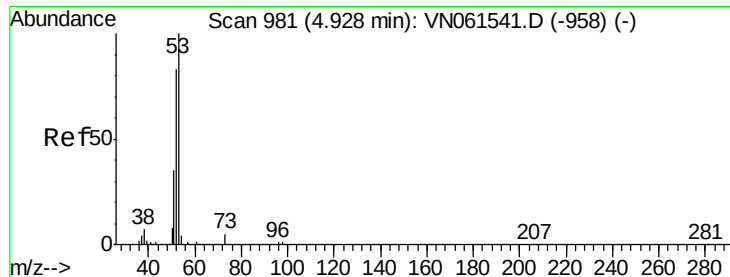


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 242.30 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

VE-4-11MS

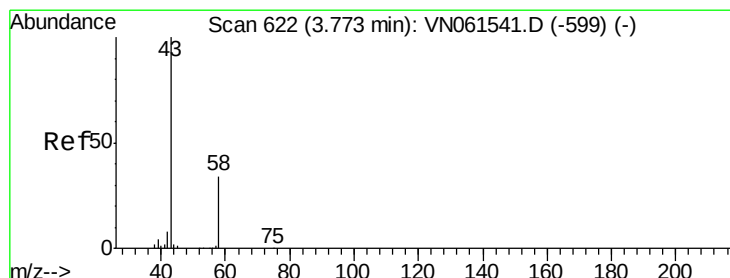
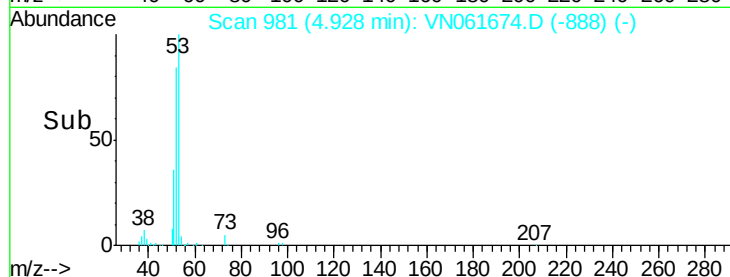
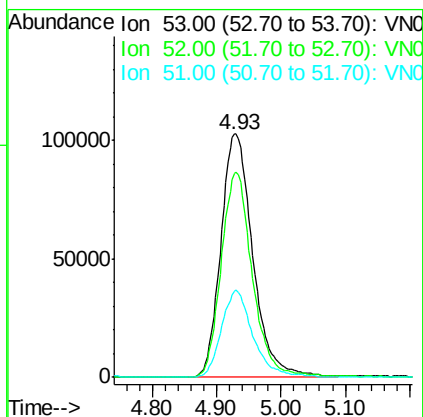
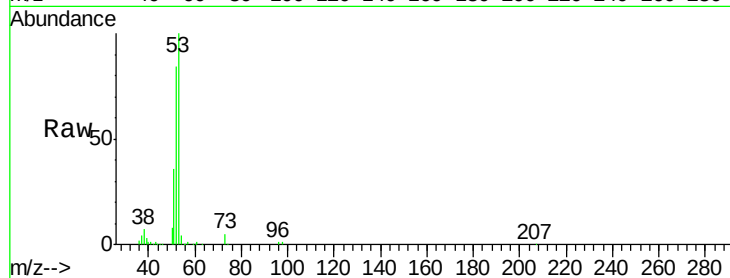
Tgt Ion: 53 Resp: 355707

Ion Ratio Lower Upper

53 100

52 81.8 65.4 98.2

51 35.5 29.0 43.6



#16

Acetone

Concen: 248.60 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061674.D

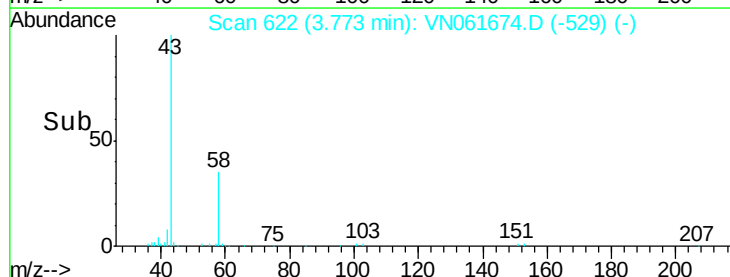
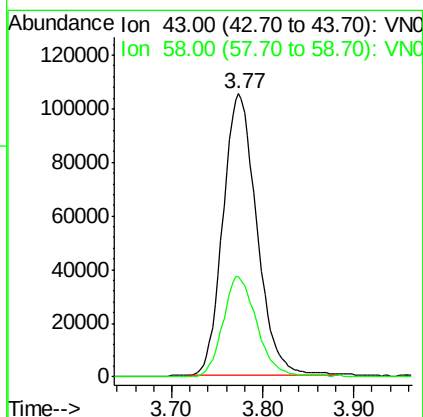
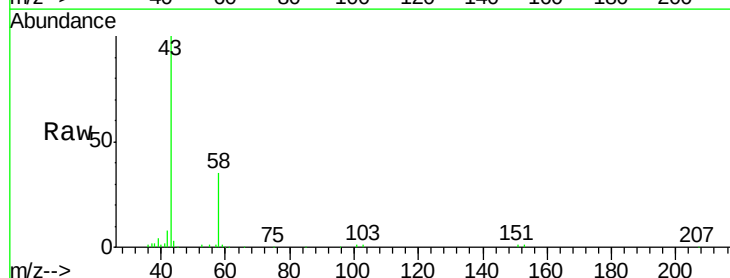
Acq: 5 Jun 2020 17:04

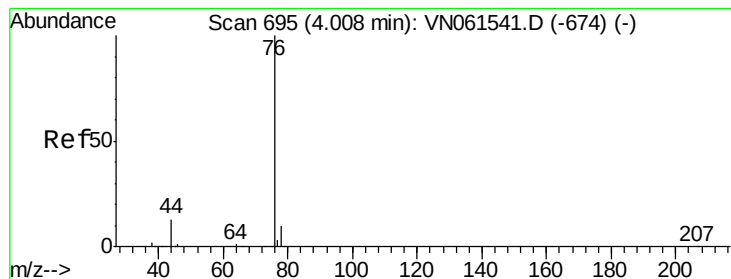
Tgt Ion: 43 Resp: 270954

Ion Ratio Lower Upper

43 100

58 35.6 27.2 40.8





#17

Carbon Disulfide

Concen: 38.67 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

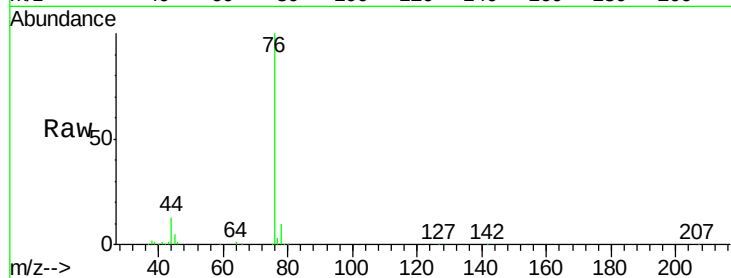
VE-4-11MS

Tgt Ion: 76 Resp: 288536

Ion Ratio Lower Upper

76 100

78 9.7 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VN061674.D (-602) (-)

Ion 77.90 (77.60 to 78.60): VN061674.D (-602) (-)

4.01

120000

100000

80000

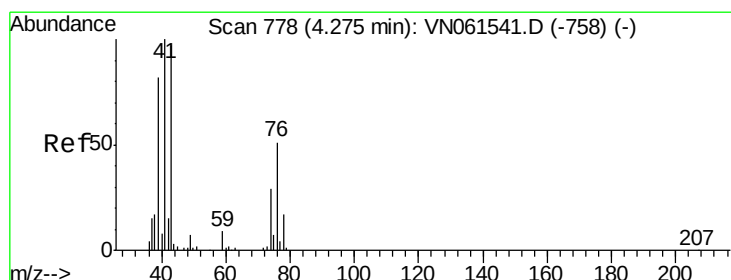
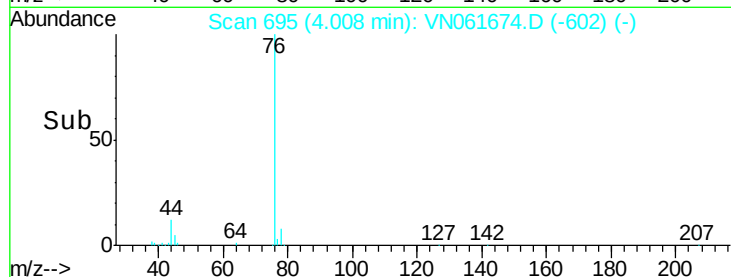
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 46.05 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061674.D

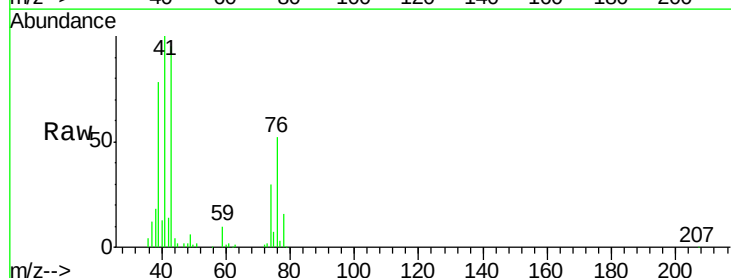
Acq: 5 Jun 2020 17:04

Tgt Ion: 43 Resp: 164846

Ion Ratio Lower Upper

43 100

74 29.5 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VN061674.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN061674.D (-685) (-)

4.28

60000

50000

40000

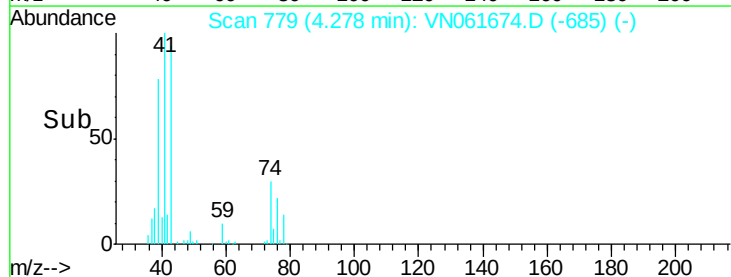
30000

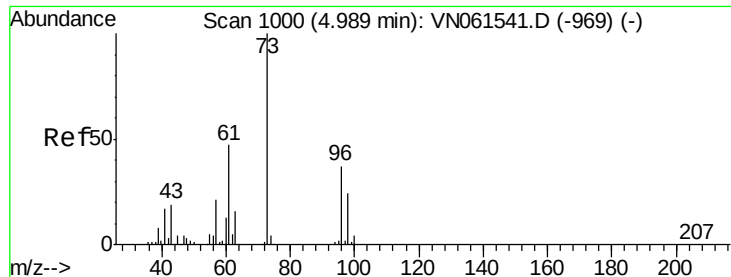
20000

10000

0

Time-->

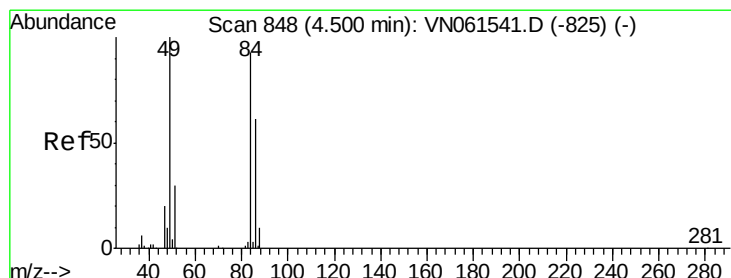
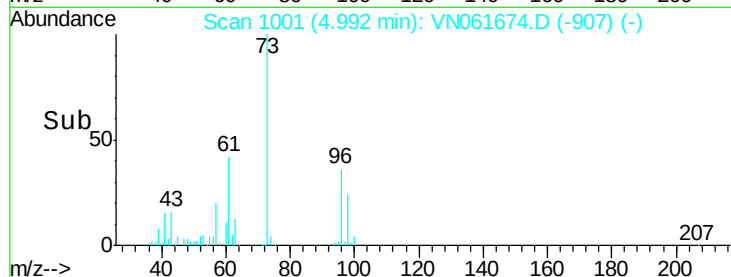
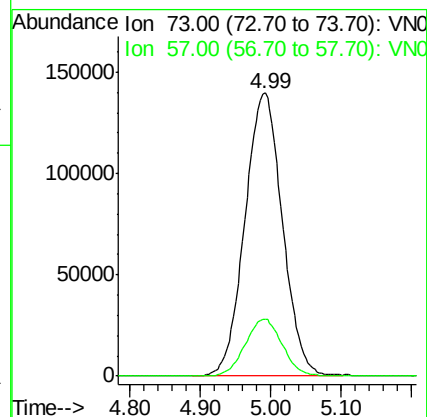
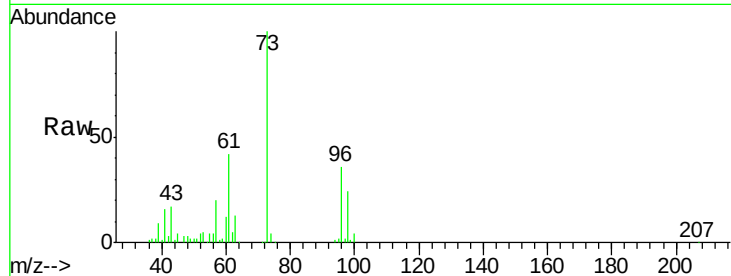




#19
Methyl tert-butyl Ether
Concen: 44.91 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

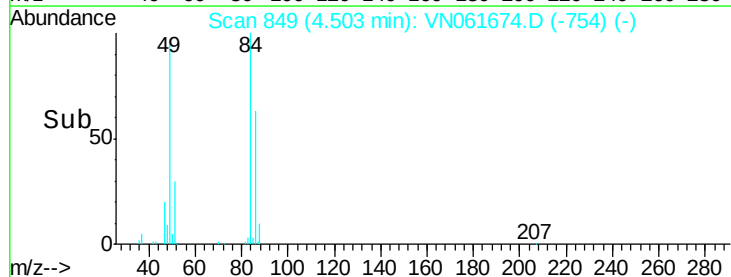
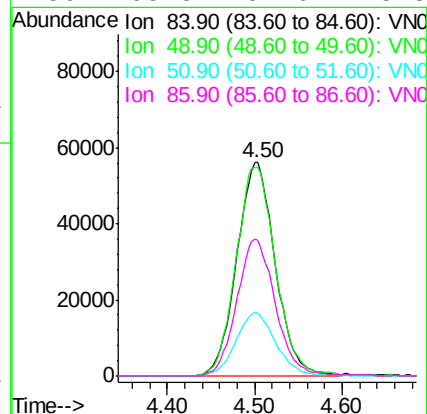
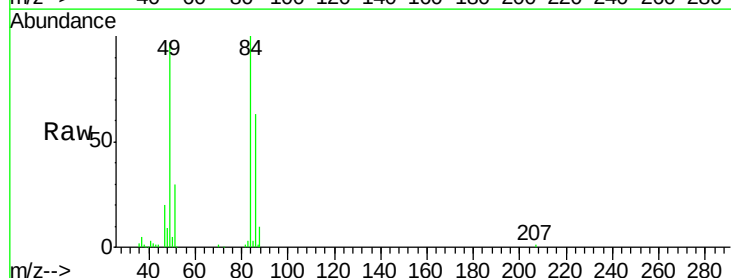
Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

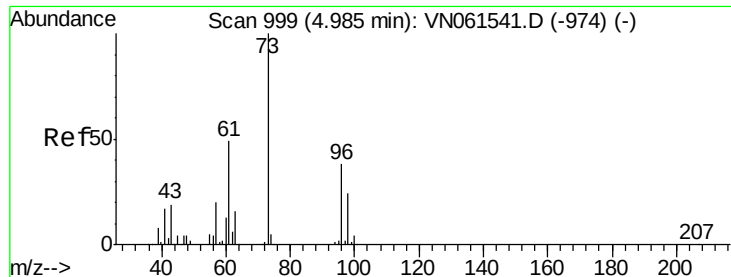
Tgt Ion: 73 Resp: 519085
Ion Ratio Lower Upper
73 100
57 20.1 16.4 24.6



#20
Methylene Chloride
Concen: 47.50 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion: 84 Resp: 171038
Ion Ratio Lower Upper
84 100
49 97.4 85.8 128.8
51 29.7 26.2 39.2
86 63.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 44.23 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

VE-4-11MS

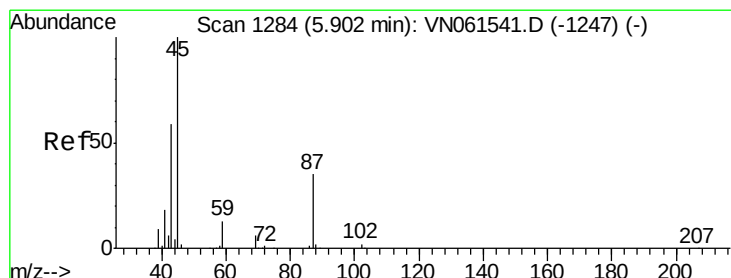
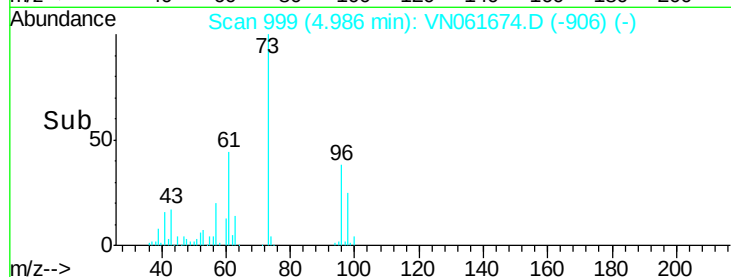
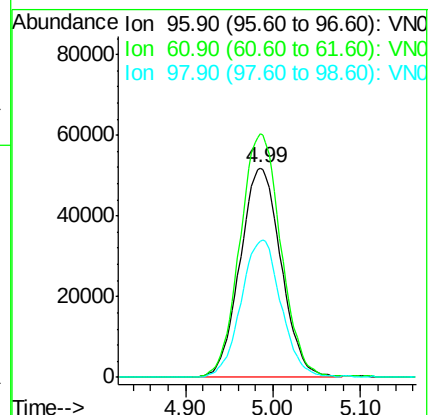
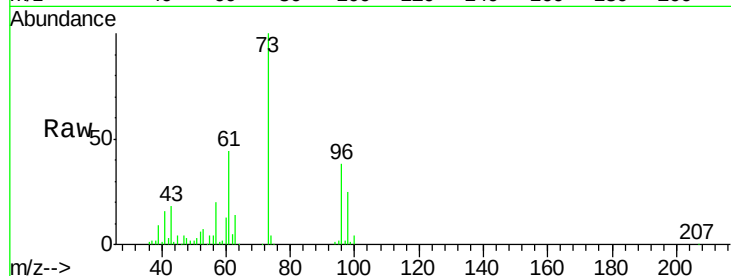
Tgt Ion: 96 Resp: 169159

Ion Ratio Lower Upper

96 100

61 116.1 101.4 152.0

98 64.6 50.6 76.0



#22

Diisopropyl ether

Concen: 44.23 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Tgt Ion: 45 Resp: 432253

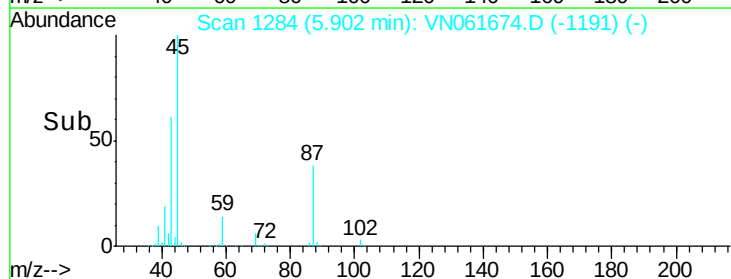
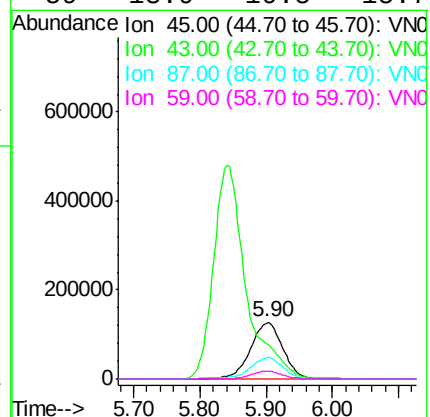
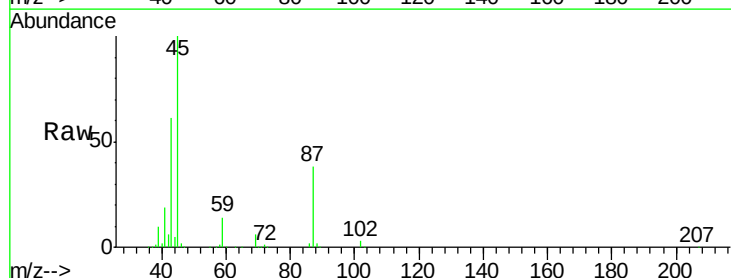
Ion Ratio Lower Upper

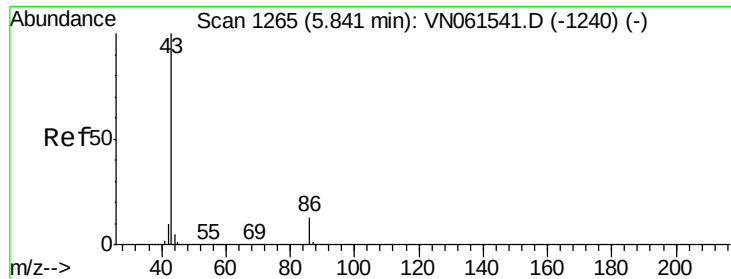
45 100

43 60.2 47.9 71.9

87 38.1 28.4 42.6

59 13.9 10.5 15.7





#23

Vinyl Acetate

Concen: 210.32 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

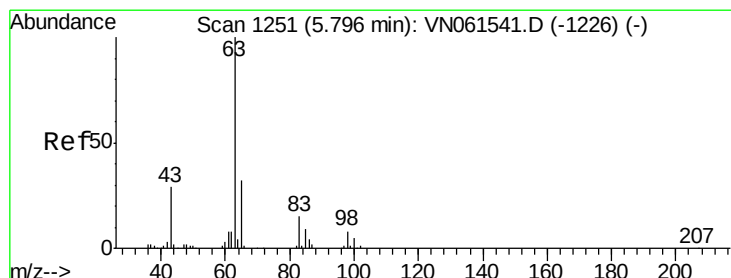
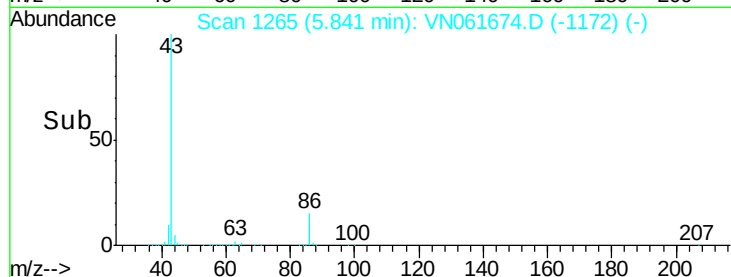
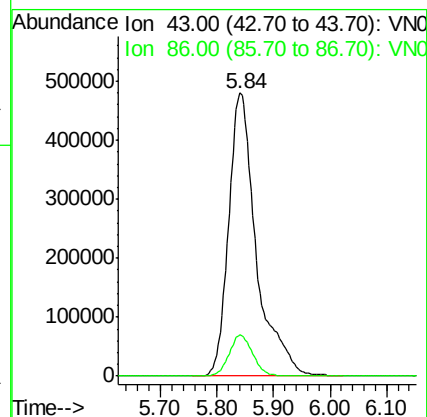
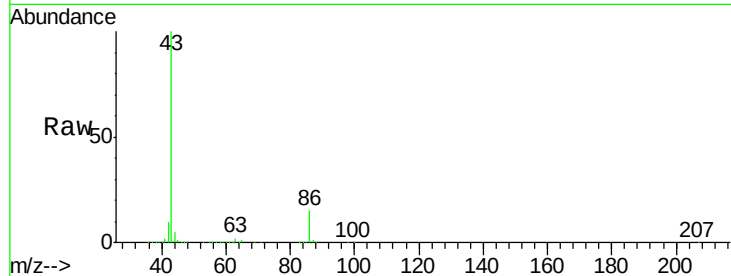
VE-4-11MS

Tgt Ion: 43 Resp: 1638088

Ion Ratio Lower Upper

43 100

86 14.5 10.6 16.0



#24

1,1-Dichloroethane

Concen: 44.55 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

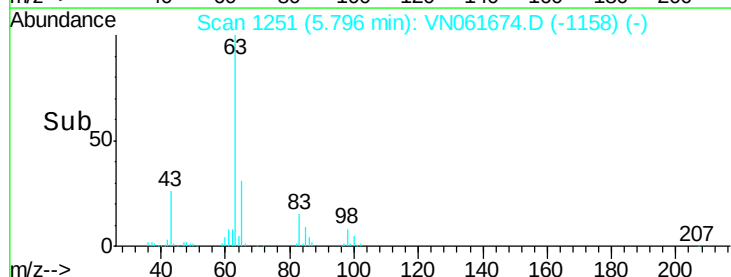
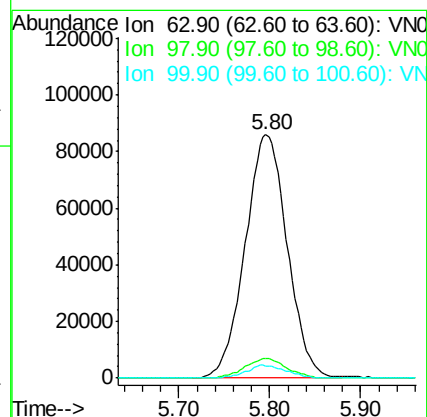
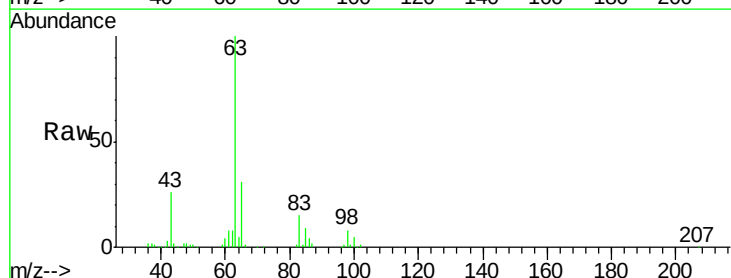
Tgt Ion: 63 Resp: 276067

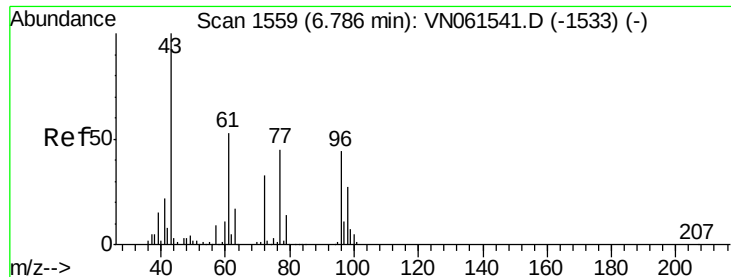
Ion Ratio Lower Upper

63 100

98 8.3 3.8 11.4

100 5.1 2.5 7.6

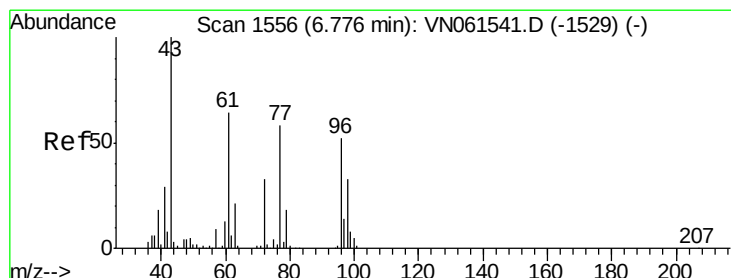
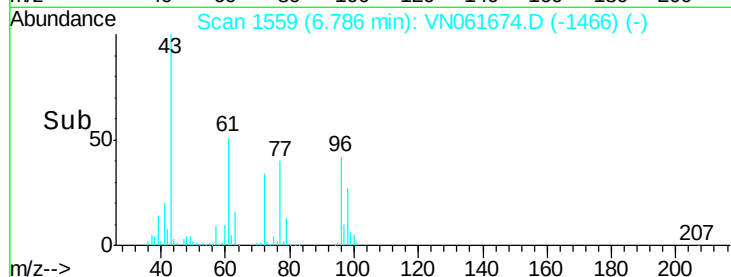
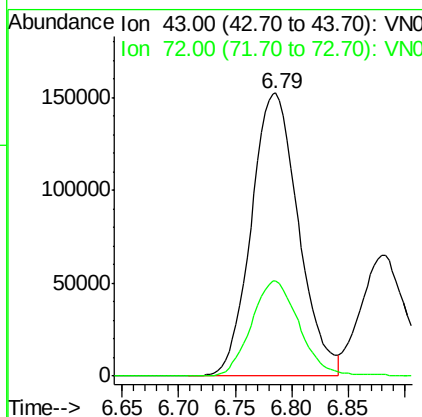
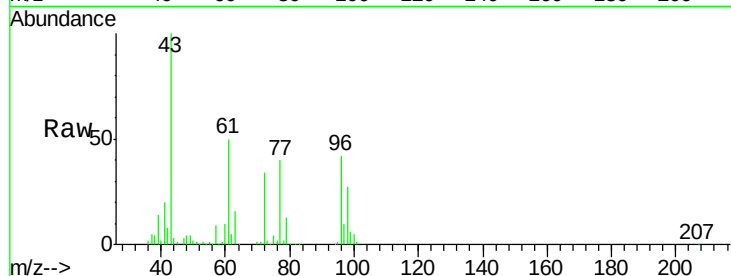




#25
 2-Butanone
 Concen: 235.59 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

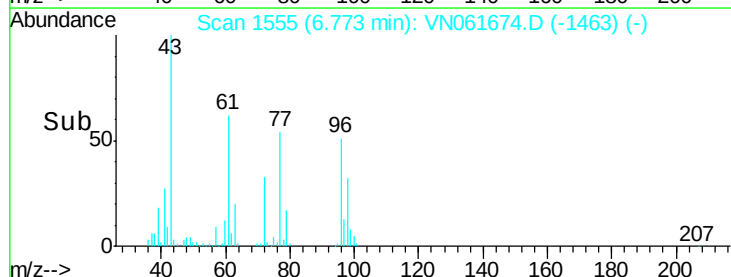
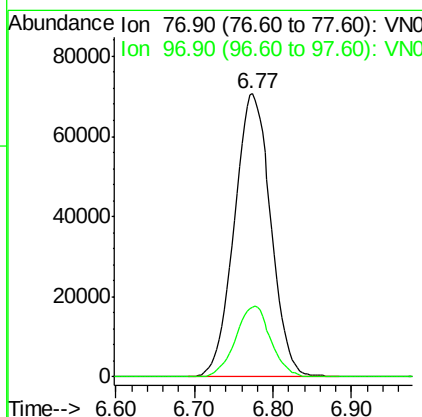
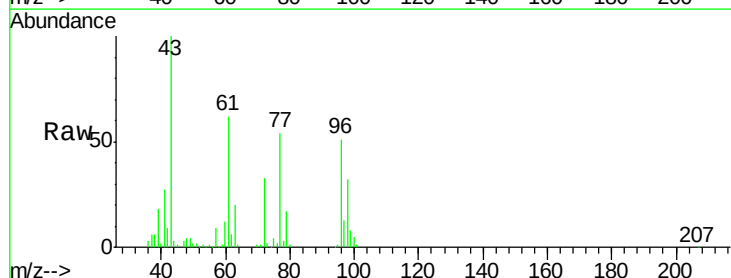
Instrument :
 MSVOA_N
 ClientSampled :
 VE-4-11MS

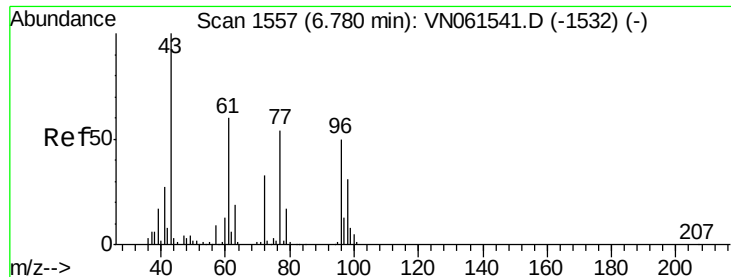
Tgt Ion: 43 Resp: 441506
 Ion Ratio Lower Upper
 43 100
 72 33.7 26.0 39.0



#26
 2,2-Dichloropropane
 Concen: 40.41 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion: 77 Resp: 229208
 Ion Ratio Lower Upper
 77 100
 97 24.1 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 46.03 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

VE-4-11MS

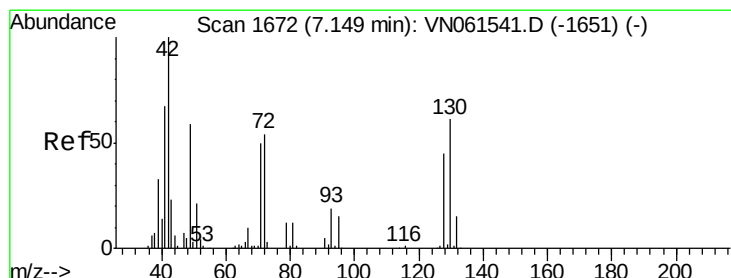
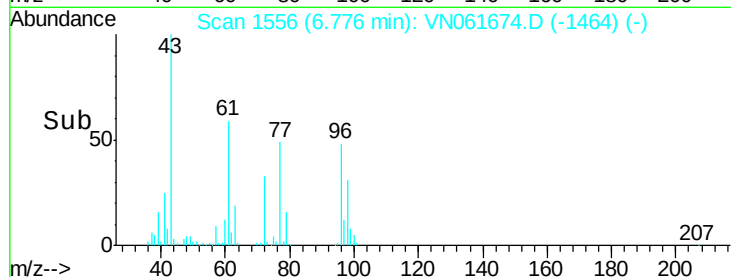
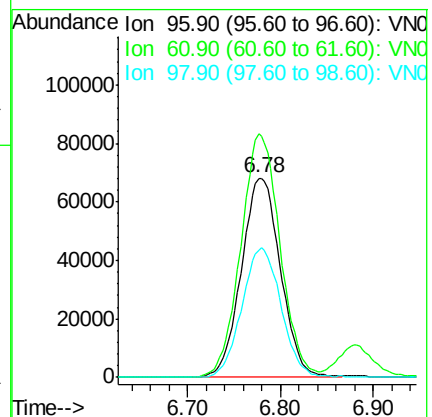
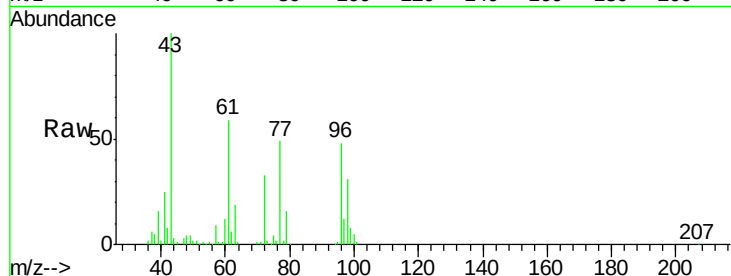
Tgt Ion: 96 Resp: 199326

Ion Ratio Lower Upper

96 100

61 122.8 0.0 252.2

98 64.9 0.0 129.2



#28

Bromochloromethane

Concen: 48.72 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

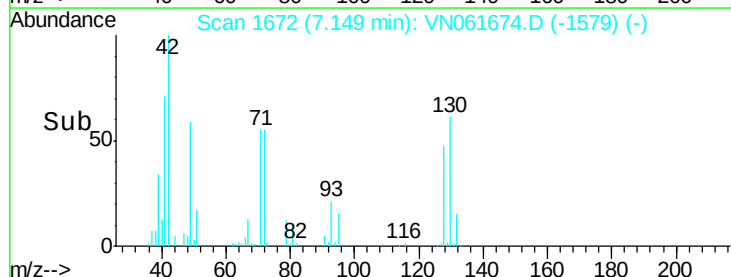
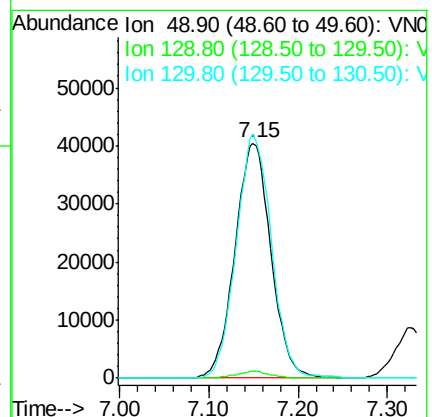
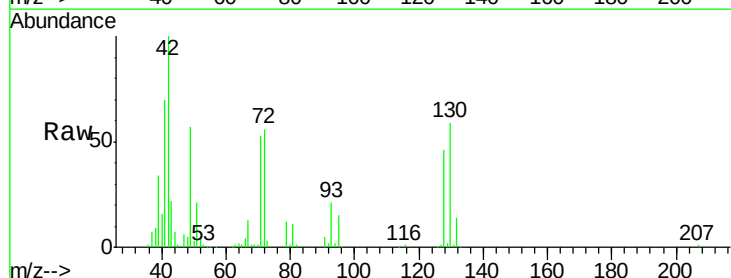
Tgt Ion: 49 Resp: 113409

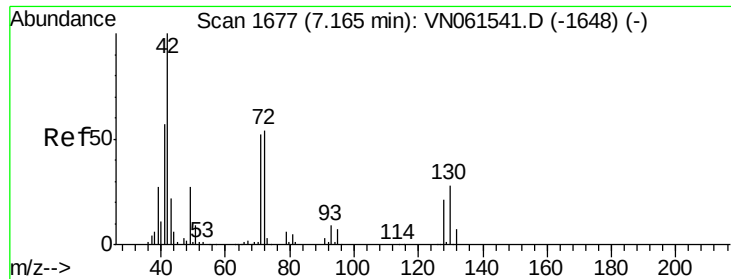
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.8

130 101.5 78.8 118.2

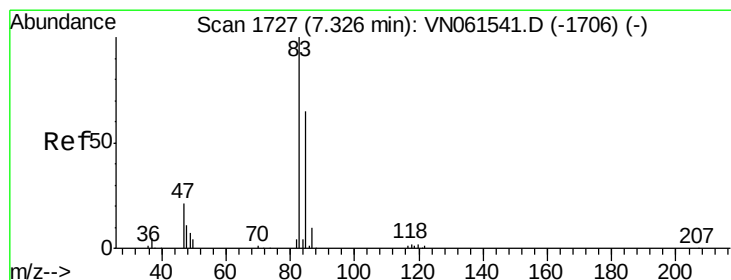
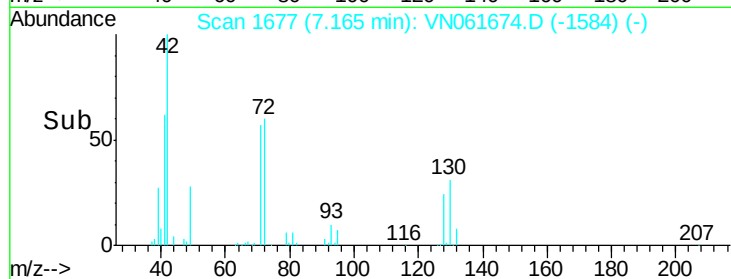
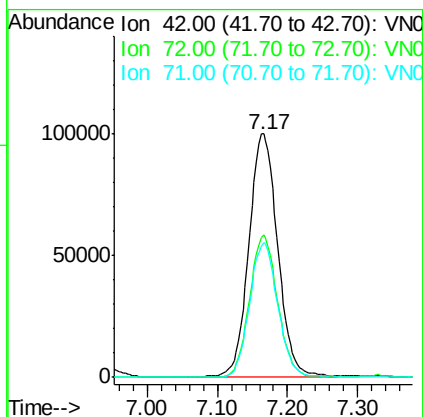
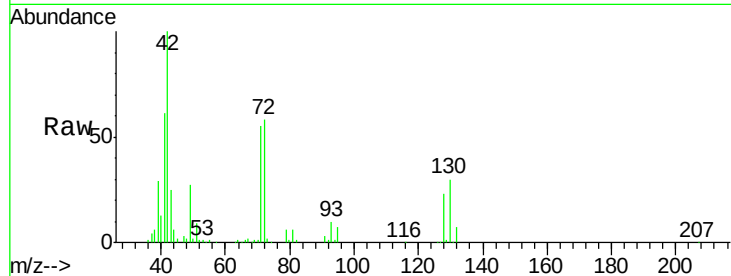




#29
Tetrahydrofuran
Concen: 231.60 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

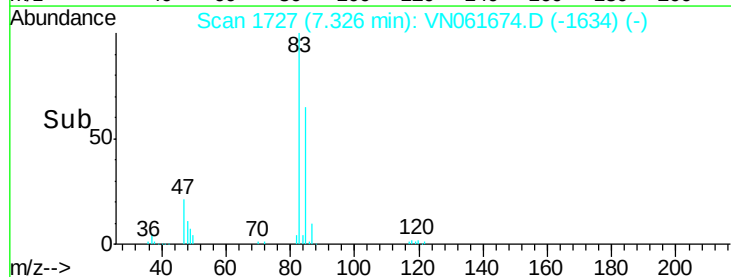
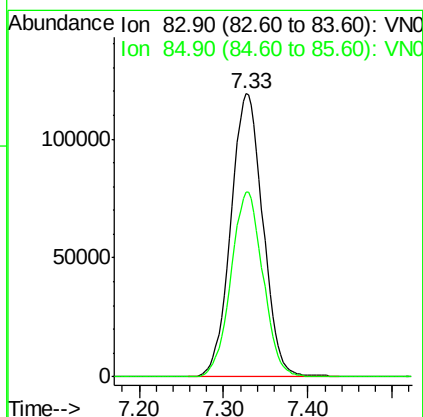
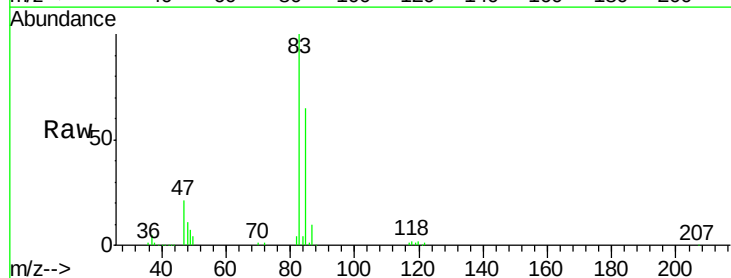
Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

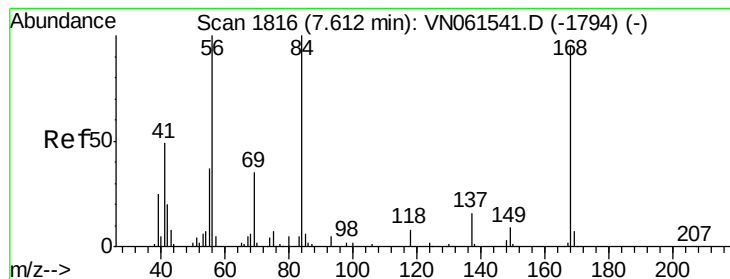
Tgt Ion: 42 Resp: 286200
Ion Ratio Lower Upper
42 100
72 56.4 43.6 65.4
71 53.7 41.2 61.8



#30
Chloroform
Concen: 45.94 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion: 83 Resp: 314910
Ion Ratio Lower Upper
83 100
85 65.3 51.7 77.5





#31

Cyclohexane

Concen: 40.67 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

VE-4-11MS

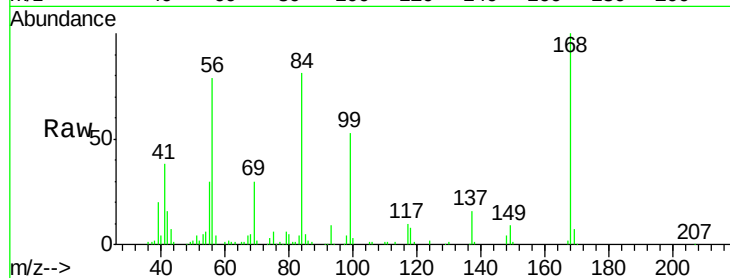
Tgt Ion: 56 Resp: 226628

Ion Ratio Lower Upper

56 100

69 37.4 27.8 41.8

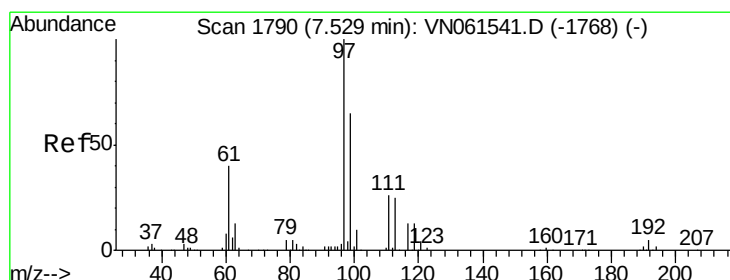
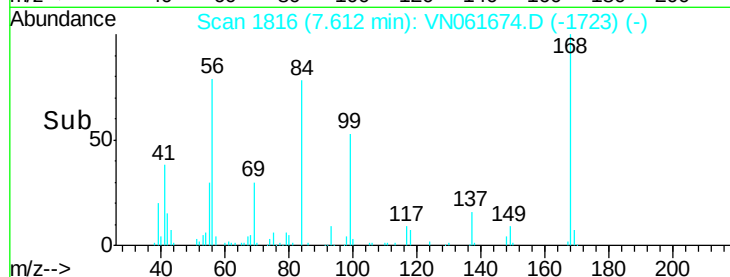
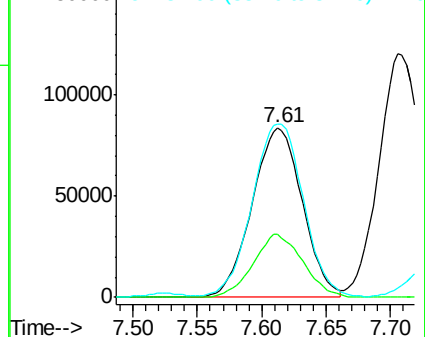
84 101.2 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 45.80 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

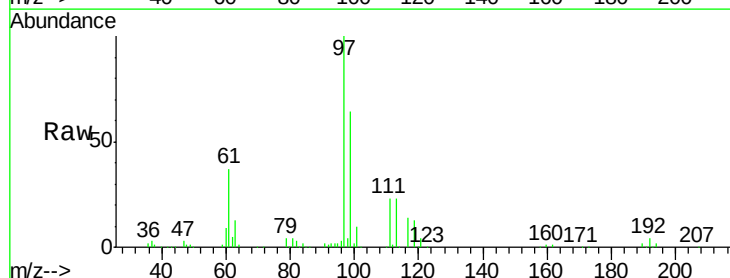
Tgt Ion: 97 Resp: 286062

Ion Ratio Lower Upper

97 100

99 63.7 51.4 77.0

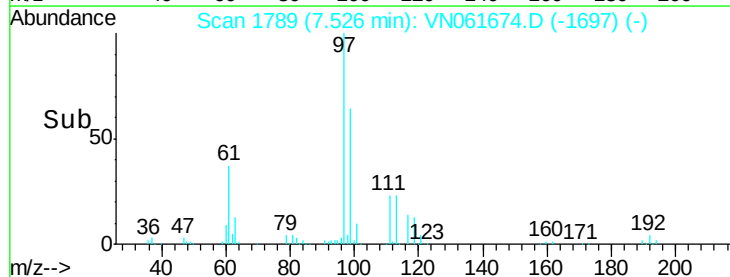
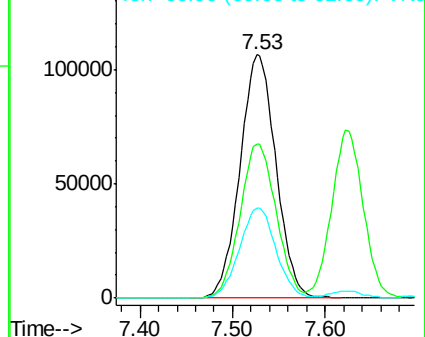
61 37.7 31.4 47.0

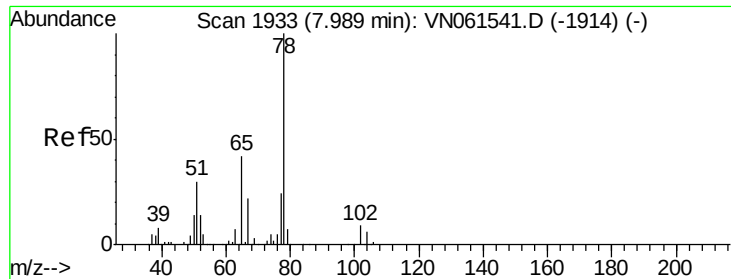


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

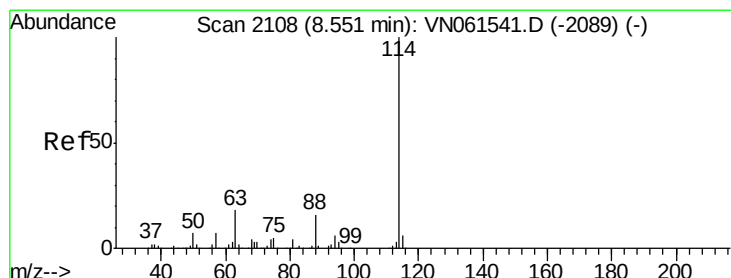
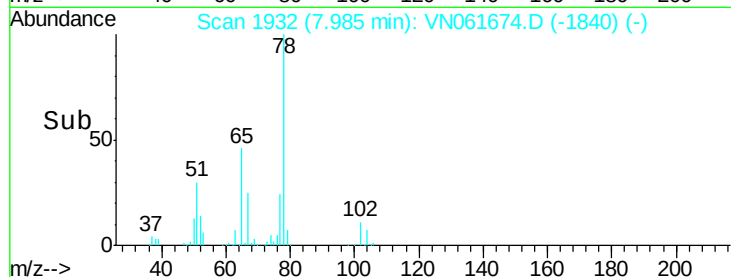
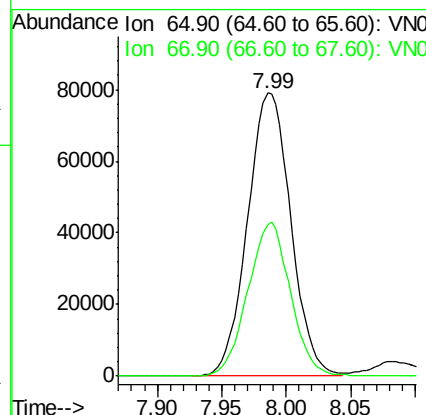
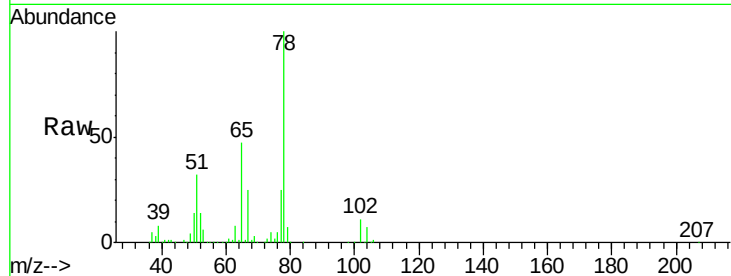




#33
 1,2-Dichloroethane-d4
 Concen: 46.87 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

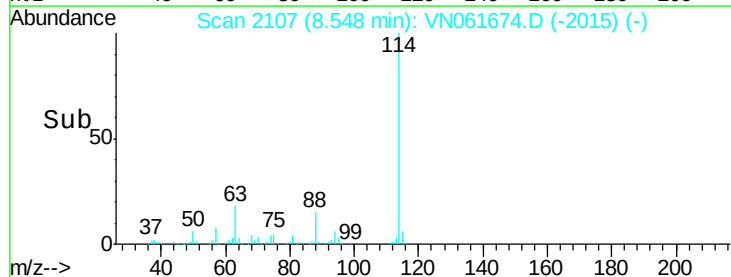
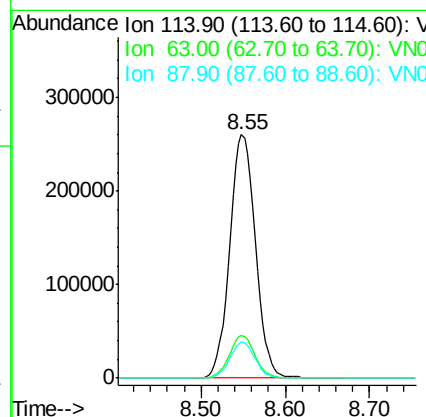
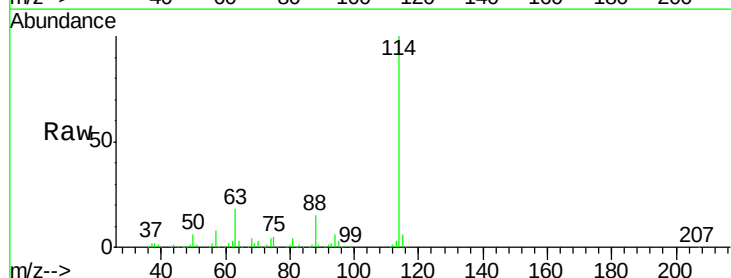
Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11MS

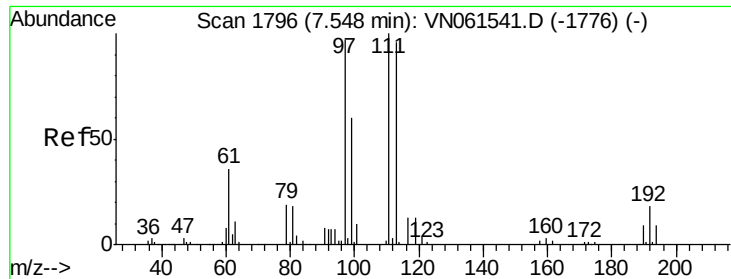
Tgt Ion: 65 Resp: 185317
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion: 114 Resp: 552334
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.8
 88 14.9 0.0 31.0

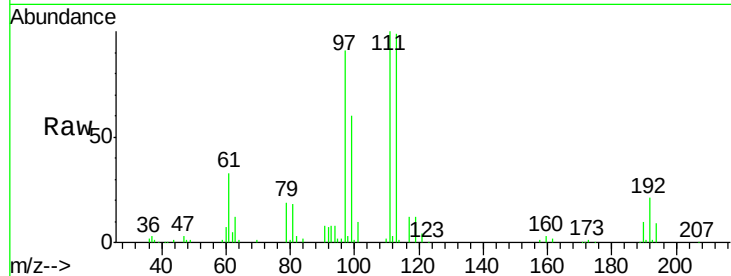




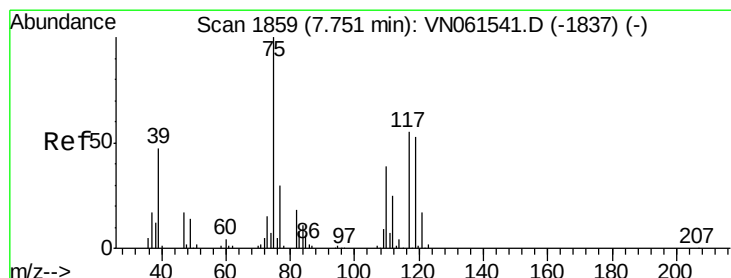
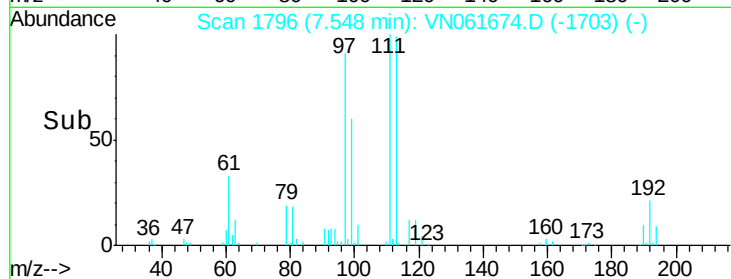
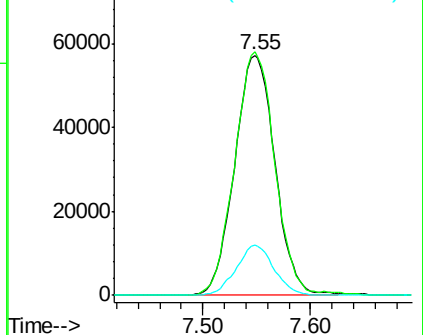
#35
 Dibromofluoromethane
 Concen: 53.04 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11MS

Tgt Ion: 113 Resp: 148610
 Ion Ratio Lower Upper
 113 100
 111 100.5 83.4 125.0
 192 19.7 15.4 23.2

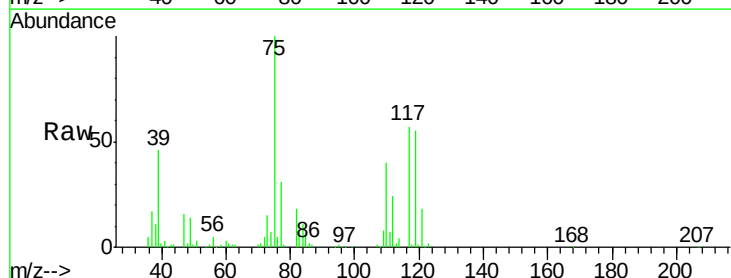


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

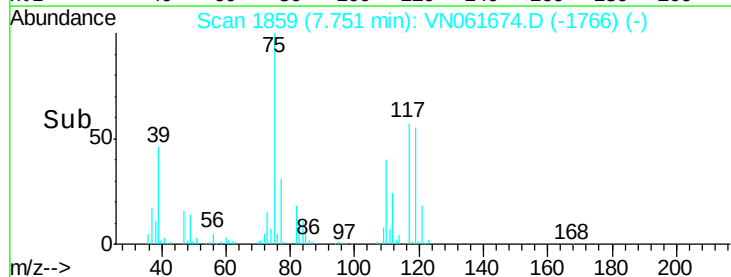
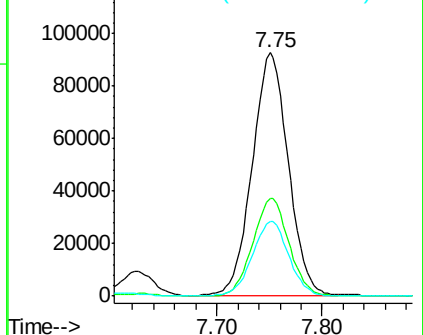


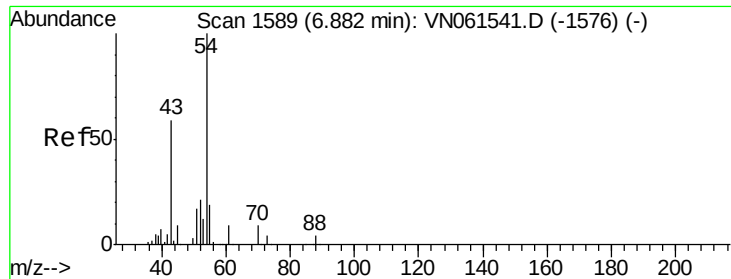
#36
 1,1-Dichloropropene
 Concen: 44.98 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion: 75 Resp: 219929
 Ion Ratio Lower Upper
 75 100
 110 40.3 19.5 58.5
 77 31.4 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

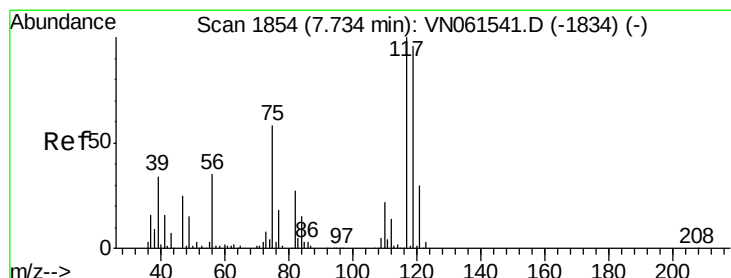
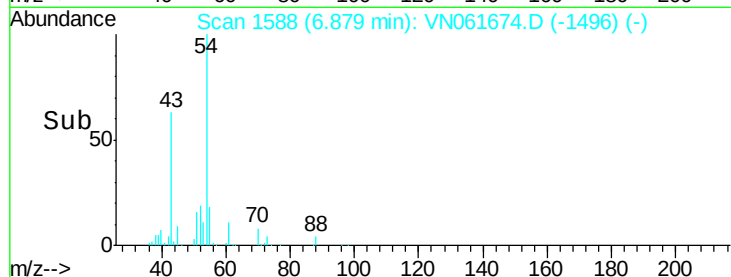
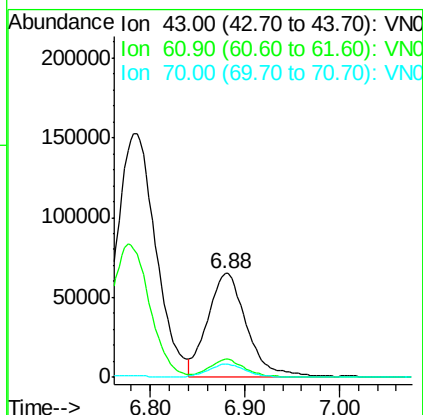
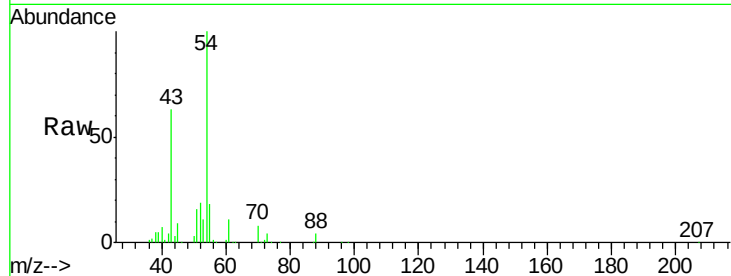




#37
Ethyl Acetate
Concen: 46.83 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

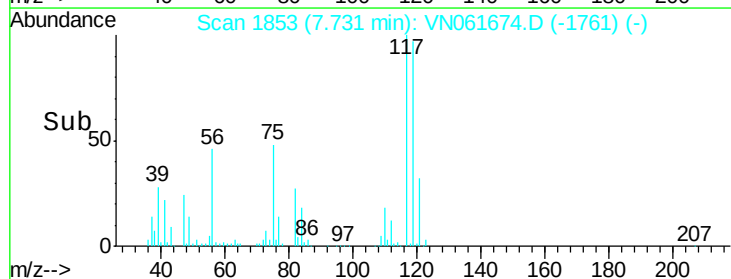
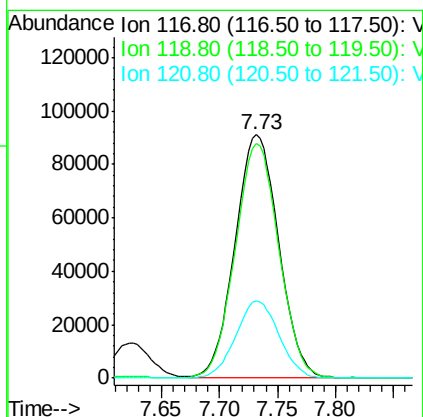
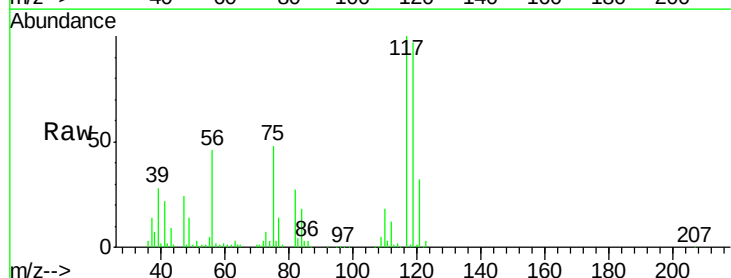
Instrument :
MSVOA_N
ClientSampleId :
VE-4-11MS

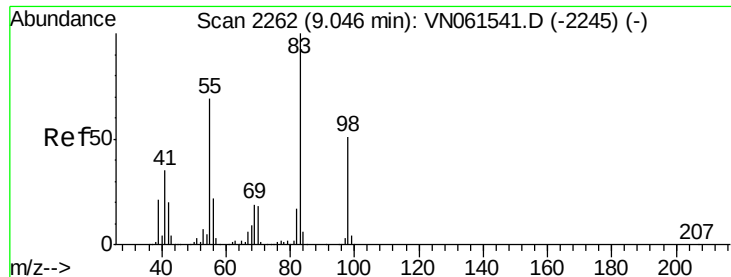
Tgt Ion: 43 Resp: 184441
Ion Ratio Lower Upper
43 100
61 16.4 12.2 18.4
70 12.6 9.4 14.2



#38
Carbon Tetrachloride
Concen: 50.27 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion: 117 Resp: 237114
Ion Ratio Lower Upper
117 100
119 96.6 76.5 114.7
121 31.8 24.1 36.1

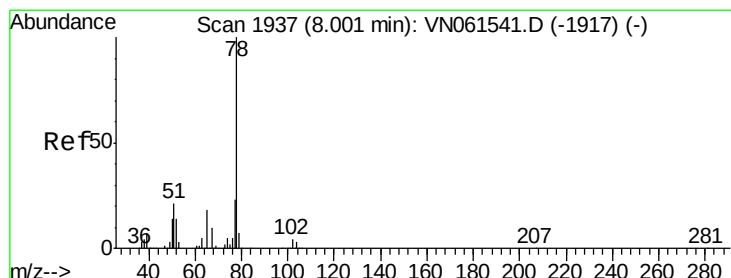
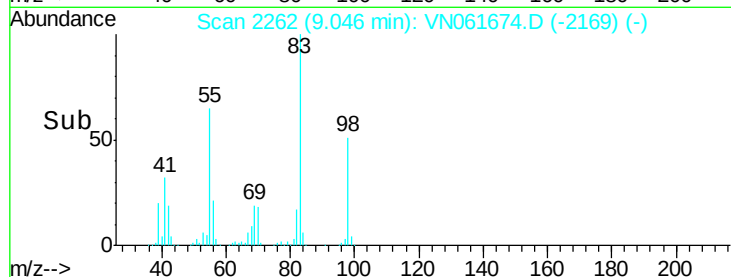
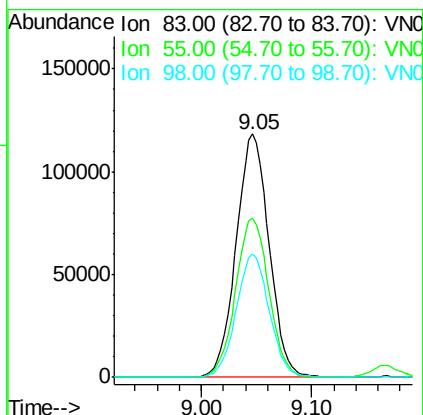
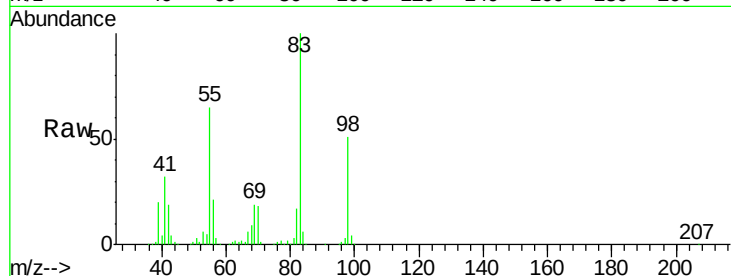




#39
Methylcyclohexane
Concen: 40.72 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

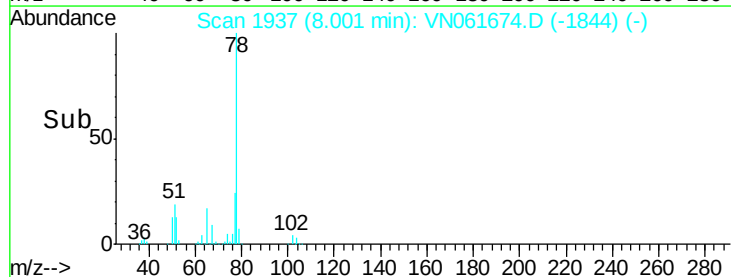
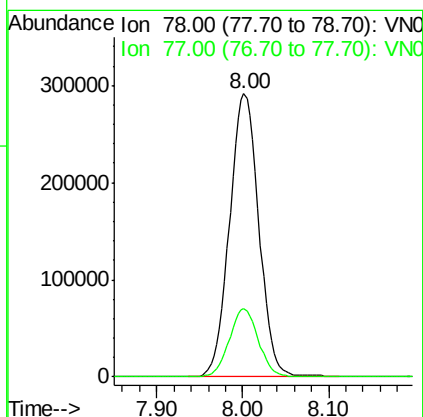
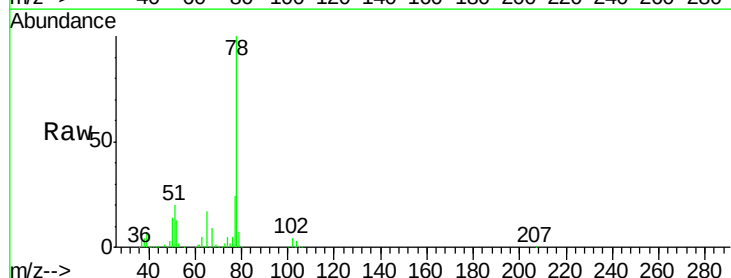
Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

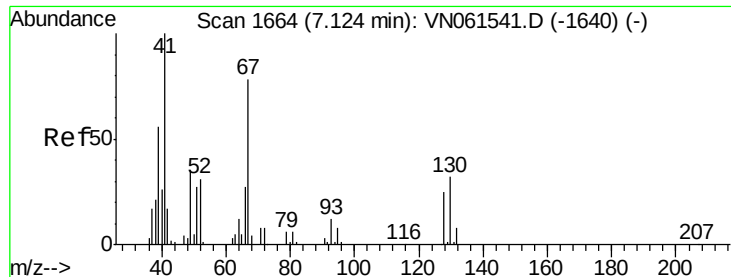
Tgt Ion: 83 Resp: 245398
Ion Ratio Lower Upper
83 100
55 65.2 54.9 82.3
98 50.6 41.0 61.4



#40
Benzene
Concen: 45.76 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion: 78 Resp: 690428
Ion Ratio Lower Upper
78 100
77 24.0 18.6 28.0

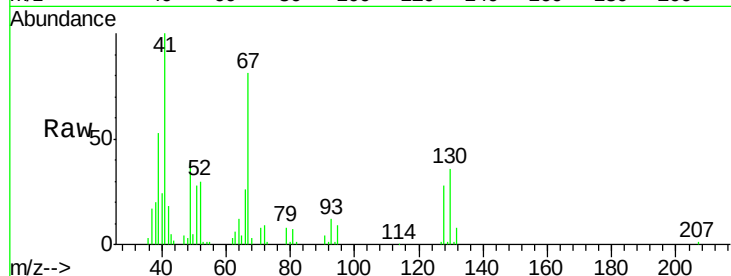




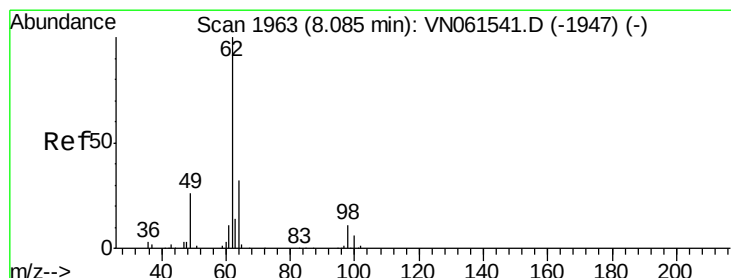
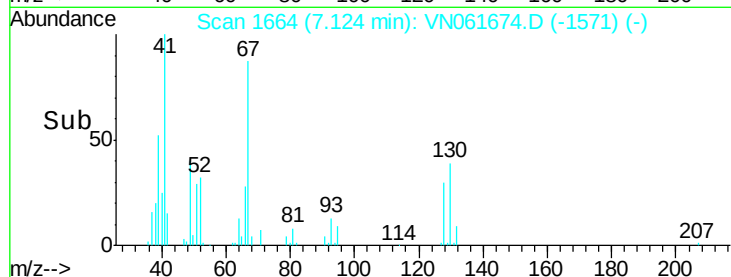
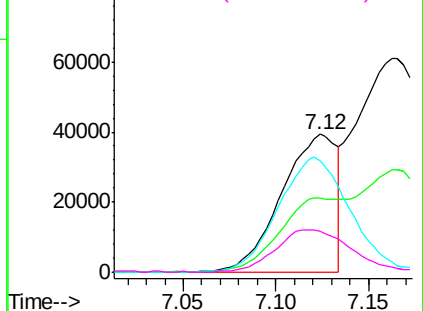
#41
Methacrylonitrile
Concen: 45.39 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

Tgt Ion: 41 Resp: 81901
Ion Ratio Lower Upper
41 100
39 60.7 53.8 80.6
67 109.2 91.1 136.7
52 42.9 36.0 54.0

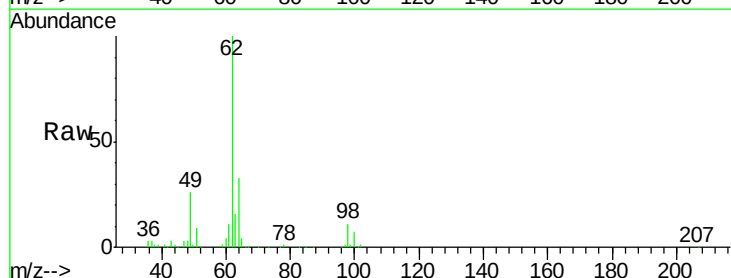


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

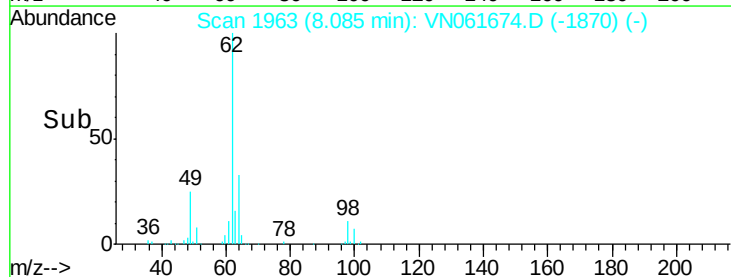
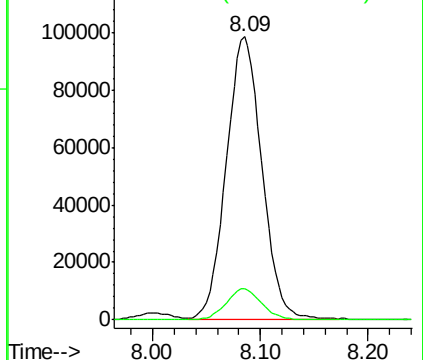


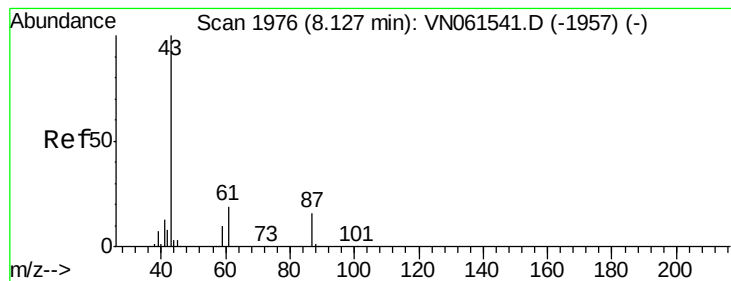
#42
1,2-Dichloroethane
Concen: 44.60 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion: 62 Resp: 225290
Ion Ratio Lower Upper
62 100
98 10.9 0.0 21.4



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





#43

Isopropyl Acetate

Concen: 44.58 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

VE-4-11MS

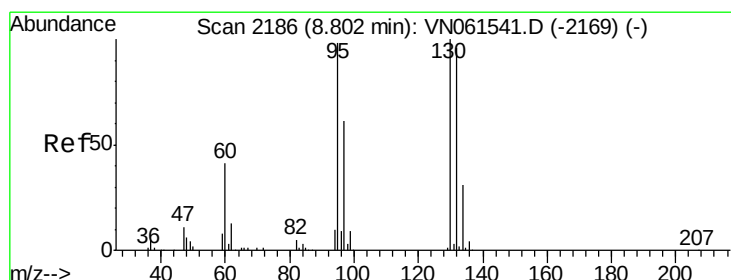
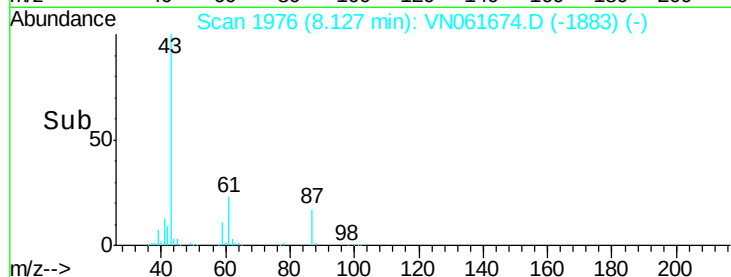
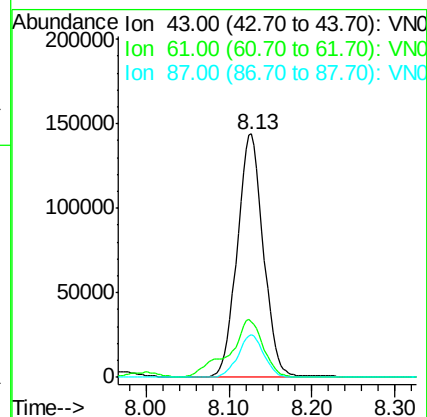
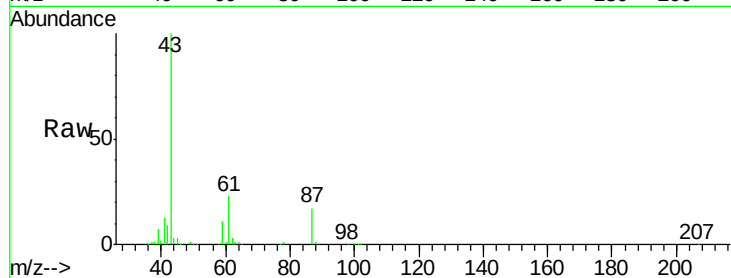
Tgt Ion: 43 Resp: 315859

Ion Ratio Lower Upper

43 100

61 30.7 23.6 35.4

87 17.3 13.0 19.6



#44

Trichloroethene

Concen: 45.40 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061674.D

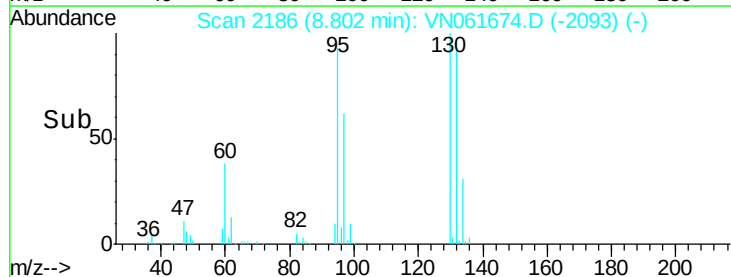
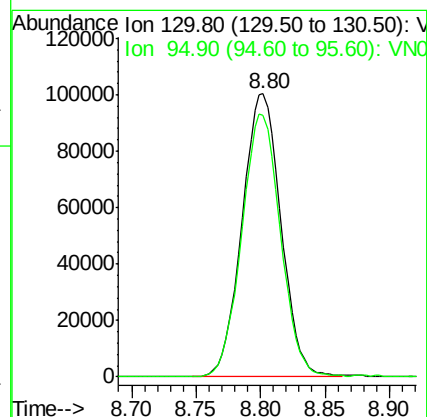
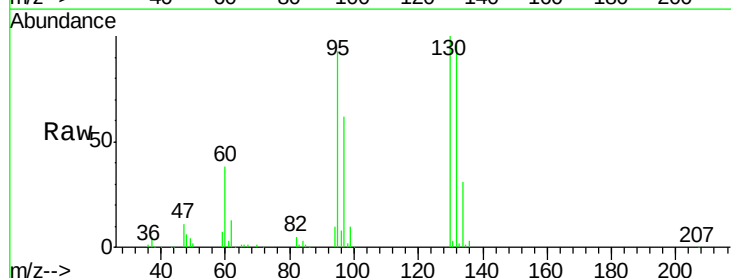
Acq: 5 Jun 2020 17:04

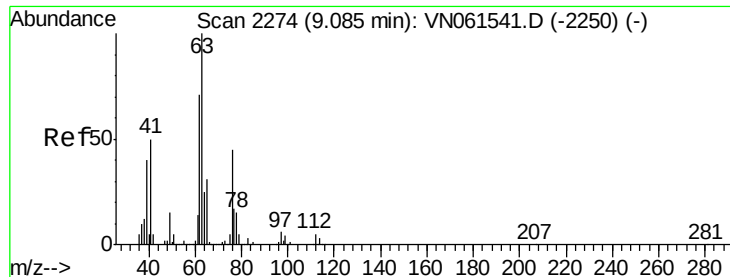
Tgt Ion: 130 Resp: 210501

Ion Ratio Lower Upper

130 100

95 92.6 0.0 196.6

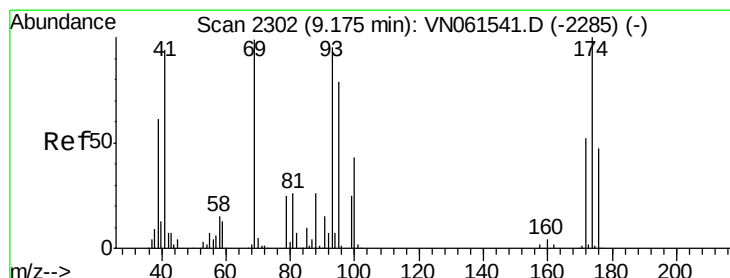
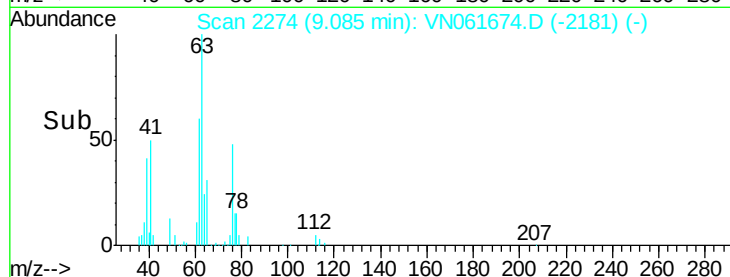
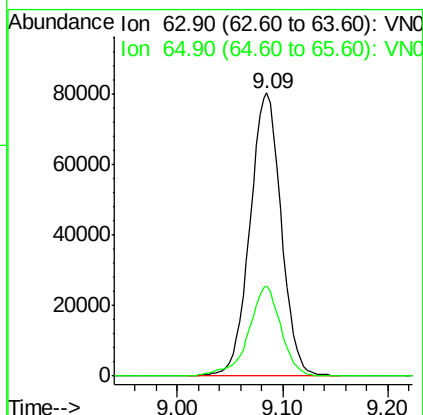
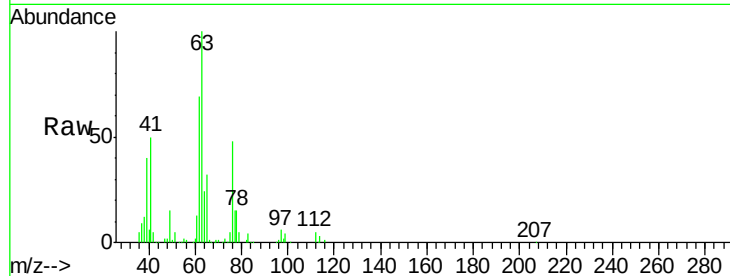




#45
 1,2-Dichloropropane
 Concen: 46.39 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

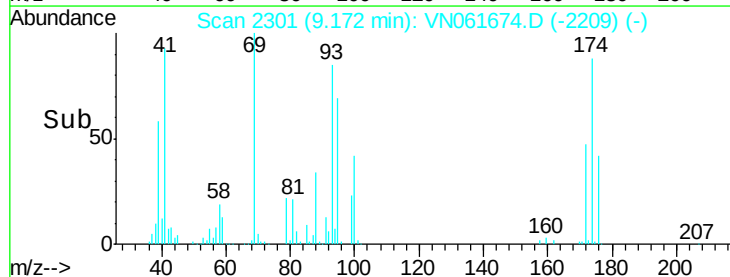
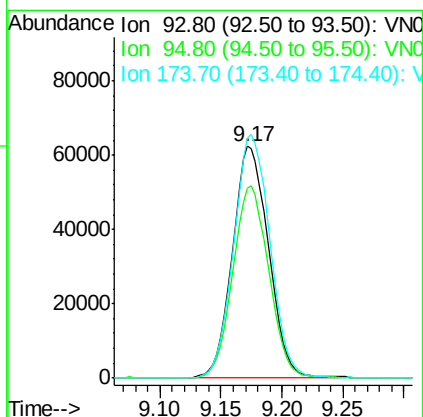
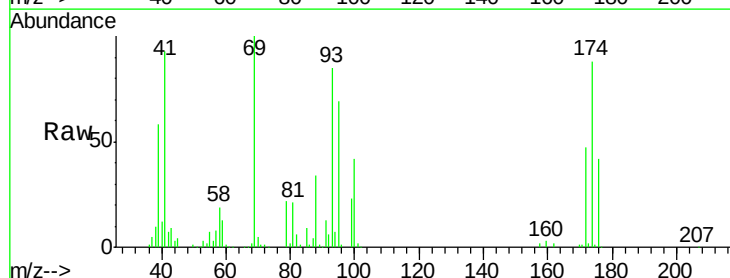
Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11MS

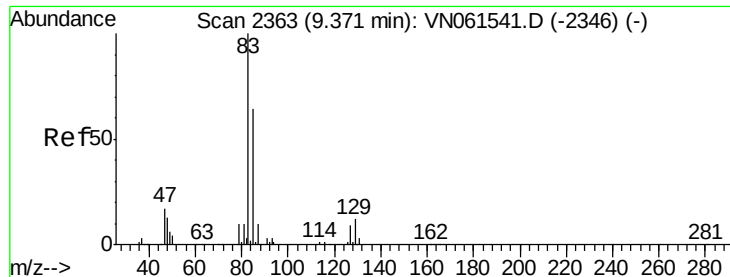
Tgt Ion: 63 Resp: 166200
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.7 37.1



#46
 Dibromomethane
 Concen: 46.55 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion: 93 Resp: 127893
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.0 99.0
 174 105.6 82.5 123.7





#47

Bromodichloromethane

Concen: 46.05 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

VE-4-11MS

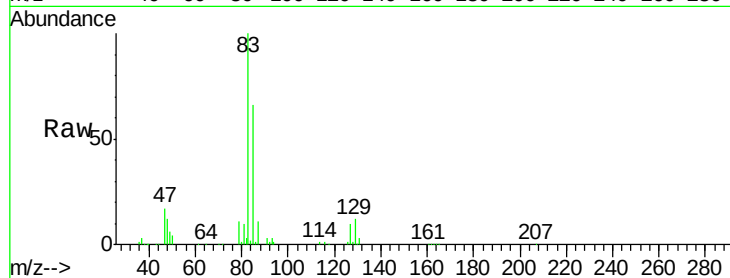
Tgt Ion: 83 Resp: 250659

Ion Ratio Lower Upper

83 100

85 66.2 51.1 76.7

127 9.8 7.2 10.8



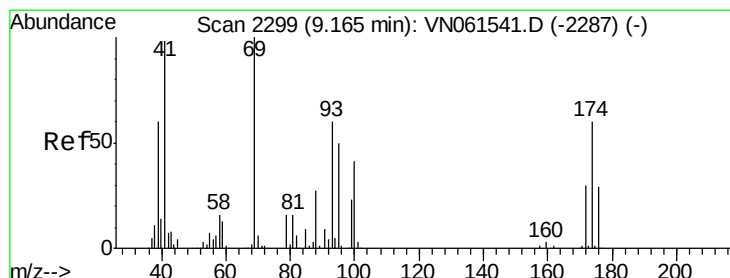
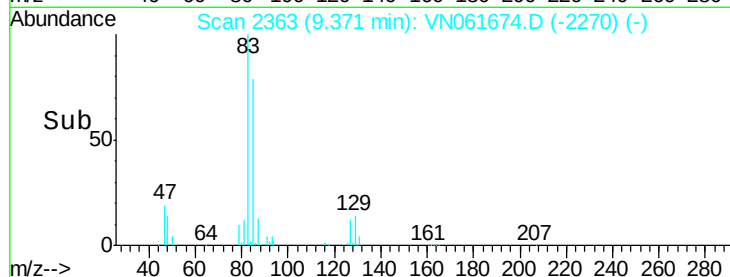
Abundance Ion 82.90 (82.60 to 83.60): VN061674.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061674.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061674.D (-2270) (-)



Time-->



#48

Methyl methacrylate

Concen: 45.76 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

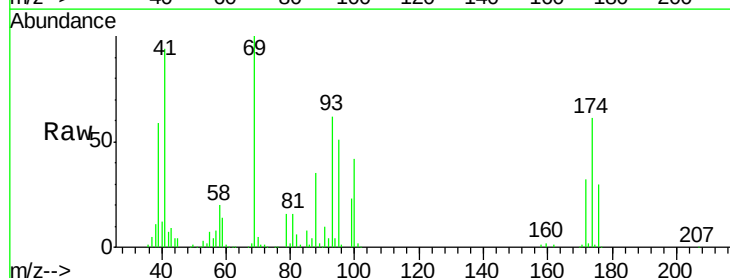
Tgt Ion: 41 Resp: 145874

Ion Ratio Lower Upper

41 100

69 104.6 83.9 125.9

39 62.3 52.1 78.1



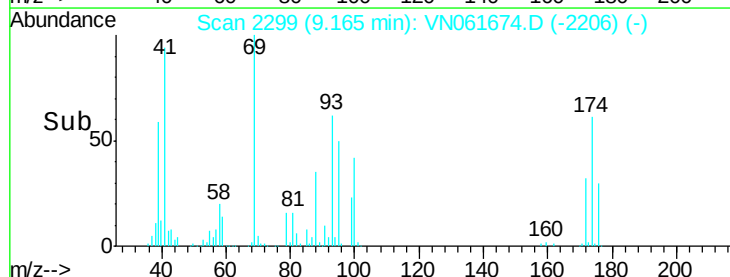
Abundance Ion 41.00 (40.70 to 41.70): VN061674.D (-2206) (-)

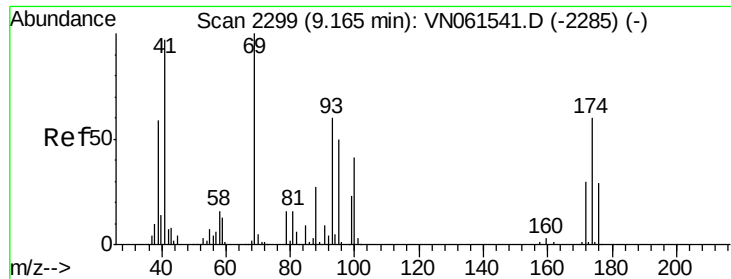
Ion 69.00 (68.70 to 69.70): VN061674.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061674.D (-2206) (-)



Time-->

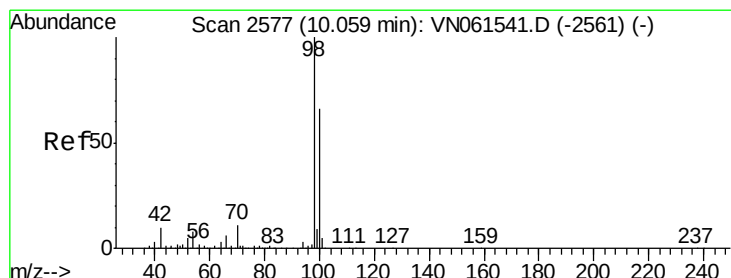
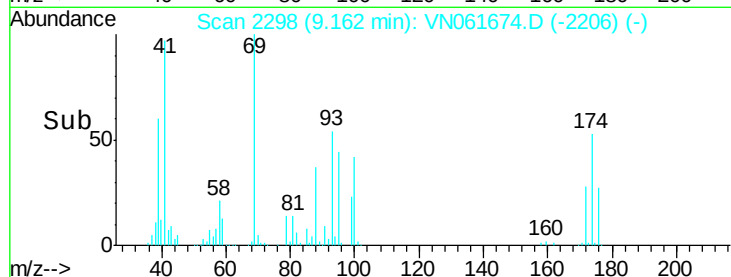
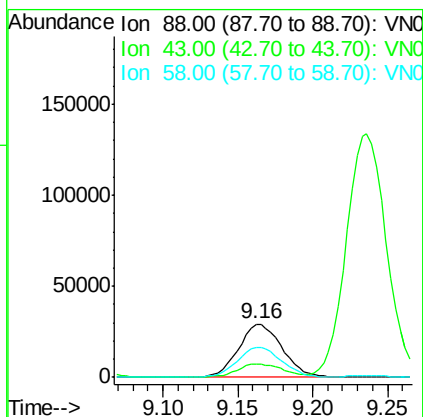
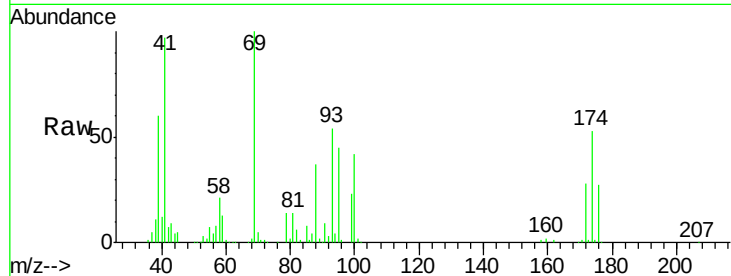




#49
1,4-Dioxane
Concen: 1202.87 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

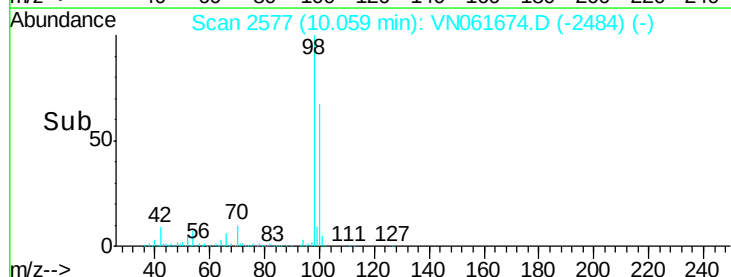
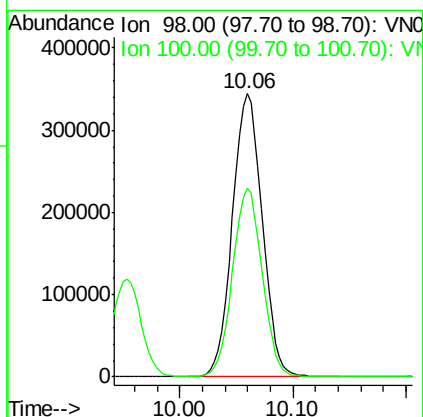
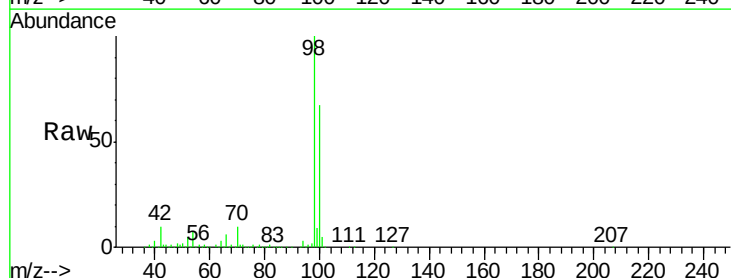
Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

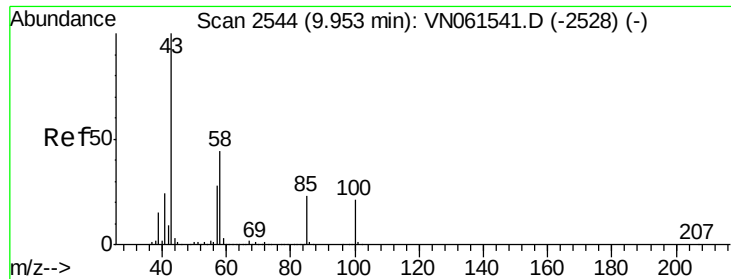
Tgt Ion: 88 Resp: 59403
Ion Ratio Lower Upper
88 100
43 26.2 23.1 34.7
58 57.6 48.3 72.5



#50
Toluene-d8
Concen: 48.89 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion: 98 Resp: 634818
Ion Ratio Lower Upper
98 100
100 65.9 52.8 79.2

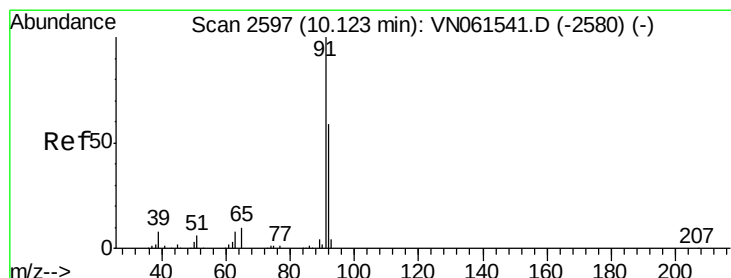
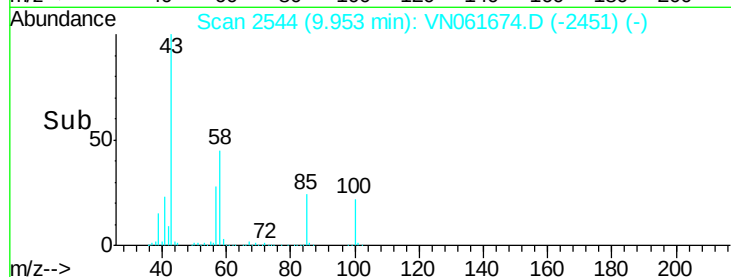
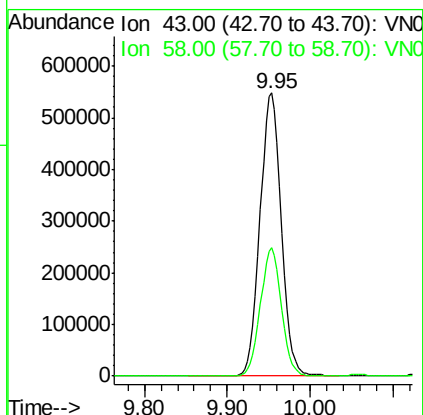
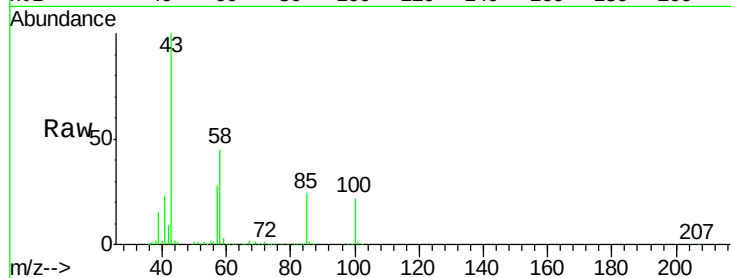




#51
 4-Methyl-2-Pentanone
 Concen: 245.46 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

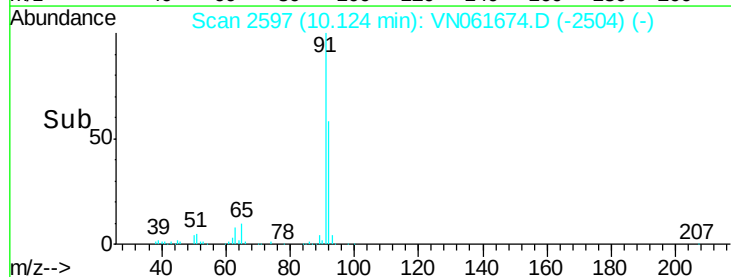
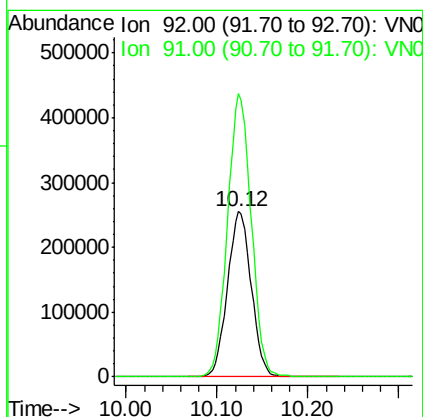
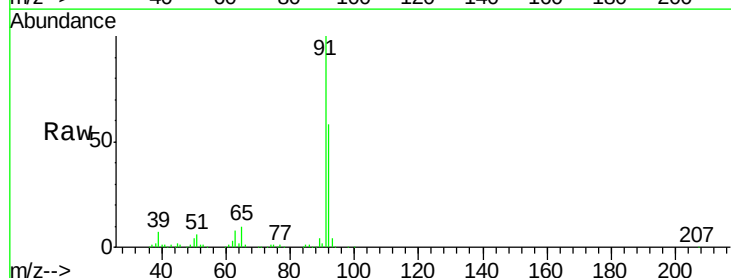
Instrument :
 MSVOA_N
 ClientSampled :
 VE-4-11MS

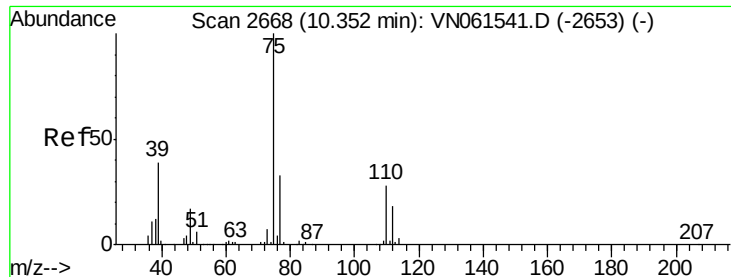
Tgt Ion: 43 Resp: 980077
 Ion Ratio Lower Upper
 43 100
 58 44.7 35.0 52.6



#52
 Toluene
 Concen: 47.06 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion: 92 Resp: 463354
 Ion Ratio Lower Upper
 92 100
 91 171.3 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 45.39 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

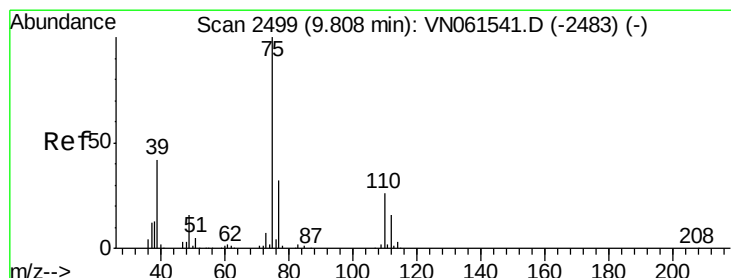
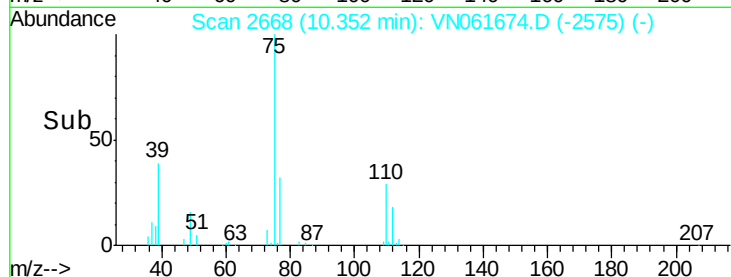
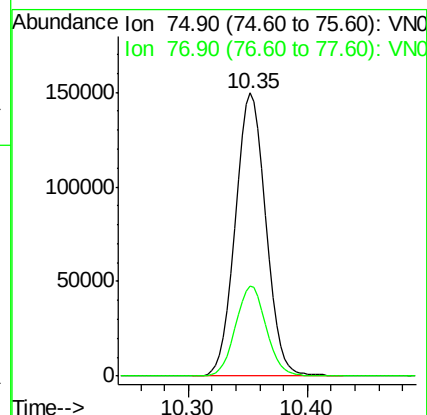
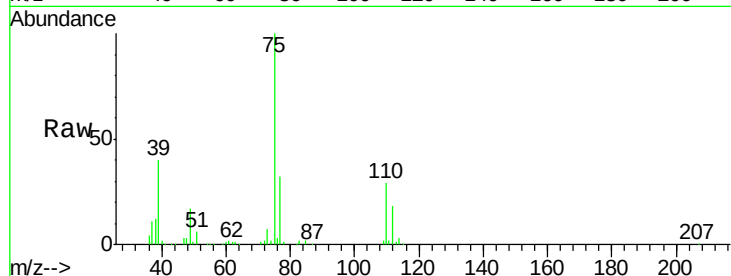
VE-4-11MS

Tgt Ion: 75 Resp: 266188

Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 44.73 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

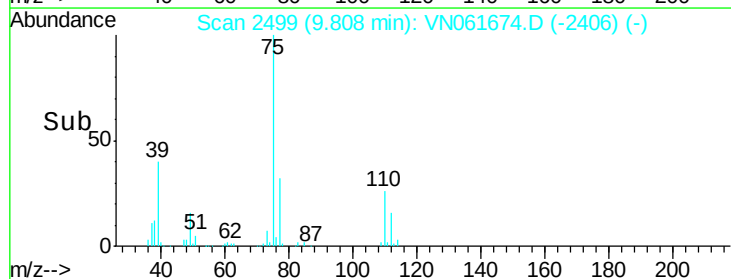
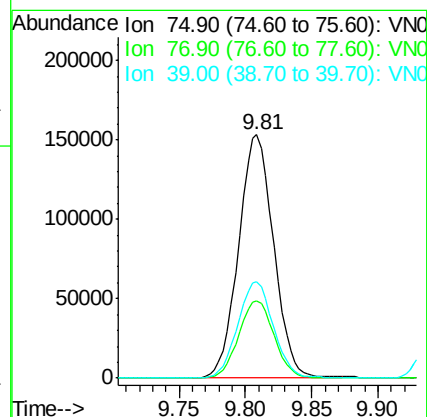
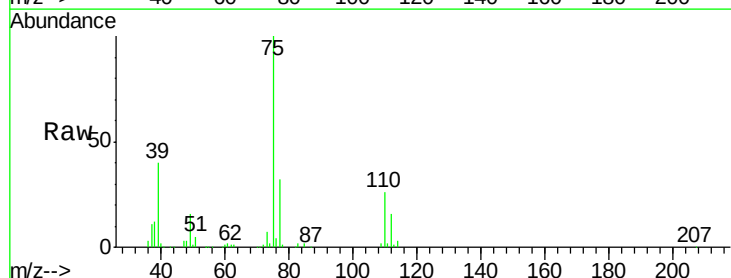
Tgt Ion: 75 Resp: 281998

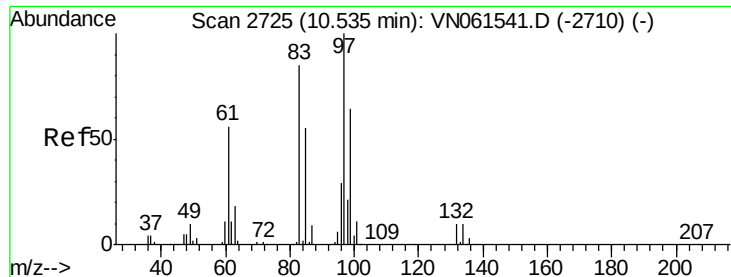
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2

39 39.7 33.8 50.6

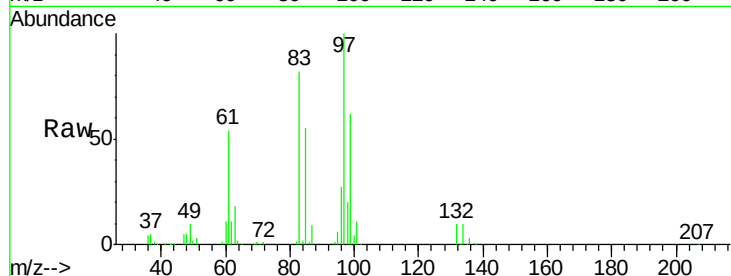




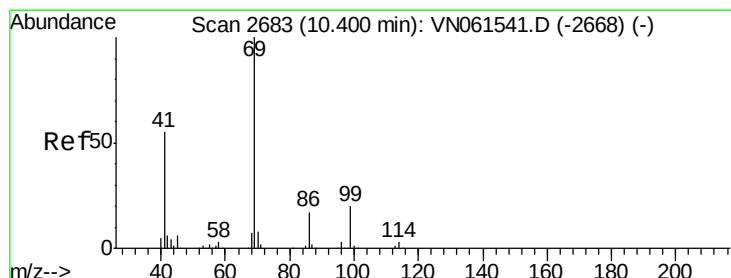
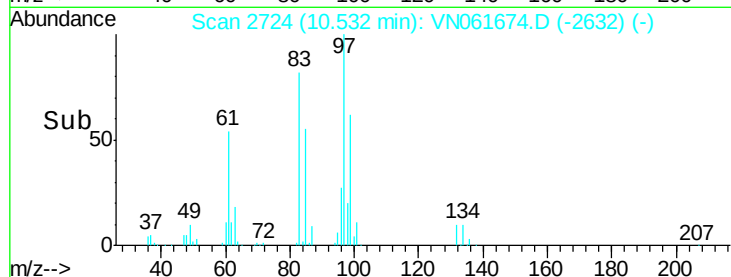
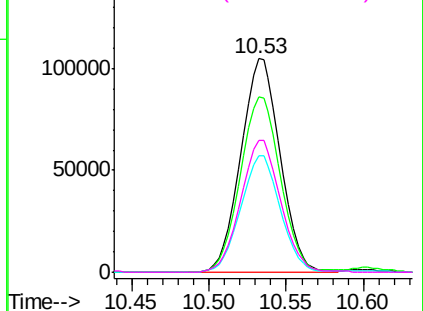
#55
 1,1,2-Trichloroethane
 Concen: 47.31 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Instrument :
 MSVOA_N
 ClientSampled :
 VE-4-11MS

Tgt Ion: 97 Resp: 185614
 Ion Ratio Lower Upper
 97 100
 83 82.0 68.1 102.1
 85 54.5 44.1 66.1
 99 62.0 51.1 76.7

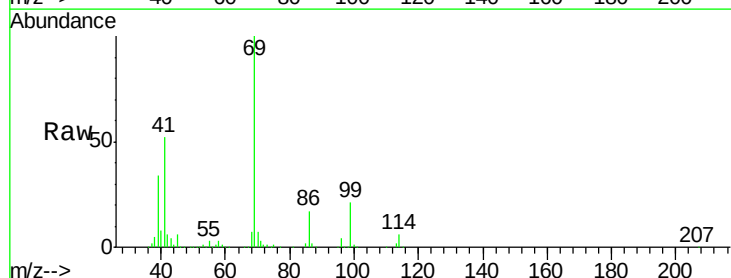


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

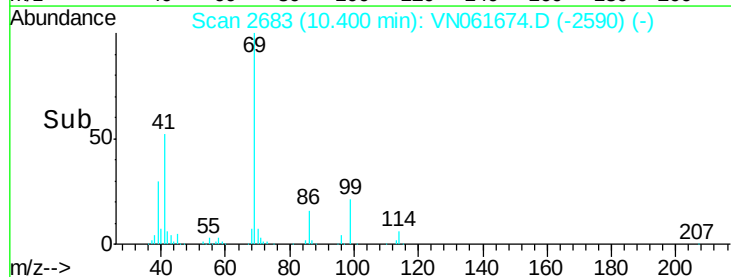
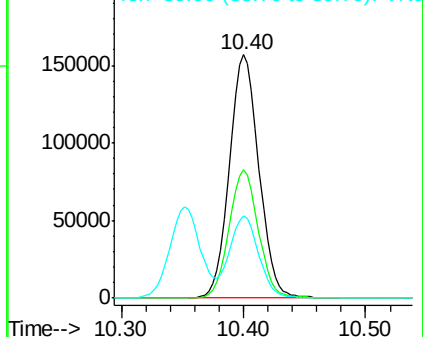


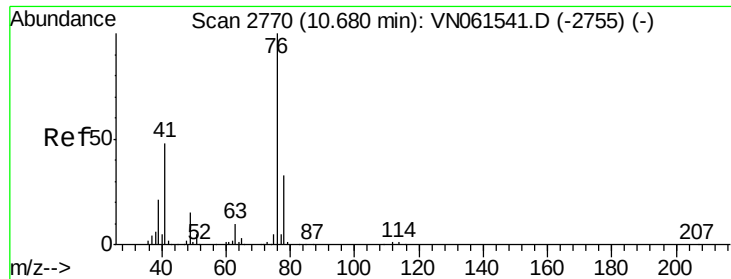
#56
 Ethyl methacrylate
 Concen: 48.24 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion: 69 Resp: 264384
 Ion Ratio Lower Upper
 69 100
 41 51.8 43.5 65.3
 39 33.4 27.0 40.6



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

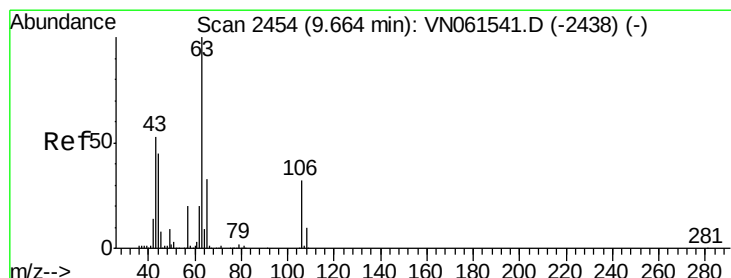
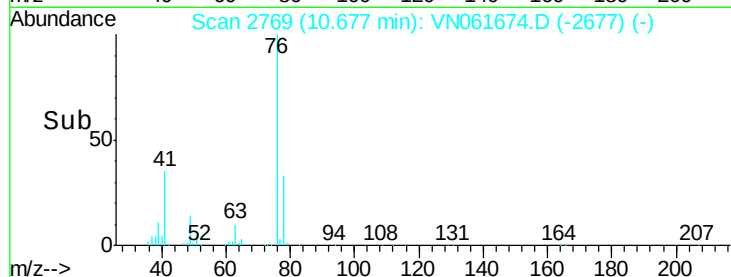
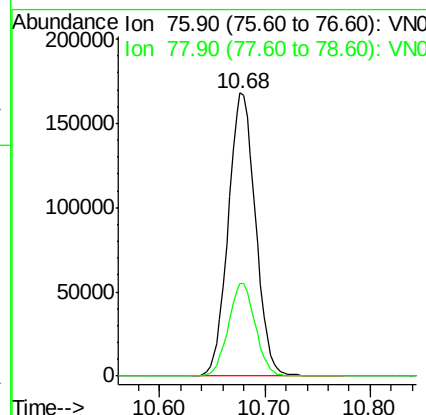
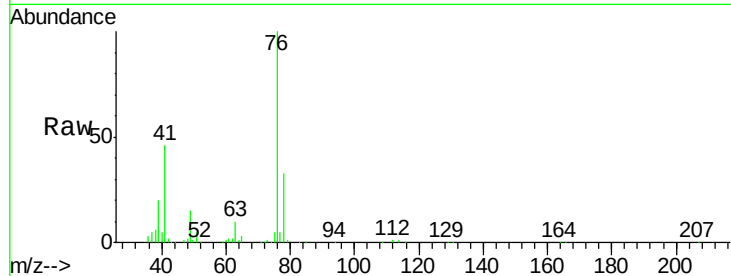




#57
 1,3-Dichloropropane
 Concen: 47.81 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

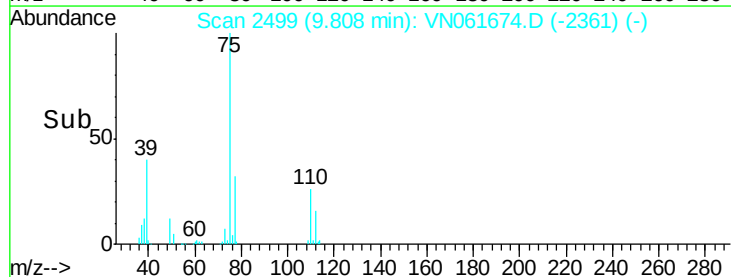
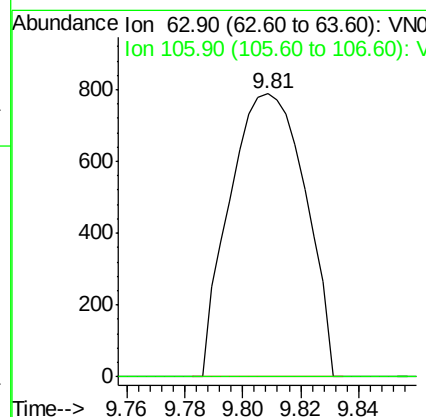
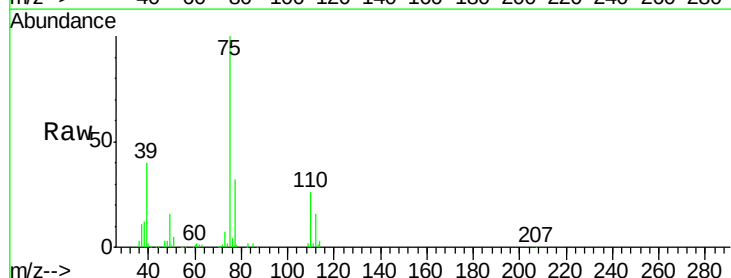
Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11MS

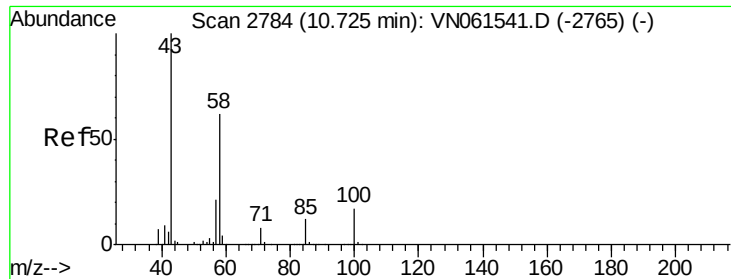
Tgt Ion: 76 Resp: 299967
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.61 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. 0.14 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion: 63 Resp: 1421
 Ion Ratio Lower Upper
 63 100
 106 0.0 25.9 38.9#

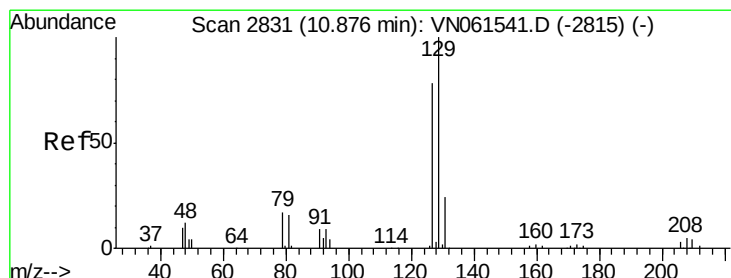
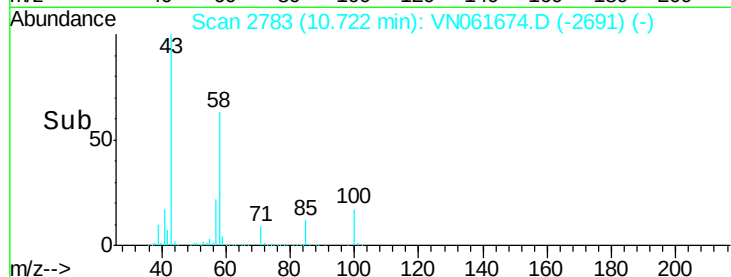
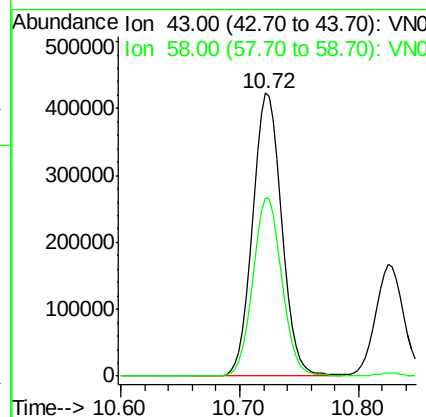
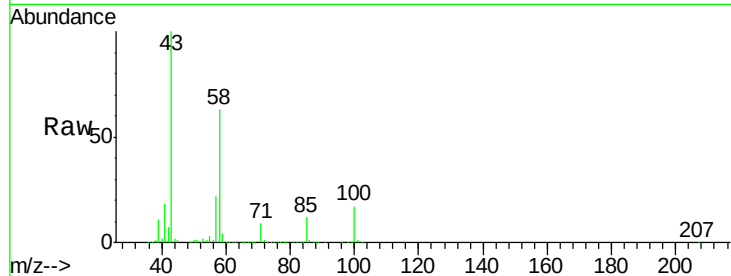




#59
2-Hexanone
Concen: 250.58 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

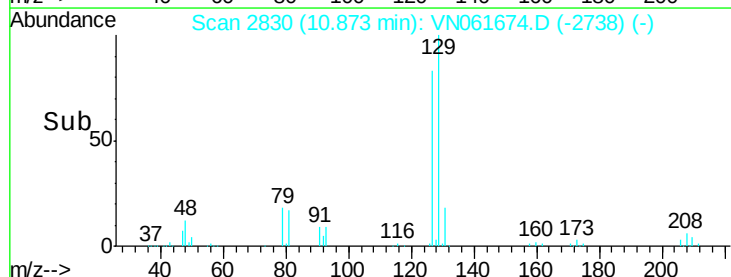
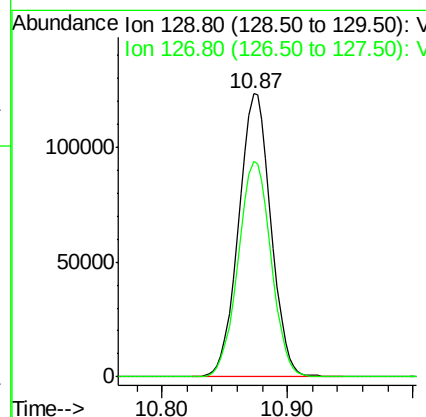
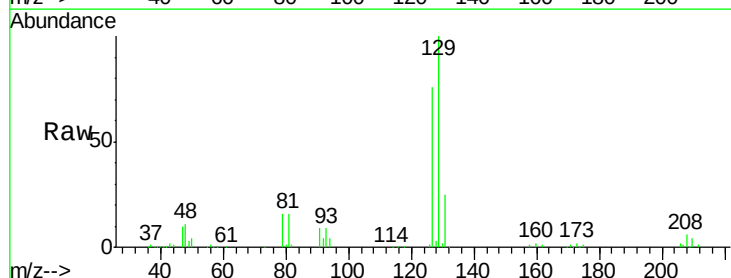
Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

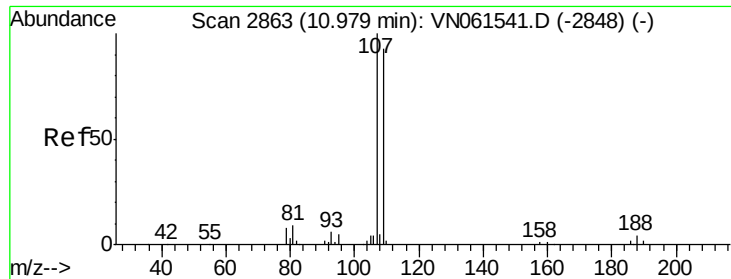
Tgt Ion: 43 Resp: 718549
Ion Ratio Lower Upper
43 100
58 62.7 30.7 92.1



#60
Dibromochloromethane
Concen: 49.35 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion: 129 Resp: 220089
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.3

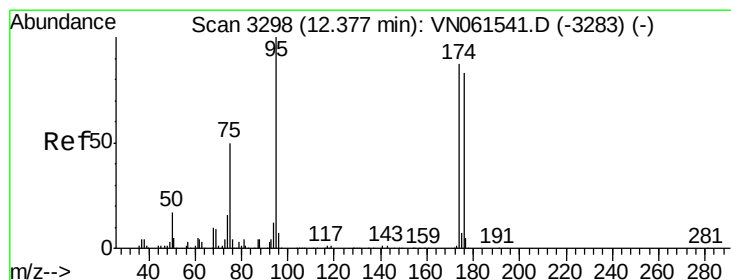
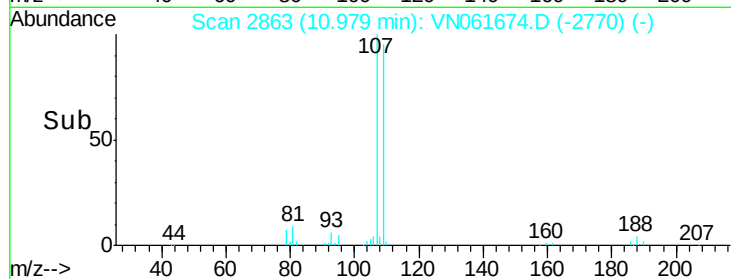
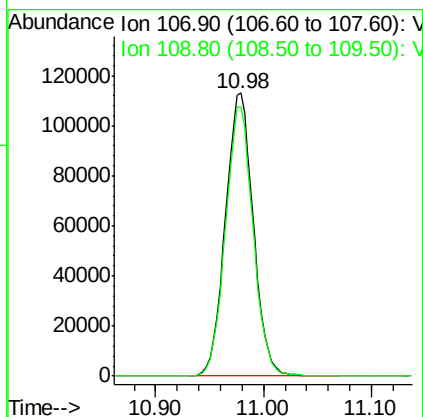
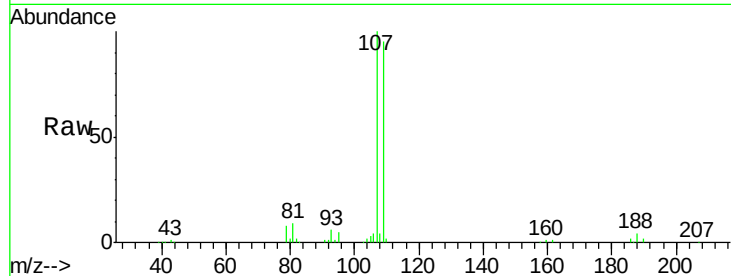




#61
 1,2-Dibromoethane
 Concen: 49.68 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

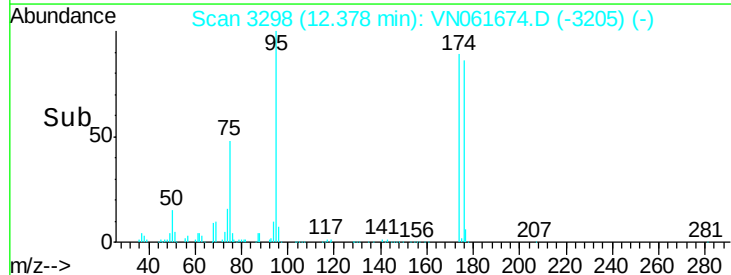
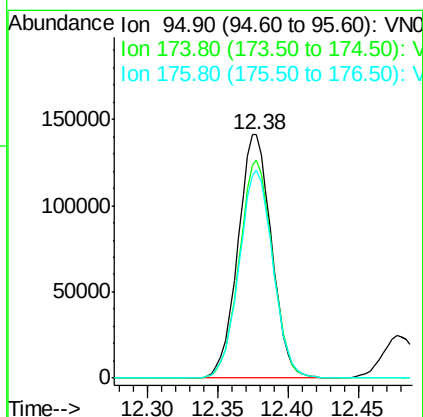
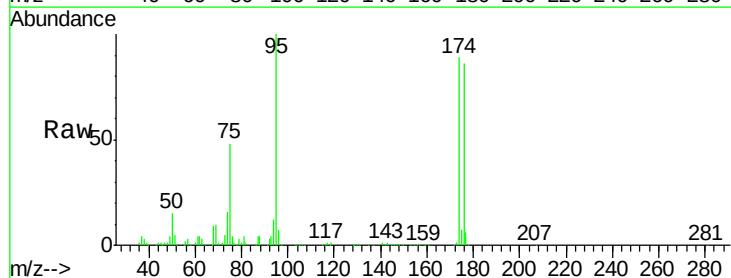
Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11MS

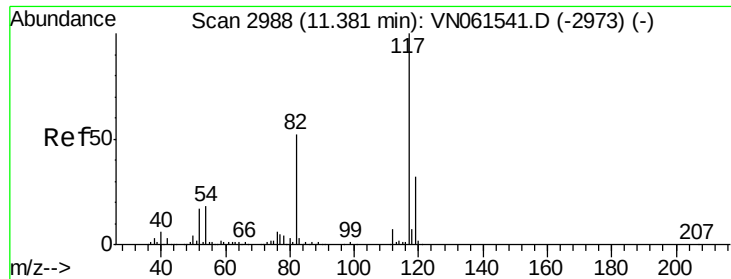
Tgt Ion: 107 Resp: 203286
 Ion Ratio Lower Upper
 107 100
 109 94.4 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 49.77 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion: 95 Resp: 235757
 Ion Ratio Lower Upper
 95 100
 174 89.0 0.0 172.8
 176 86.1 0.0 164.8

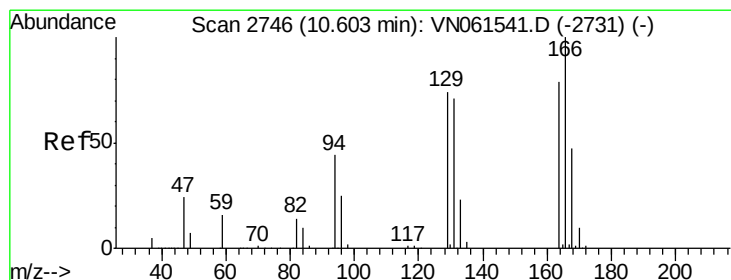
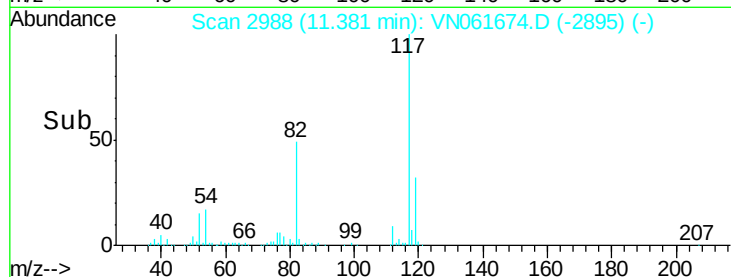
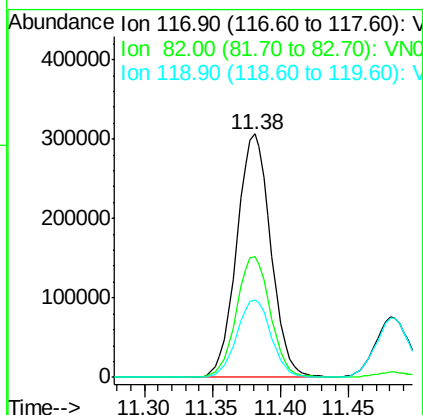
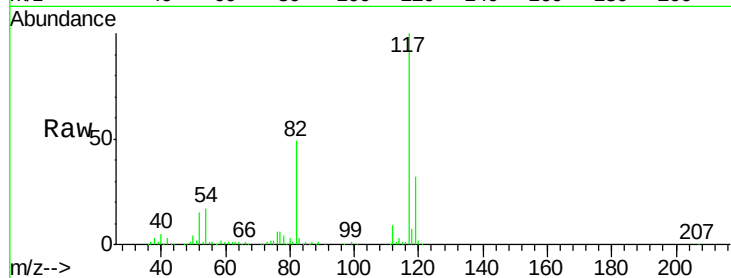




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

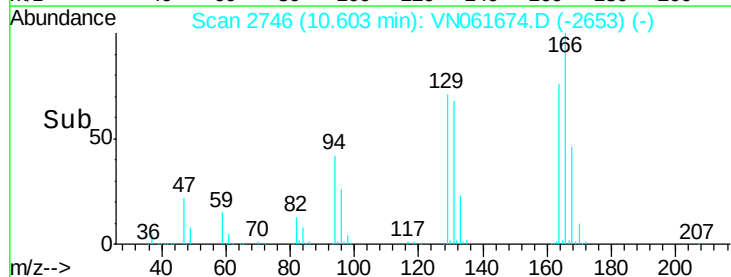
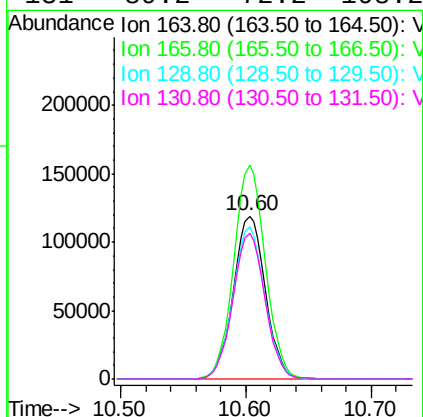
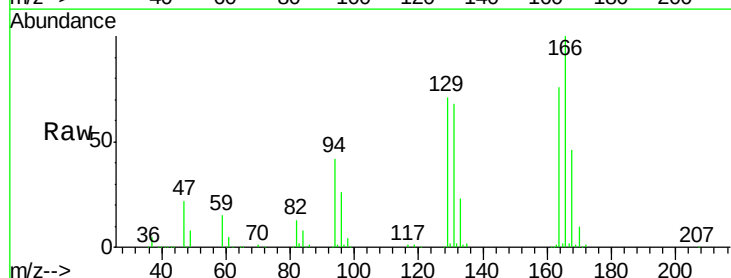
Instrument :
MSVOA_N
ClientSampleId :
VE-4-11MS

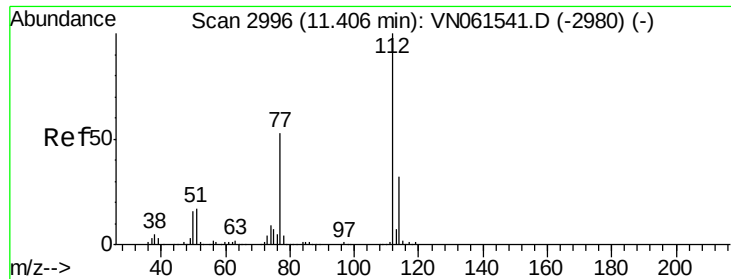
Tgt Ion:117 Resp: 531048
Ion Ratio Lower Upper
117 100
82 49.3 41.5 62.3
119 31.9 25.6 38.4



#64
Tetrachloroethene
Concen: 42.31 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion:164 Resp: 211493
Ion Ratio Lower Upper
164 100
166 131.0 101.5 152.3
129 93.1 74.9 112.3
131 89.2 72.2 108.2





#65

Chlorobenzene

Concen: 47.23 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

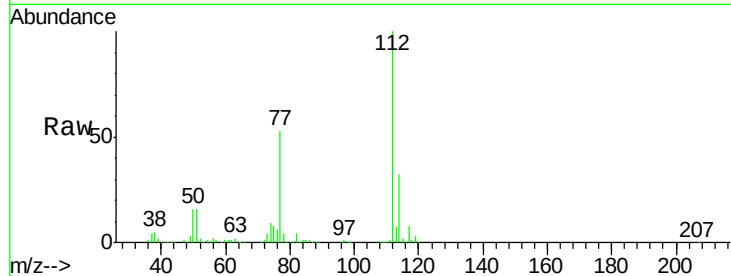
VE-4-11MS

Tgt Ion:112 Resp: 521399

Ion Ratio Lower Upper

112 100

114 32.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.41

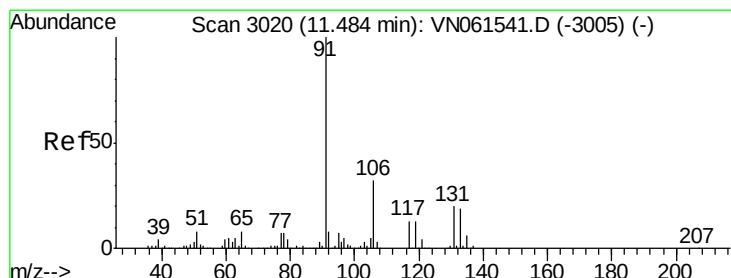
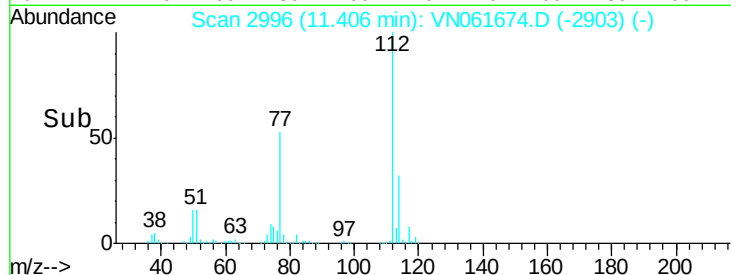
300000

200000

100000

0

Time--> 11.30 11.40 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 48.55 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

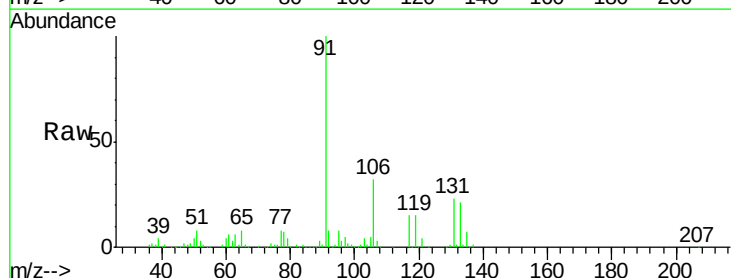
Tgt Ion:131 Resp: 199569

Ion Ratio Lower Upper

131 100

133 95.0 47.4 142.2

119 65.0 32.6 97.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.48

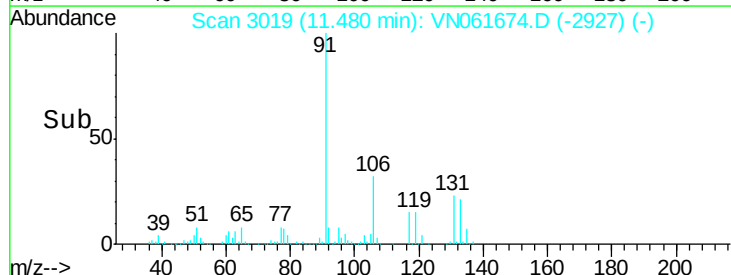
150000

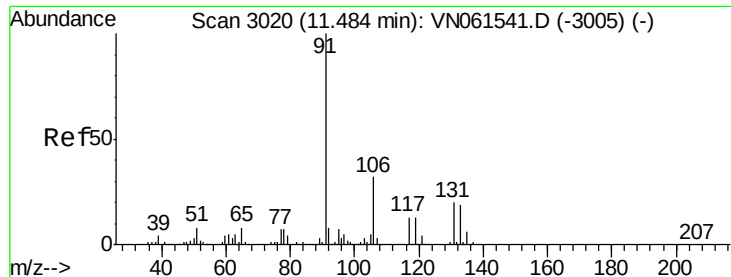
100000

50000

0

Time--> 11.40 11.45 11.50 11.55

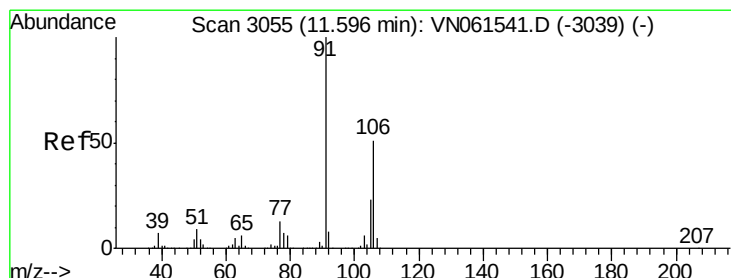
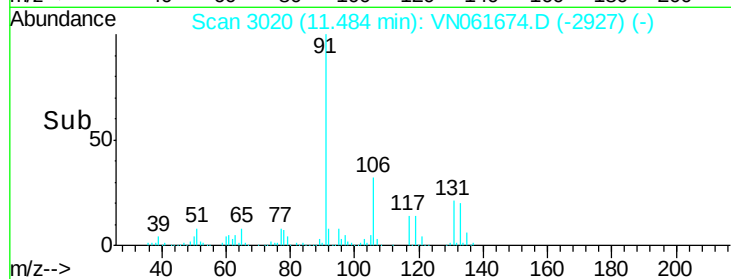
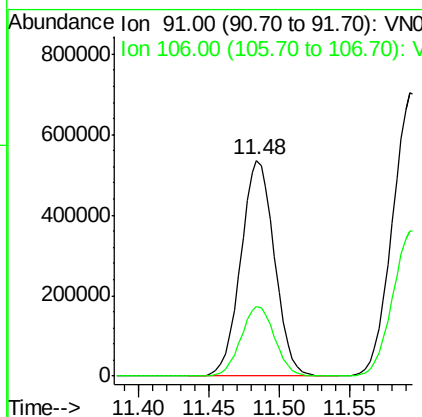
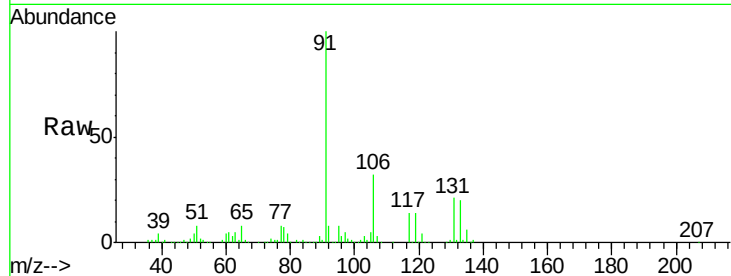




#67
Ethyl Benzene
 Concen: 46.92 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

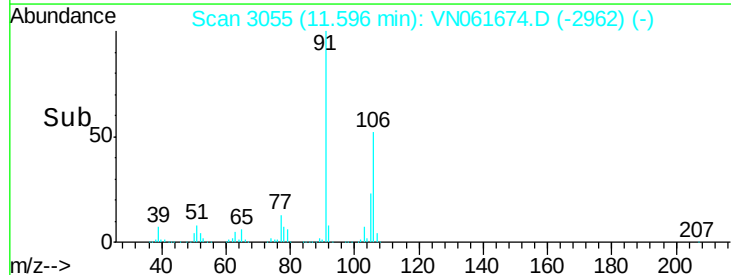
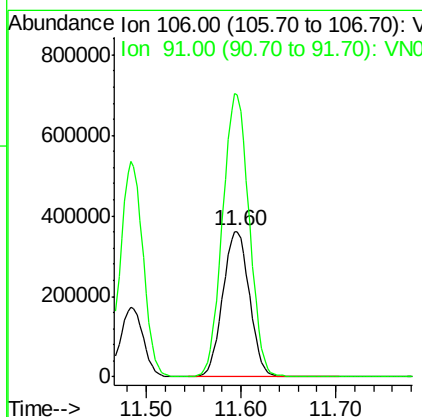
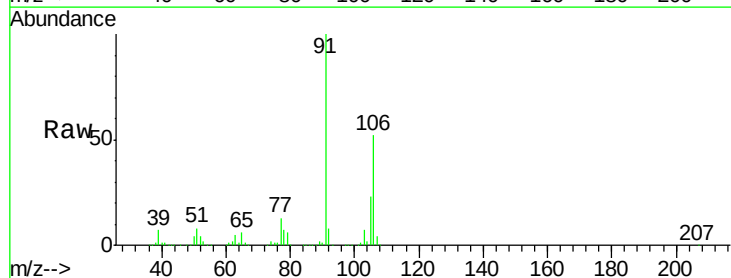
Instrument :
 MSVOA_N
 ClientSampled :
 VE-4-11MS

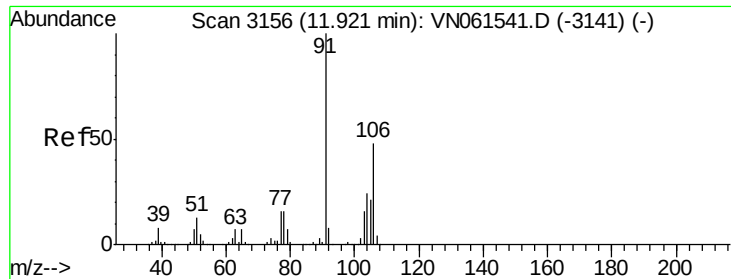
Tgt Ion: 91 Resp: 895274
 Ion Ratio Lower Upper
 91 100
 106 32.3 25.6 38.4



#68
m/p-Xylenes
 Concen: 93.45 ug/l
 RT: 11.60 min Scan# 3055
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion: 106 Resp: 706935
 Ion Ratio Lower Upper
 106 100
 91 193.9 156.2 234.4

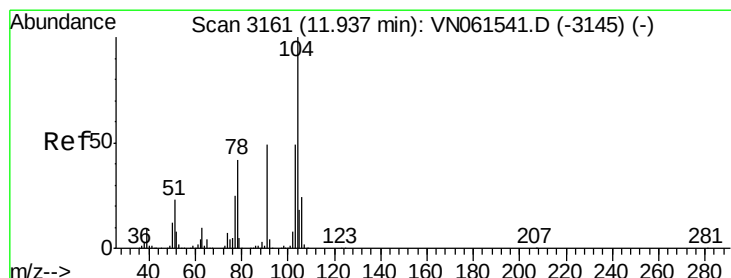
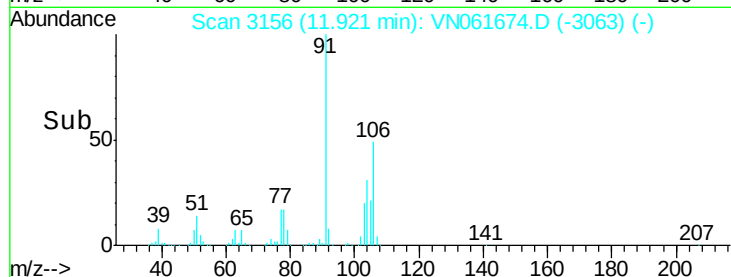
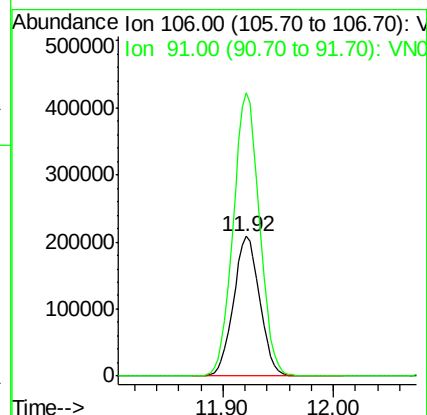
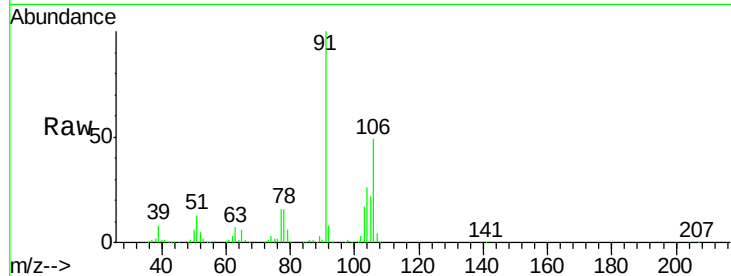




#69
o-Xylene
Concen: 47.93 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

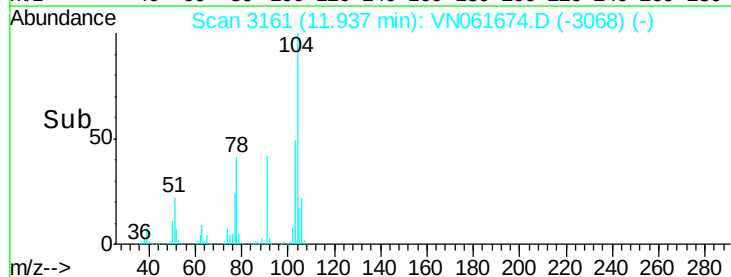
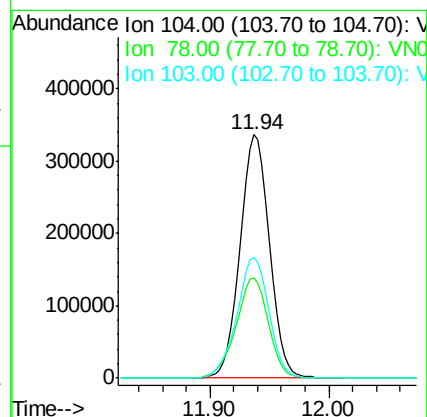
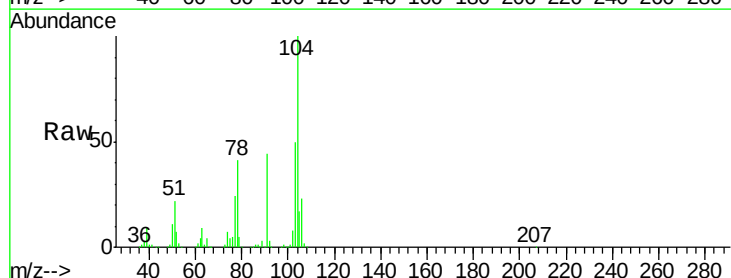
Instrument :
MSVOA_N
ClientSampled :
VE-4-11MS

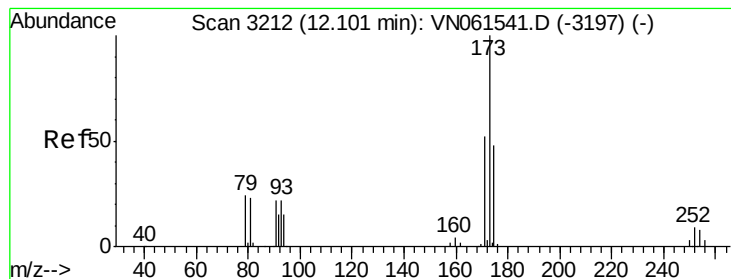
Tgt Ion:106 Resp: 344404
Ion Ratio Lower Upper
106 100
91 203.2 103.3 309.8



#70
Styrene
Concen: 48.52 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061674.D
Acq: 5 Jun 2020 17:04

Tgt Ion:104 Resp: 577381
Ion Ratio Lower Upper
104 100
78 45.2 37.4 56.0
103 54.0 42.3 63.5





#71

Bromoform

Concen: 50.82 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

VE-4-11MS

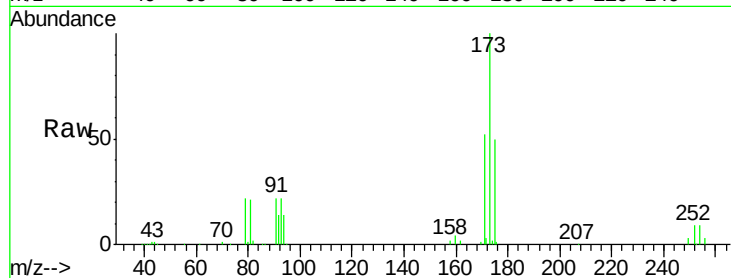
Tgt Ion:173 Resp: 160956

Ion Ratio Lower Upper

173 100

175 48.9 24.4 73.2

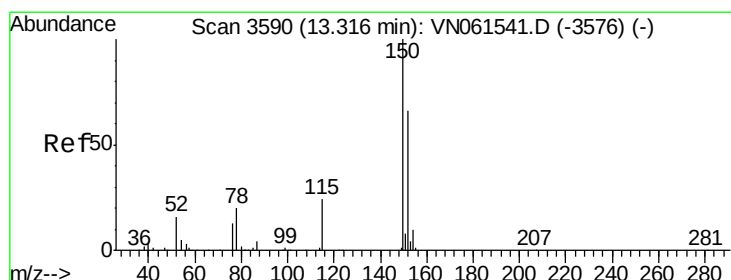
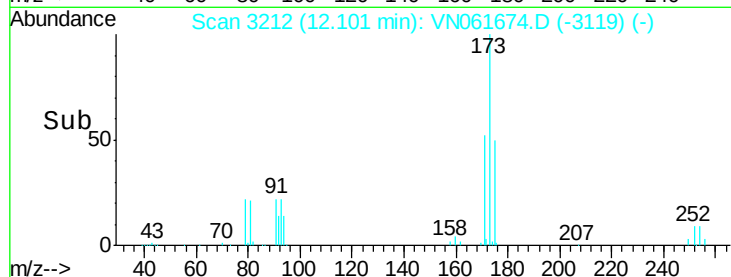
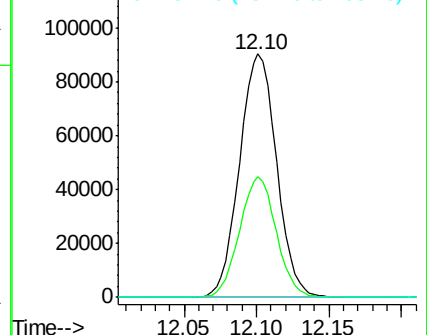
254 0.0 0.0 0.0



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: 50.00 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

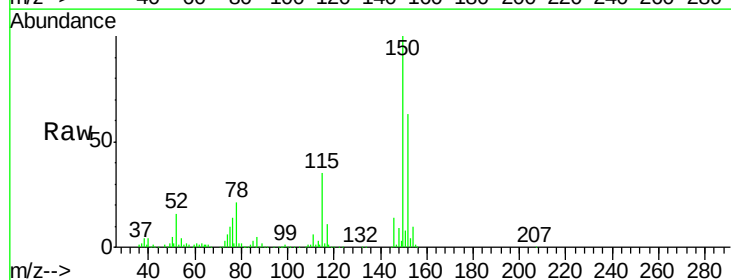
Tgt Ion:152 Resp: 272074

Ion Ratio Lower Upper

152 100

115 55.6 28.0 84.0

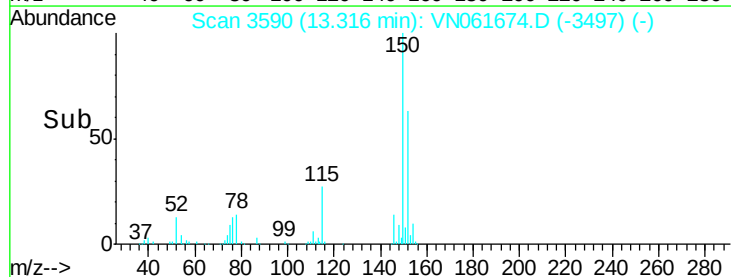
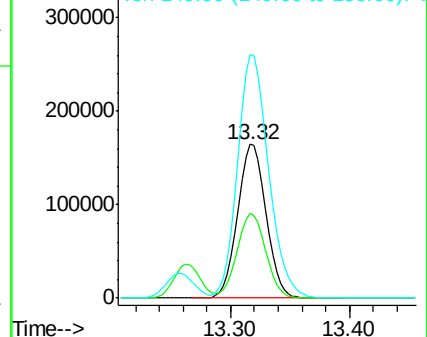
150 173.3 0.0 344.0

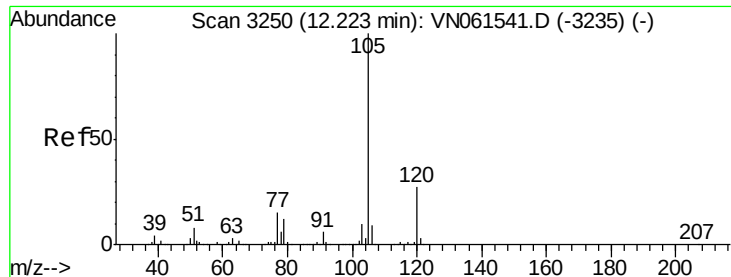


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.03 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

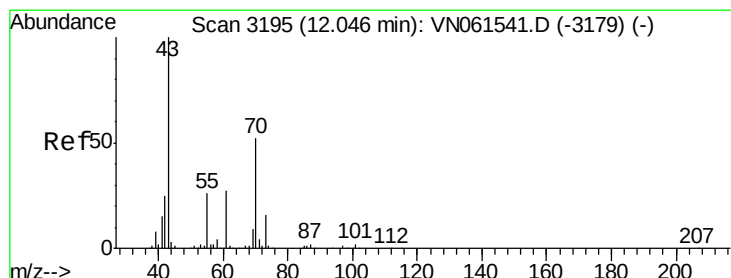
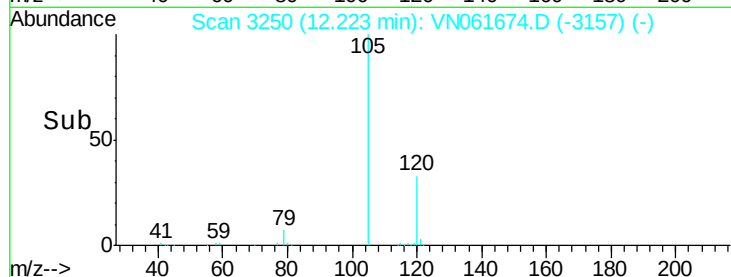
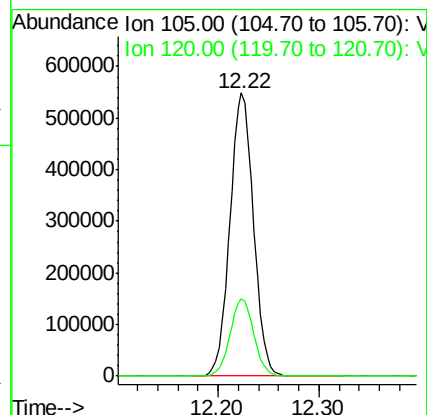
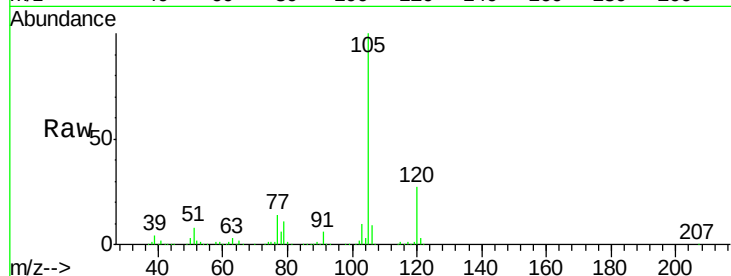
VE-4-11MS

Tgt Ion: 105 Resp: 894147

Ion Ratio Lower Upper

105 100

120 27.4 13.8 41.3



#74

N-ethyl acetate

Concen: 45.19 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Tgt Ion: 43 Resp: 282587

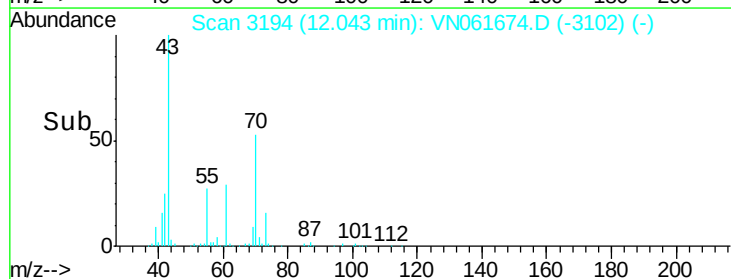
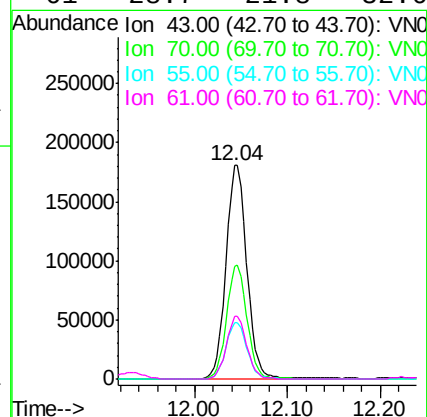
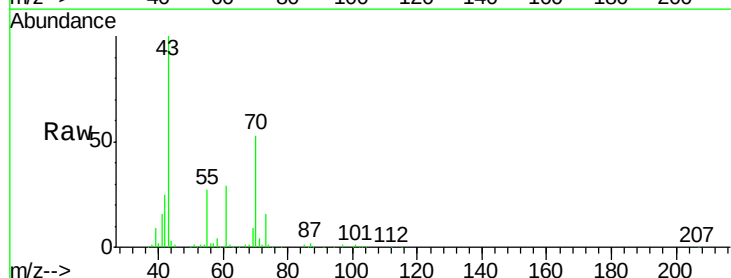
Ion Ratio Lower Upper

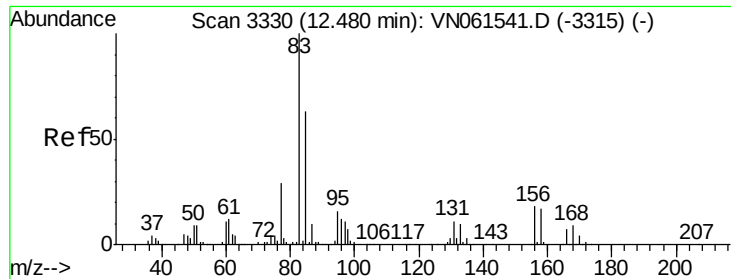
43 100

70 52.5 40.5 60.7

55 27.0 20.6 31.0

61 28.7 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.50 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

VE-4-11MS

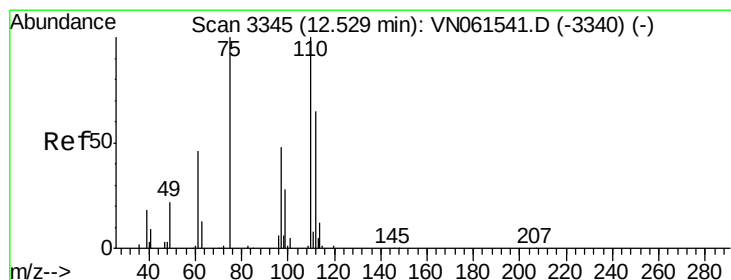
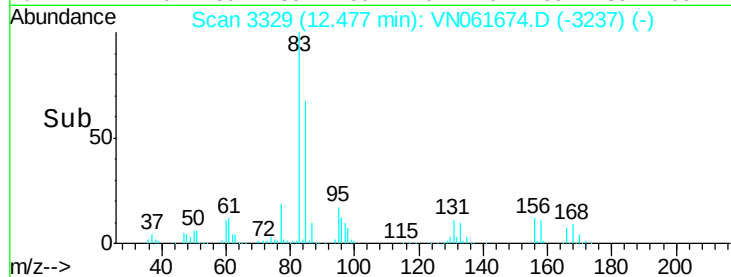
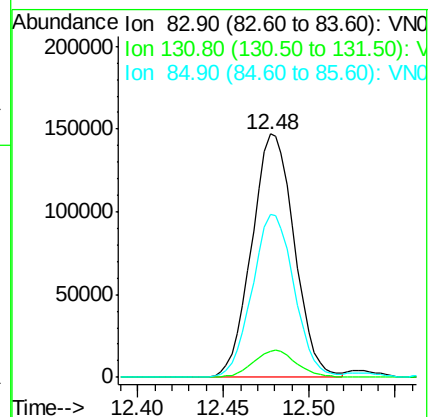
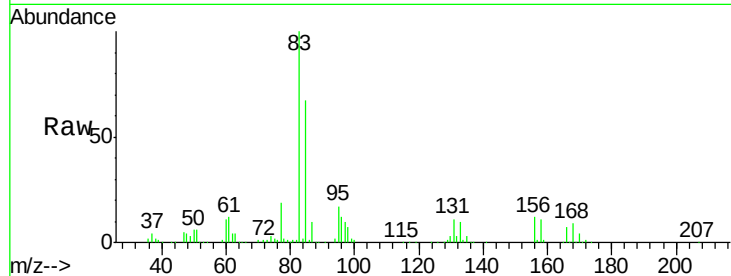
Tgt Ion: 83 Resp: 253222

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.5

85 65.9 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 66.42 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061674.D

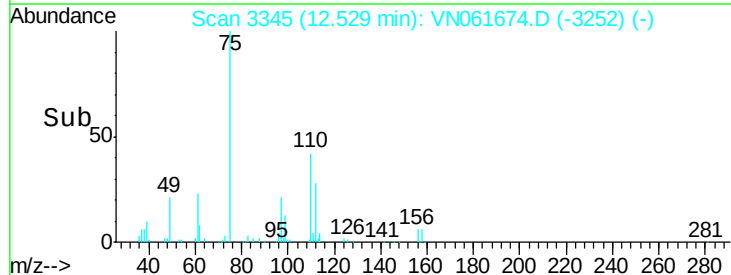
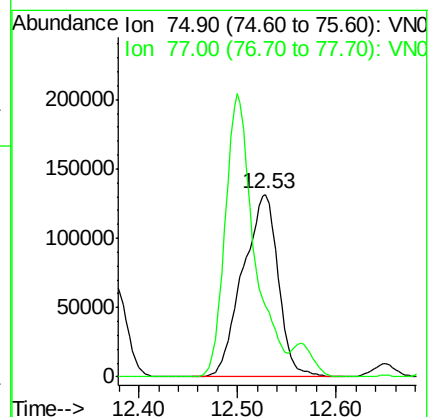
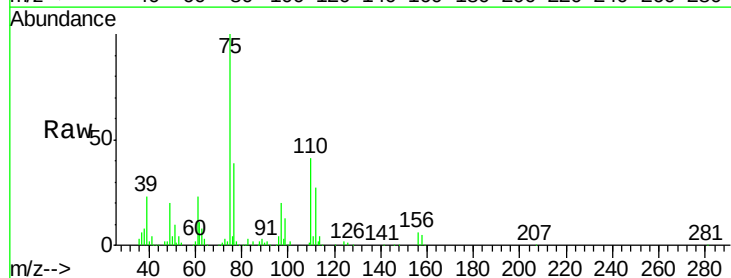
Acq: 5 Jun 2020 17:04

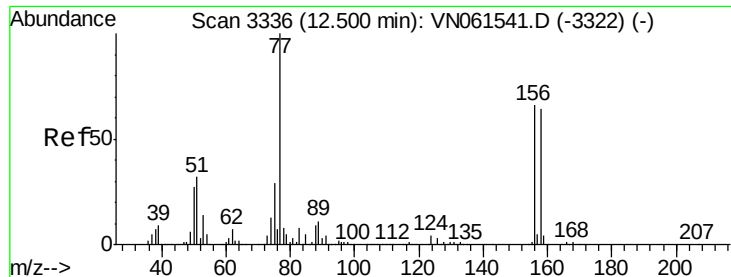
Tgt Ion: 75 Resp: 328616

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.85 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

VE-4-11MS

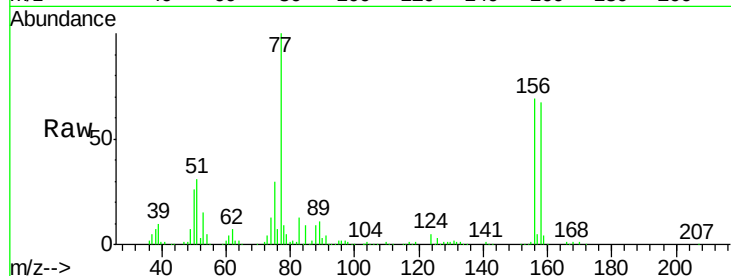
Tgt Ion:156 Resp: 242558

Ion Ratio Lower Upper

156 100

77 174.5 90.9 272.7

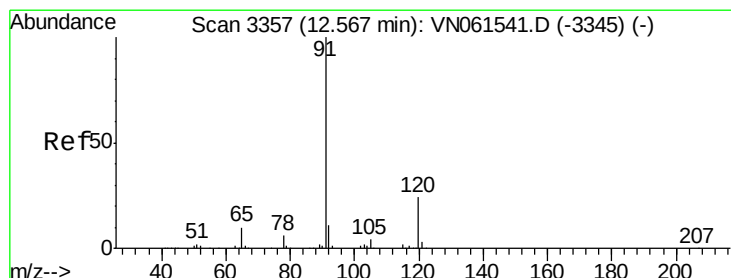
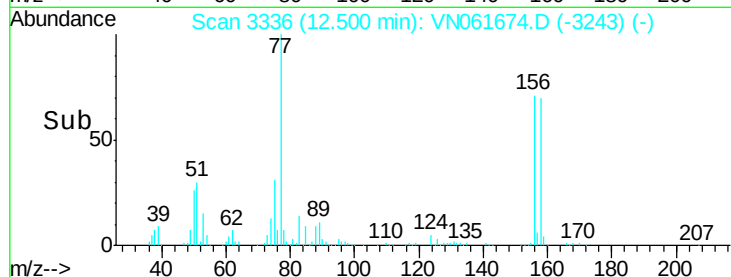
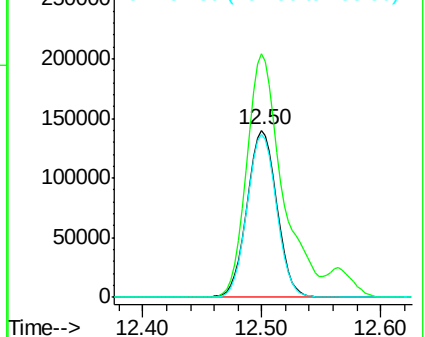
158 96.8 48.4 145.3



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: 44.81 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061674.D

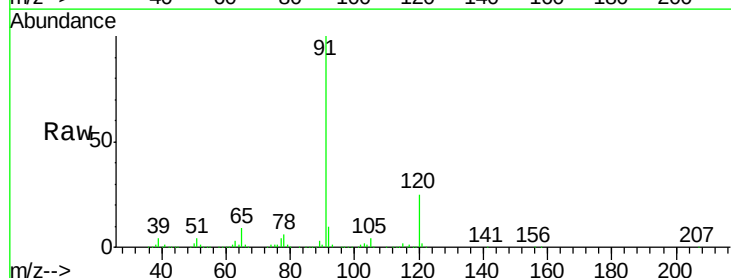
Acq: 5 Jun 2020 17:04

Tgt Ion: 91 Resp: 993288

Ion Ratio Lower Upper

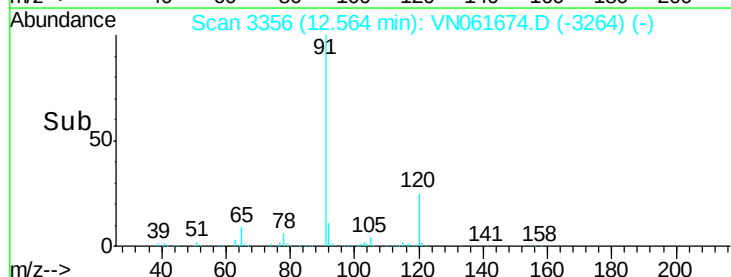
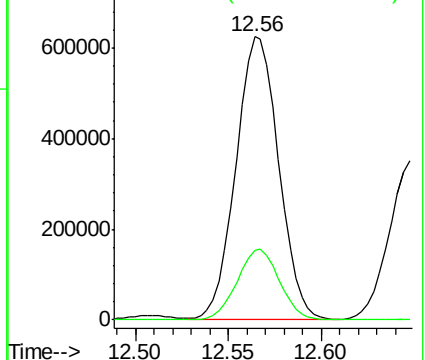
91 100

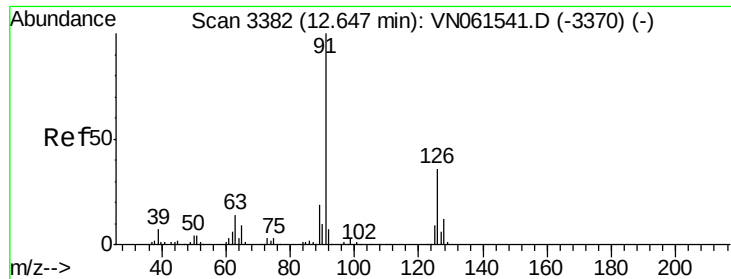
120 24.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

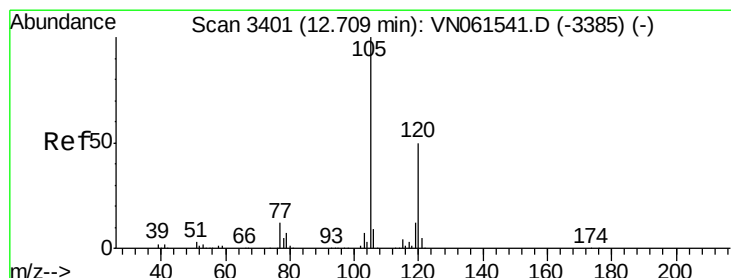
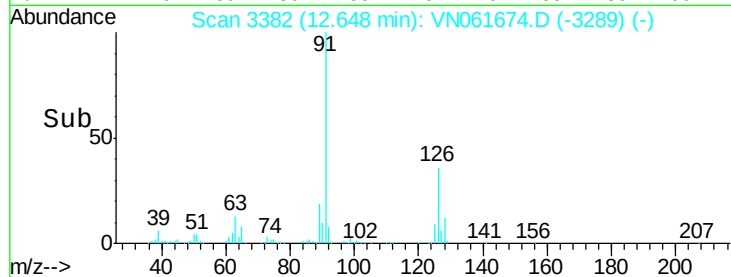
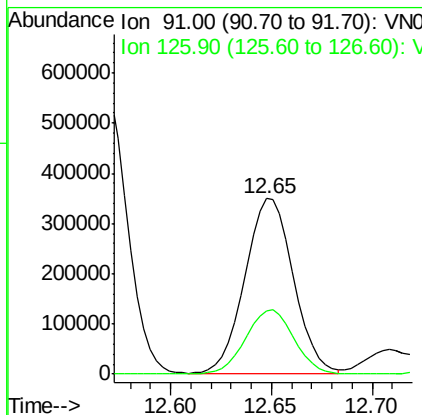
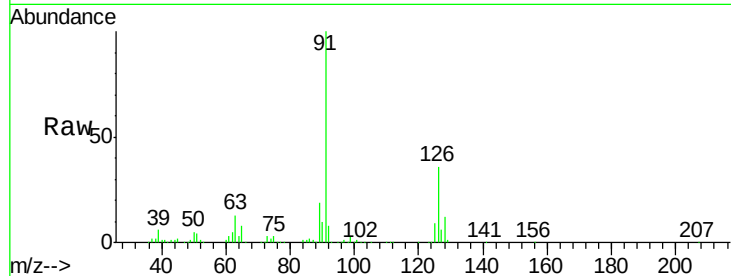




#79
 2-Chlorotoluene
 Concen: 44.35 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

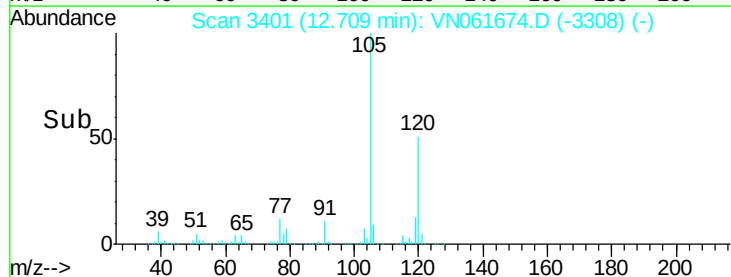
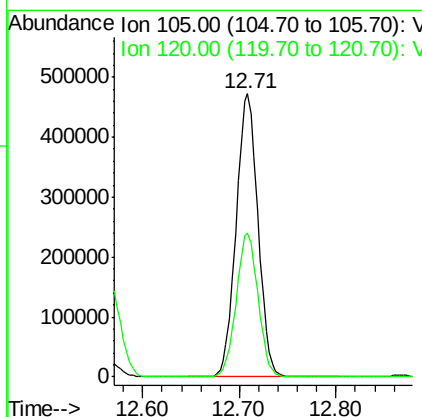
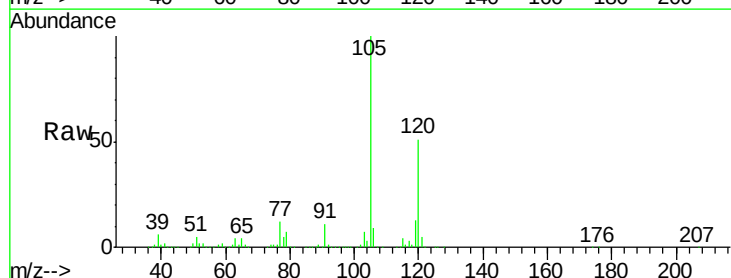
Instrument :
 MSVOA_N
 ClientSampled :
 VE-4-11MS

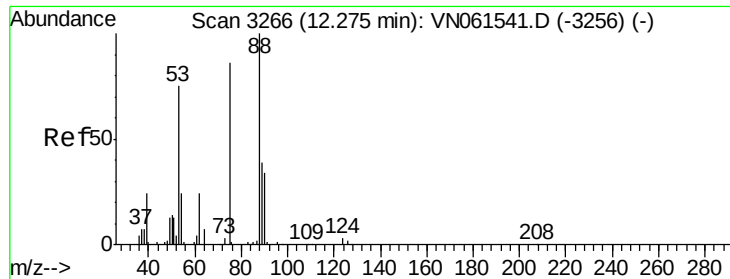
Tgt Ion: 91 Resp: 586226
 Ion Ratio Lower Upper
 91 100
 126 36.8 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 44.41 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion: 105 Resp: 737131
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 43.32 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

VE-4-11MS

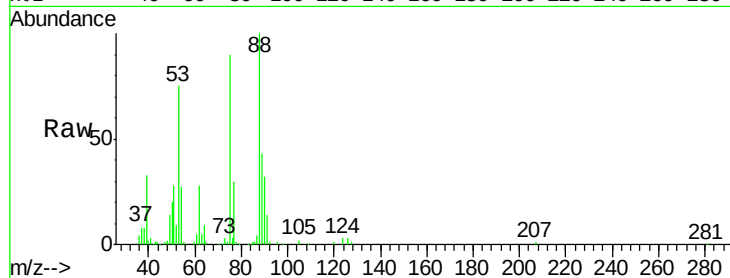
Tgt Ion: 75 Resp: 83807

Ion Ratio Lower Upper

75 100

53 83.7 67.8 101.8

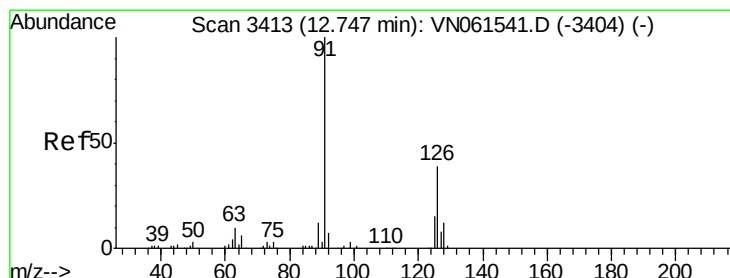
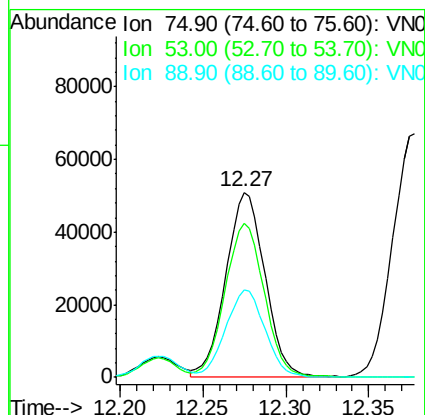
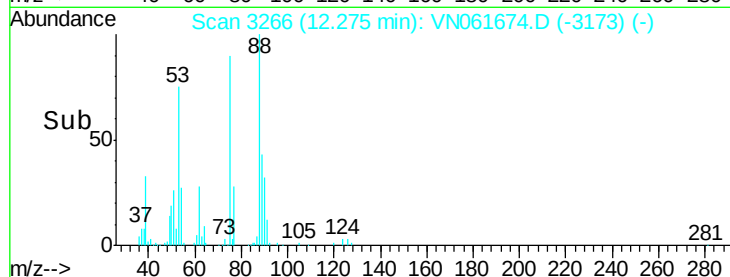
89 47.6 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 44.26 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061674.D

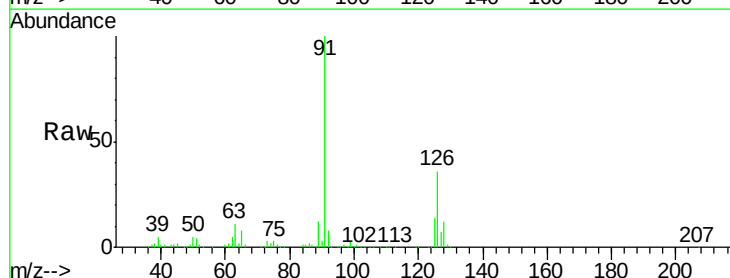
Acq: 5 Jun 2020 17:04

Tgt Ion: 91 Resp: 615482

Ion Ratio Lower Upper

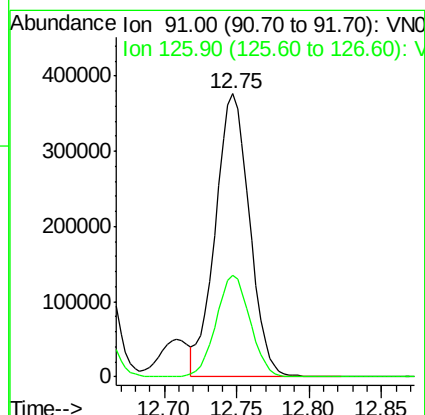
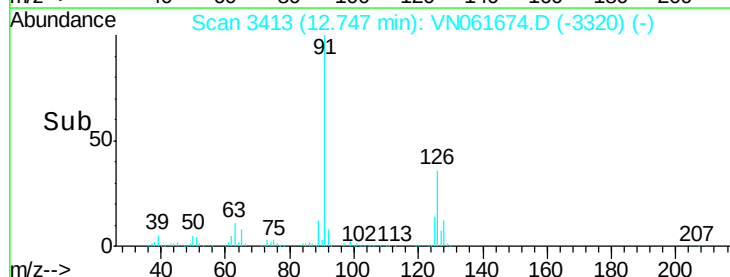
91 100

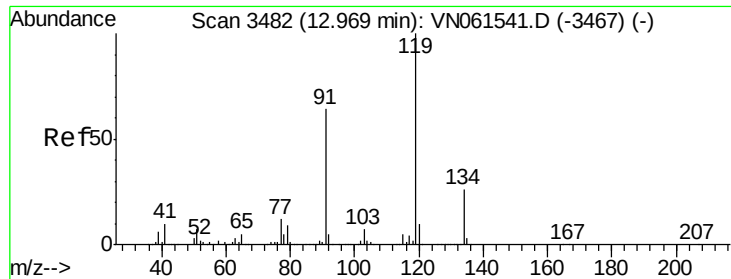
126 35.9 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

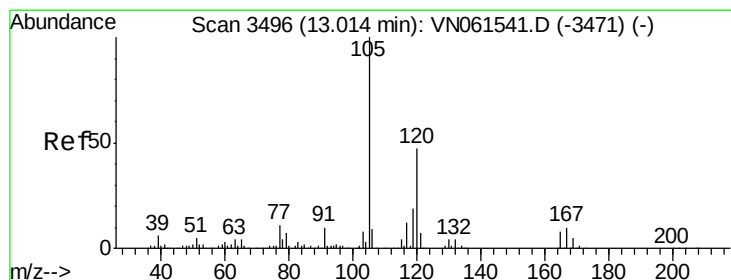
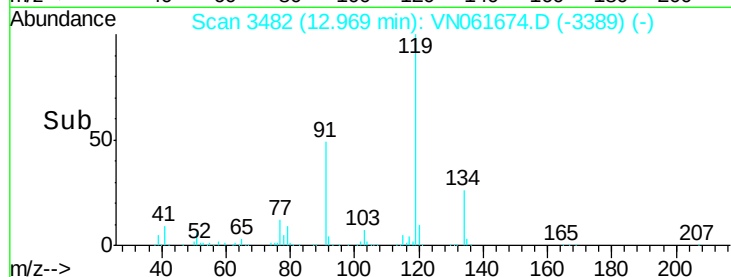
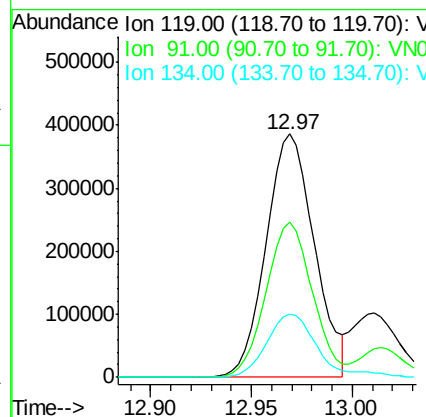
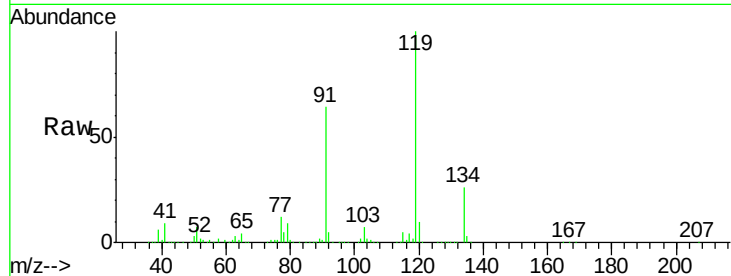




#83
 tert-Butylbenzene
 Concen: 43.90 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

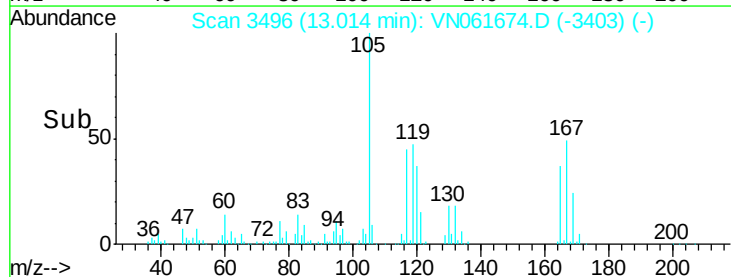
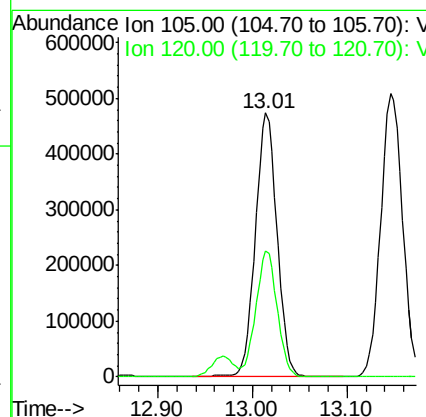
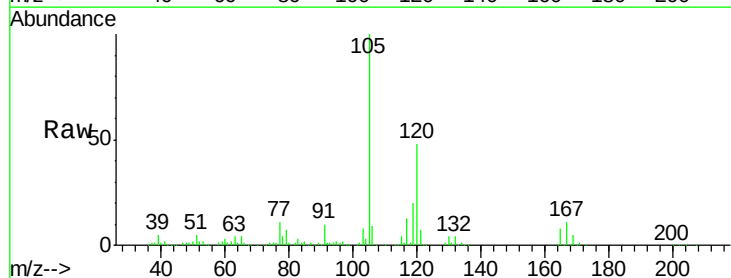
Instrument :
 MSVOA_N
 ClientSampled :
 VE-4-11MS

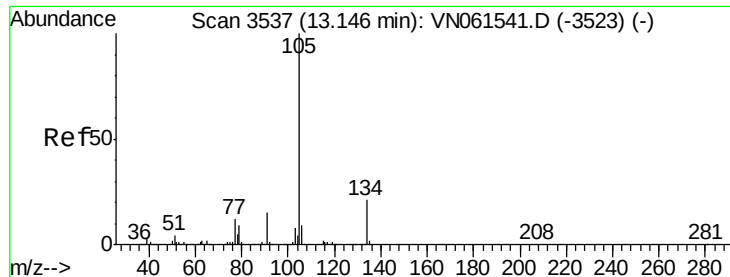
Tgt Ion:119 Resp: 643803
 Ion Ratio Lower Upper
 119 100
 91 61.8 31.3 93.8
 134 27.4 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 45.83 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion:105 Resp: 755645
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.2 69.5





#85

sec-Butylbenzene

Concen: 43.10 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

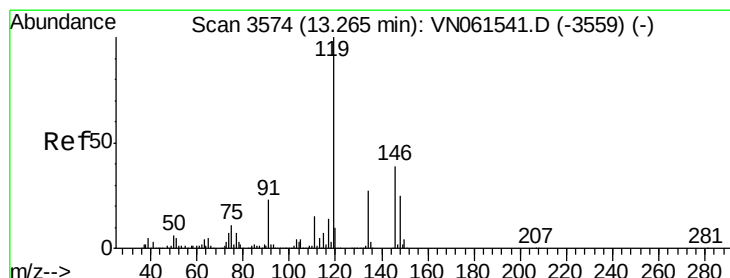
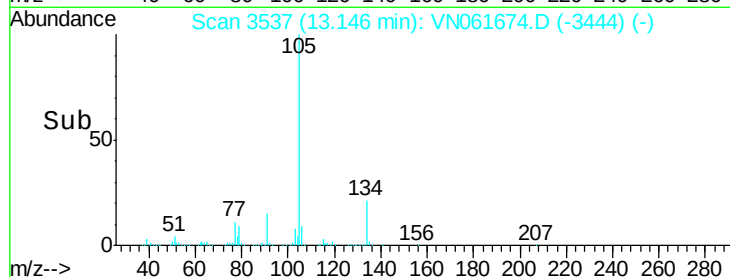
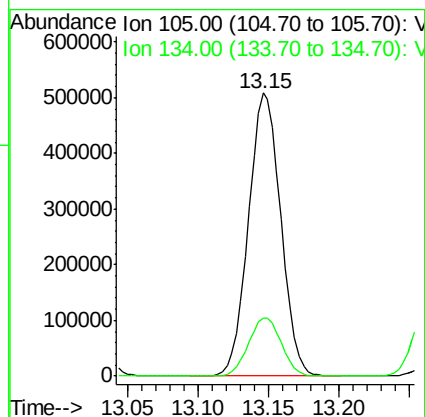
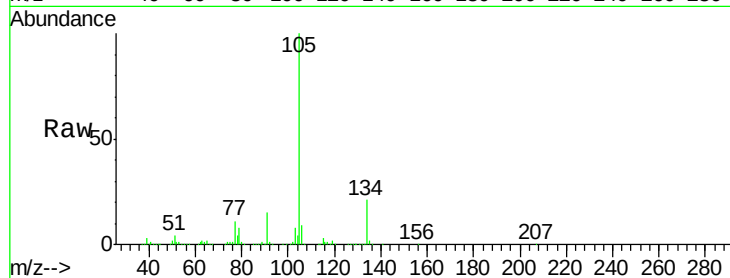
VE-4-11MS

Tgt Ion:105 Resp: 814389

Ion Ratio Lower Upper

105 100

134 21.1 10.7 31.9



#86

p-Isopropyltoluene

Concen: 43.93 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

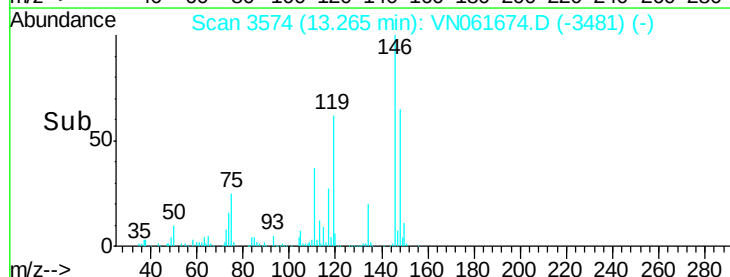
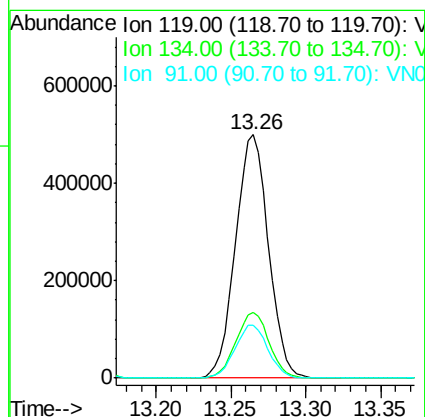
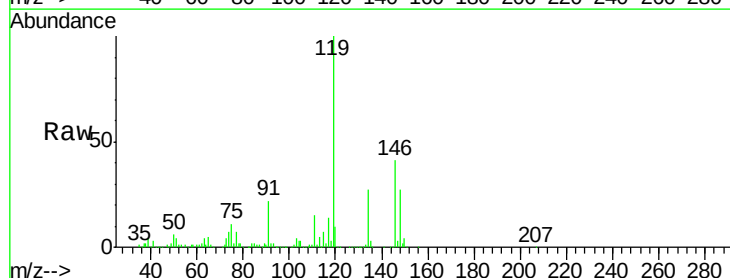
Tgt Ion:119 Resp: 764563

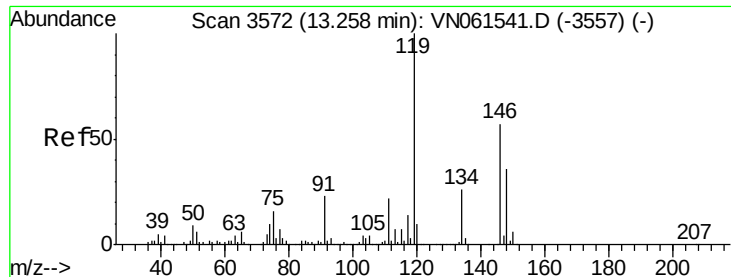
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 21.8 11.4 34.1

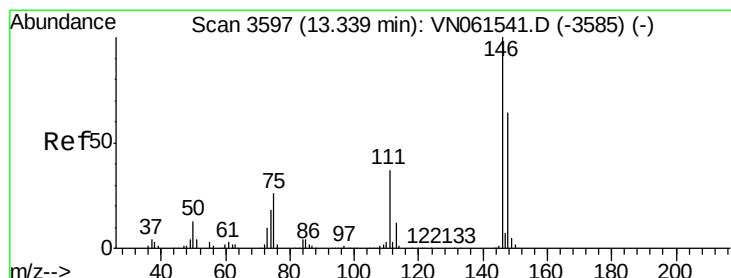
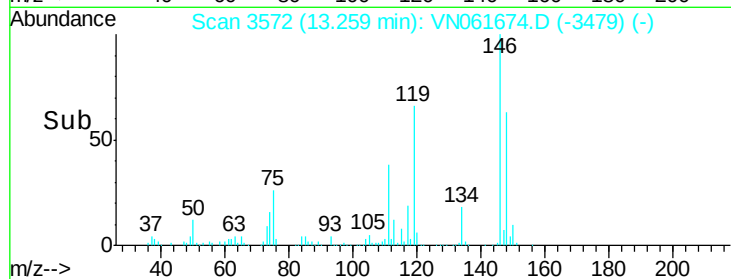
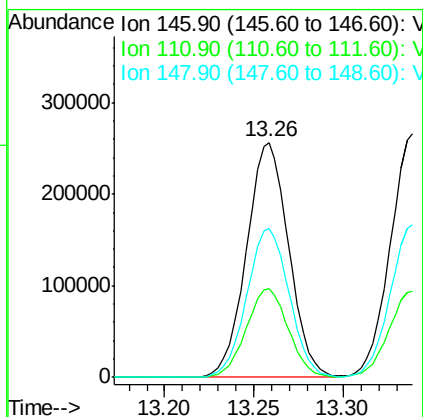
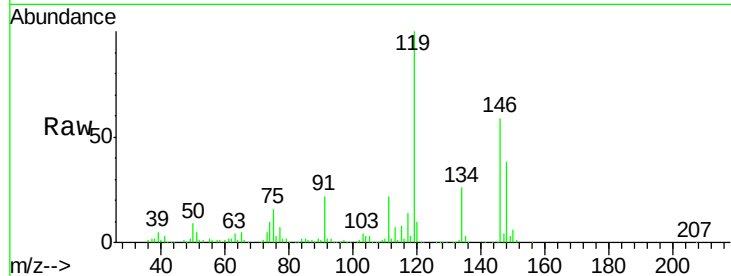




#87
 1,3-Dichlorobenzene
 Concen: 47.21 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

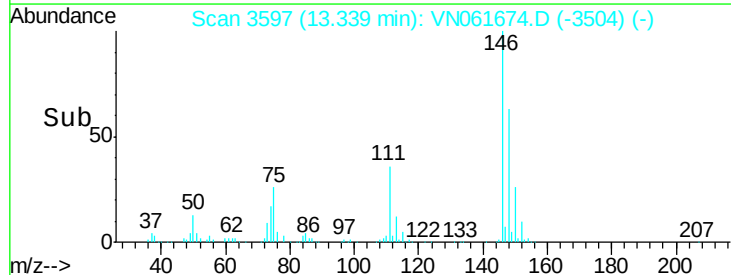
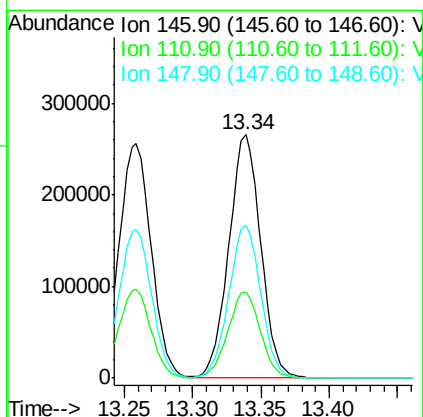
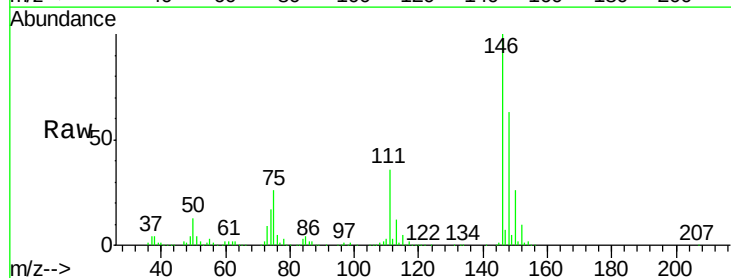
Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11MS

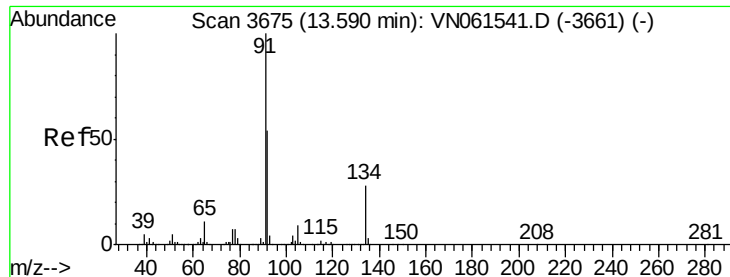
Tgt Ion:146 Resp: 423765
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.2 57.6
 148 63.9 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 47.11 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion:146 Resp: 430793
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.9 56.9
 148 63.3 31.8 95.3





#89

n-Butylbenzene

Concen: 42.44 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

VE-4-11MS

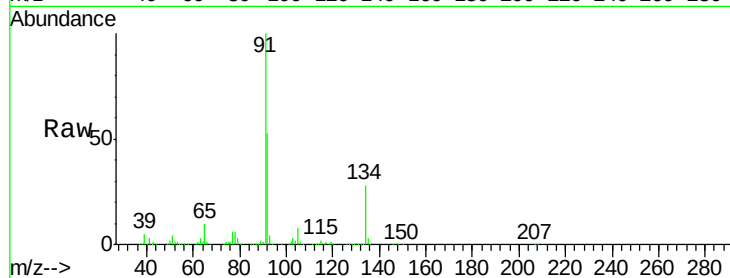
Tgt Ion: 91 Resp: 618611

Ion Ratio Lower Upper

91 100

92 53.4 27.2 81.6

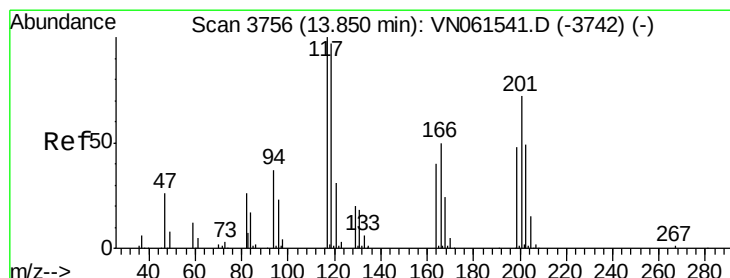
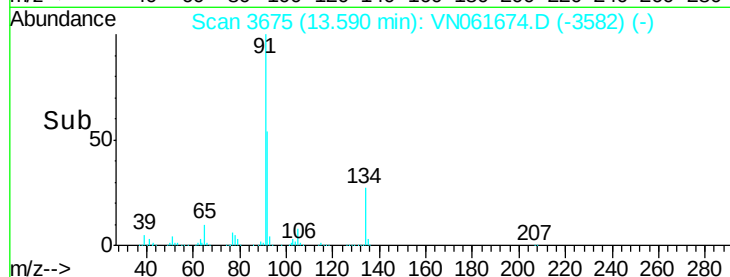
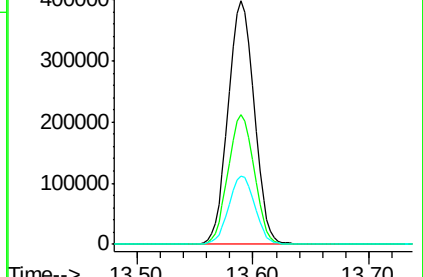
134 28.0 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061541.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061541.D (-3661) (-)



#90

Hexachloroethane

Concen: 59.31 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN061674.D

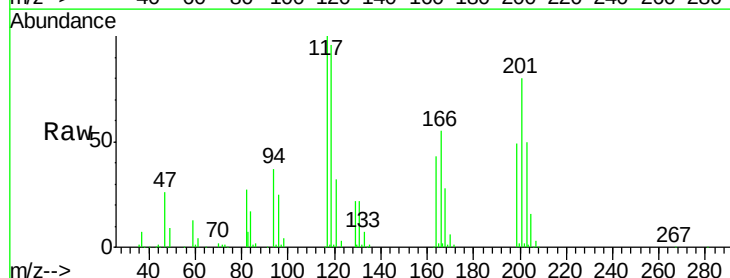
Acq: 5 Jun 2020 17:04

Tgt Ion: 117 Resp: 114150

Ion Ratio Lower Upper

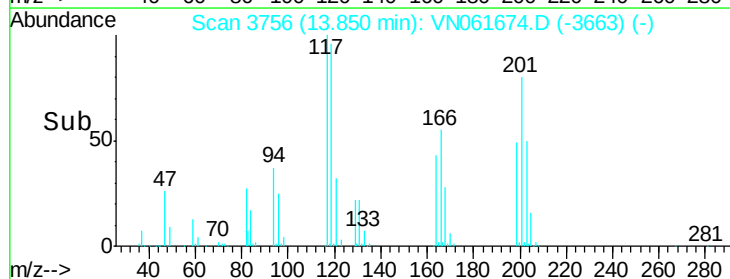
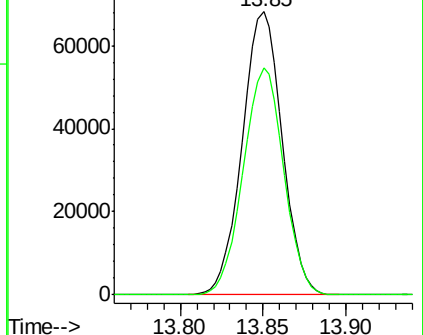
117 100

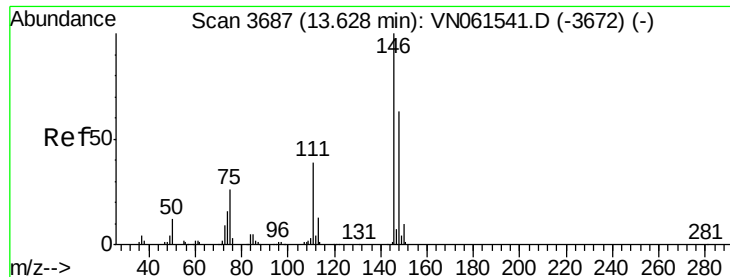
201 81.1 36.7 110.1



Abundance Ion 116.80 (116.50 to 117.50): VN061541.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061541.D (-3742) (-)

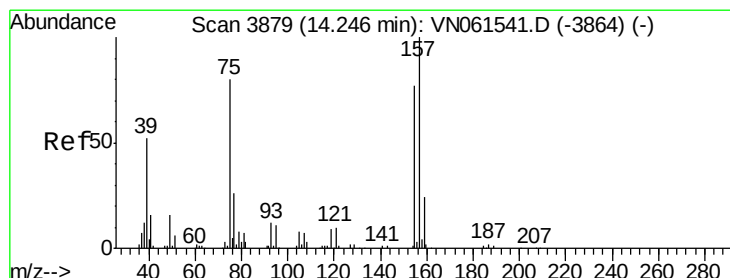
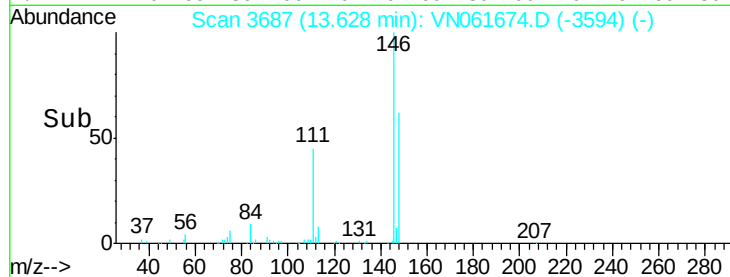
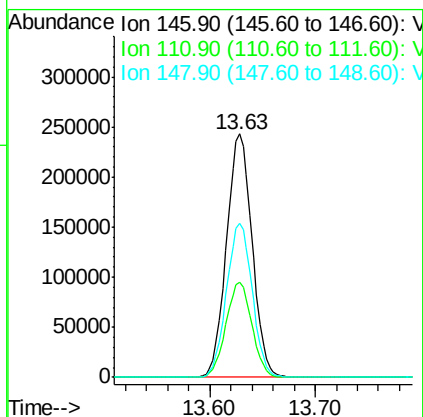
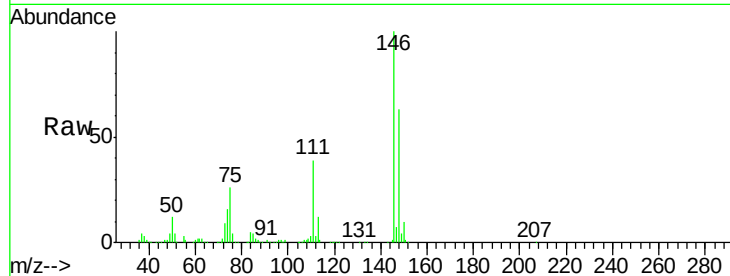




#91
 1,2-Dichlorobenzene
 Concen: 47.59 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

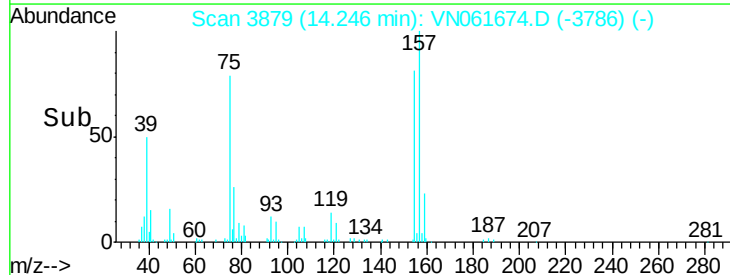
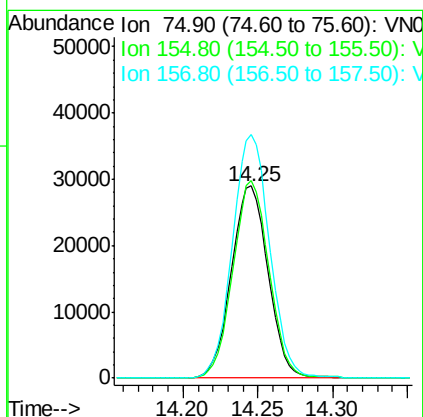
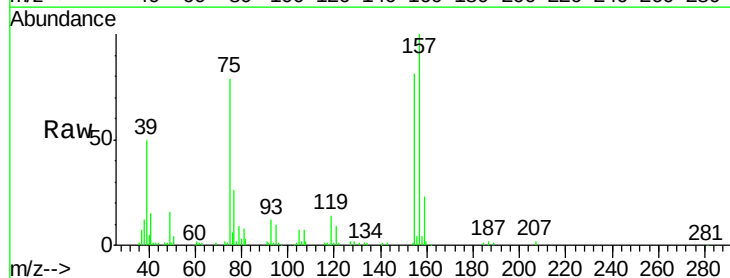
Instrument :
 MSVOA_N
 ClientSampled :
 VE-4-11MS

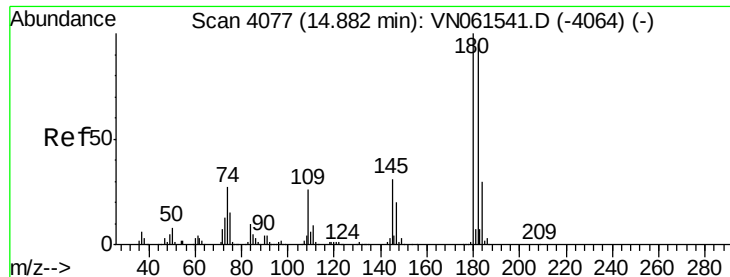
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.1	60.2
148	63.5	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.79 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.9	47.1	141.4
157	128.1	60.3	180.8

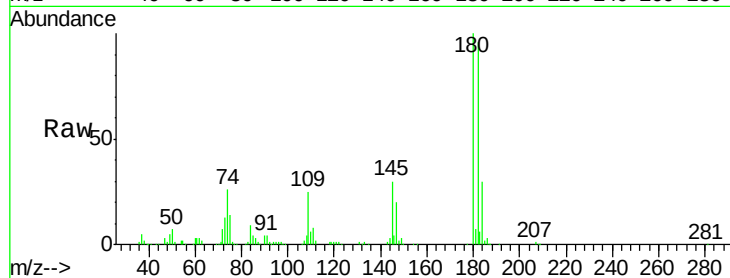




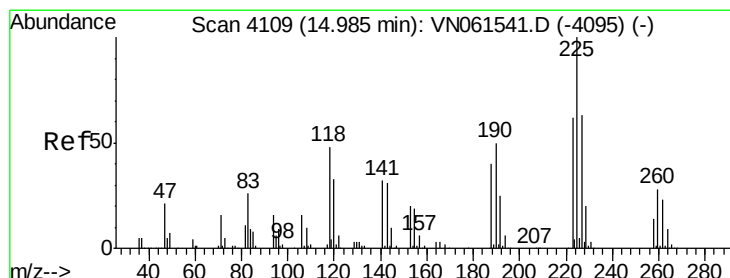
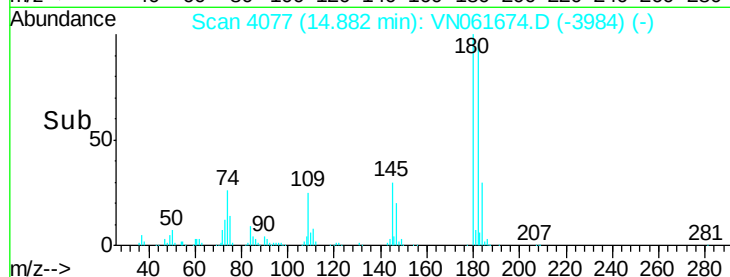
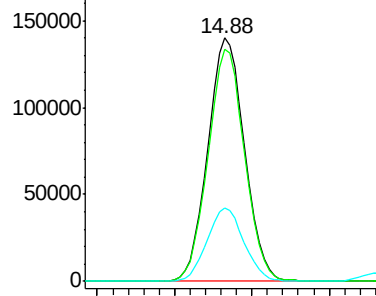
#93
 1,2,4-Trichlorobenzene
 Concen: 45.98 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11MS

Tgt Ion:180 Resp: 230653
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.8 143.3
 145 30.4 15.5 46.5

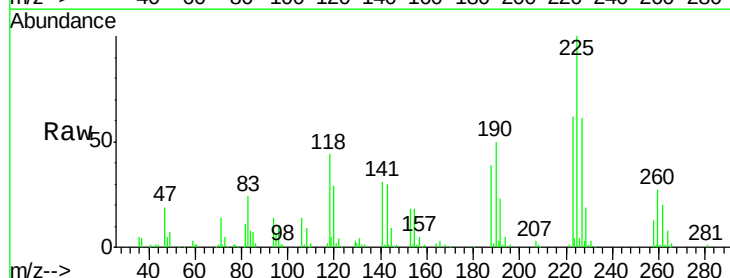


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

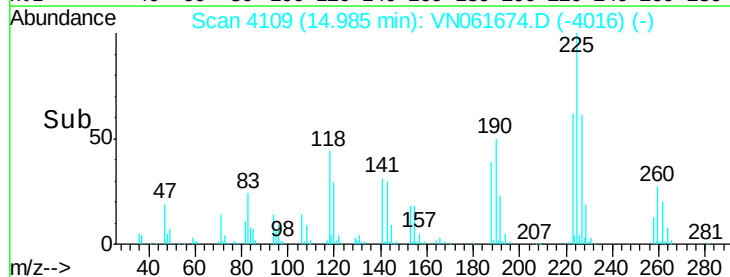
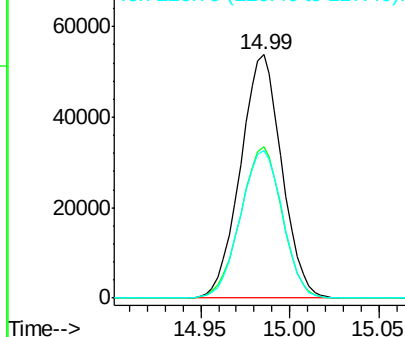


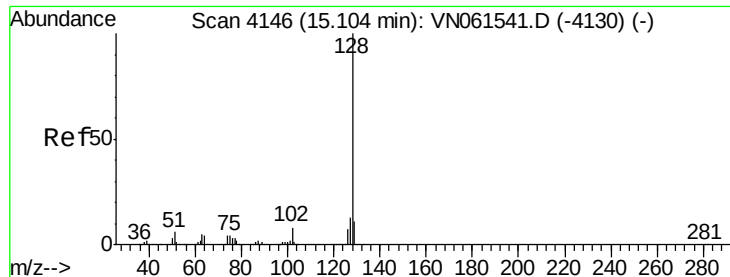
#94
 Hexachlorobutadiene
 Concen: 40.75 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061674.D
 Acq: 5 Jun 2020 17:04

Tgt Ion:225 Resp: 87177
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.9 95.5
 227 61.8 31.9 95.9



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: 47.98 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

VE-4-11MS

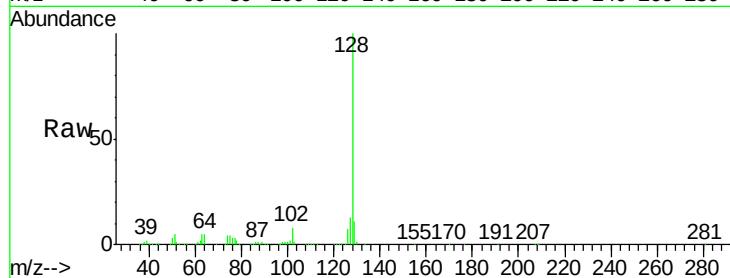
Tgt Ion:128 Resp: 732567

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

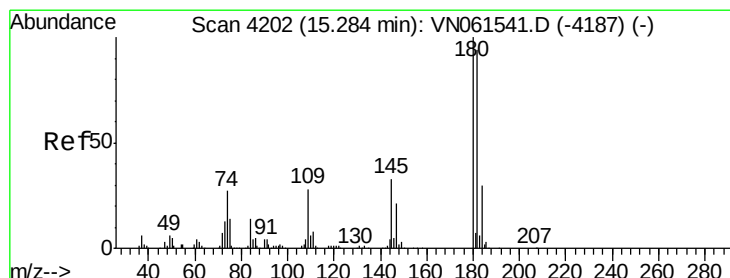
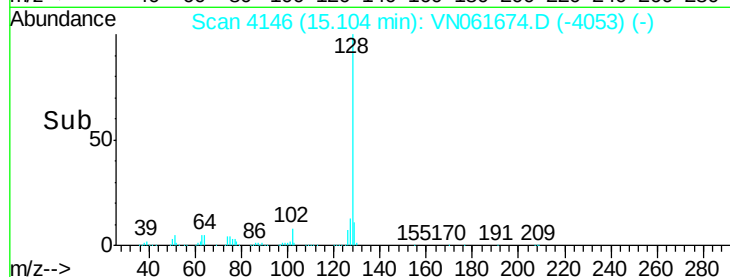
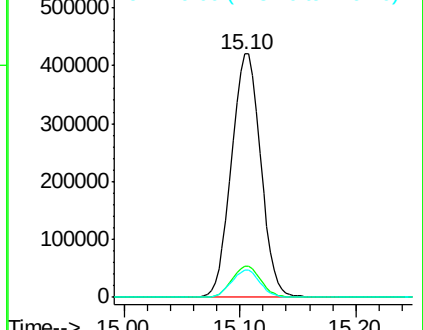
129 11.0 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.95 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061674.D

Acq: 5 Jun 2020 17:04

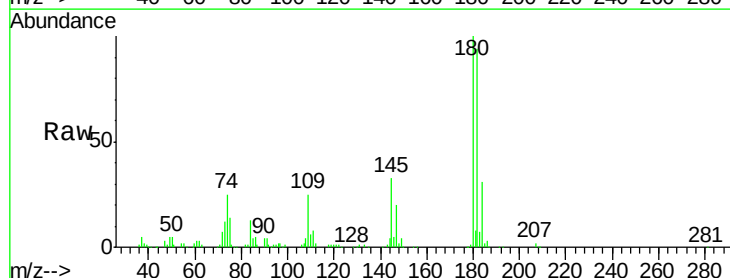
Tgt Ion:180 Resp: 226642

Ion Ratio Lower Upper

180 100

182 95.5 47.1 141.3

145 32.3 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

