

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052920\
 Data File : VN061562.D
 Acq On : 29 May 2020 13:15
 Operator : JC/MD
 Sample : L2182-09 .75PPB MDL
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 30 07:17:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 30 07:13:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	280307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	503158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	456109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	189720	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	190422	57.02	ug/l	0.00
Spiked Amount			Recovery	=	114.04%	
35) Dibromofluoromethane	7.55	113	147385	57.74	ug/l	0.00
Spiked Amount			Recovery	=	115.48%	
50) Toluene-d8	10.06	98	594724	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.38	95	197209	45.70	ug/l	0.00
Spiked Amount			Recovery	=	91.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	1517	0.518	ug/l	94
3) Chloromethane	2.03	50	2957	0.865	ug/l	99
4) Vinyl Chloride	2.15	62	3181	0.679	ug/l	100
5) Bromomethane	2.54	94	2802	1.042	ug/l	95
6) Chloroethane	2.67	64	2132	0.707	ug/l #	79
7) Trichlorofluoromethane	2.98	101	3795	0.628	ug/l	93
8) Diethyl Ether	3.37	74	1114	0.603	ug/l	74
9) 1,1,2-Trichlorotrifluoroet	3.71	101	1778	0.663	ug/l #	87
10) Methyl Iodide	3.91	142	2941	0.790	ug/l #	86
11) Tert butyl alcohol	4.72	59	1201	2.704	ug/l #	72
12) 1,1-Dichloroethene	3.70	96	1891	0.660	ug/l	85
13) Acrolein	3.57	56	1017	5.971	ug/l #	73
14) Allyl chloride	4.28	41	3013	0.805	ug/l #	87
15) Acrylonitrile	4.93	53	1479	1.193	ug/l #	1
16) Acetone	3.78	43	5154	4.363	ug/l	90
17) Carbon Disulfide	4.00	76	5643	0.895	ug/l	97
18) Methyl Acetate	4.28	43	1361	0.450	ug/l #	83
19) Methyl tert-butyl Ether	4.99	73	6548	0.671	ug/l #	73
20) Methylene Chloride	4.50	84	2548	0.622	ug/l	89
21) trans-1,2-Dichloroethene	4.99	96	2272	0.703	ug/l	93
22) Diisopropyl ether	5.90	45	5493	0.666	ug/l #	87
23) Vinyl Acetate	5.85	43	20338	3.092	ug/l #	93
24) 1,1-Dichloroethane	5.79	63	2616	0.500	ug/l #	81
25) 2-Butanone	6.79	43	4707	2.974	ug/l	88
26) 2,2-Dichloropropane	6.77	77	2270	0.474	ug/l	82
27) cis-1,2-Dichloroethene	6.78	96	2460	0.673	ug/l	96
28) Bromochloromethane	7.15	49	952	0.422	ug/l #	67
29) Tetrahydrofuran	7.18	42	3753	3.596	ug/l #	86
30) Chloroform	7.32	83	3874	0.669	ug/l	86
31) Cyclohexane	7.62	56	8760	1.861	ug/l #	48
32) 1,1,1-Trichloroethane	7.53	97	3472	0.658	ug/l #	48
36) 1,1-Dichloropropene	7.75	75	2756	0.619	ug/l #	84
37) Ethyl Acetate	6.89	43	2494	0.695	ug/l #	66
38) Carbon Tetrachloride	7.73	117	2281	0.531	ug/l #	78

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	3505	0.638	ug/l	90
40) Benzene	8.00	78	8459	0.615	ug/l	99
41) Methacrylonitrile	7.13	41	1021	0.621	ug/l #	46
42) 1,2-Dichloroethane	8.08	62	3499	0.760	ug/l	77
43) Isopropyl Acetate	8.13	43	3984	0.617	ug/l #	75
44) Trichloroethene	8.81	130	2593	0.614	ug/l	99
45) 1,2-Dichloropropane	9.09	63	2003	0.614	ug/l #	69
46) Dibromomethane	9.18	93	1358	0.543	ug/l	97
47) Bromodichloromethane	9.37	83	2549	0.514	ug/l #	85
48) Methyl methacrylate	9.17	41	1781	0.613	ug/l	90
49) 1,4-Dioxane	9.17	88	611	13.582	ug/l #	94
51) 4-Methyl-2-Pentanone	9.95	43	9760	2.683	ug/l	100
52) Toluene	10.13	92	5749	0.641	ug/l	99
53) t-1,3-Dichloropropene	10.36	75	2837	0.531	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	3209	0.559	ug/l #	82
55) 1,1,2-Trichloroethane	10.53	97	2361	0.661	ug/l	91
56) Ethyl methacrylate	10.40	69	2481	0.497	ug/l	96
57) 1,3-Dichloropropane	10.68	76	3543	0.620	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.66	63	5902	2.766	ug/l	99
59) 2-Hexanone	10.72	43	7439	2.848	ug/l	91
60) Dibromochloromethane	10.88	129	1929	0.475	ug/l	87
61) 1,2-Dibromoethane	10.98	107	1879	0.504	ug/l #	77
64) Tetrachloroethene	10.60	164	2431	0.566	ug/l #	76
65) Chlorobenzene	11.41	112	6171	0.651	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.48	131	2052	0.581	ug/l #	62
67) Ethyl Benzene	11.48	91	10468	0.639	ug/l	94
68) m/p-Xylenes	11.60	106	7413	1.141	ug/l	94
69) o-Xylene	11.92	106	3158	0.512	ug/l	74
70) Styrene	11.94	104	5123	0.501	ug/l	95
71) Bromoform	12.10	173	1232	0.453	ug/l #	88
73) Isopropylbenzene	12.23	105	9343	0.675	ug/l	96
74) N-amyl acetate	12.05	43	2199	0.504	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.48	83	2552	0.658	ug/l #	96
76) 1,2,3-Trichloropropane	12.53	75	3442	0.998	ug/l #	100
77) Bromobenzene	12.50	156	2103	0.595	ug/l	62
78) n-propylbenzene	12.56	91	10319	0.668	ug/l	93
79) 2-Chlorotoluene	12.65	91	6343	0.688	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	7258	0.627	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.38	75	97477	72.257	ug/l #	15
82) 4-Chlorotoluene	12.75	91	6738	0.695	ug/l	93
83) tert-Butylbenzene	12.97	119	6896	0.674	ug/l	93
84) 1,2,4-Trimethylbenzene	13.02	105	7425	0.646	ug/l	97
85) sec-Butylbenzene	13.15	105	8345	0.633	ug/l	98
86) p-Isopropyltoluene	13.26	119	7347	0.605	ug/l	95
87) 1,3-Dichlorobenzene	13.26	146	4068	0.650	ug/l	91
88) 1,4-Dichlorobenzene	13.26	146	4068	0.638	ug/l	91
89) n-Butylbenzene	13.59	91	6637	0.653	ug/l	96
90) Hexachloroethane	13.85	117	833	0.621	ug/l	78
91) 1,2-Dichlorobenzene	13.63	146	3893	0.651	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.25	75	488	0.617	ug/l	69

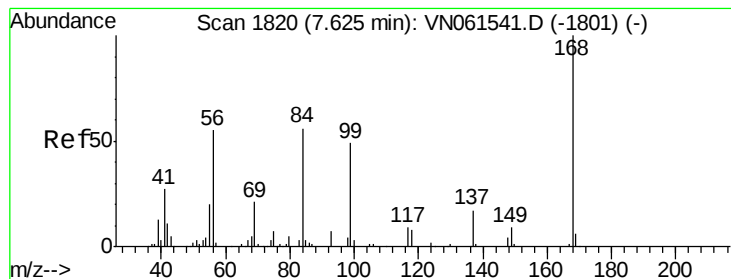
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052920\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	2194	0.627	ug/l	93
94) Hexachlorobutadiene	14.99	225	1126	0.755	ug/l	92
95) Naphthalene	15.10	128	6679	0.627	ug/l	96
96) 1,2,3-Trichlorobenzene	15.29	180	2168	0.630	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

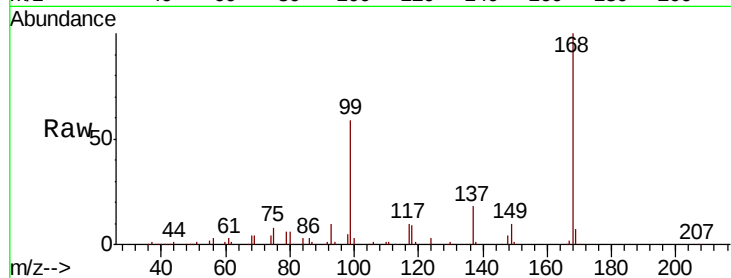
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 280307

Ion Ratio Lower Upper

168 100

99 58.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

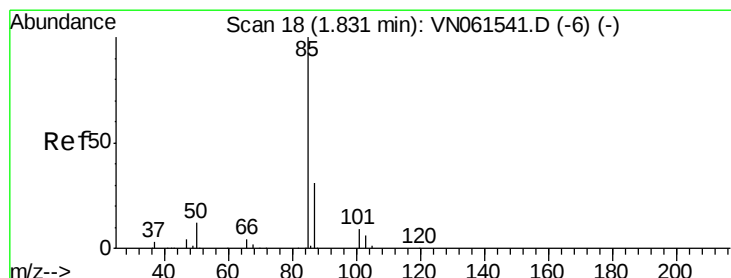
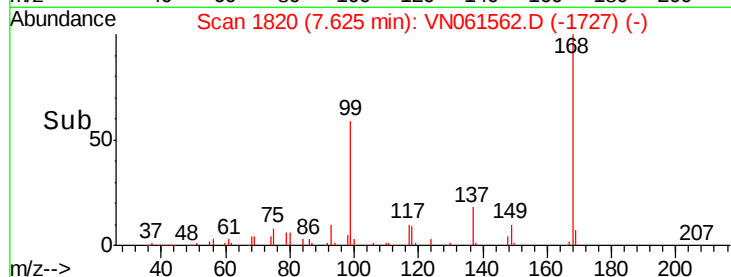
7.63

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 0.518 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN061562.D

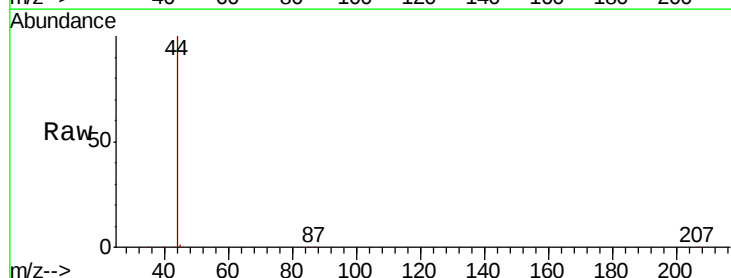
Acq: 29 May 2020 13:15

Tgt Ion: 85 Resp: 1517

Ion Ratio Lower Upper

85 100

87 27.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

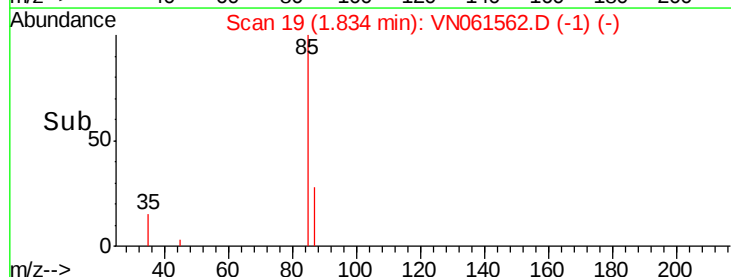
1.83

1000

500

0

Time--> 1.80 1.82 1.84 1.86





#3

Chloromethane

Concen: 0.865 ug/l

RT: 2.03 min Scan# 80

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :

MSVOA_N

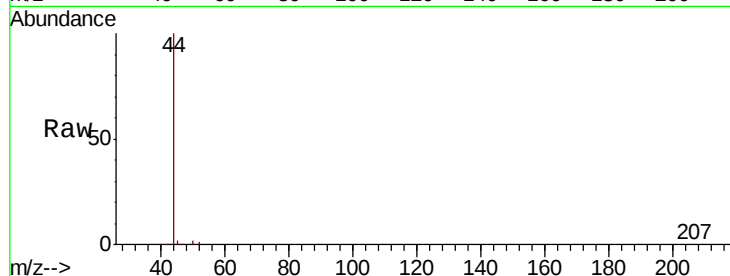
ClientSampleId :

Tot Ion: 50 Resp: 2957

Ion Ratio Lower Upper

50 100

52 32.6 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN061541.D (-69) (-)

Ion 51.90 (51.60 to 52.60): VN061541.D (-69) (-)

2.03

2500

2000

1500

1000

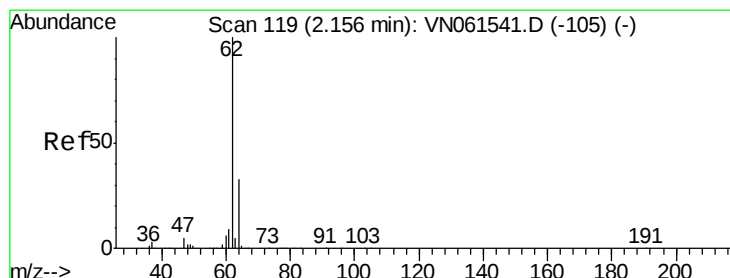
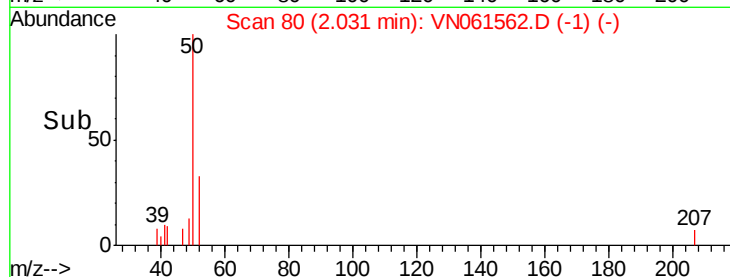
500

0

Time-->

2.00

2.05



#4

Vinyl Chloride

Concen: 0.679 ug/l

RT: 2.15 min Scan# 118

Delta R.T. -0.00 min

Lab File: VN061562.D

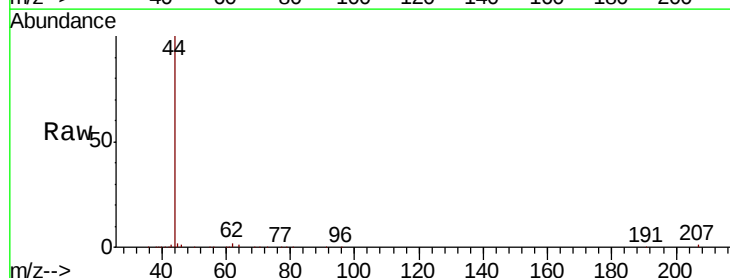
Acq: 29 May 2020 13:15

Tgt Ion: 62 Resp: 3181

Ion Ratio Lower Upper

62 100

64 32.8 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN061541.D (-105) (-)

Ion 63.90 (63.60 to 64.60): VN061541.D (-105) (-)

2.15

2500

2000

1500

1000

500

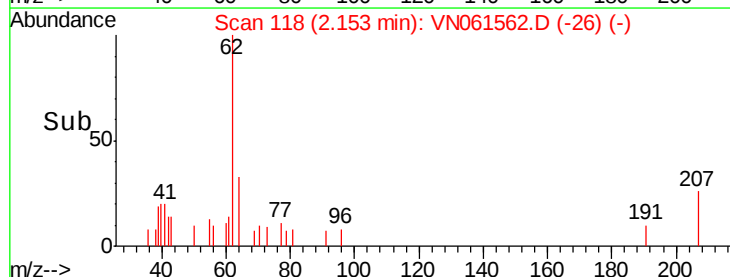
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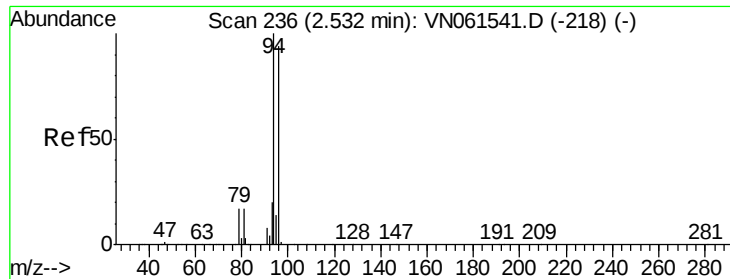
Time-->

2.10

2.15

2.20





#5

Bromomethane

Concen: 1.042 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :

MSVOA_N

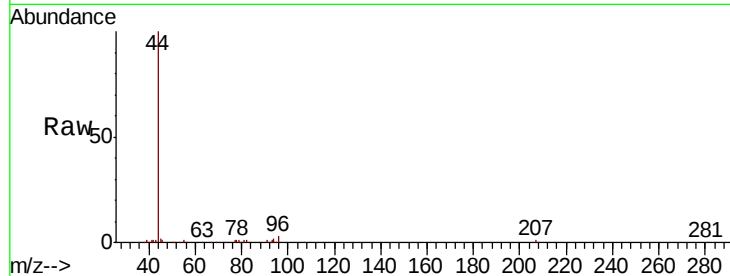
ClientSampleId :

Tot Ion: 94 Resp: 2802

Ion Ratio Lower Upper

94 100

96 98.6 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

1500

1000

500

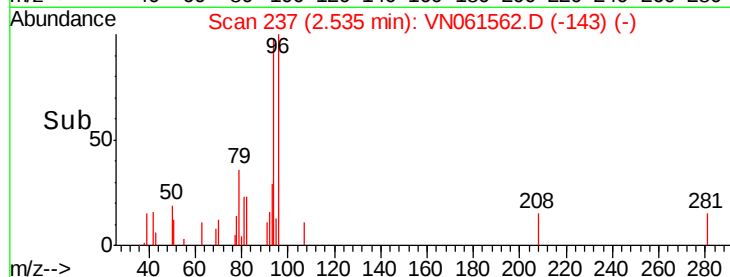
0

Time-->

2.50

2.55

2.60



#6

Chloroethane

Concen: 0.707 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN061562.D

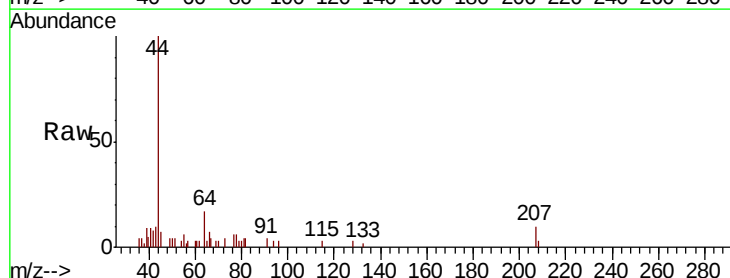
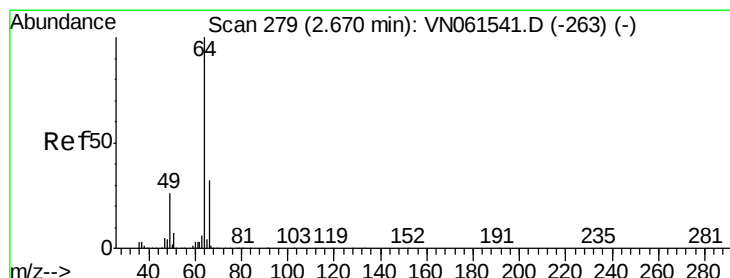
Acq: 29 May 2020 13:15

Tgt Ion: 64 Resp: 2132

Ion Ratio Lower Upper

64 100

66 43.8 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

1200

1000

800

600

400

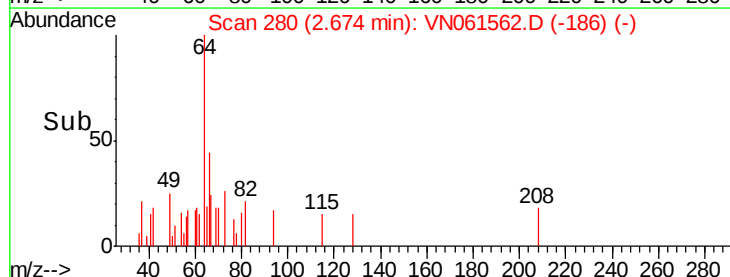
200

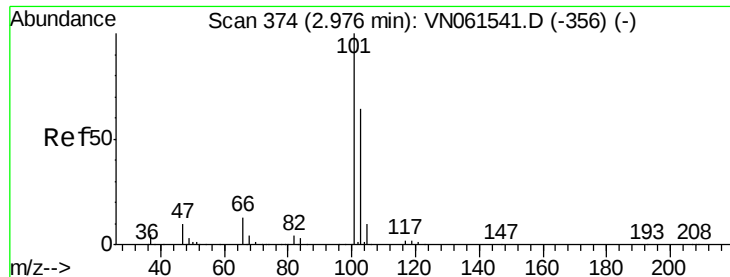
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Time-->

2.65

2.70



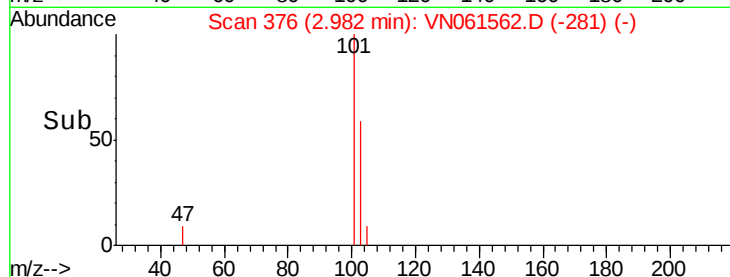
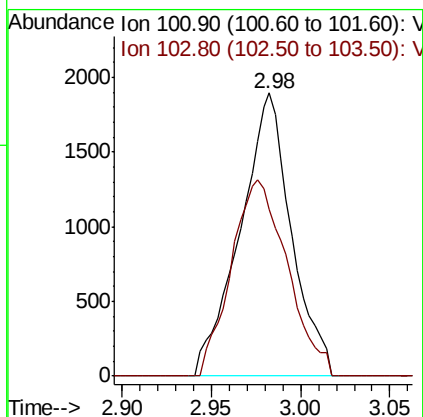
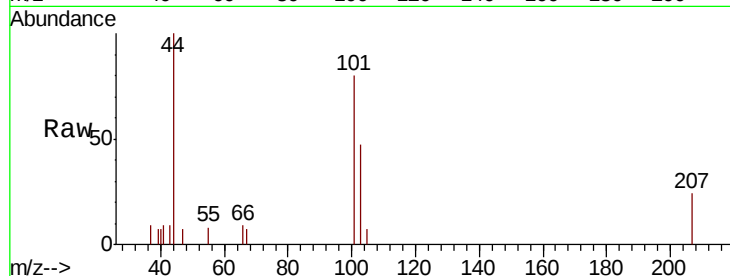


#7

Trichlorofluoromethane
Concen: 0.628 ug/l
RT: 2.98 min Scan# 376
Delta R.T. 0.01 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :

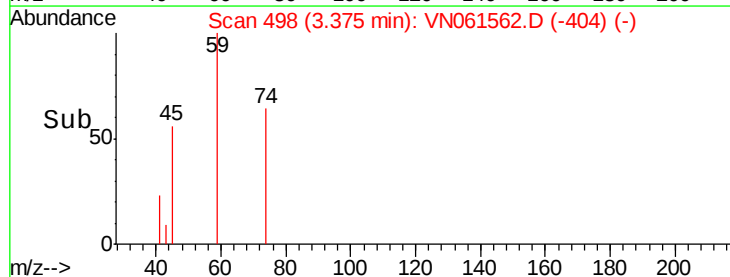
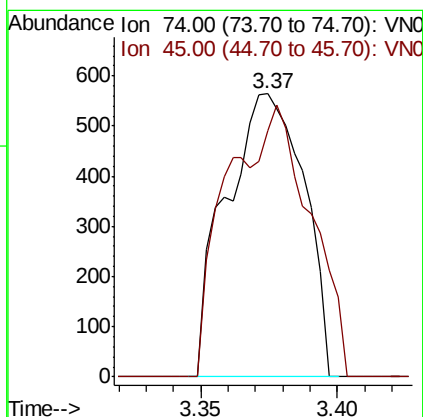
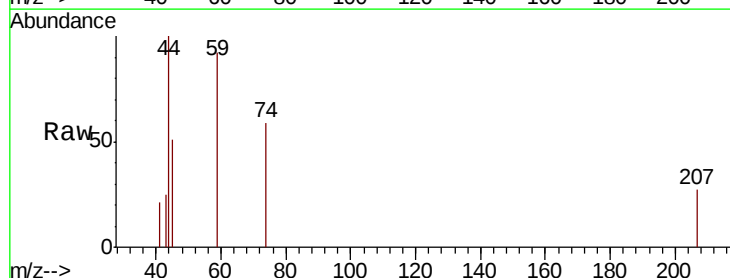
Tot Ion:101 Resp: 3795
Ion Ratio Lower Upper
101 100
103 58.9 51.4 77.2



#8

Diethyl Ether
Concen: 0.603 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

Tgt Ion: 74 Resp: 1114
Ion Ratio Lower Upper
74 100
45 102.9 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.663 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :

MSVOA_N

ClientSampleId :

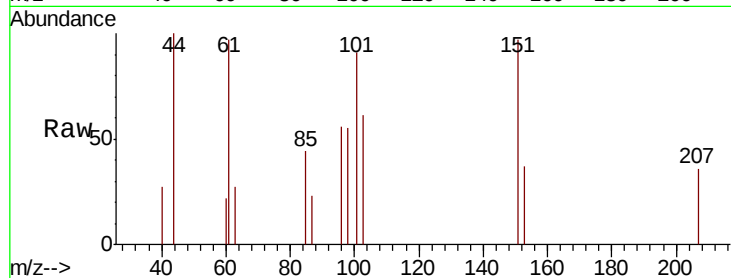
Tot Ion:101 Resp: 1778

Ion Ratio Lower Upper

101 100

85 24.1 35.2 52.8#

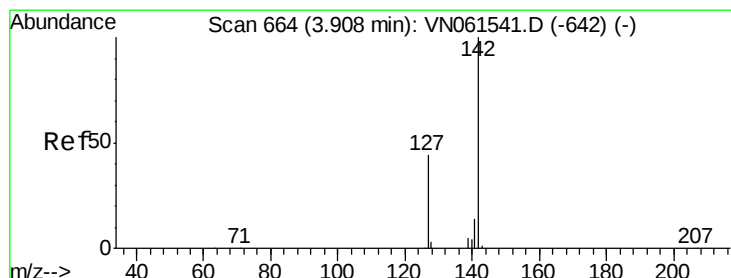
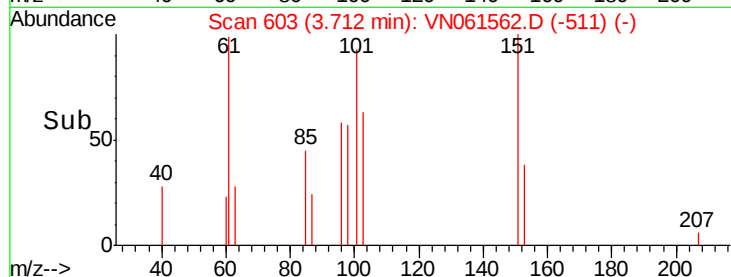
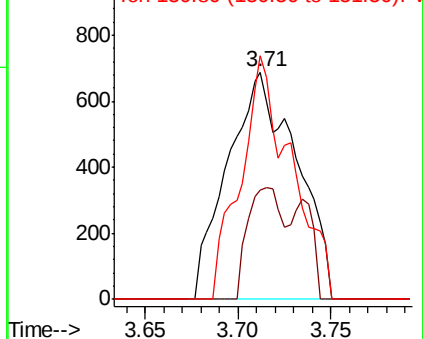
151 78.8 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.790 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

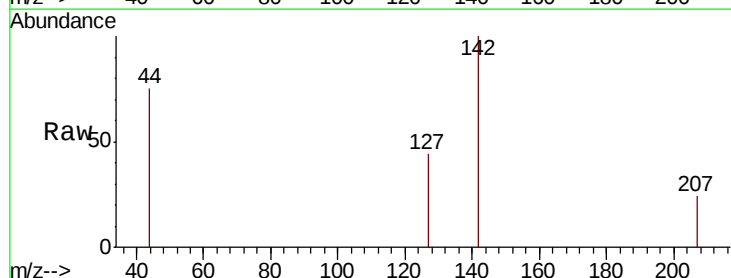
Tgt Ion:142 Resp: 2941

Ion Ratio Lower Upper

142 100

127 40.0 35.5 53.3

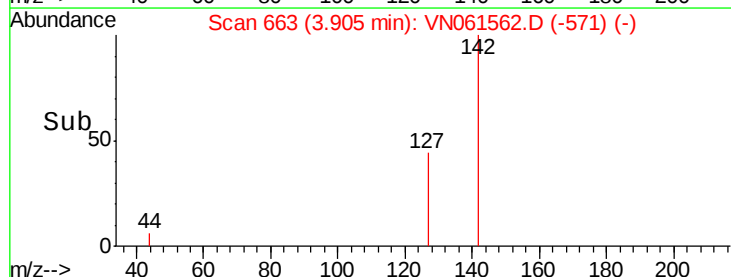
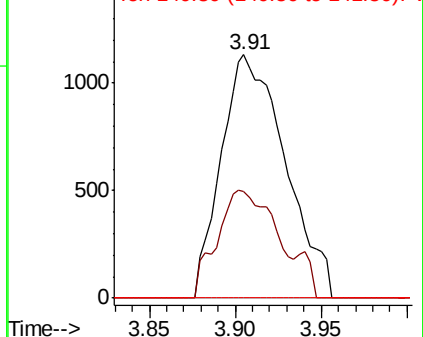
141 0.0 11.5 17.3#

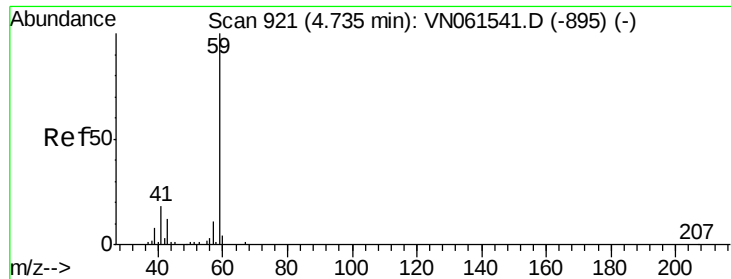


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



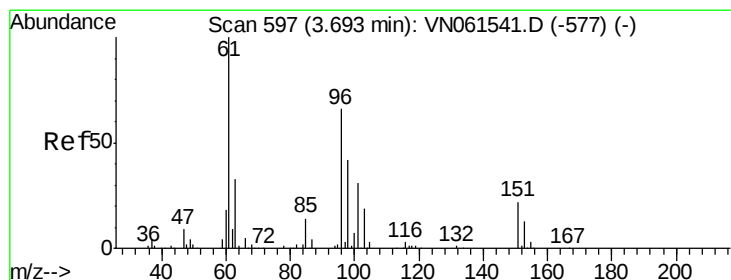
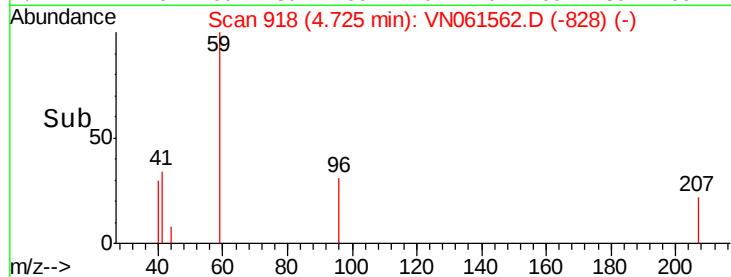
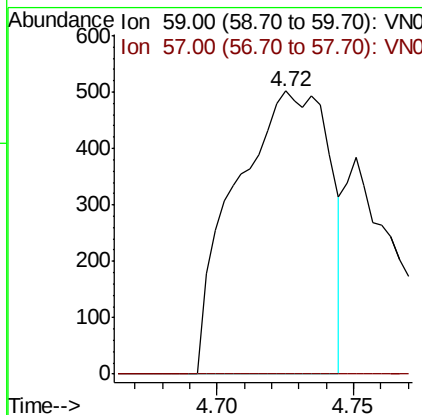
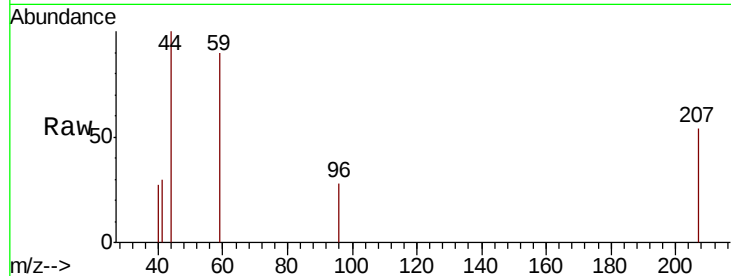


#11

Tert butyl alcohol
 Concen: 2.704 ug/l
 RT: 4.72 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: VN061562.D
 Acq: 29 May 2020 13:15

Instrument :
 MSVOA_N
 ClientSampled :

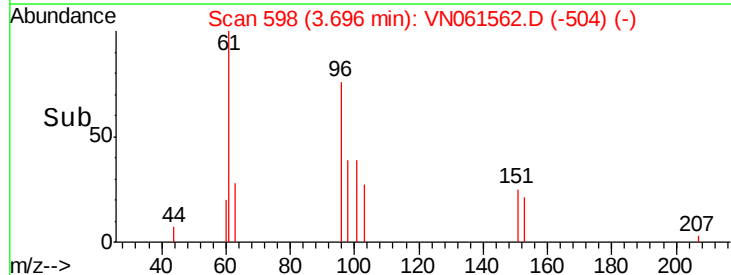
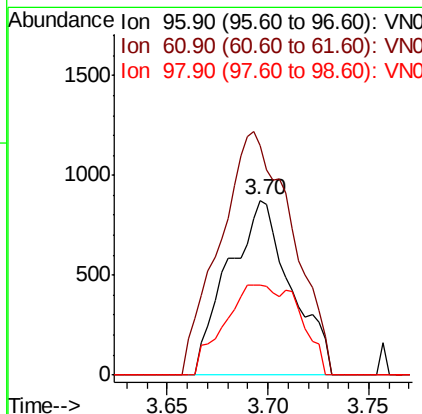
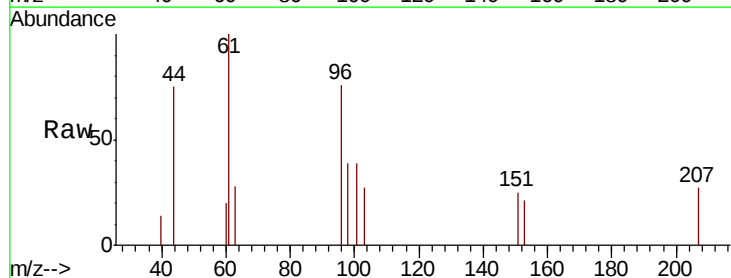
Tot Ion: 59 Resp: 1201
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

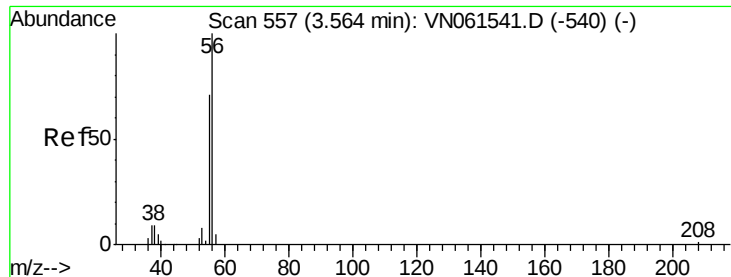


#12

1,1-Dichloroethene
 Concen: 0.660 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN061562.D
 Acq: 29 May 2020 13:15

Tgt Ion: 96 Resp: 1891
 Ion Ratio Lower Upper
 96 100
 61 131.1 120.5 180.7
 98 51.7 50.8 76.2





#13

Acrolein

Concen: 5.971 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :

MSVOA_N

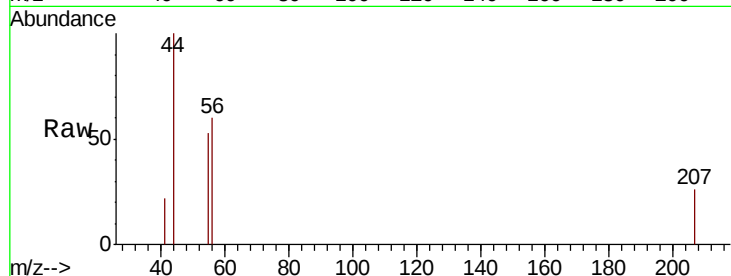
ClientSampled :

Tot Ion: 56 Resp: 1017

Ion Ratio Lower Upper

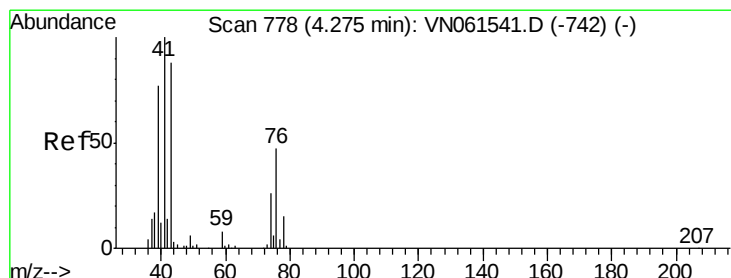
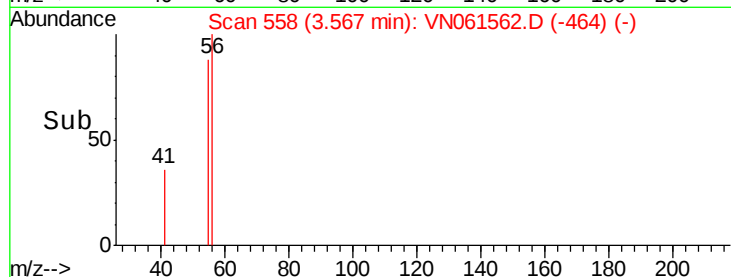
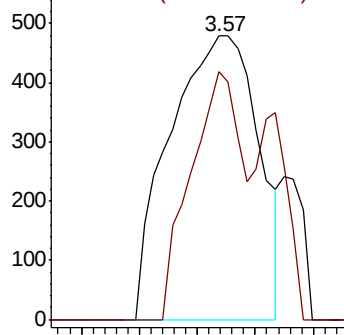
56 100

55 49.8 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: 0.805 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.01 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

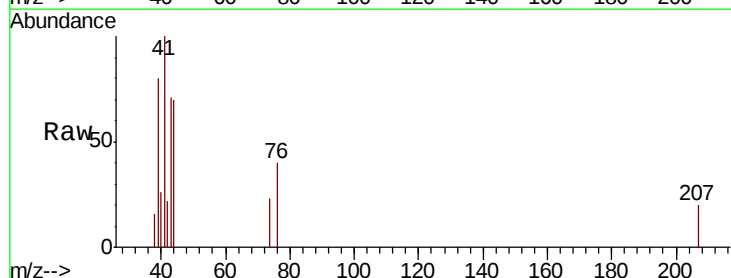
Tgt Ion: 41 Resp: 3013

Ion Ratio Lower Upper

41 100

39 68.5 58.6 88.0

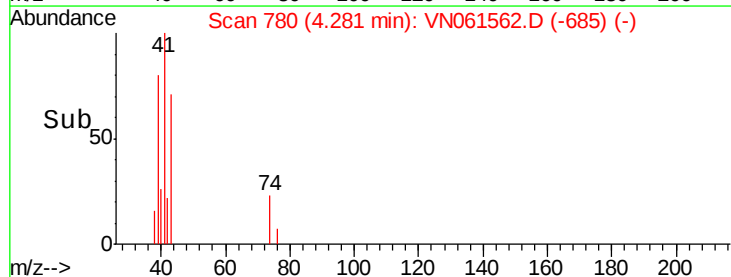
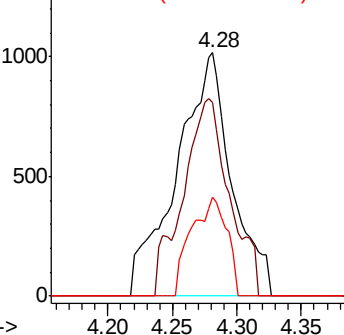
76 26.3 34.2 51.4#



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: 1.193 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :

MSVOA_N

ClientSampled :

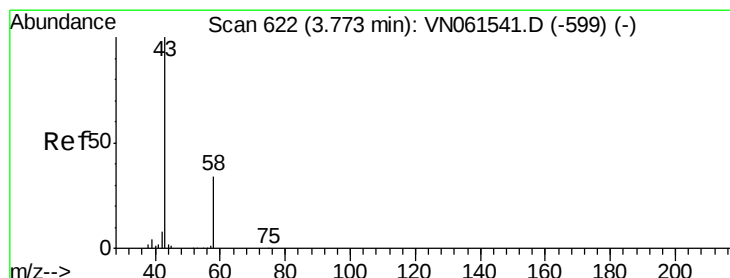
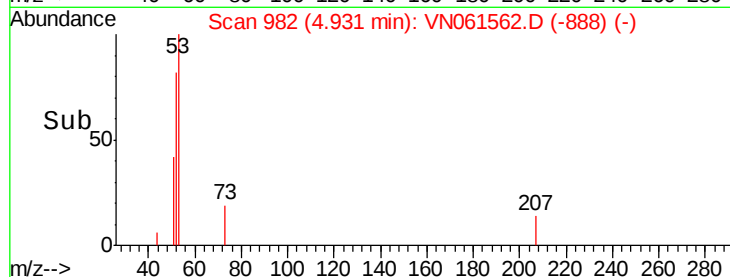
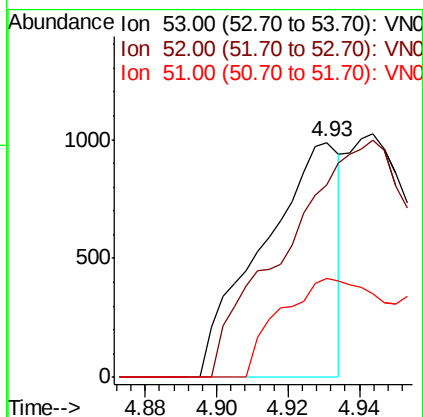
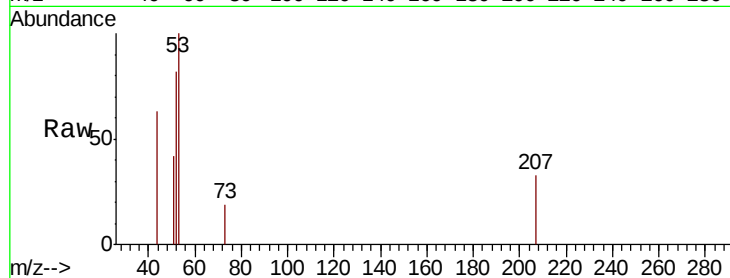
Tot Ion: 53 Resp: 1479

Ion Ratio Lower Upper

53 100

52 208.7 65.4 98.2#

51 55.8 29.0 43.6#



#16

Acetone

Concen: 4.363 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061562.D

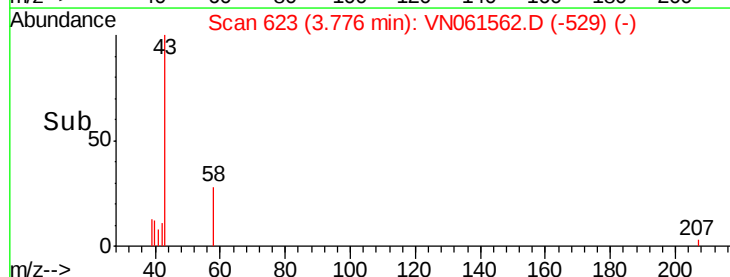
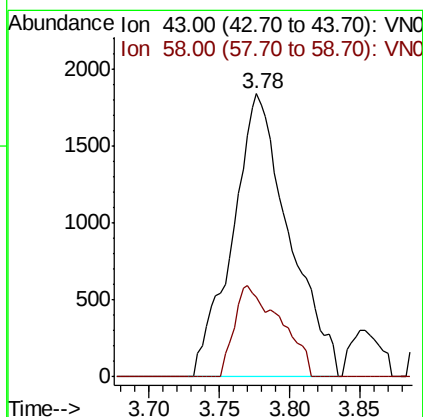
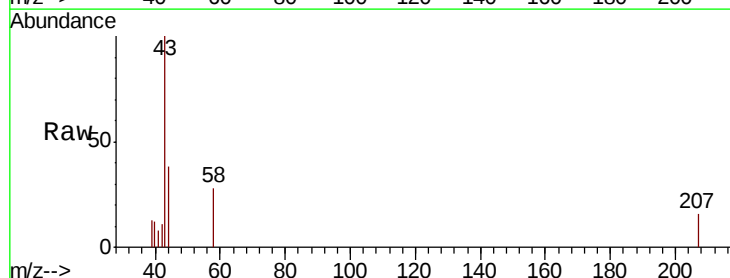
Acq: 29 May 2020 13:15

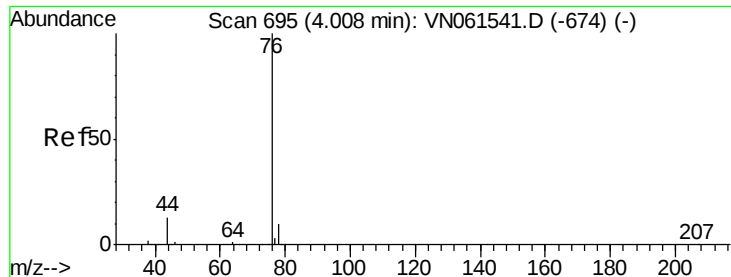
Tgt Ion: 43 Resp: 5154

Ion Ratio Lower Upper

43 100

58 28.1 27.2 40.8

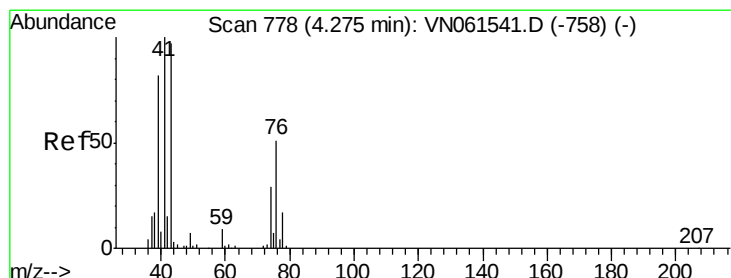
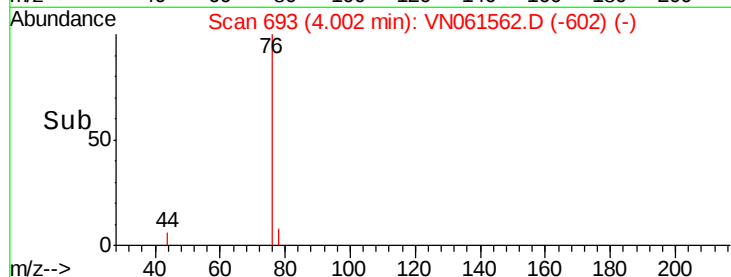
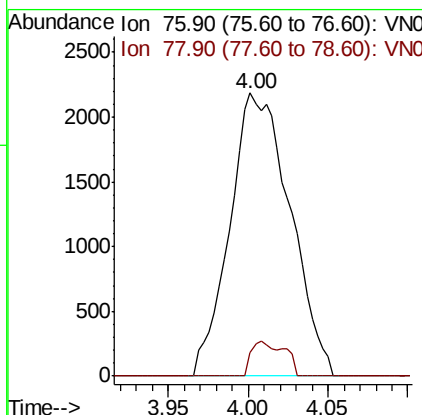
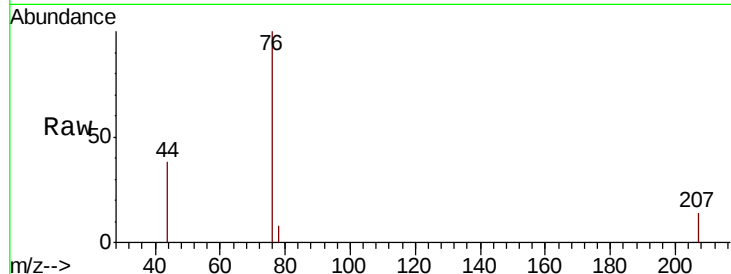




#17
Carbon Disulfide
Concen: 0.895 ug/l
RT: 4.00 min Scan# 693
Delta R.T. -0.01 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

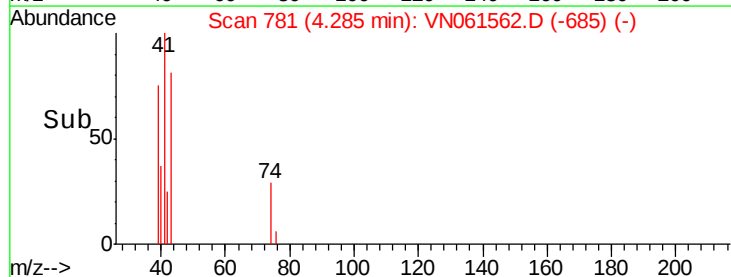
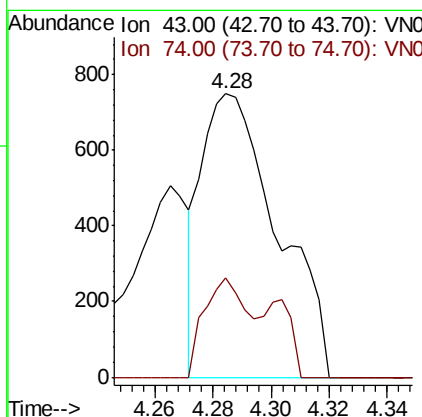
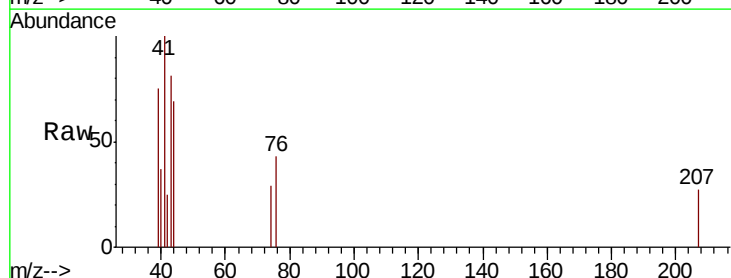
Instrument :
MSVOA_N
ClientSampled :

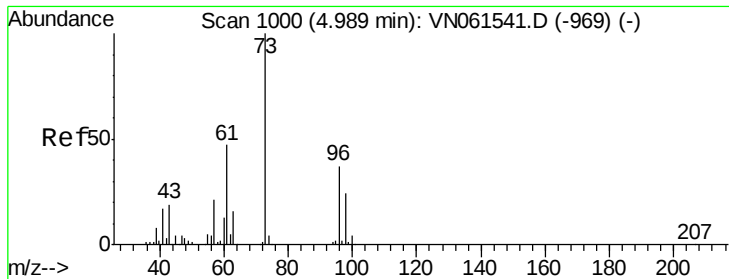
Tot Ion: 76 Resp: 5643
Ion Ratio Lower Upper
76 100
78 8.4 7.8 11.6



#18
Methyl Acetate
Concen: 0.450 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

Tgt Ion: 43 Resp: 1361
Ion Ratio Lower Upper
43 100
74 19.8 23.2 34.8#



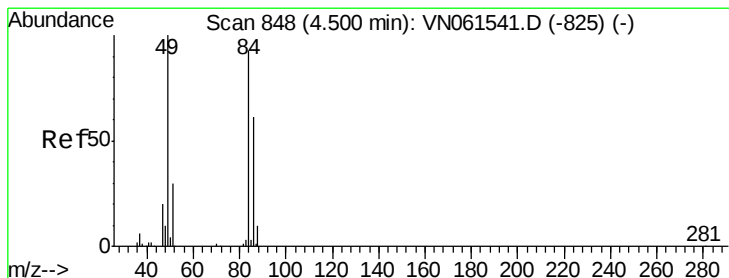
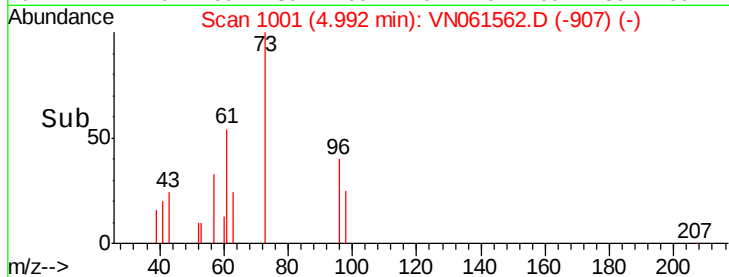
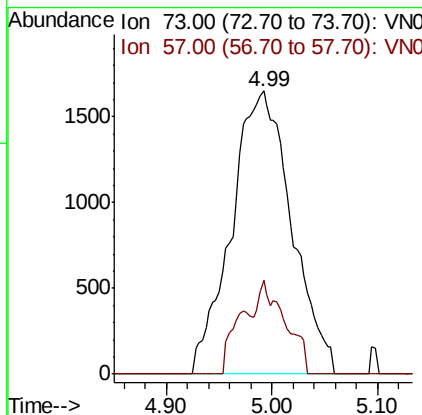
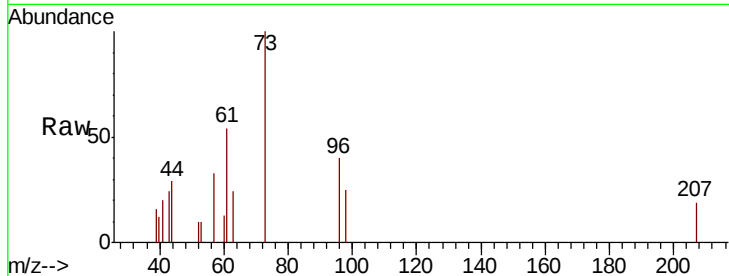


#19

Methvl tert-butvl Ether
 Concen: 0.671 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN061562.D
 Acq: 29 May 2020 13:15

Instrument :
 MSVOA_N
 ClientSampled :

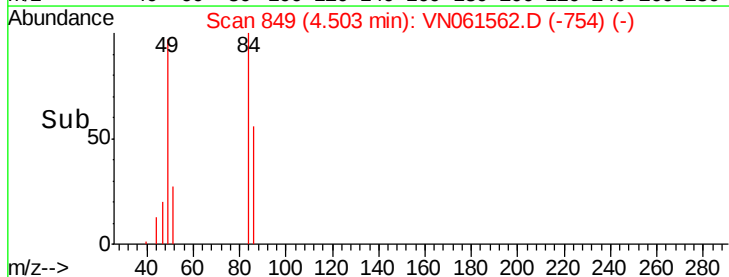
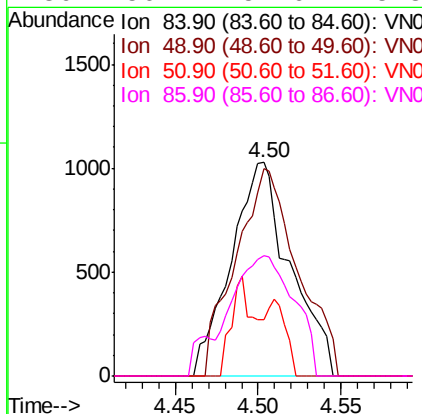
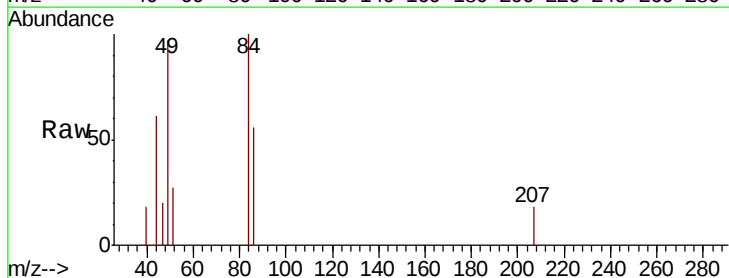
Tot Ion: 73 Resp: 6548
 Ion Ratio Lower Upper
 73 100
 57 33.2 16.4 24.6#

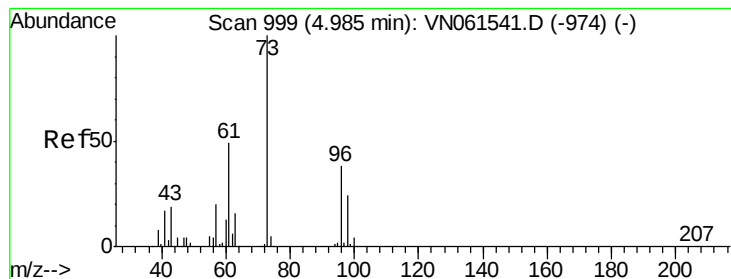


#20

Methylene Chloride
 Concen: 0.622 ug/l
 RT: 4.50 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: VN061562.D
 Acq: 29 May 2020 13:15

Tgt Ion: 84 Resp: 2548
 Ion Ratio Lower Upper
 84 100
 49 97.0 85.8 128.8
 51 26.7 26.2 39.2
 86 56.4 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 0.703 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :

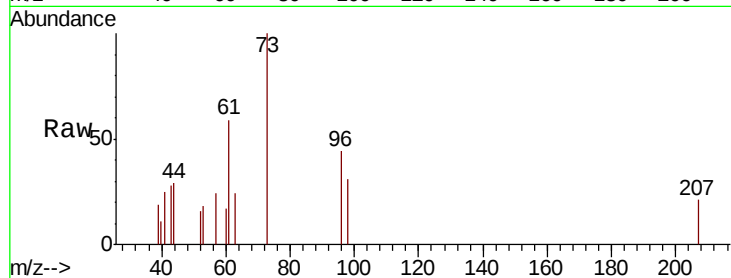
Tot Ion: 96 Resp: 2272

Ion Ratio Lower Upper

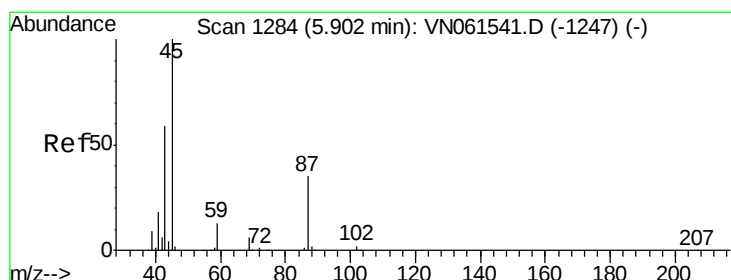
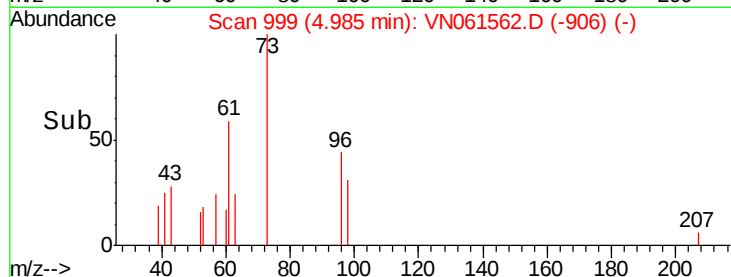
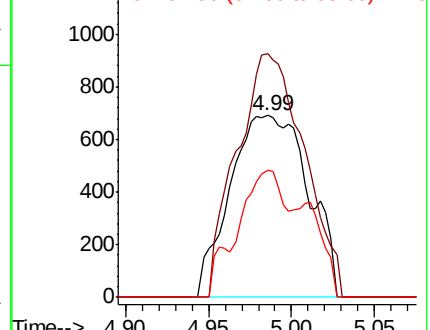
96 100

61 134.0 101.4 152.0

98 70.2 50.6 76.0



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



#22

Diisopropyl ether

Concen: 0.666 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Tgt Ion: 45 Resp: 5493

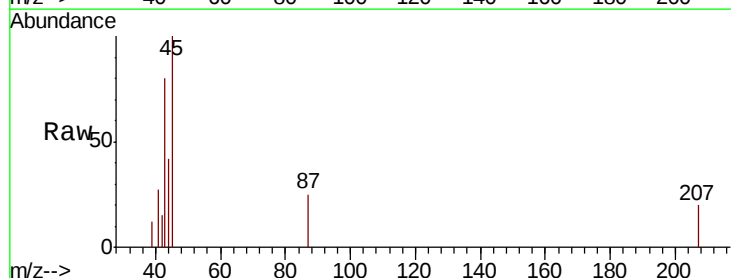
Ion Ratio Lower Upper

45 100

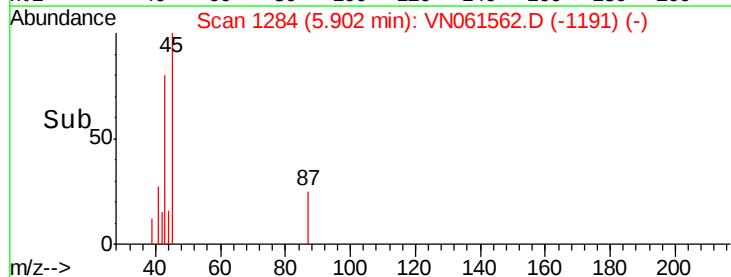
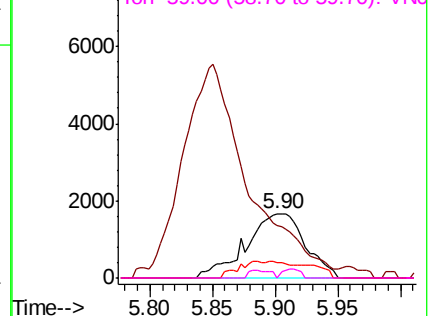
43 64.6 47.9 71.9

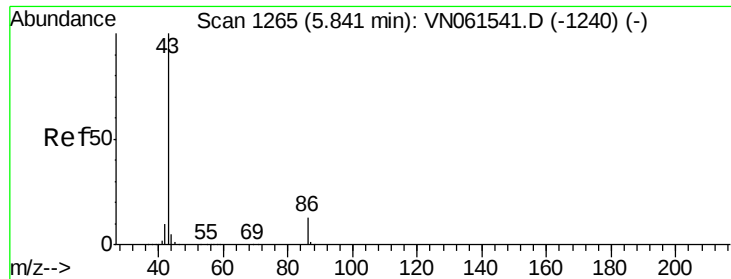
87 24.6 28.4 42.6#

59 0.0 10.5 15.7#



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





#23

Vinyl Acetate

Concen: 3.092 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.01 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :

MSVOA_N

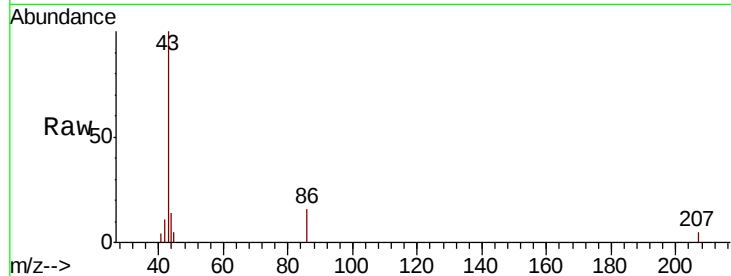
ClientSampled :

Tot Ion: 43 Resp: 20338

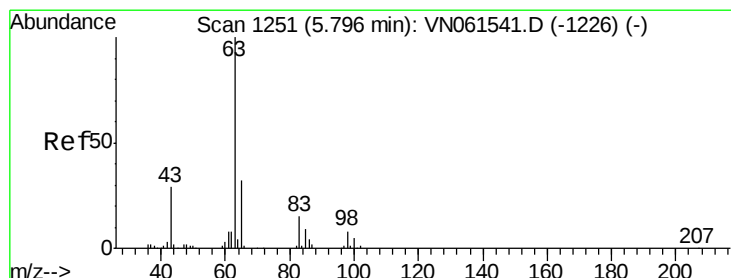
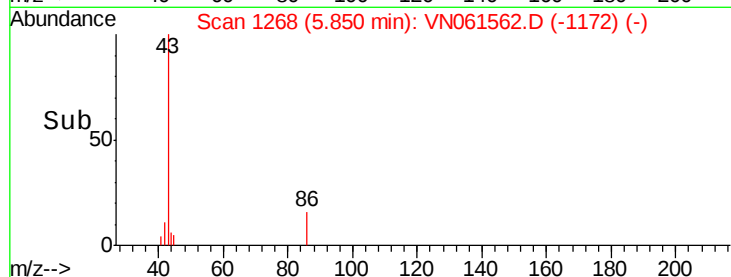
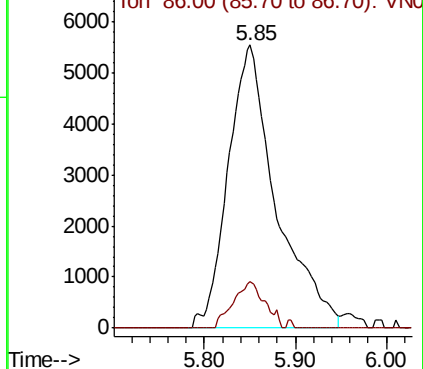
Ion Ratio Lower Upper

43 100

86 16.2 10.6 16.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-1240) (-)



#24

1,1-Dichloroethane

Concen: 0.500 ug/l

RT: 5.79 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

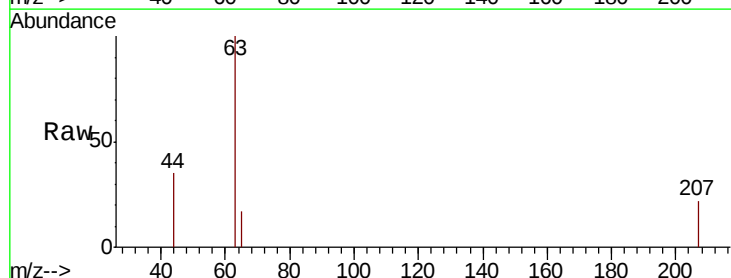
Tgt Ion: 63 Resp: 2616

Ion Ratio Lower Upper

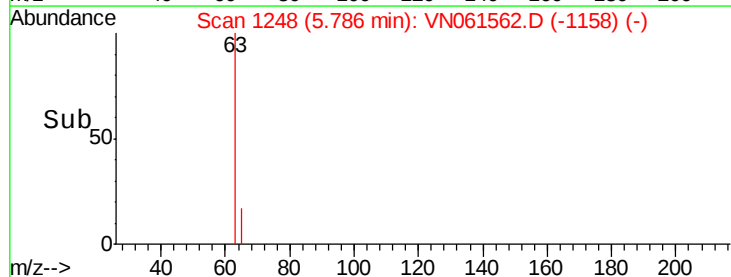
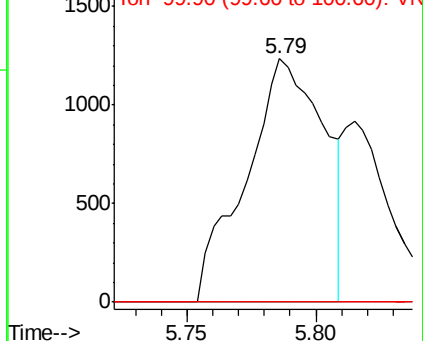
63 100

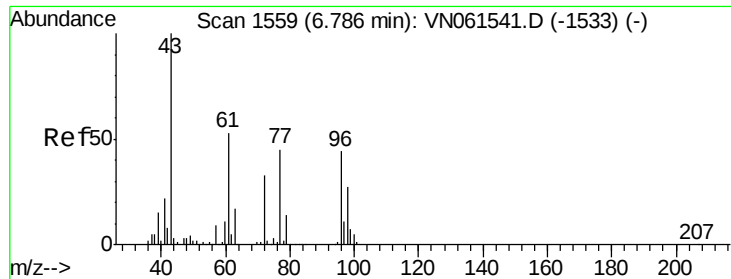
98 0.0 3.8 11.4#

100 0.0 2.5 7.6#



Abundance Ion 62.90 (62.60 to 63.60): VN061541.D (-1226) (-)

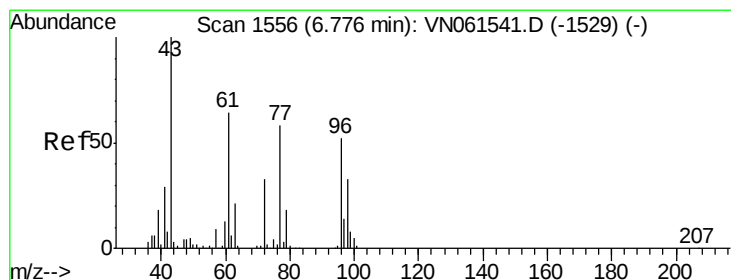
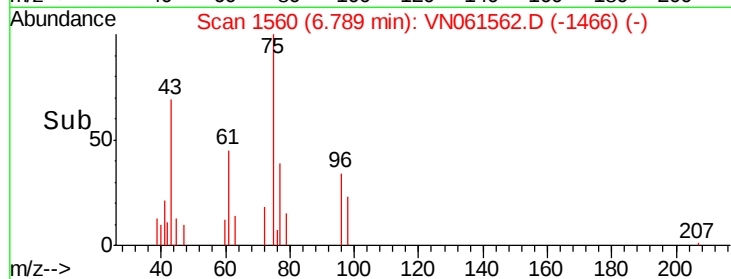
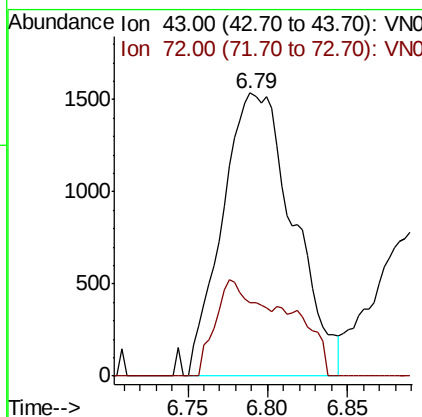
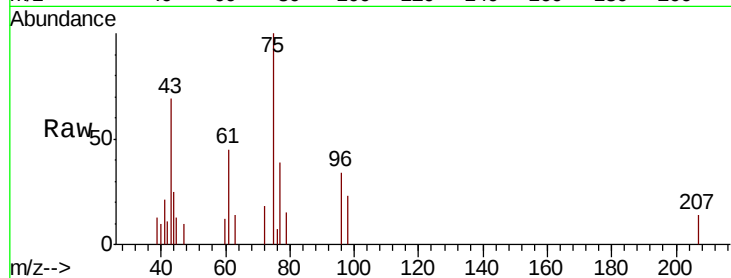




#25
2-Butanone
Concen: 2.974 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

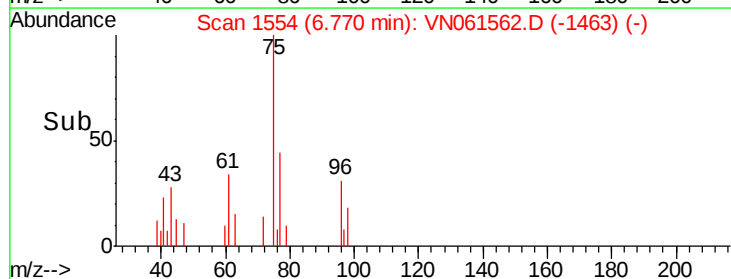
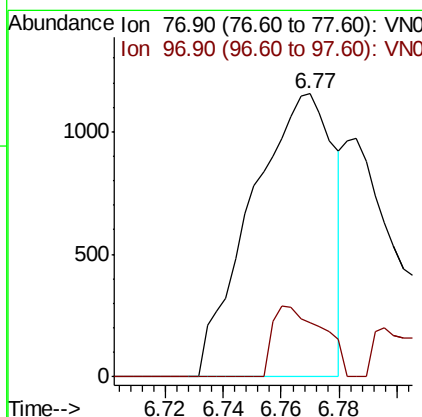
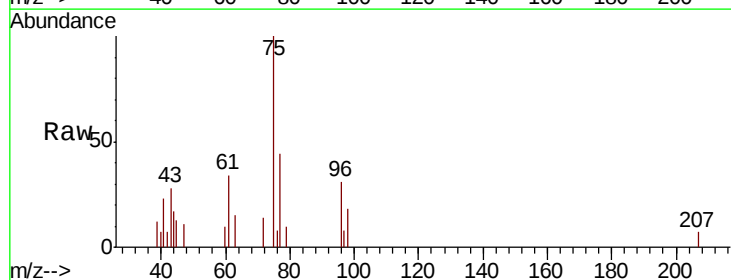
Instrument :
MSVOA_N
ClientSampled :

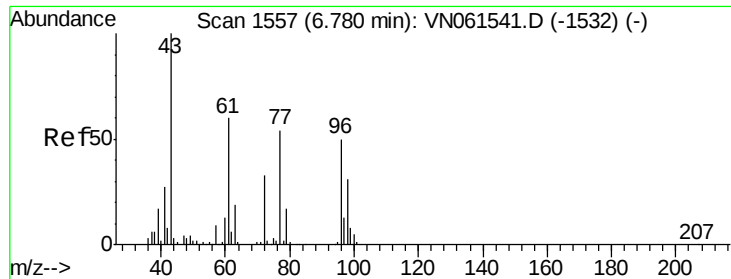
Tot Ion: 43 Resp: 4707
Ion Ratio Lower Upper
43 100
72 26.0 26.0 39.0



#26
2,2-Dichloropropane
Concen: 0.474 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

Tgt Ion: 77 Resp: 2270
Ion Ratio Lower Upper
77 100
97 15.3 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 0.673 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :
MSVOA_N
ClientSampled :

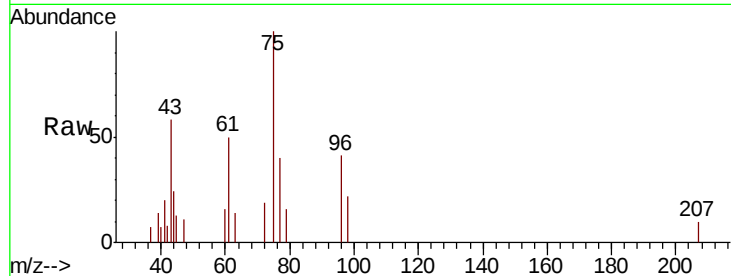
Tot Ion: 96 Resp: 2460

Ion Ratio Lower Upper

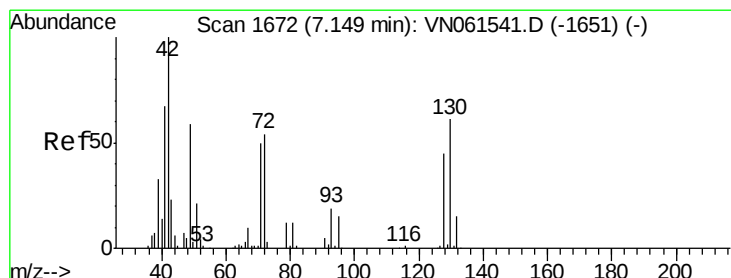
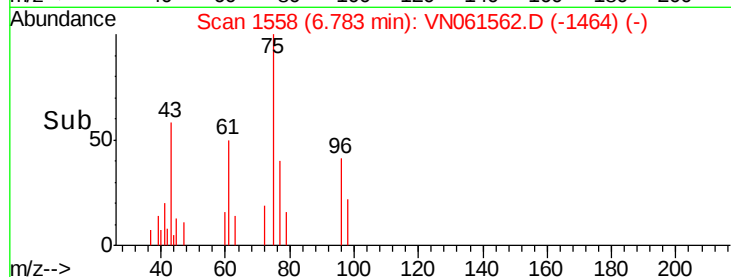
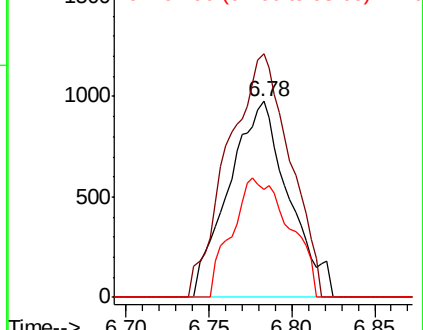
96 100

61 127.7 0.0 252.2

98 58.2 0.0 129.2



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



#28

Bromochloromethane

Concen: 0.422 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

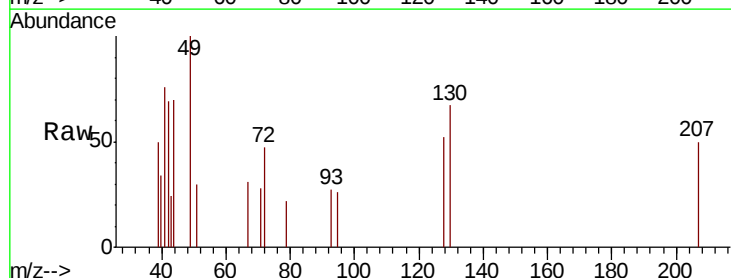
Tgt Ion: 49 Resp: 952

Ion Ratio Lower Upper

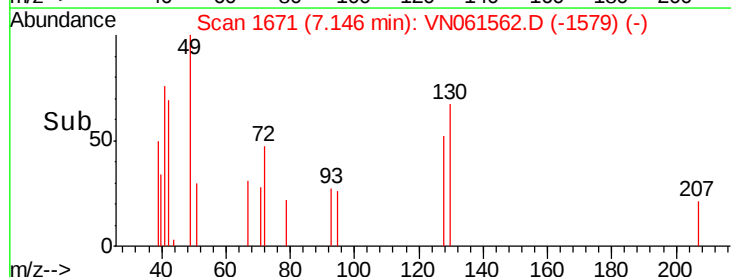
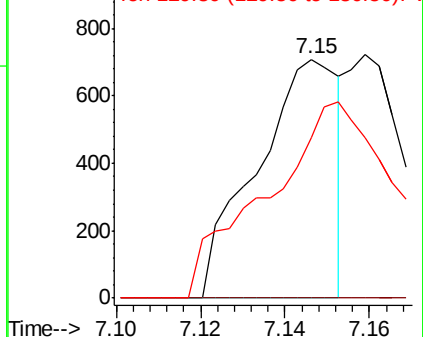
49 100

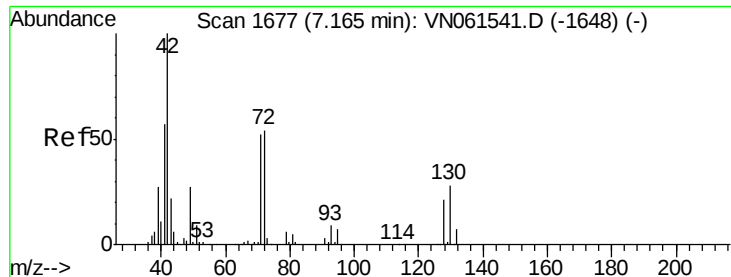
129 0.0 0.0 4.8

130 131.5 78.8 118.2#



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

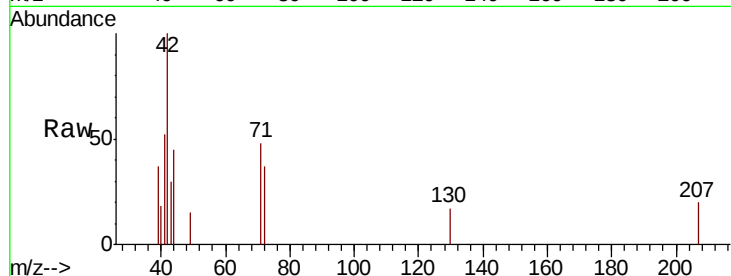




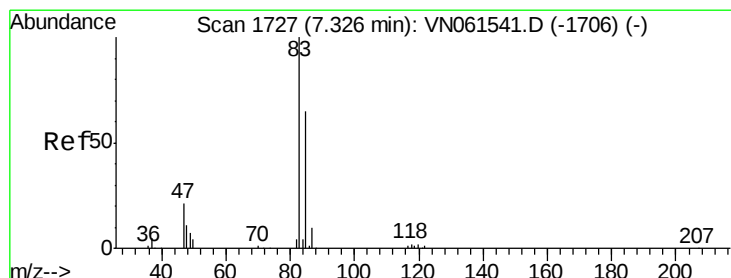
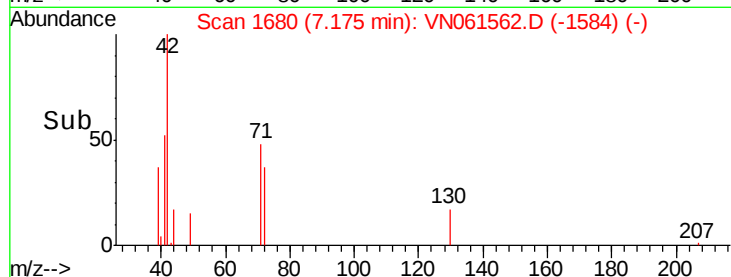
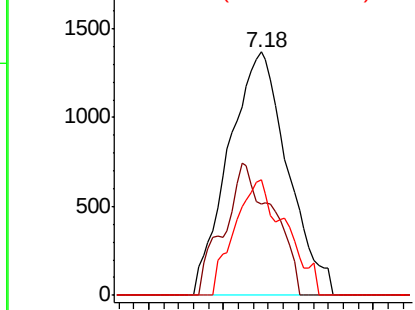
#29
Tetrahydrofuran
Concen: 3.596 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 3753
Ion Ratio Lower Upper
42 100
72 45.2 43.6 65.4
71 41.2 41.2 61.8#

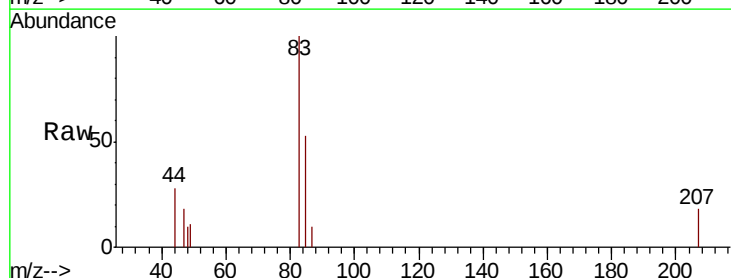


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

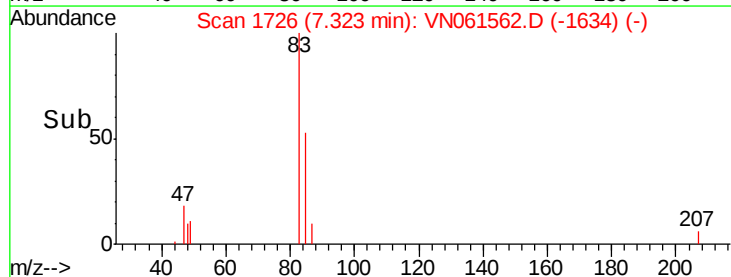
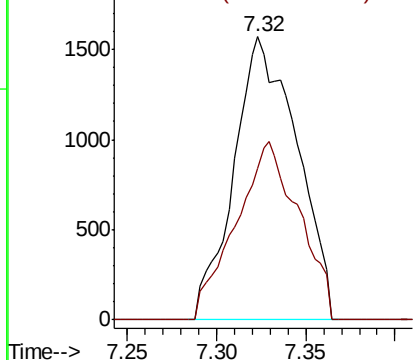


#30
Chloroform
Concen: 0.669 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

Tgt Ion: 83 Resp: 3874
Ion Ratio Lower Upper
83 100
85 53.4 51.7 77.5



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





#31

Cyclohexane

Concen: 1.861 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :

MSVOA_N

ClientSampled :

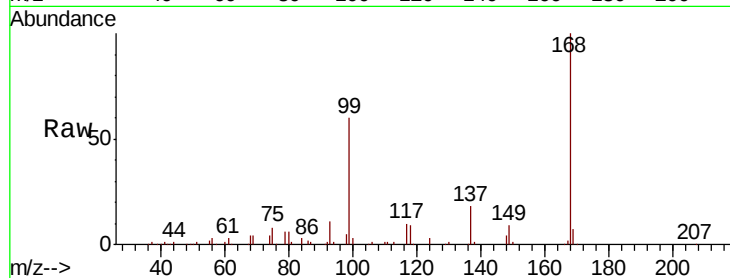
Tot Ion: 56 Resp: 8760

Ion Ratio Lower Upper

56 100

69 133.3 27.8 41.8#

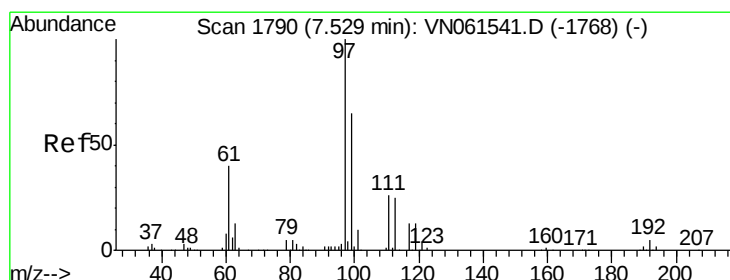
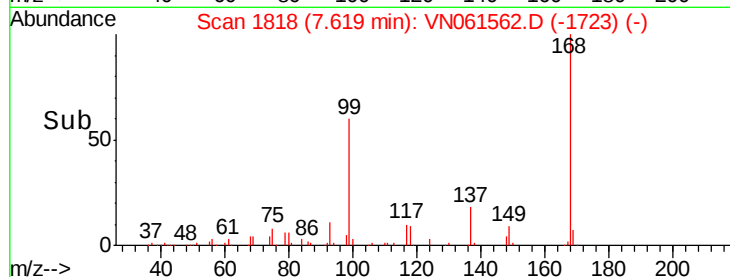
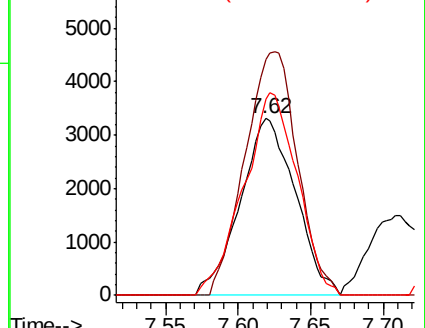
84 111.1 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061541.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN061541.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN061541.D (-1794) (-)



#32

1,1,1-Trichloroethane

Concen: 0.658 ug/l

RT: 7.53 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

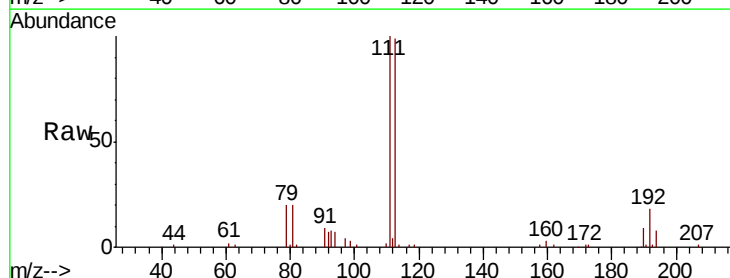
Tgt Ion: 97 Resp: 3472

Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

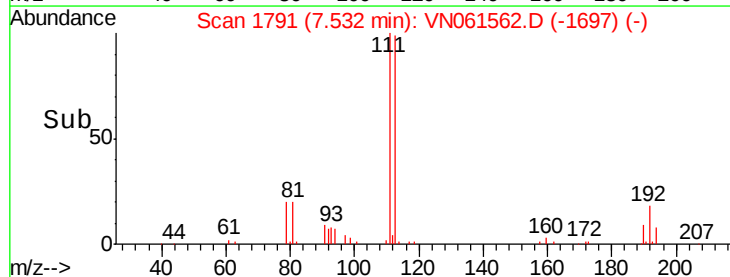
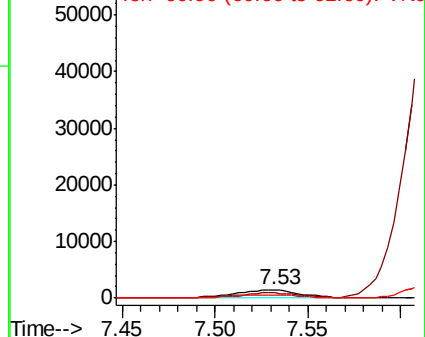
61 40.9 31.4 47.0



Abundance Ion 96.90 (96.60 to 97.60): VN061541.D (-1768) (-)

Ion 98.90 (98.60 to 99.60): VN061541.D (-1768) (-)

Ion 60.90 (60.60 to 61.60): VN061541.D (-1768) (-)





#33

1,2-Dichloroethane-d4

Concen: 57.018 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :

MSVOA_N

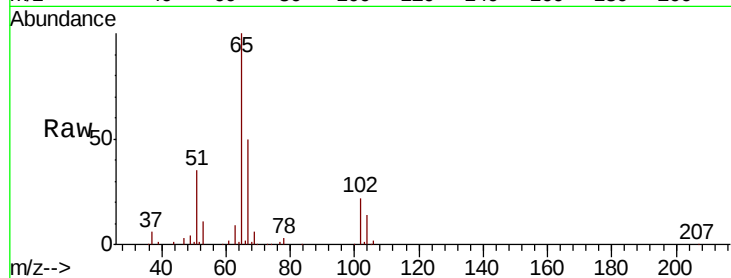
ClientSampleId :

Tot Ion: 65 Resp: 190422

Ion Ratio Lower Upper

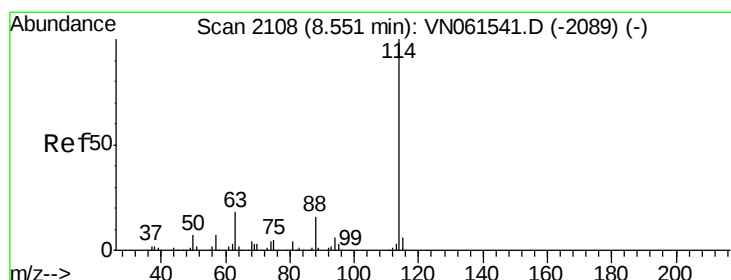
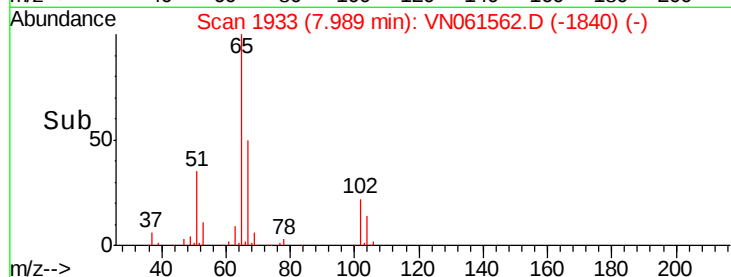
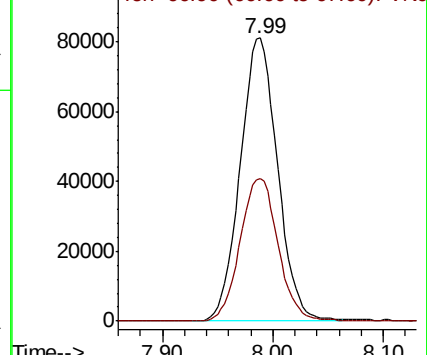
65 100

67 51.2 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN061541.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN061541.D (-1914) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

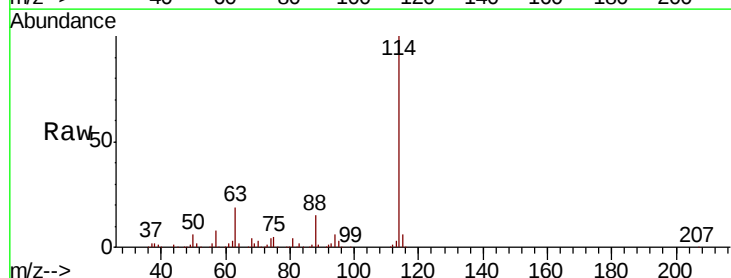
Tgt Ion: 114 Resp: 503158

Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.8

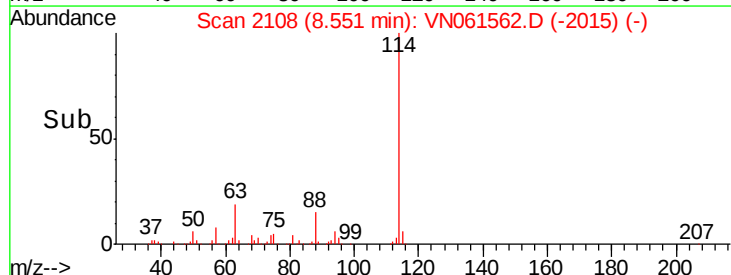
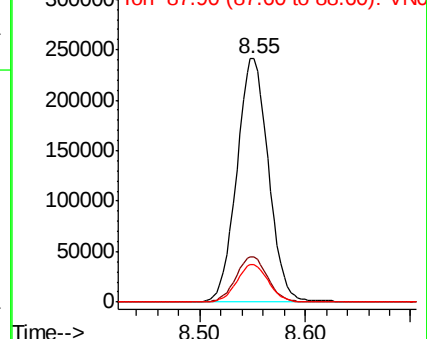
88 15.4 0.0 31.0

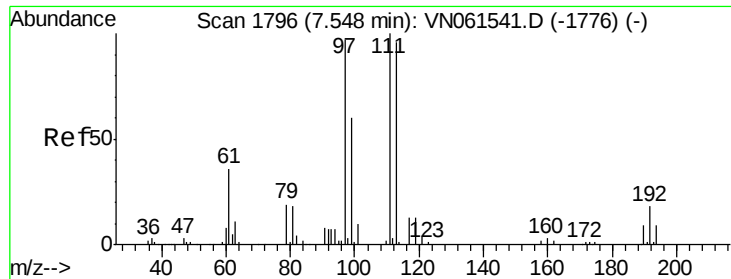


Abundance Ion 113.90 (113.60 to 114.60): VN061541.D (-2089) (-)

Ion 63.00 (62.70 to 63.70): VN061541.D (-2089) (-)

Ion 87.90 (87.60 to 88.60): VN061541.D (-2089) (-)

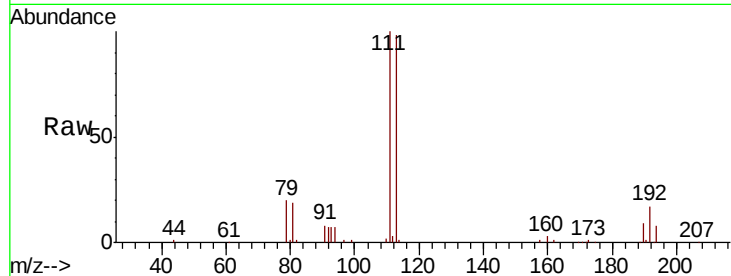




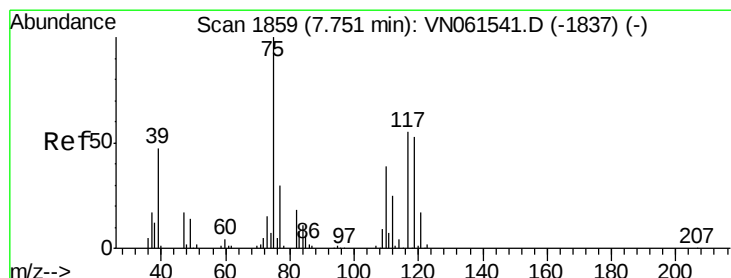
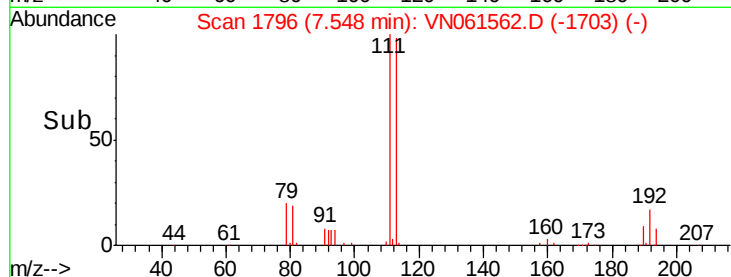
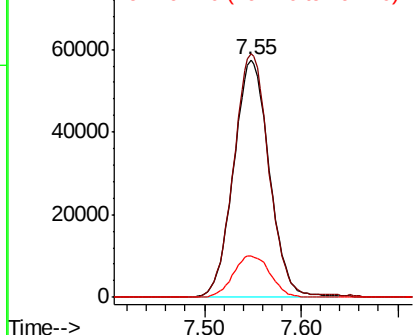
#35
 Dibromofluoromethane
 Concen: 57.743 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061562.D
 Acq: 29 May 2020 13:15

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	83.4	125.0
192	18.1	15.4	23.2

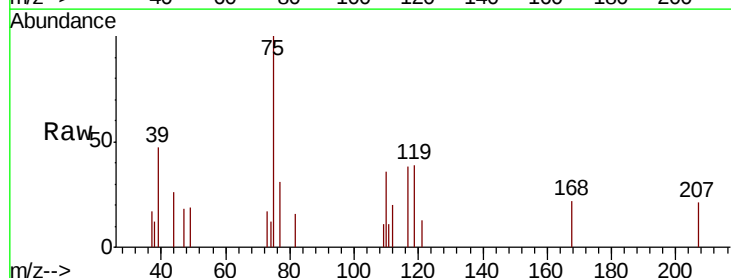


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

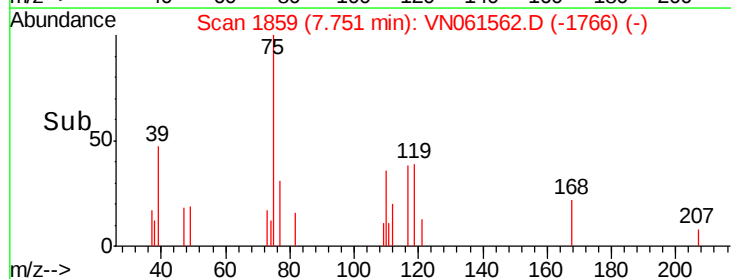
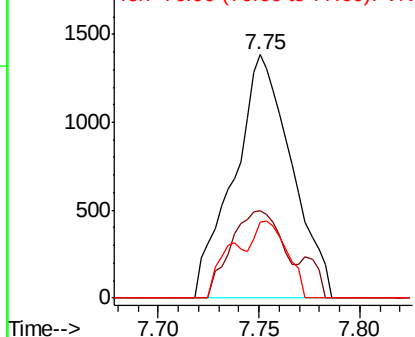


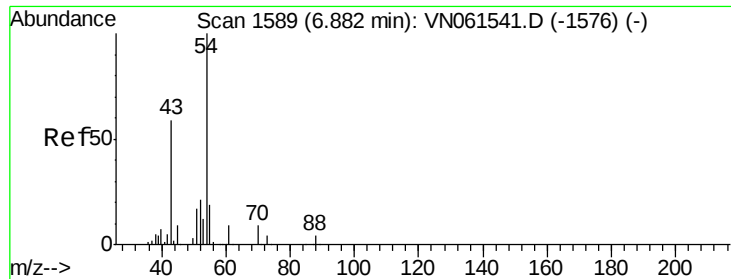
#36
 1,1-Dichloropropene
 Concen: 0.619 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061562.D
 Acq: 29 May 2020 13:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.0	19.5	58.5
77	18.3	24.7	37.1#



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

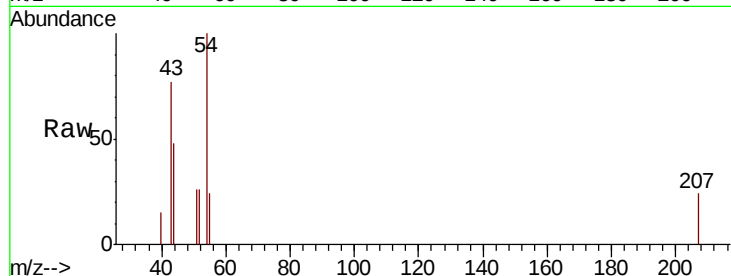




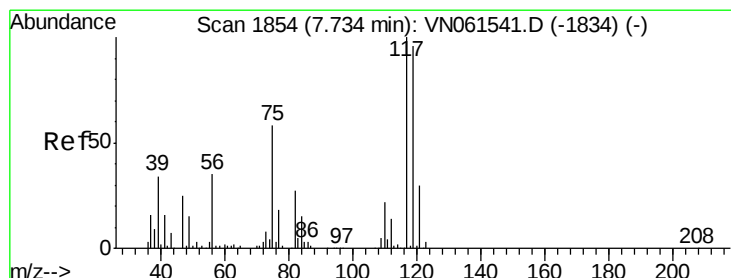
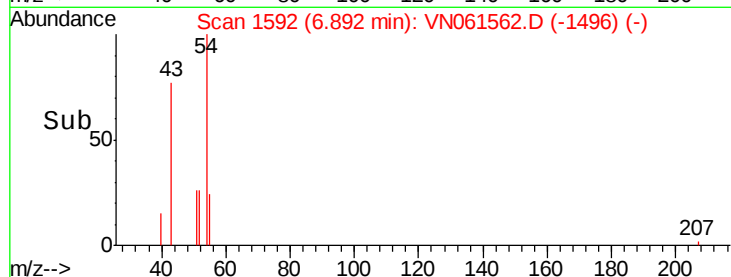
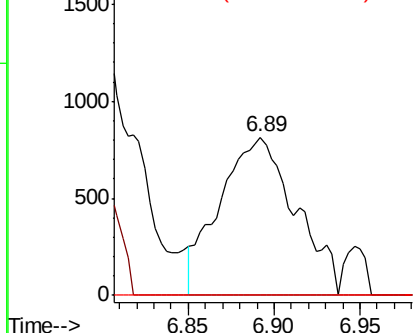
#37
Ethyl Acetate
Concen: 0.695 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 2494
Ion Ratio Lower Upper
43 100
61 0.0 12.2 18.4#
70 0.0 9.4 14.2#

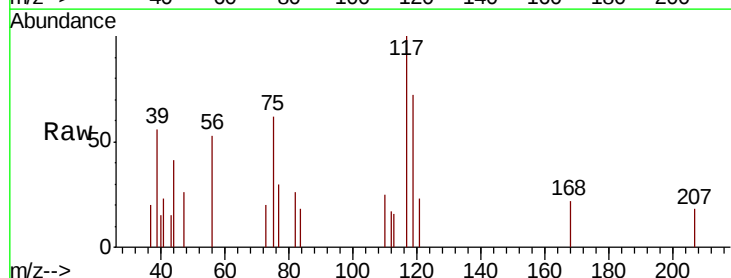


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

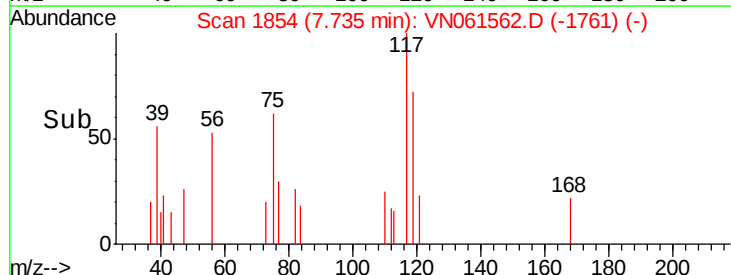
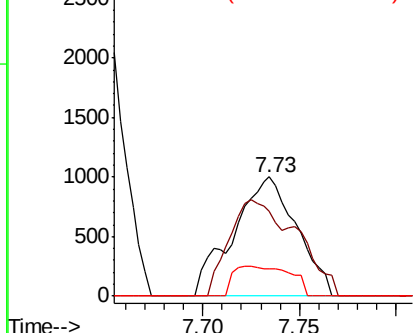


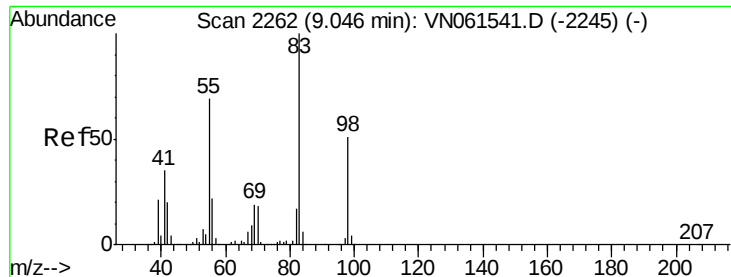
#38
Carbon Tetrachloride
Concen: 0.531 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

Tgt Ion: 117 Resp: 2281
Ion Ratio Lower Upper
117 100
119 71.6 76.5 114.7#
121 23.4 24.1 36.1#



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

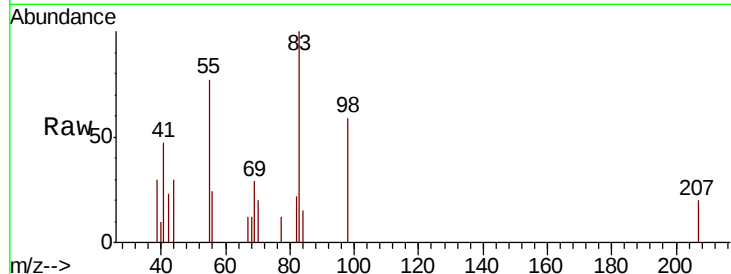




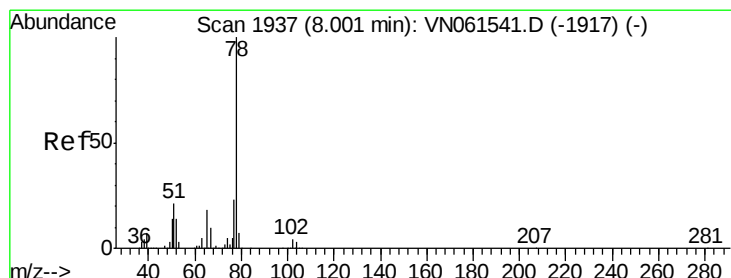
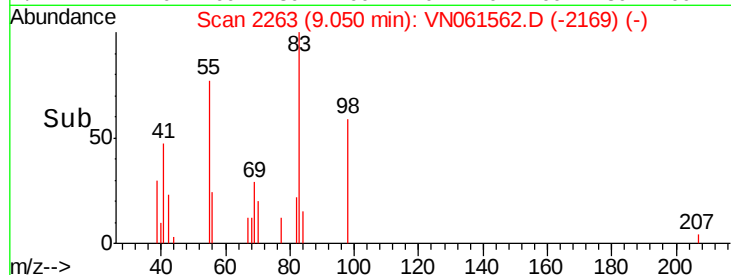
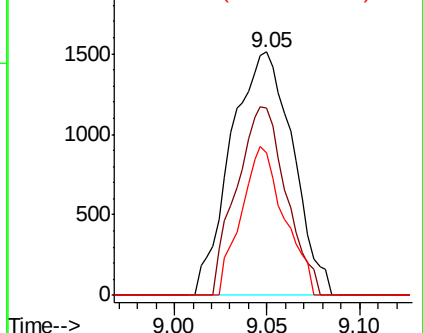
#39
Methvlcvclohexane
Concen: 0.638 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 3505
Ion Ratio Lower Upper
83 100
55 76.8 54.9 82.3
98 58.8 41.0 61.4

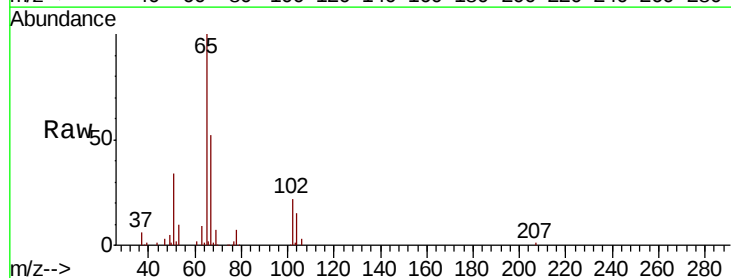


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

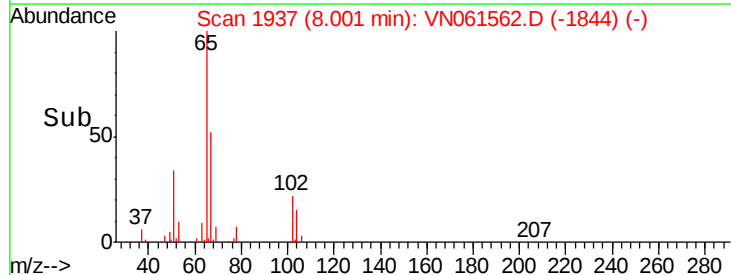
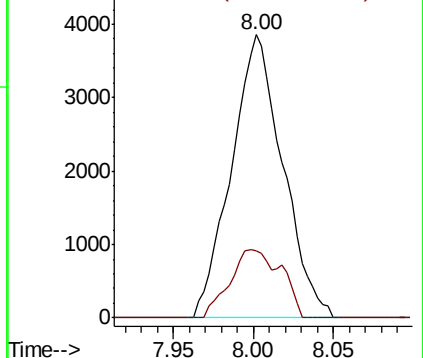


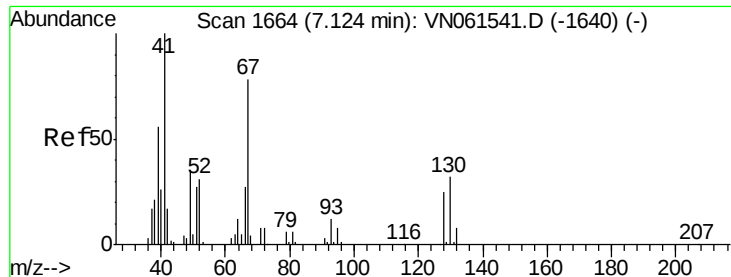
#40
Benzene
Concen: 0.615 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

Tgt Ion: 78 Resp: 8459
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0



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

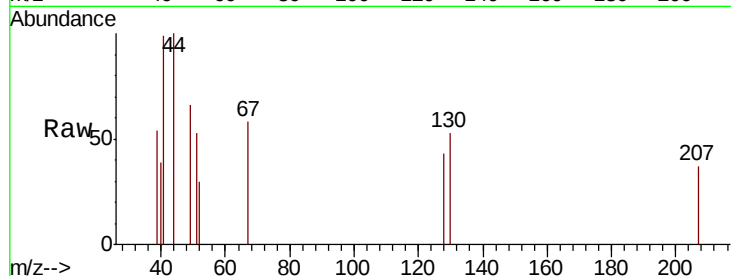




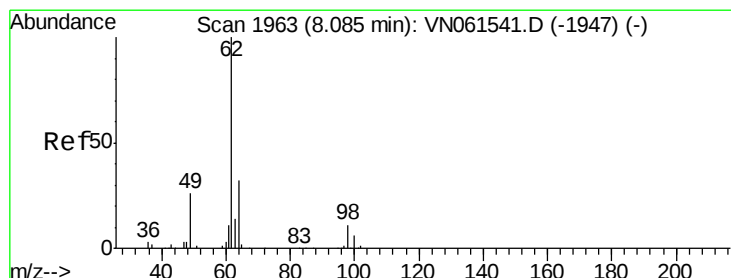
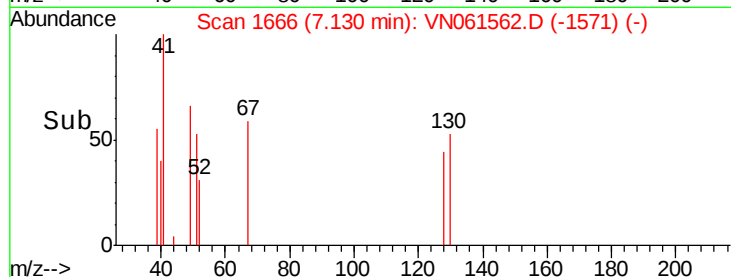
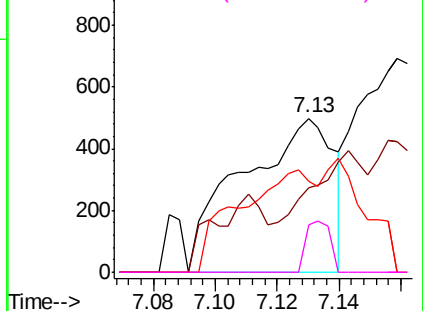
#41
Methacrylonitrile
Concen: 0.621 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 1021
Ion Ratio Lower Upper
41 100
39 23.2 53.8 80.6#
67 56.8 91.1 136.7#
52 8.8 36.0 54.0#

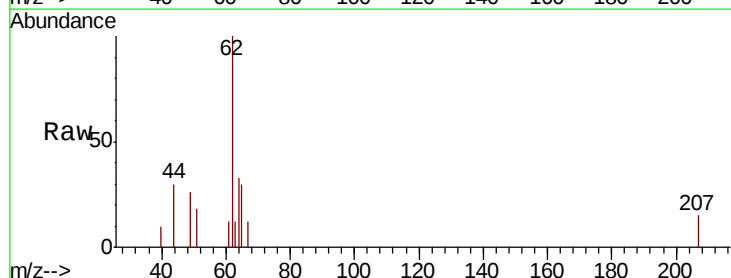


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

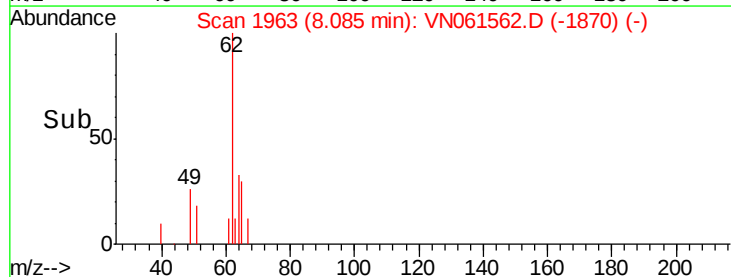
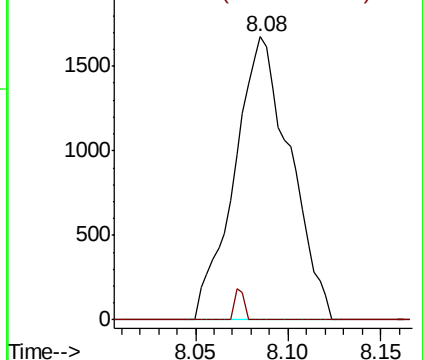


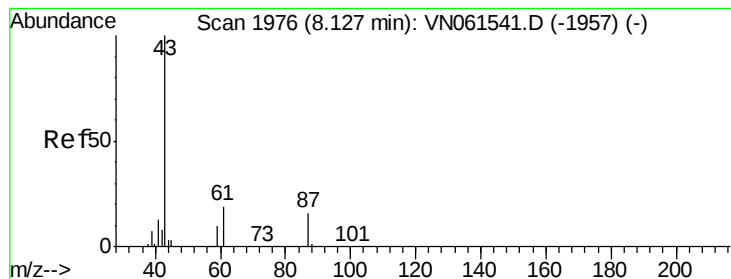
#42
1,2-Dichloroethane
Concen: 0.760 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

Tgt Ion: 62 Resp: 3499
Ion Ratio Lower Upper
62 100
98 1.9 0.0 21.4



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





#43

Isopropyl Acetate

Concen: 0.617 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :

MSVOA_N

ClientSampleId :

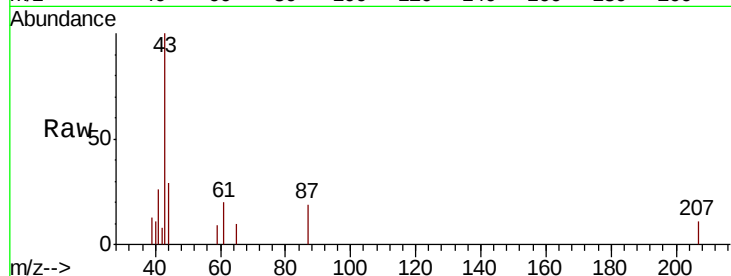
Tot Ion: 43 Resp: 3984

Ion Ratio Lower Upper

43 100

61 9.5 23.6 35.4#

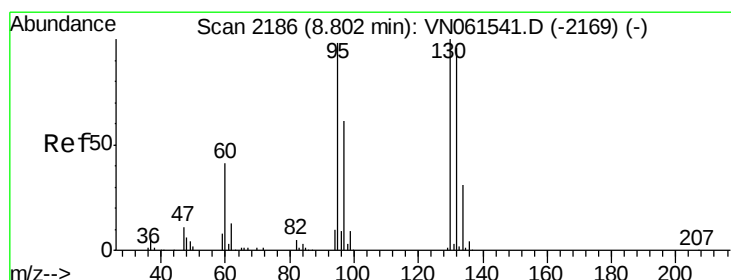
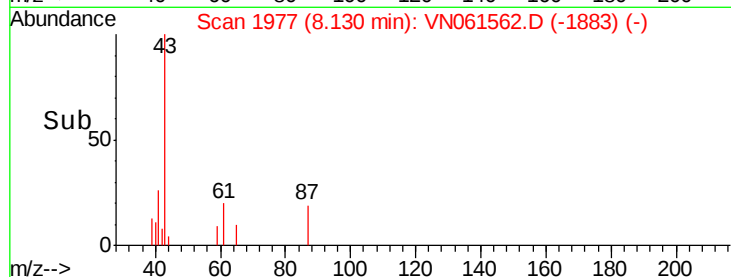
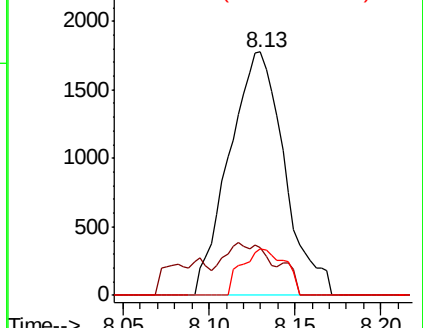
87 14.9 13.0 19.6



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN061541.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN061541.D (-1957) (-)



#44

Trichloroethene

Concen: 0.614 ug/l

RT: 8.81 min Scan# 2188

Delta R.T. 0.01 min

Lab File: VN061562.D

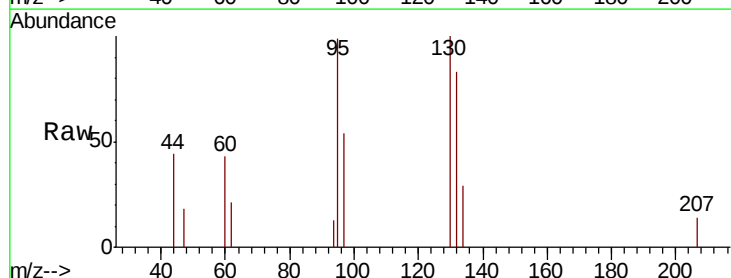
Acq: 29 May 2020 13:15

Tgt Ion: 130 Resp: 2593

Ion Ratio Lower Upper

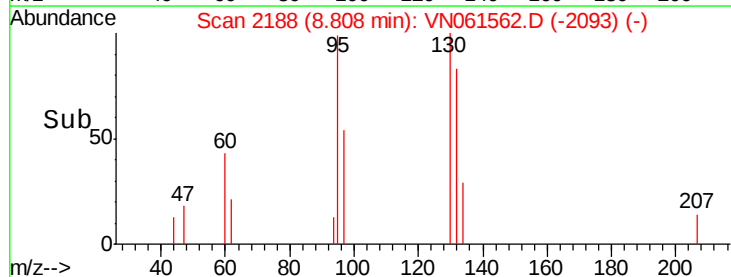
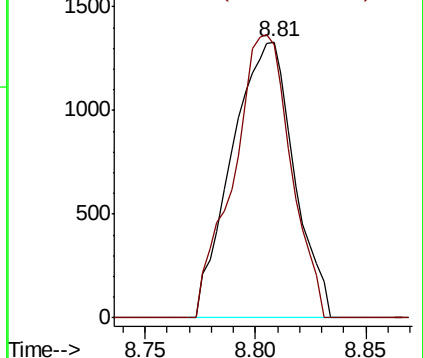
130 100

95 99.0 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): VN061541.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN061541.D (-2169) (-)





#45

1,2-Dichloropropane

Concen: 0.614 ug/l

RT: 9.09 min Scan# 2275

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :

MSVOA_N

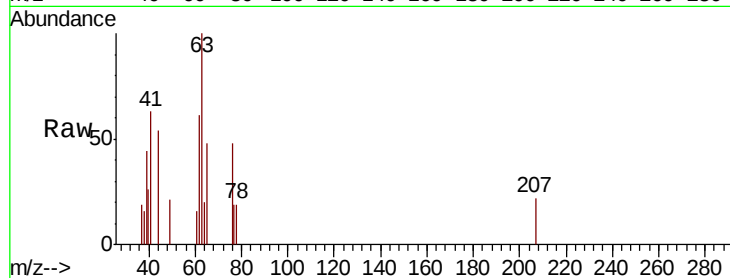
ClientSampled :

Tot Ion: 63 Resp: 2003

Ion Ratio Lower Upper

63 100

65 47.7 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VN061541.D (-2250) (-)

Ion 64.90 (64.60 to 65.60): VN061541.D (-2250) (-)

9.09

1000

800

600

400

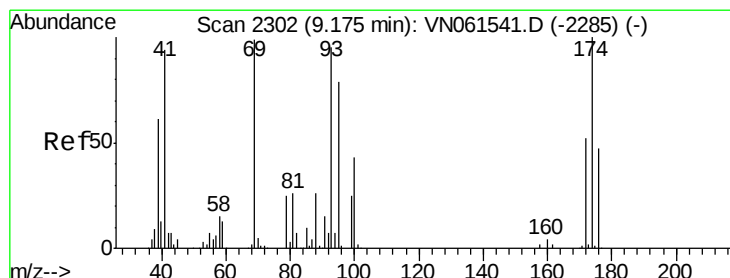
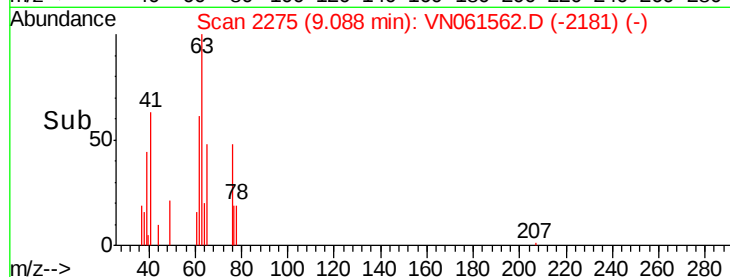
200

0

9.05

9.10

Time-->



#46

Dibromomethane

Concen: 0.543 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

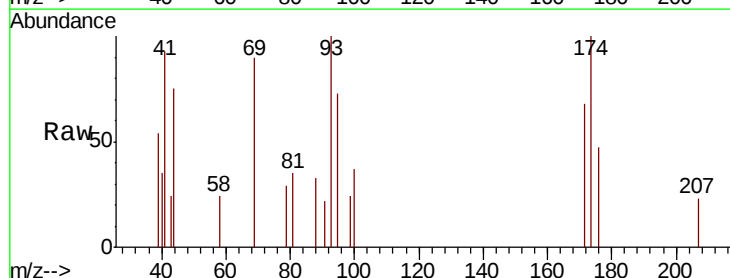
Tgt Ion: 93 Resp: 1358

Ion Ratio Lower Upper

93 100

95 84.0 66.0 99.0

174 99.0 82.5 123.7



Abundance Ion 92.80 (92.50 to 93.50): VN061541.D (-2285) (-)

Ion 94.80 (94.50 to 95.50): VN061541.D (-2285) (-)

Ion 173.70 (173.40 to 174.40): VN061541.D (-2285) (-)

1000

800

600

400

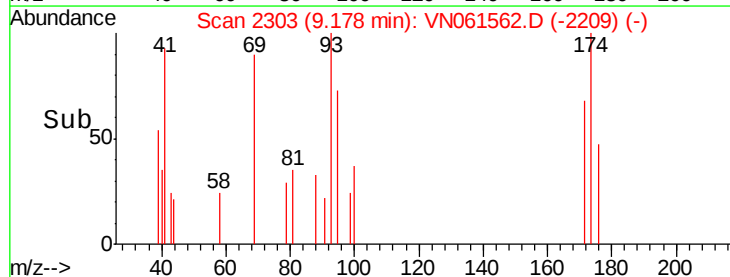
200

0

9.15

9.20

Time-->





#47

Bromodichloromethane

Concen: 0.514 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :

MSVOA_N

ClientSampleId :

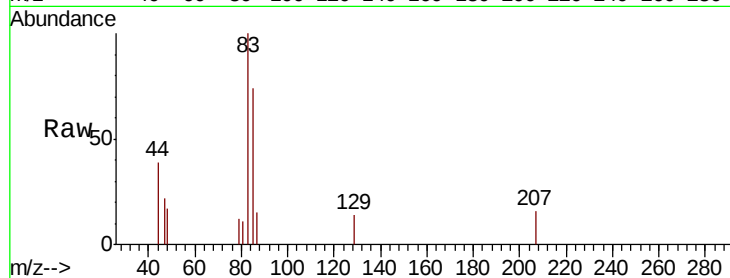
Tot Ion: 83 Resp: 2549

Ion Ratio Lower Upper

83 100

85 74.2 51.1 76.7

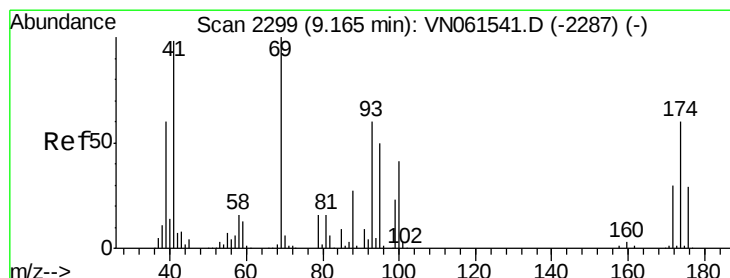
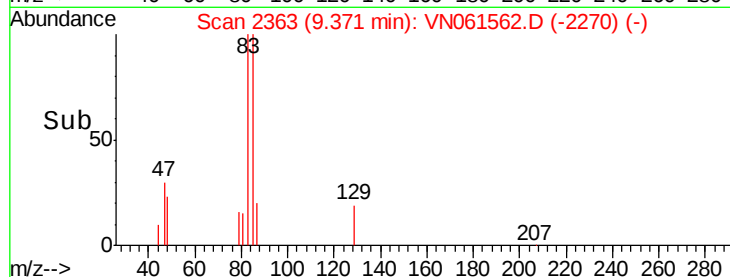
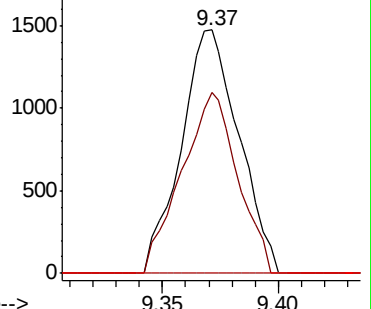
127 0.0 7.2 10.8#



Abundance Ion 82.90 (82.60 to 83.60): VN061541.D (-2346) (-)

Ion 84.90 (84.60 to 85.60): VN061541.D (-2346) (-)

Ion 126.80 (126.50 to 127.50): VN061541.D (-2346) (-)



#48

Methyl methacrylate

Concen: 0.613 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

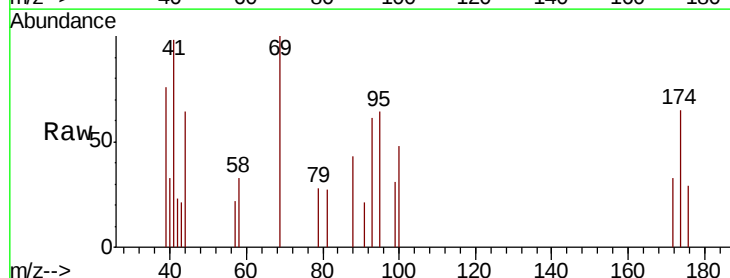
Tgt Ion: 41 Resp: 1781

Ion Ratio Lower Upper

41 100

69 89.7 83.9 125.9

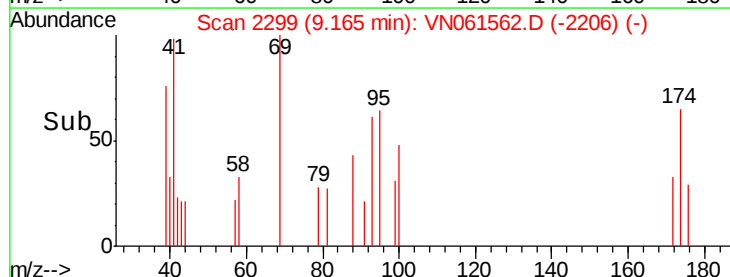
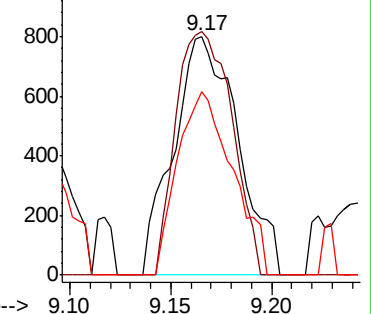
39 65.9 52.1 78.1

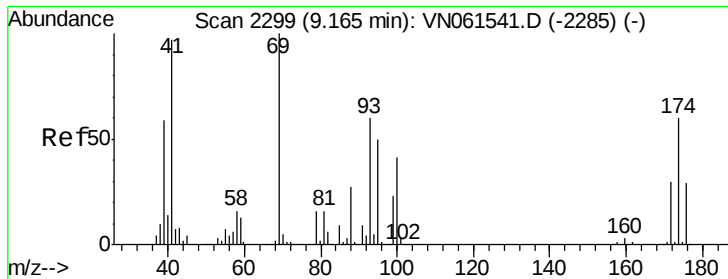


Abundance Ion 41.00 (40.70 to 41.70): VN061541.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN061541.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN061541.D (-2287) (-)

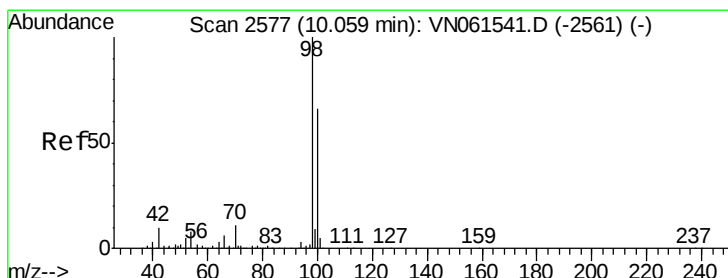
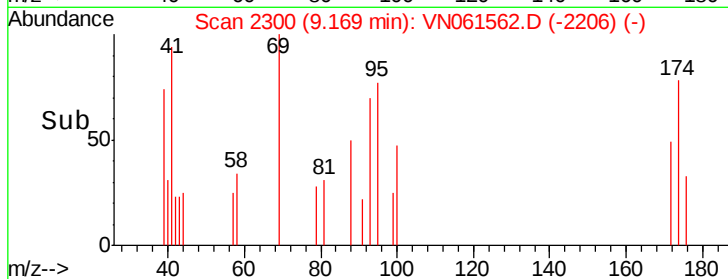
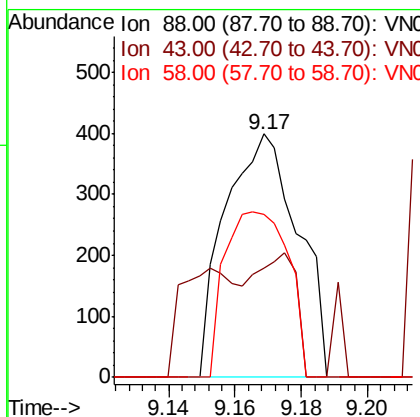
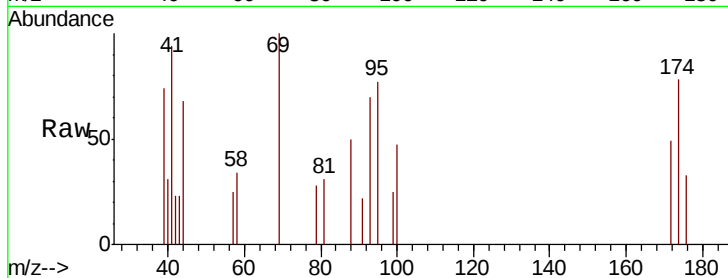




#49
 1,4-Dioxane
 Concen: 13.582 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN061562.D
 Acq: 29 May 2020 13:15

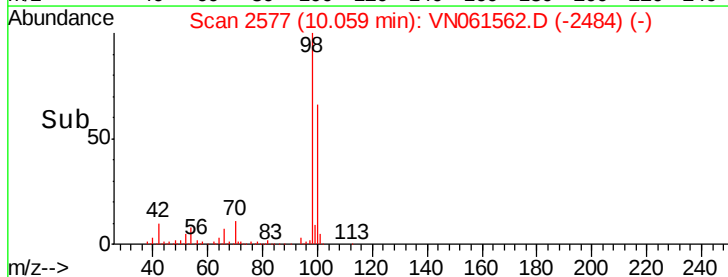
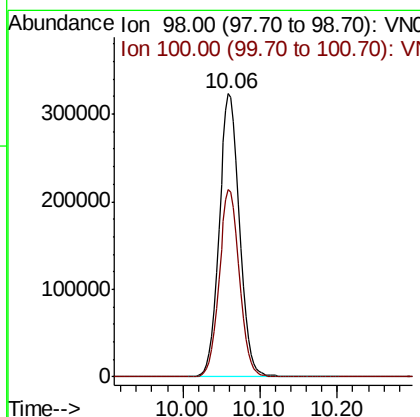
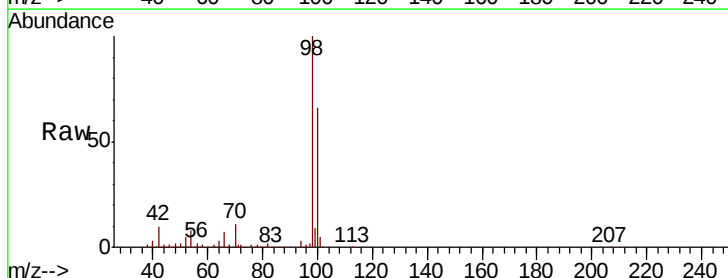
Instrument :
 MSVOA_N
 ClientSampled :

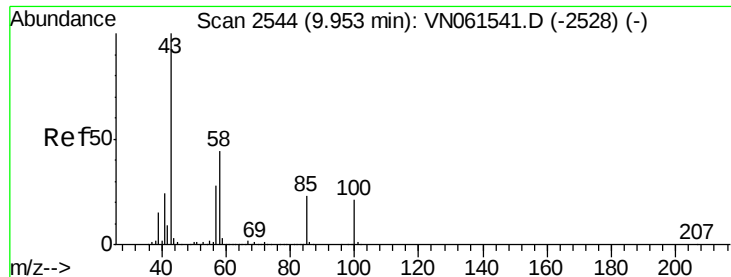
Tot Ion: 88 Resp: 611
 Ion Ratio Lower Upper
 88 100
 43 35.7 23.1 34.7#
 58 58.8 48.3 72.5



#50
 Toluene-d8
 Concen: 50.280 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN061562.D
 Acq: 29 May 2020 13:15

Tgt Ion: 98 Resp: 594724
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 2.683 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :

MSVOA_N

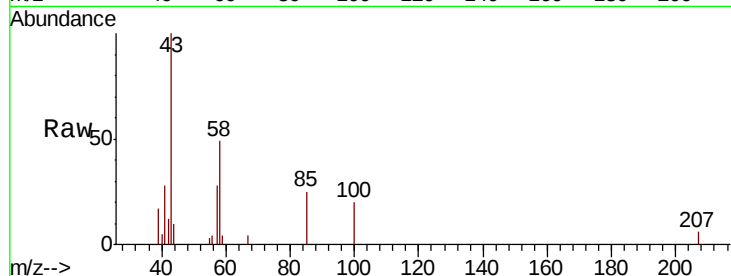
ClientSampled :

Tot Ion: 43 Resp: 9760

Ion Ratio Lower Upper

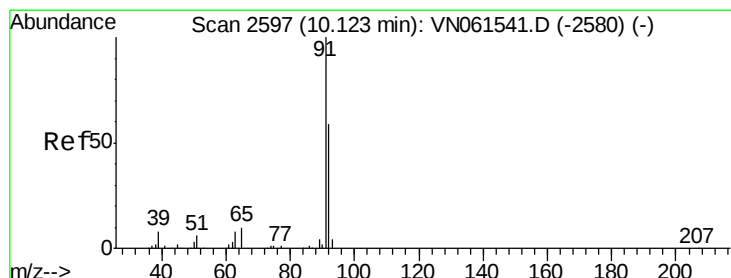
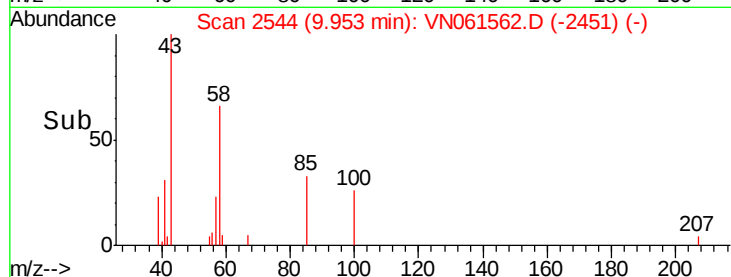
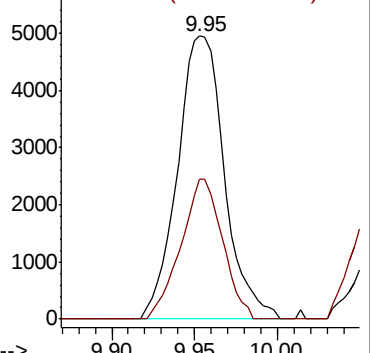
43 100

58 43.7 35.0 52.6



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN061541.D (-2528) (-)



#52

Toluene

Concen: 0.641 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN061562.D

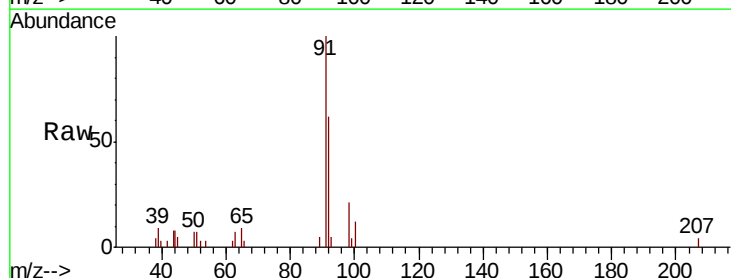
Acq: 29 May 2020 13:15

Tgt Ion: 92 Resp: 5749

Ion Ratio Lower Upper

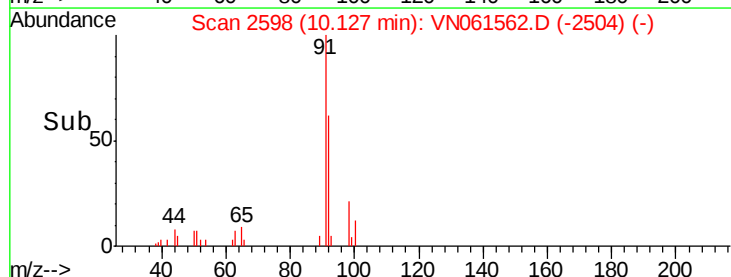
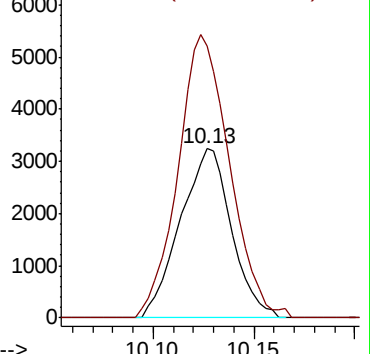
92 100

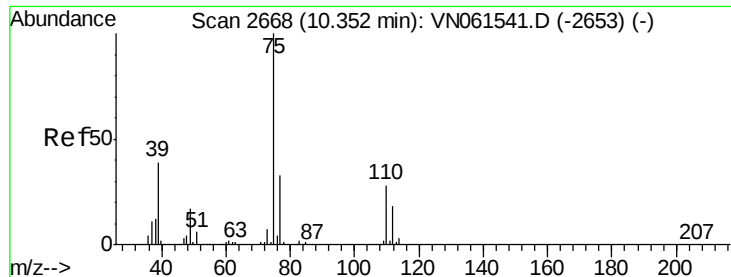
91 168.5 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VN061541.D (-2580) (-)

Ion 91.00 (90.70 to 91.70): VN061541.D (-2580) (-)





#53

t-1,3-Dichloropropene

Concen: 0.531 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :

MSVOA_N

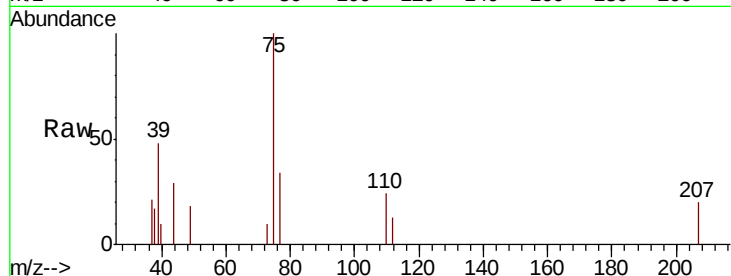
ClientSampled :

Tot Ion: 75 Resp: 2837

Ion Ratio Lower Upper

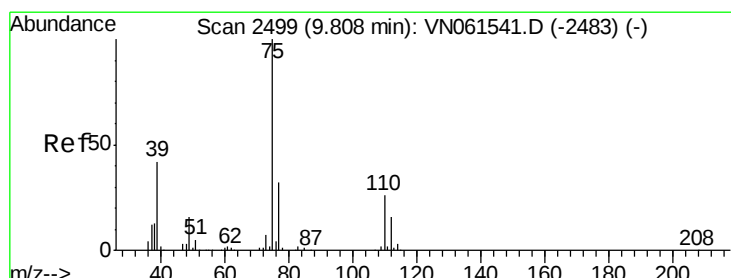
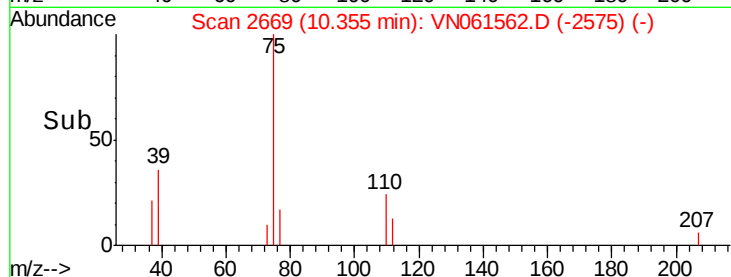
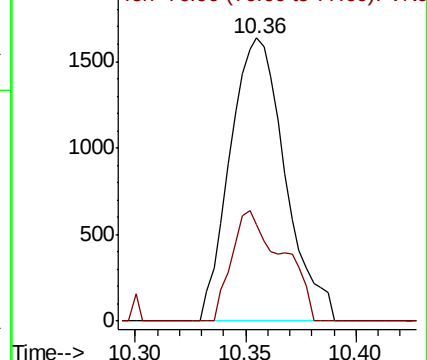
75 100

77 33.9 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 0.559 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

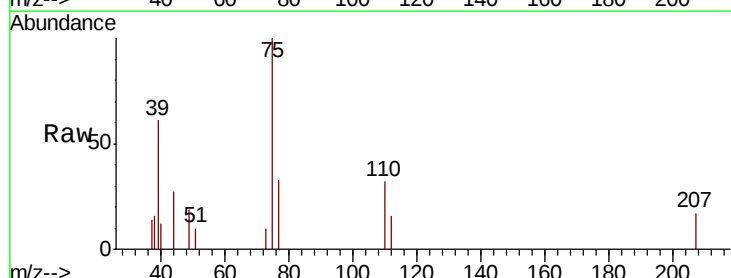
Tgt Ion: 75 Resp: 3209

Ion Ratio Lower Upper

75 100

77 33.2 25.4 38.2

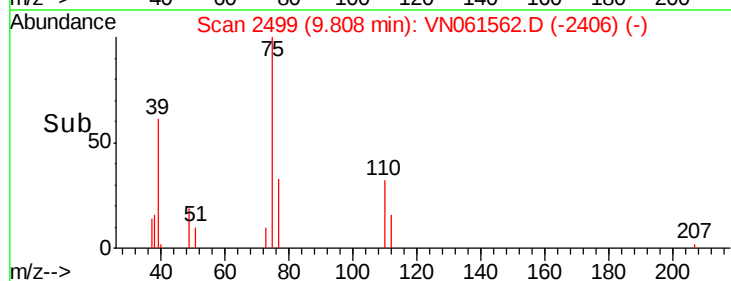
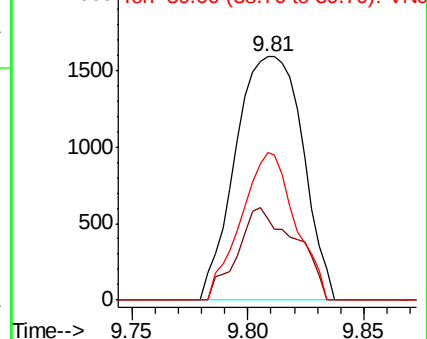
39 60.6 33.8 50.6#

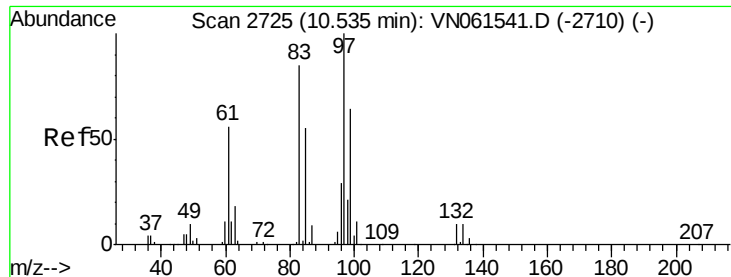


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

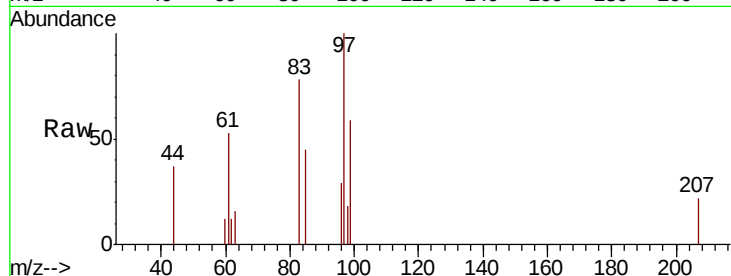




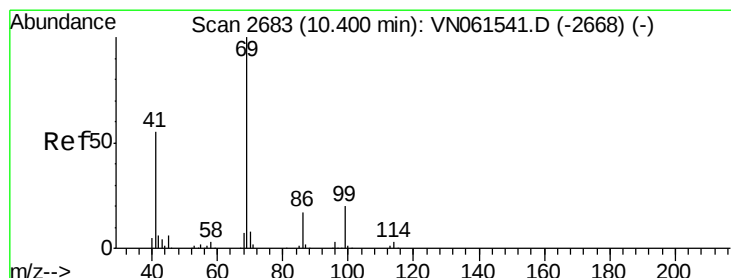
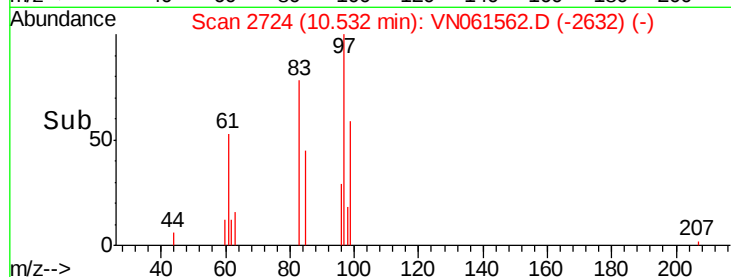
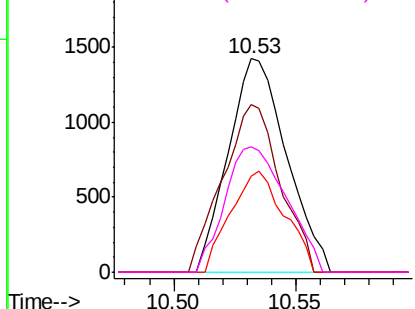
#55
 1,1,2-Trichloroethane
 Concen: 0.661 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061562.D
 Acq: 29 May 2020 13:15

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	2361
Ion	Ratio	Lower	Upper
97	100		
83	78.4	68.1	102.1
85	45.2	44.1	66.1
99	58.8	51.1	76.7

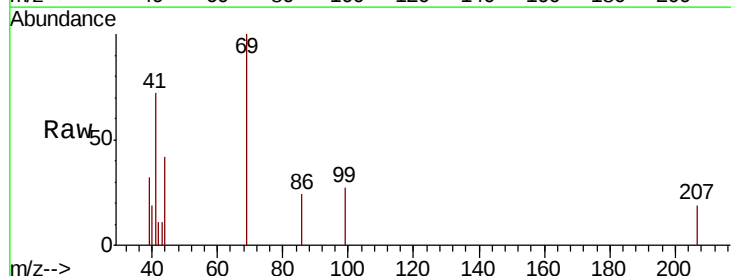


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

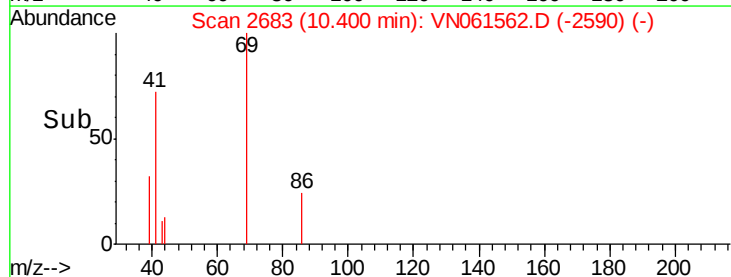
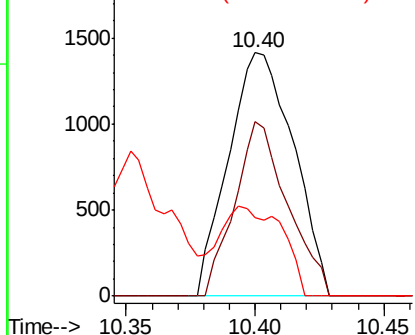


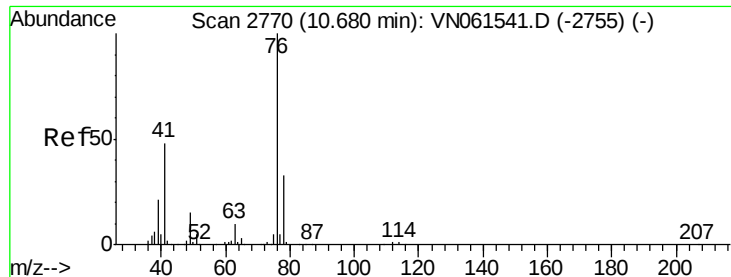
#56
 Ethyl methacrylate
 Concen: 0.497 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061562.D
 Acq: 29 May 2020 13:15

Tgt Ion:	69	Resp:	2481
Ion	Ratio	Lower	Upper
69	100		
41	58.4	43.5	65.3
39	35.1	27.0	40.6



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





#57

1,3-Dichloropropane

Concen: 0.620 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :

MSVOA_N

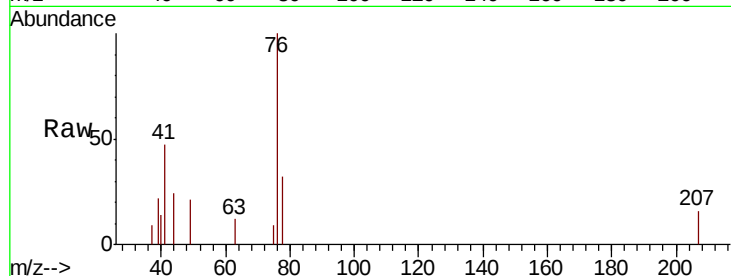
ClientSampled :

Tot Ion: 76 Resp: 3543

Ion Ratio Lower Upper

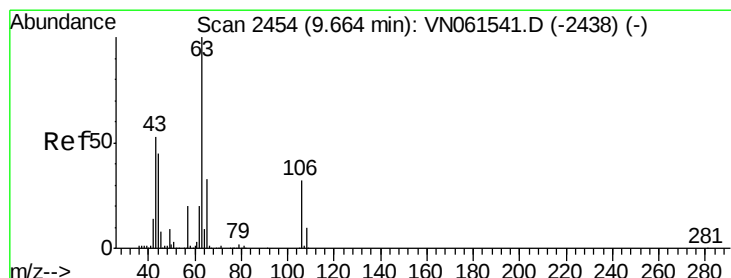
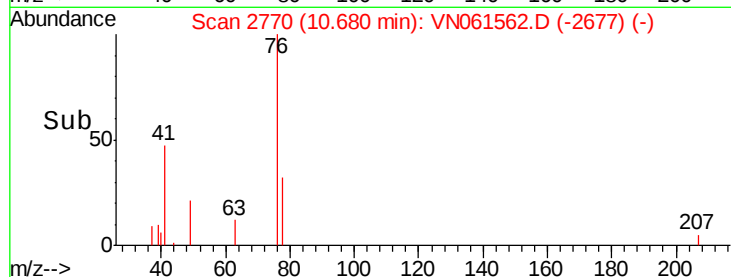
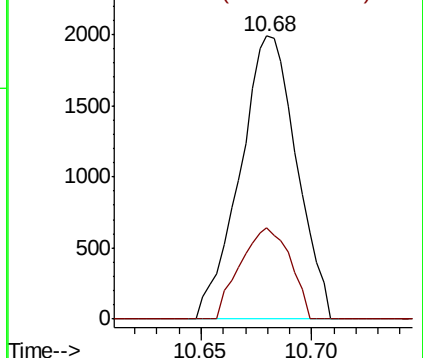
76 100

78 28.5 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 2.766 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN061562.D

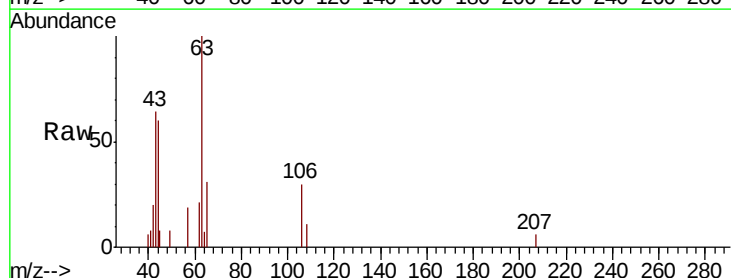
Acq: 29 May 2020 13:15

Tgt Ion: 63 Resp: 5902

Ion Ratio Lower Upper

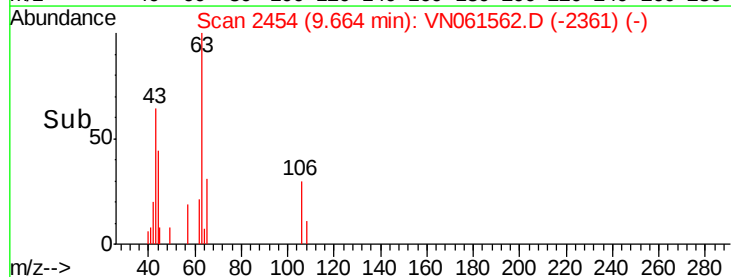
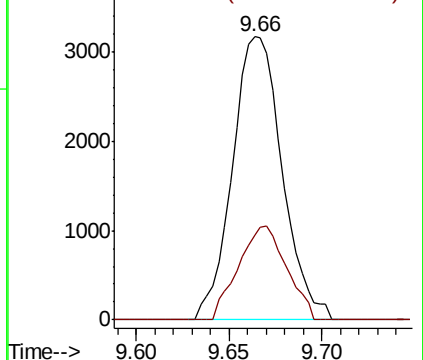
63 100

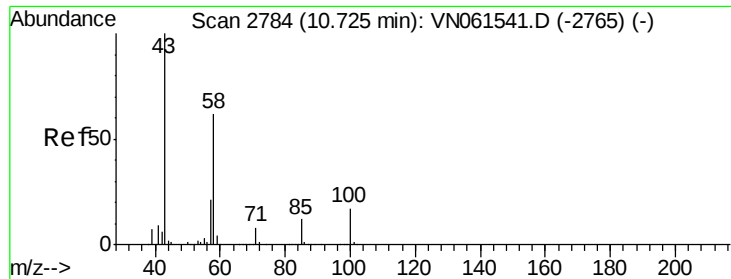
106 32.0 25.9 38.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

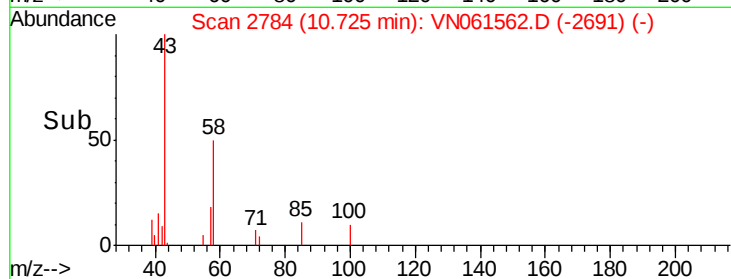
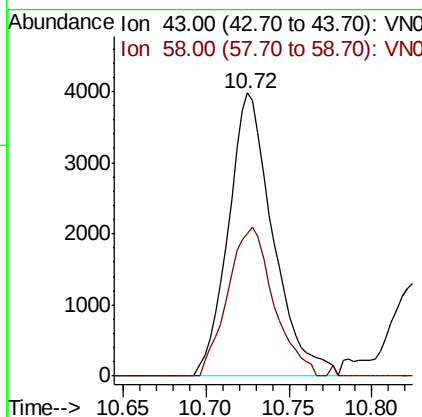
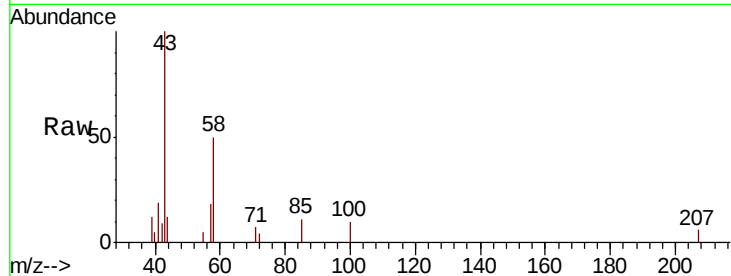




#59
2-Hexanone
Concen: 2.848 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

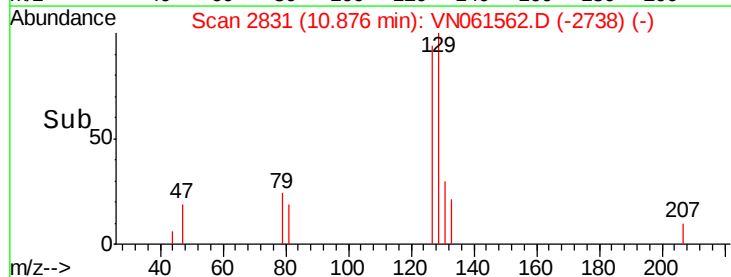
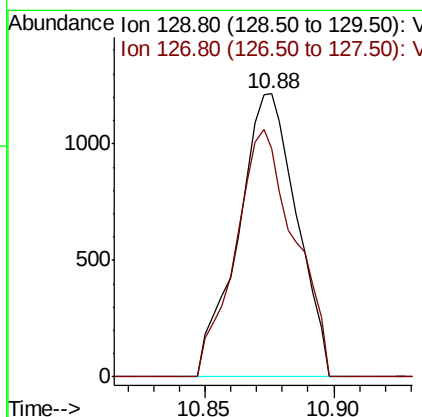
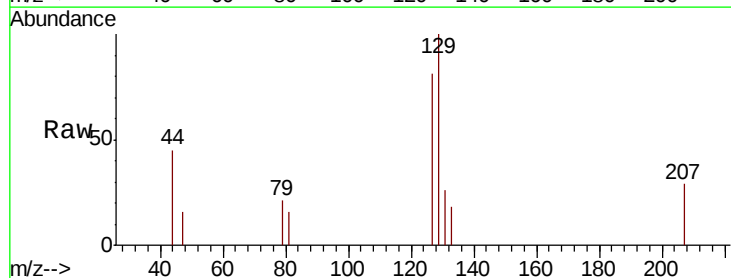
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43.00 Resp: 7439
Ion Ratio Lower Upper
43 100
58 54.2 30.7 92.1



#60
Dibromochloromethane
Concen: 0.475 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

Tgt Ion: 129 Resp: 1929
Ion Ratio Lower Upper
129 100
127 88.5 38.8 116.3





#61

1,2-Dibromoethane

Concen: 0.504 ug/l

RT: 10.98 min Scan# 2864

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :

MSVOA_N

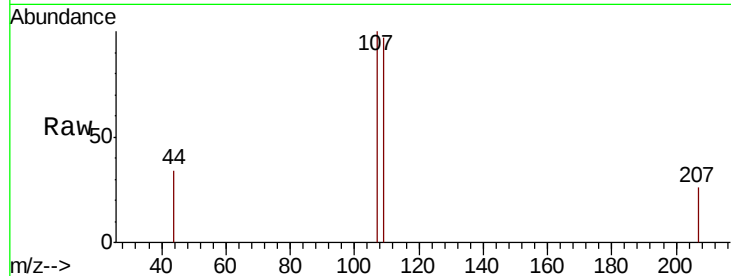
ClientSampled :

Tot Ion: 107 Resp: 1879

Ion Ratio Lower Upper

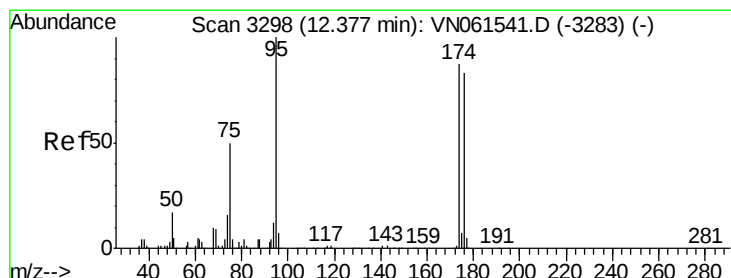
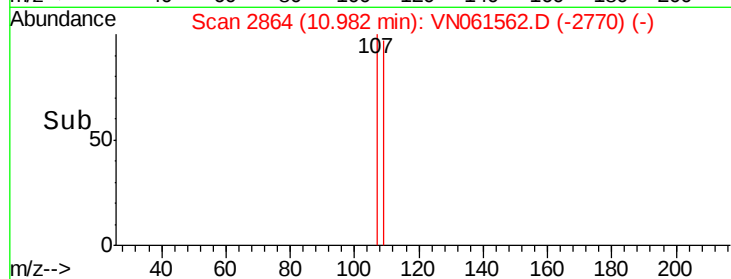
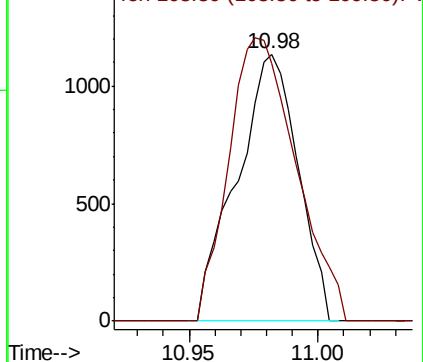
107 100

109 117.0 76.1 114.1#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.699 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

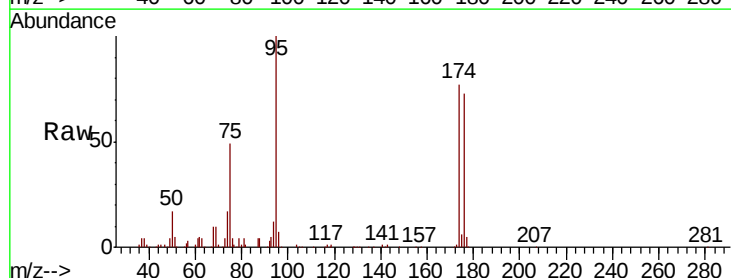
Tgt Ion: 95 Resp: 197209

Ion Ratio Lower Upper

95 100

174 77.2 0.0 172.8

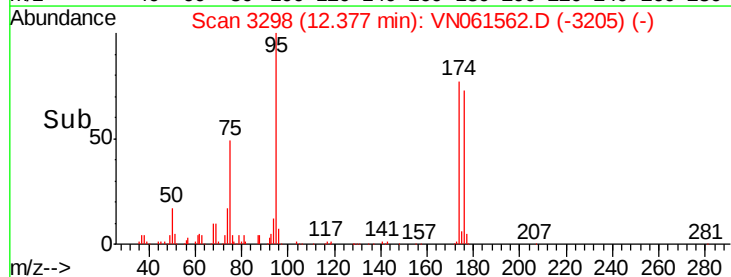
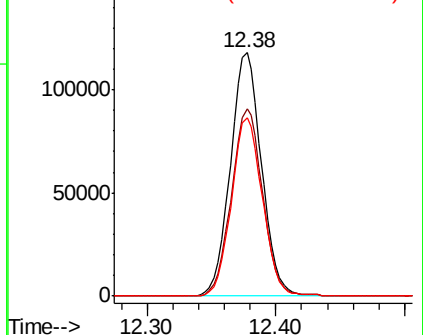
176 73.3 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

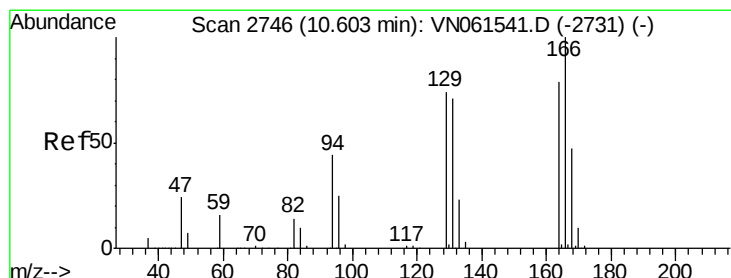
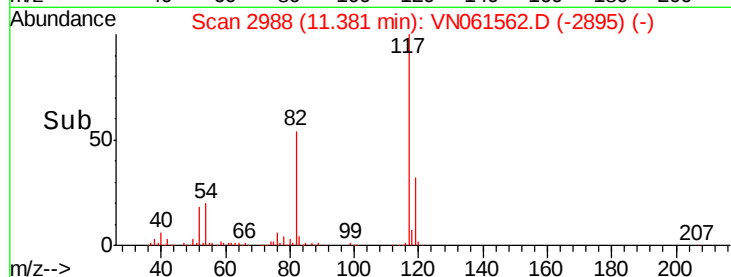
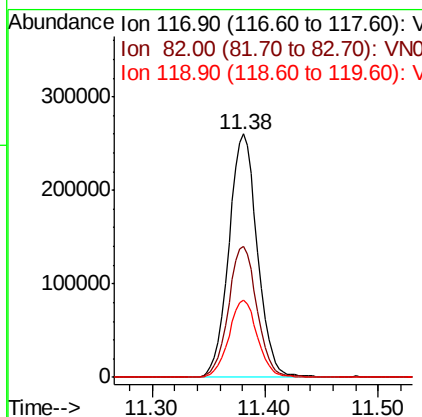
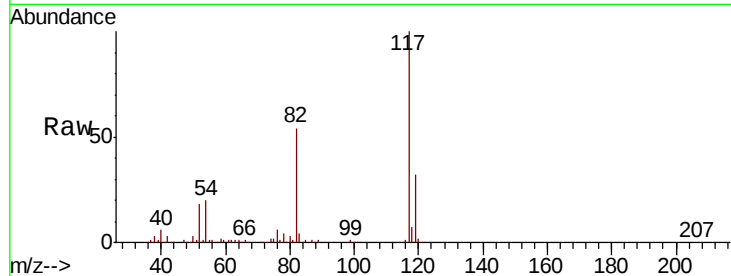




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

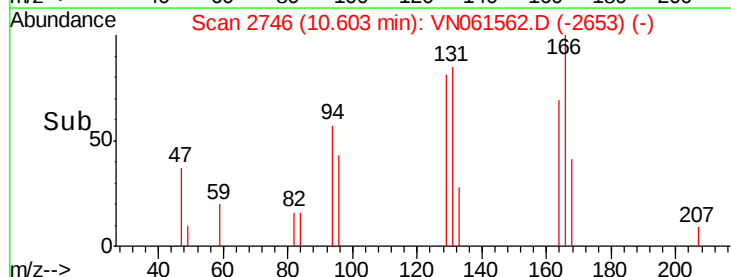
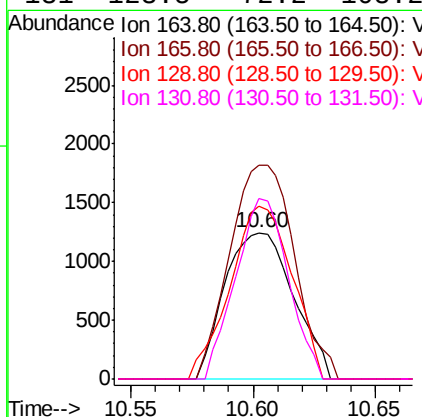
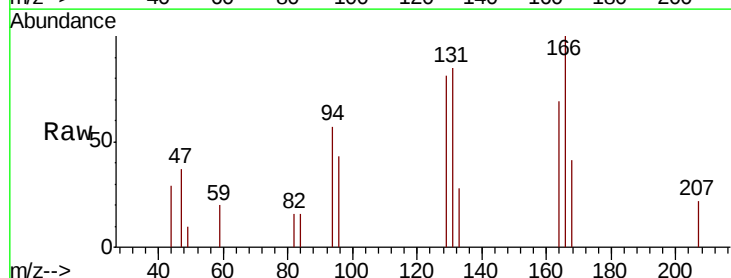
Instrument :
MSVOA_N
ClientSampleId :

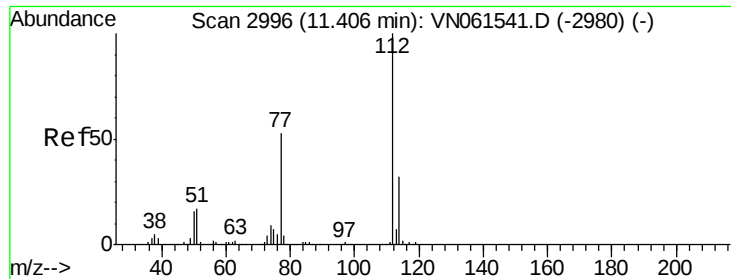
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	41.5	62.3
119	31.6	25.6	38.4



#64
Tetrachloroethene
Concen: 0.566 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	145.6	101.5	152.3
129	117.6	74.9	112.3#
131	123.5	72.2	108.2#

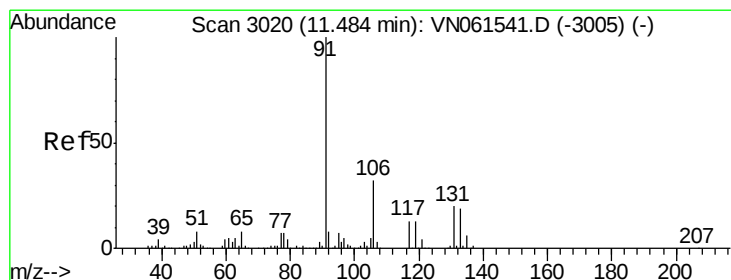
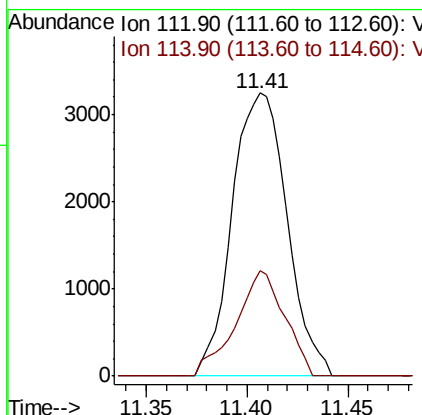
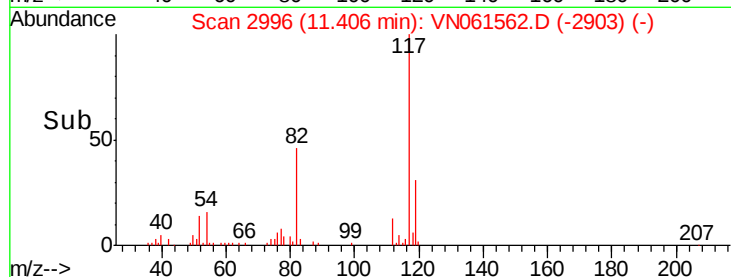
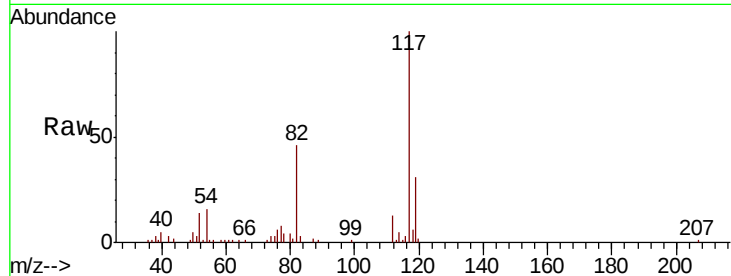




#65
Chlorobenzene
Concen: 0.651 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

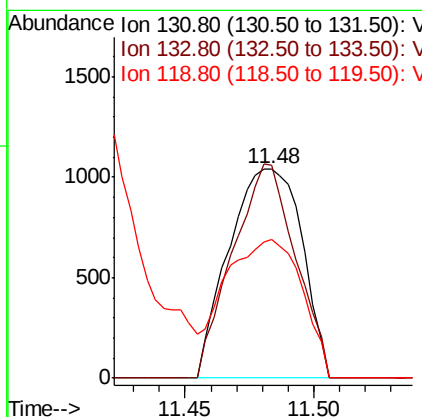
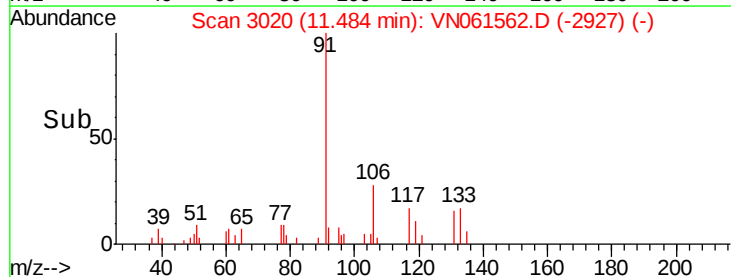
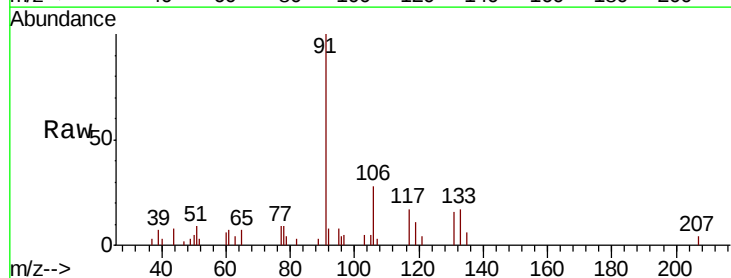
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 6171
Ion Ratio Lower Upper
112 100
114 37.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.581 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

Tgt Ion:131 Resp: 2052
Ion Ratio Lower Upper
131 100
133 88.3 47.4 142.2
119 0.0 32.6 97.8#





#67

Ethyl Benzene

Concen: 0.639 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :

MSVOA_N

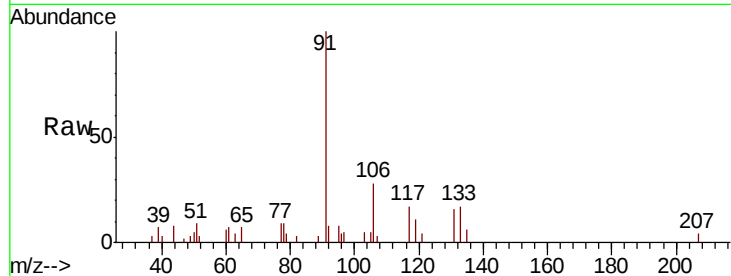
ClientSampled :

Tot Ion: 91 Resp: 10468

Ion Ratio Lower Upper

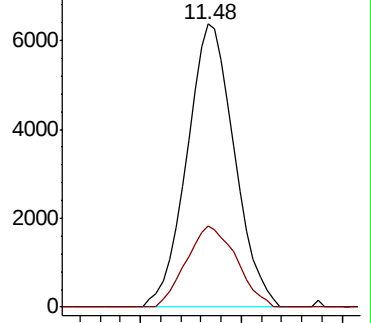
91 100

106 28.5 25.6 38.4

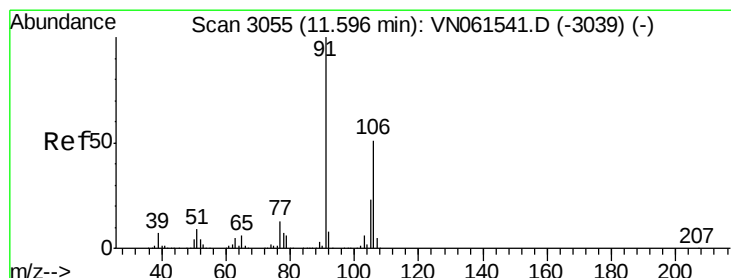
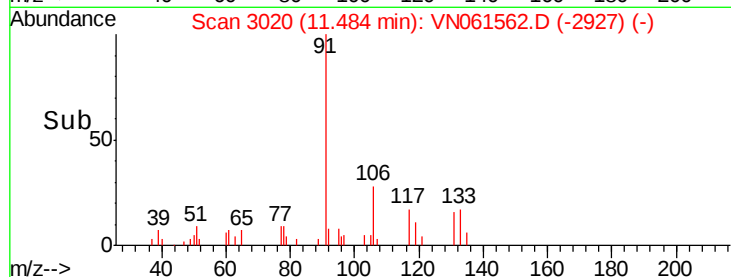


Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3005) (-)

Ion 106.00 (105.70 to 106.70): VN061541.D (-3005) (-)



Time-->



#68

m/p-Xylenes

Concen: 1.141 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN061562.D

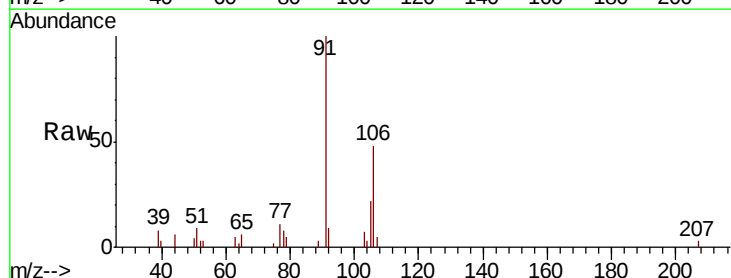
Acq: 29 May 2020 13:15

Tgt Ion: 106 Resp: 7413

Ion Ratio Lower Upper

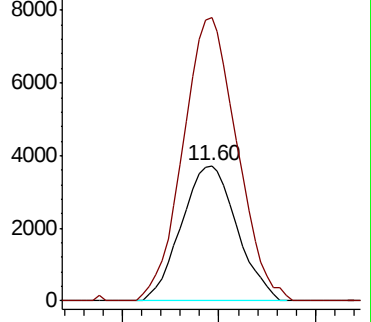
106 100

91 204.1 156.2 234.4

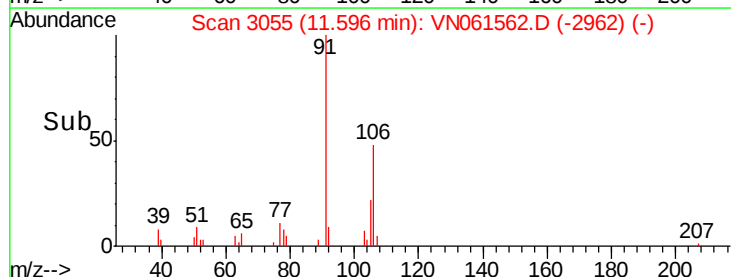


Abundance Ion 106.00 (105.70 to 106.70): VN061541.D (-3039) (-)

Ion 91.00 (90.70 to 91.70): VN061541.D (-3039) (-)



Time-->

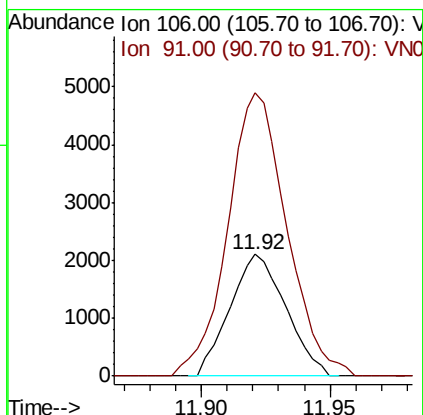
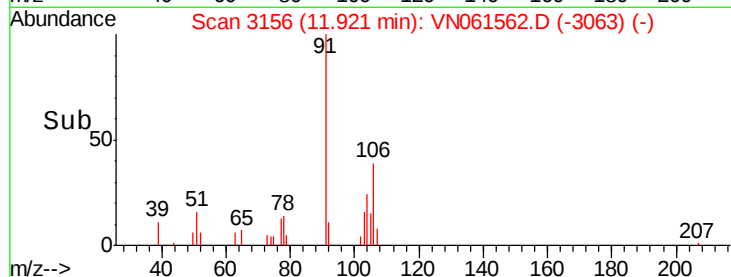
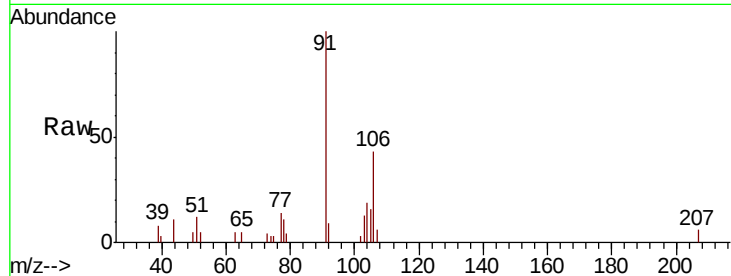




#69
o-Xylene
Concen: 0.512 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

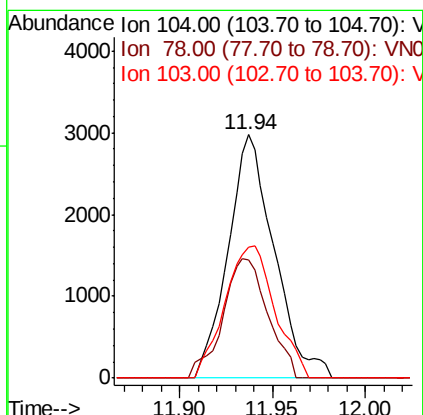
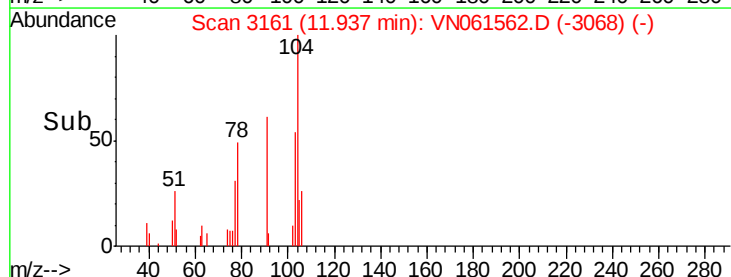
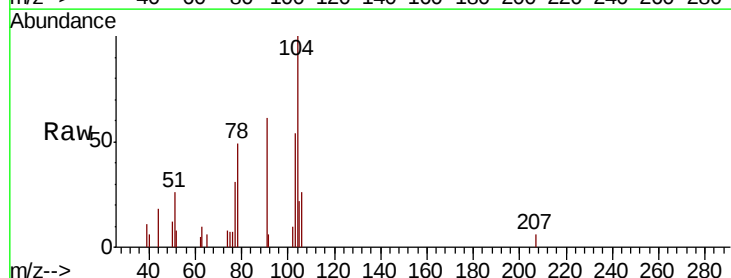
Instrument :
MSVOA_N
ClientSampled :

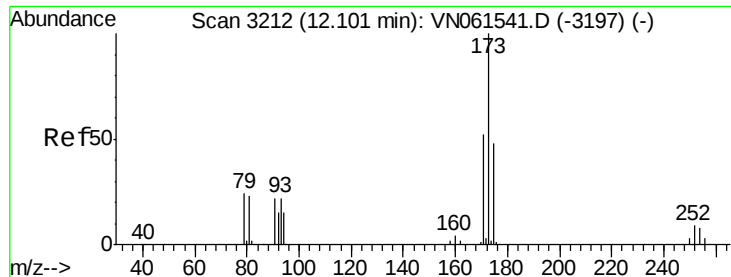
Tot Ion:106 Resp: 3158
Ion Ratio Lower Upper
106 100
91 246.5 103.3 309.8



#70
Styrene
Concen: 0.501 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

Tgt Ion:104 Resp: 5123
Ion Ratio Lower Upper
104 100
78 48.0 37.4 56.0
103 58.8 42.3 63.5





#71

Bromoform

Concen: 0.453 ug/l

RT: 12.10 min Scan# 3213

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :

MSVOA_N

ClientSampled :

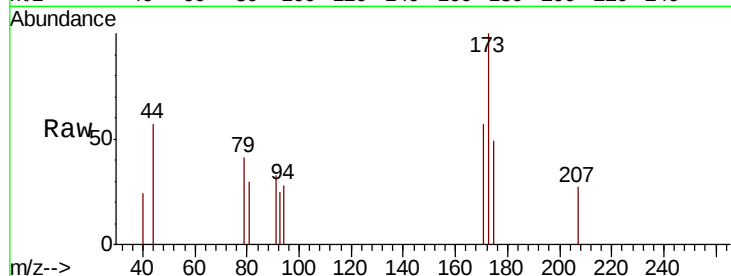
Tot Ion:173 Resp: 1232

Ion Ratio Lower Upper

173 100

175 40.5 24.4 73.2

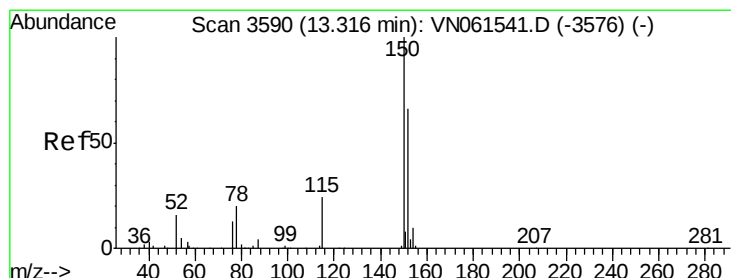
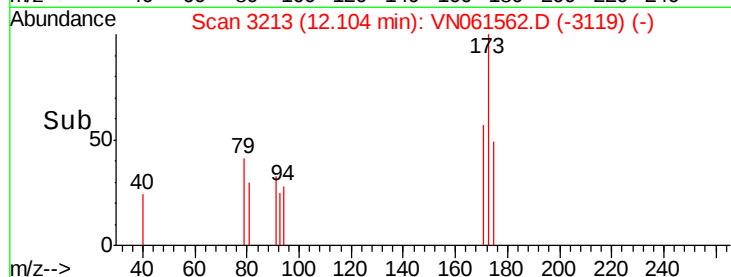
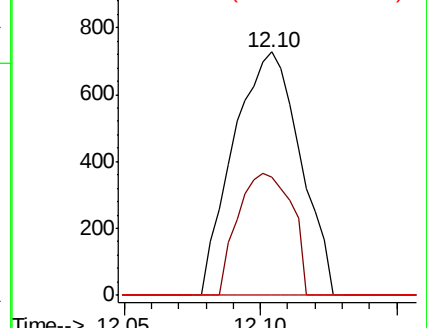
254 0.0 0.0 0.0



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: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

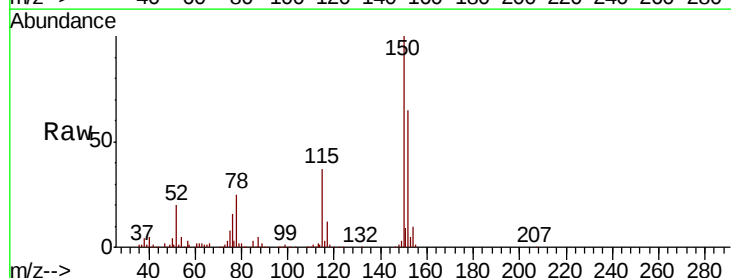
Tgt Ion:152 Resp: 189720

Ion Ratio Lower Upper

152 100

115 58.2 28.0 84.0

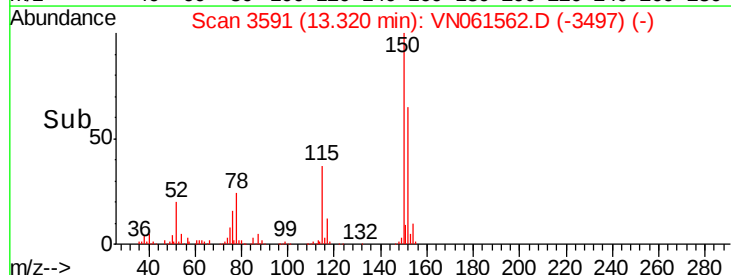
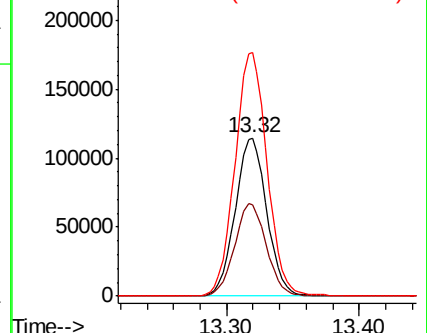
150 156.2 0.0 344.0

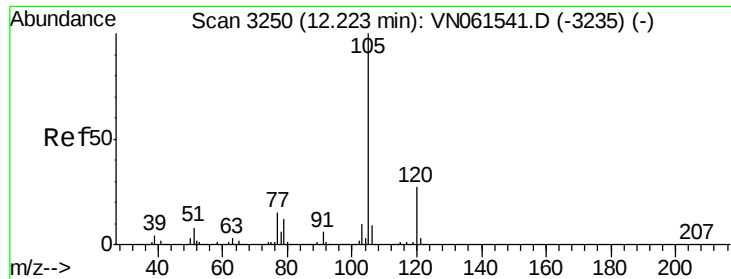


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.675 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :

MSVOA_N

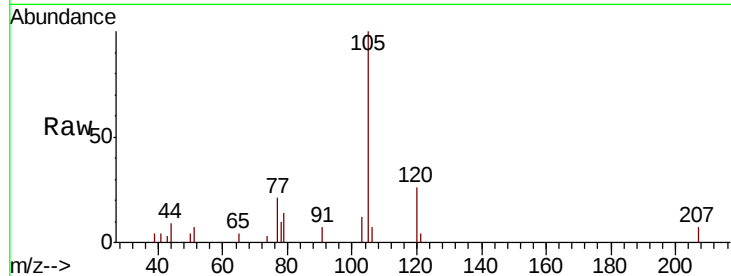
ClientSampleId :

Tot Ion:105 Resp: 9343

Ion Ratio Lower Upper

105 100

120 25.6 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

6000

5000

4000

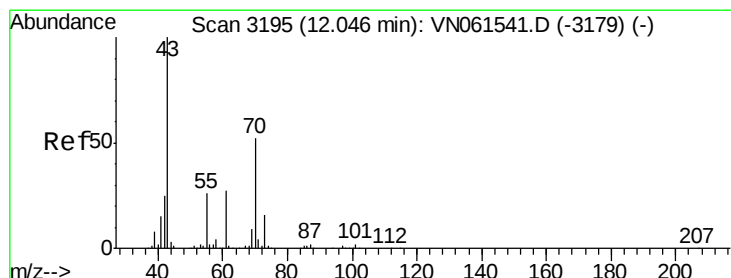
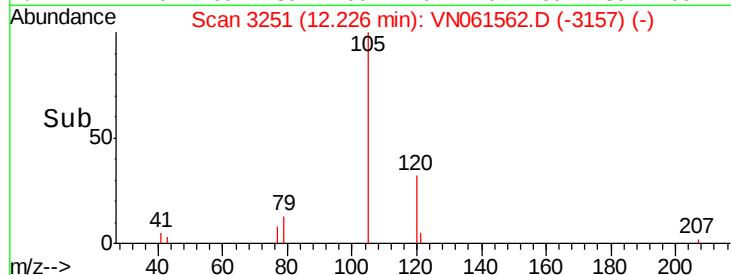
3000

2000

1000

0

Time--> 12.15 12.20 12.25



#74

N-ethyl acetate

Concen: 0.504 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Tgt Ion: 43 Resp: 2199

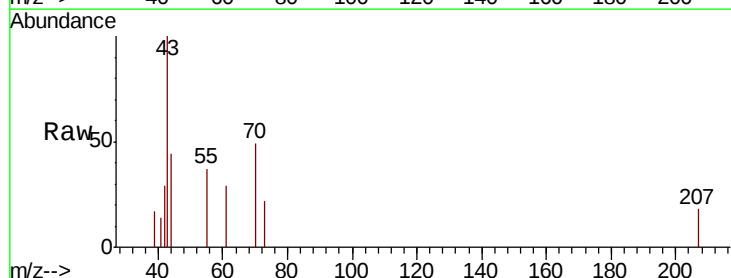
Ion Ratio Lower Upper

43 100

70 45.7 40.5 60.7

55 30.5 20.6 31.0

61 24.2 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

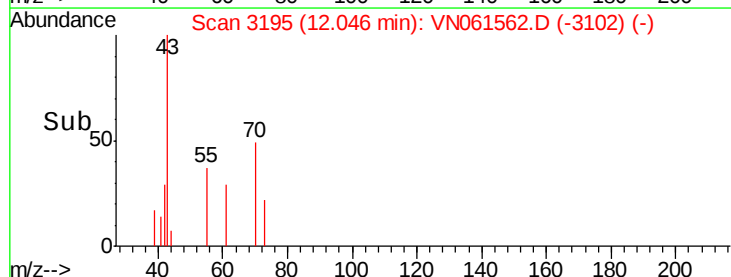
1500

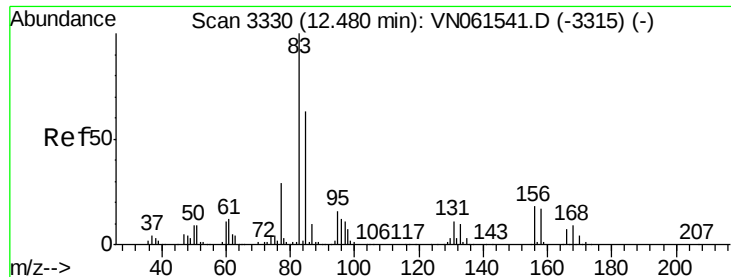
1000

500

0

Time--> 12.00 12.05





#75

1,1,2,2-Tetrachloroethane

Concen: 0.658 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :

MSVOA_N

ClientSampled :

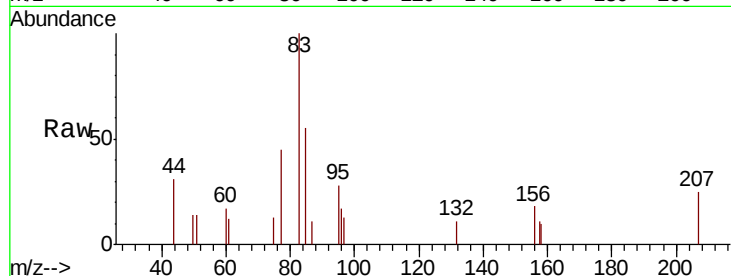
Tot Ion: 83 Resp: 2552

Ion Ratio Lower Upper

83 100

131 1.2 5.5 16.5#

85 64.7 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061541.D (-3315) (-)

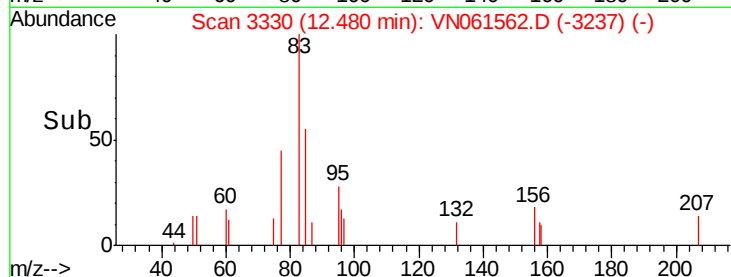
Ion 130.80 (130.50 to 131.50): VN061541.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN061541.D (-3315) (-)

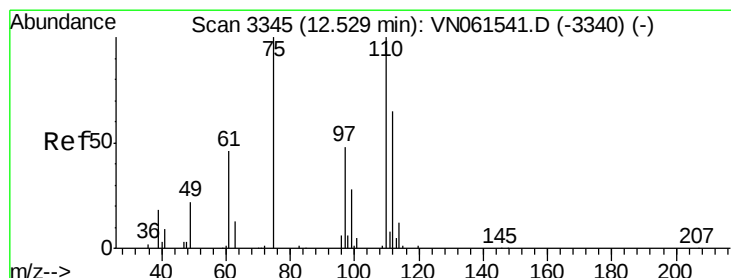
12.48

12.45

12.50



Time-->



#76

1,2,3-Trichloropropane

Concen: 0.998 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061562.D

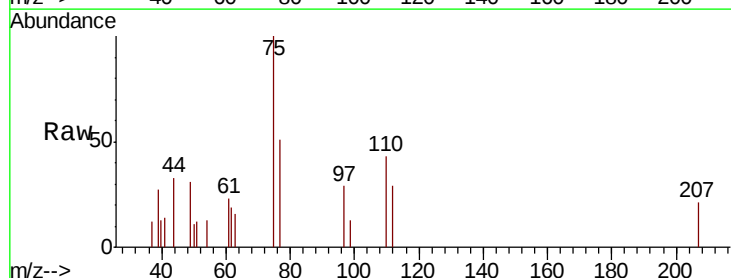
Acq: 29 May 2020 13:15

Tgt Ion: 75 Resp: 3442

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



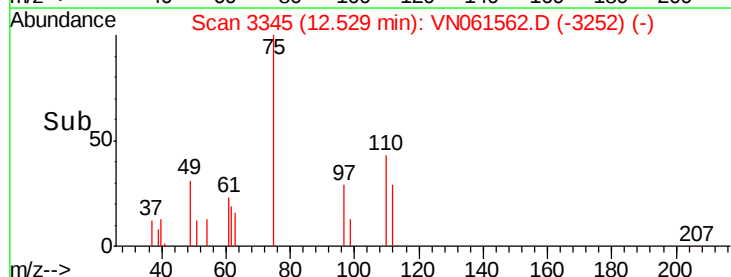
Abundance Ion 74.90 (74.60 to 75.60): VN061541.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061541.D (-3340) (-)

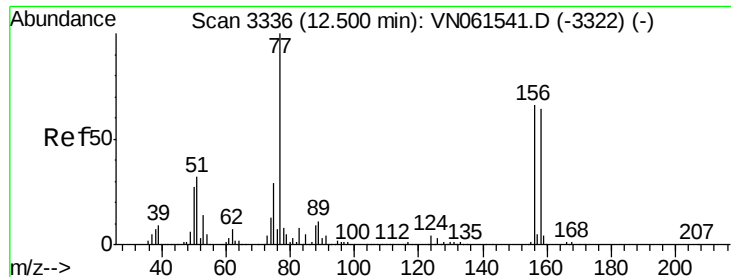
12.53

12.45

12.55



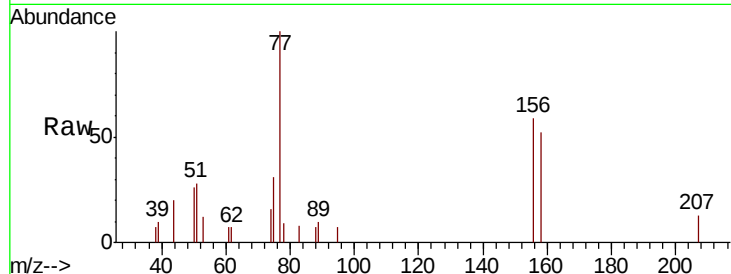
Time-->



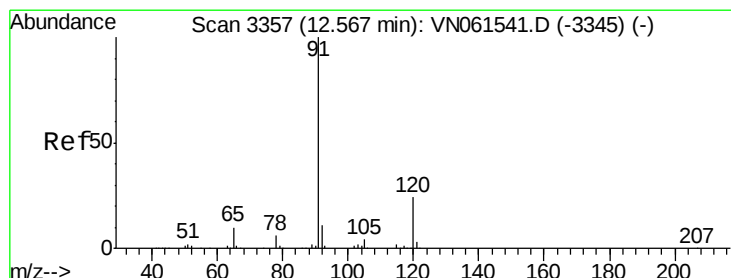
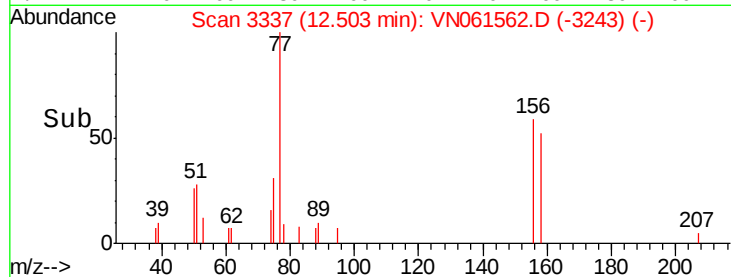
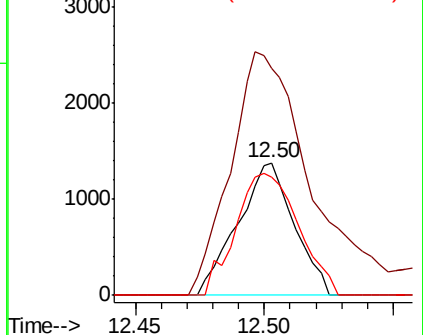
#77
Bromobenzene
Concen: 0.595 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. 0.00 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:156 Resp: 2103
Ion Ratio Lower Upper
156 100
77 260.9 90.9 272.7
158 102.2 48.4 145.3

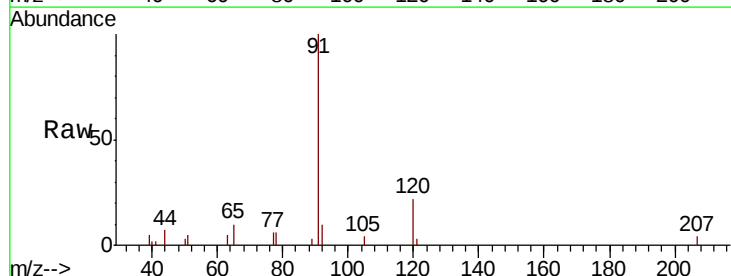


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

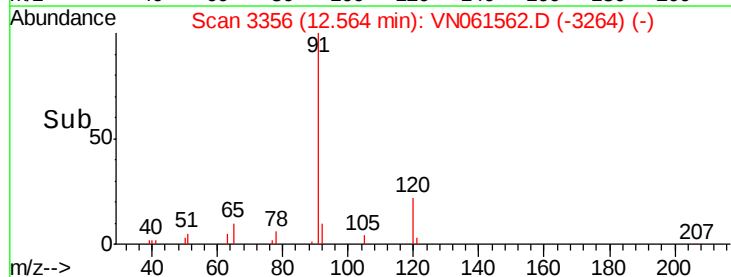
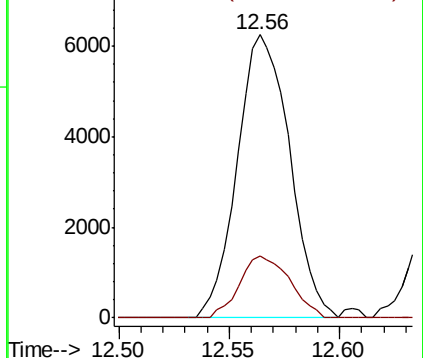


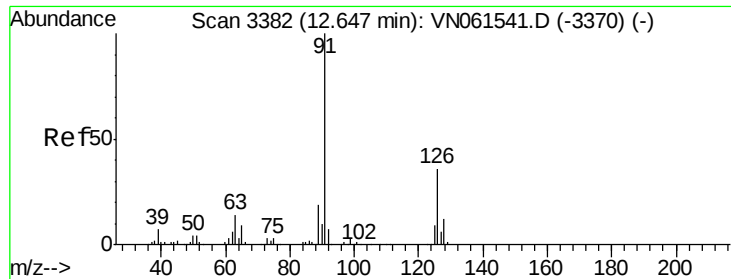
#78
n-propylbenzene
Concen: 0.668 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

Tgt Ion: 91 Resp: 10319
Ion Ratio Lower Upper
91 100
120 21.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.688 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :

MSVOA_N

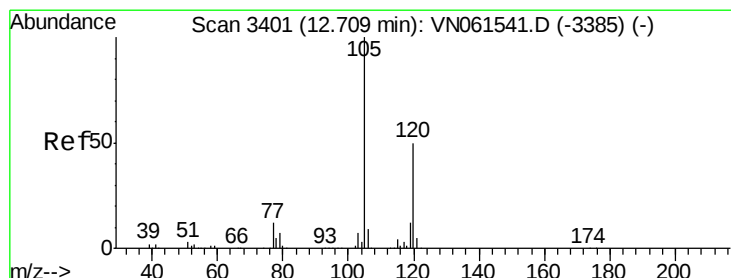
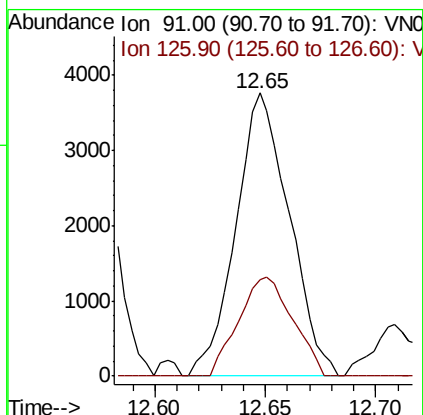
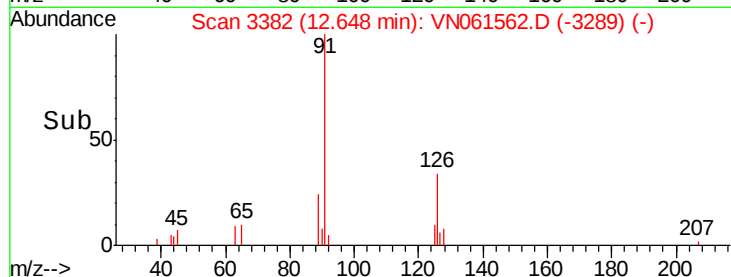
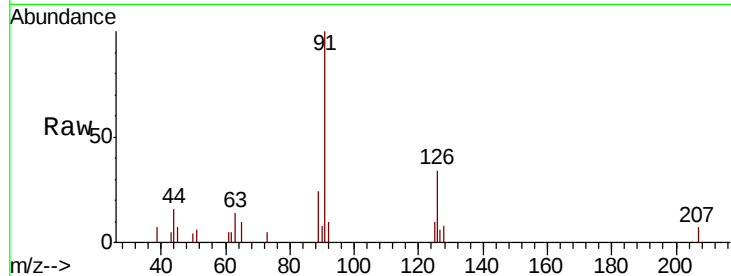
ClientSampleId :

Tot Ion: 91 Resp: 6343

Ion Ratio Lower Upper

91 100

126 35.4 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 0.627 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061562.D

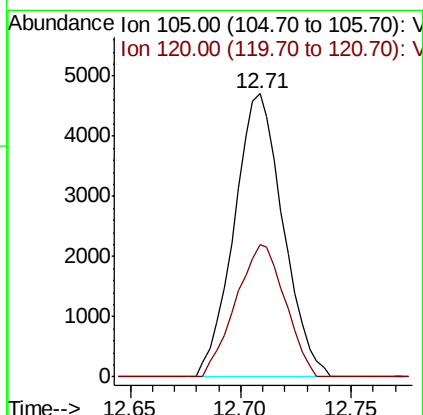
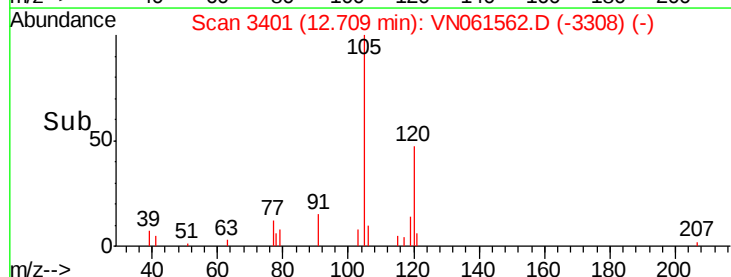
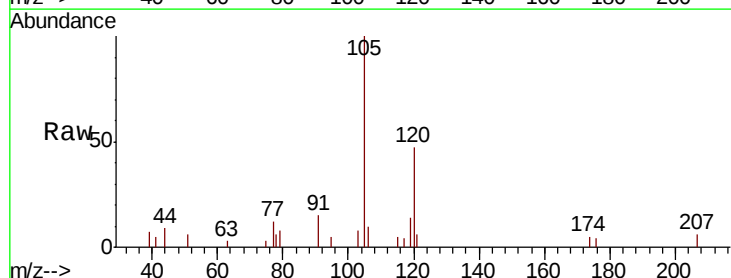
Acq: 29 May 2020 13:15

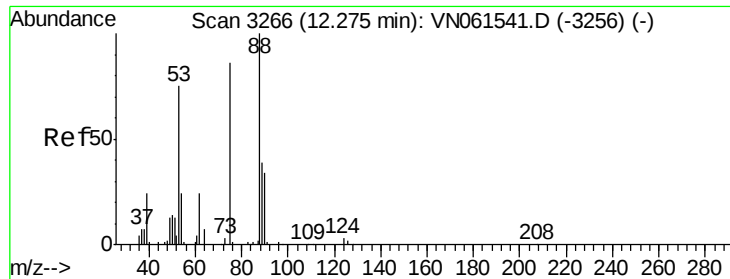
Tgt Ion:105 Resp: 7258

Ion Ratio Lower Upper

105 100

120 47.1 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 72.257 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :

MSVOA_N

ClientSampleId :

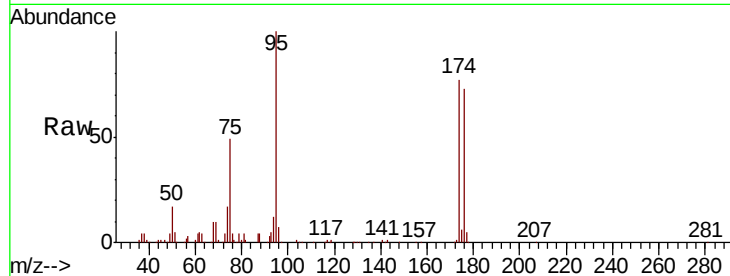
Tot Ion: 75 Resp: 97477

Ion Ratio Lower Upper

75 100

53 0.0 67.8 101.8#

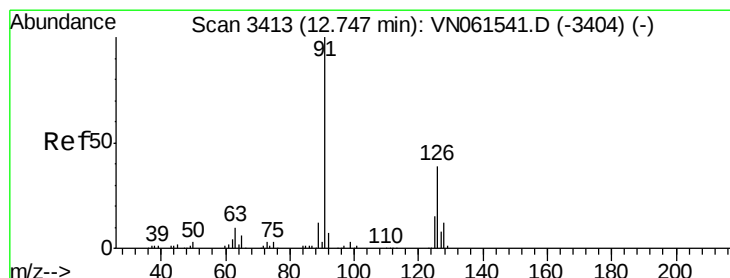
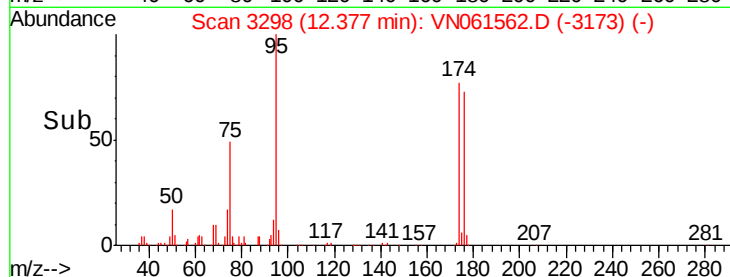
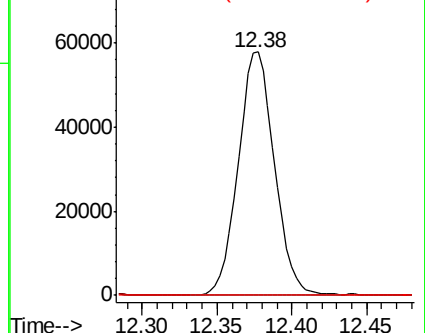
89 0.0 37.1 55.7#



Abundance Ion 74.90 (74.60 to 75.60): VN061541.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061541.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN061541.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 0.695 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061562.D

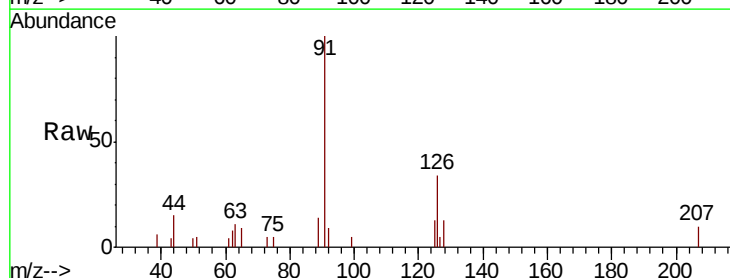
Acq: 29 May 2020 13:15

Tgt Ion: 91 Resp: 6738

Ion Ratio Lower Upper

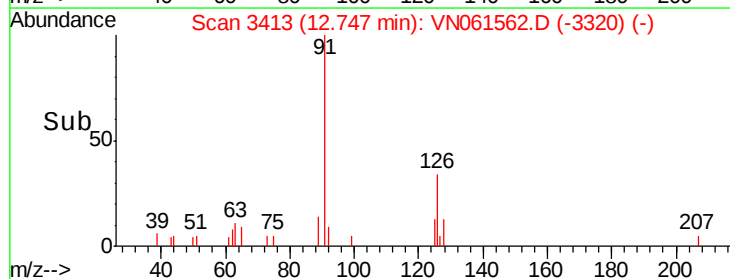
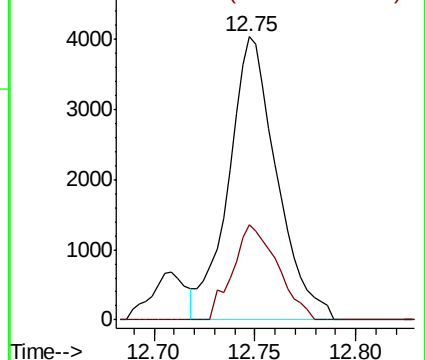
91 100

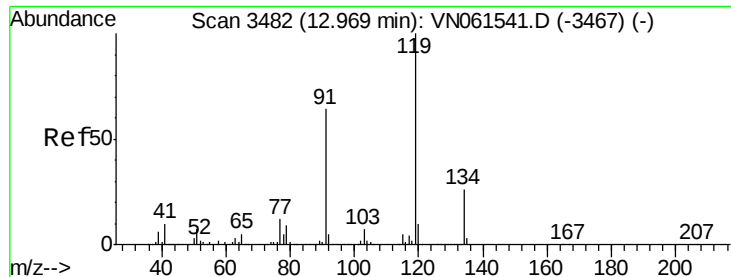
126 31.2 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN061541.D (-3404) (-)

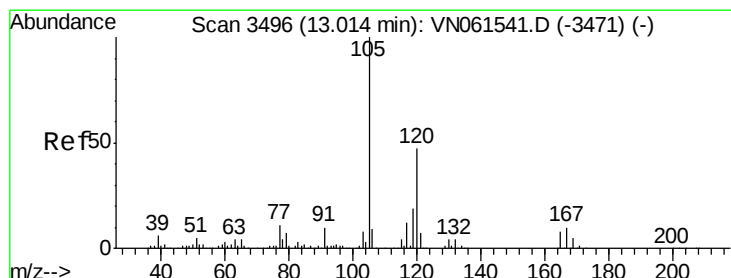
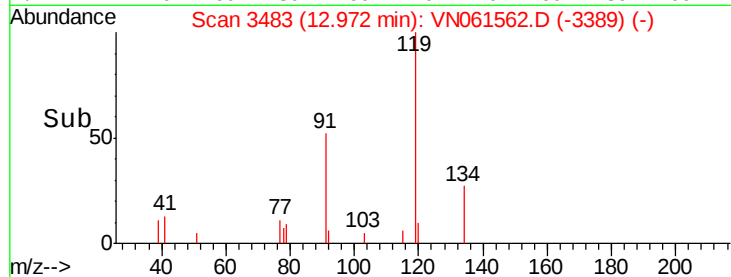
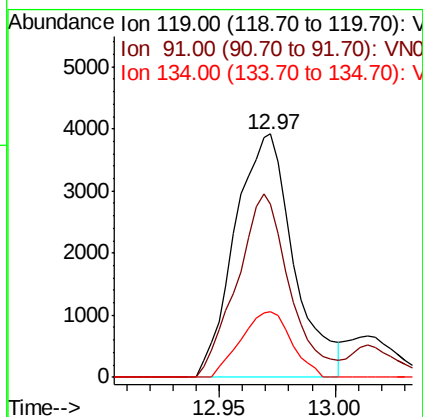
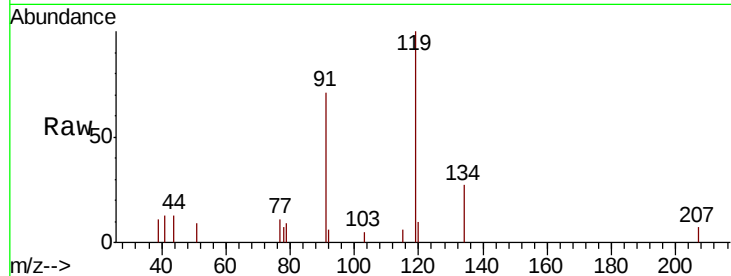




#83
 tert-Butylbenzene
 Concen: 0.674 ug/l
 RT: 12.97 min Scan# 3483
 Delta R.T. 0.00 min
 Lab File: VN061562.D
 Acq: 29 May 2020 13:15

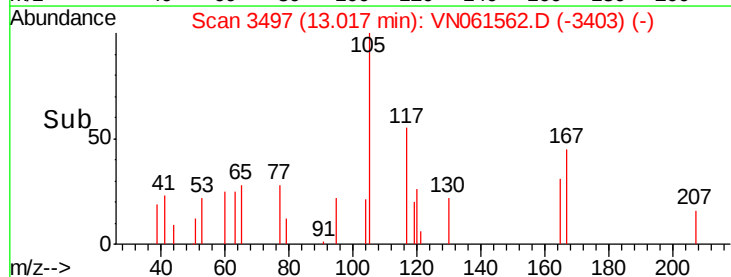
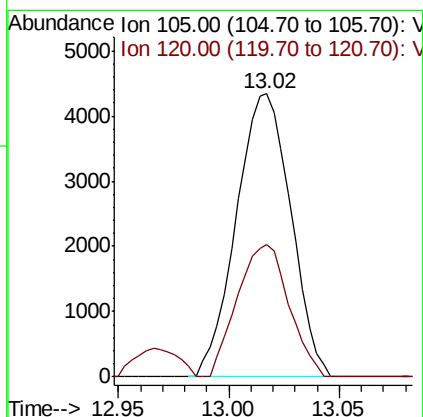
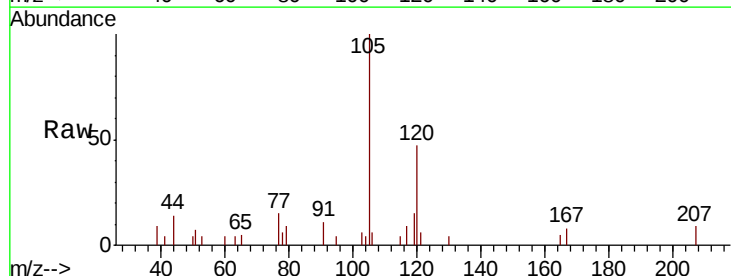
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 6896
 Ion Ratio Lower Upper
 119 100
 91 67.9 31.3 93.8
 134 23.2 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.646 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN061562.D
 Acq: 29 May 2020 13:15

Tgt Ion:105 Resp: 7425
 Ion Ratio Lower Upper
 105 100
 120 44.4 23.2 69.5





#85

sec-Butylbenzene

Concen: 0.633 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :

MSVOA_N

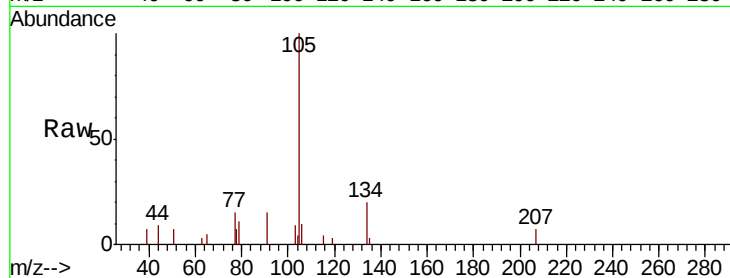
ClientSampled :

Tot Ion:105 Resp: 8345

Ion Ratio Lower Upper

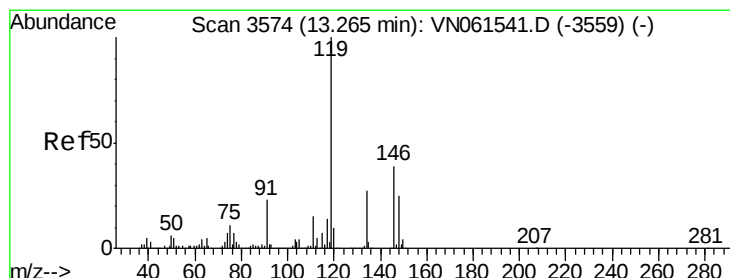
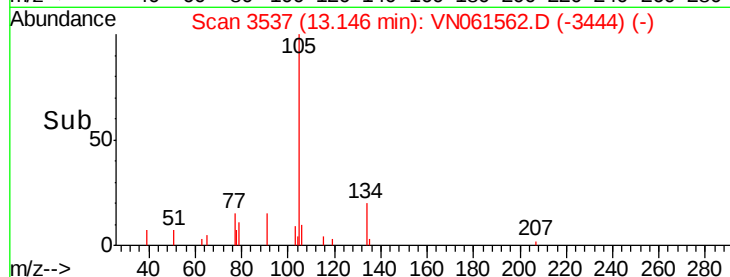
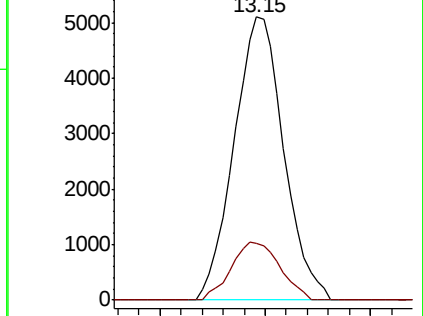
105 100

134 20.3 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.605 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

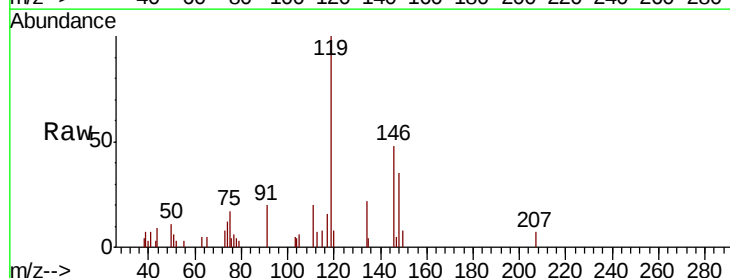
Tgt Ion:119 Resp: 7347

Ion Ratio Lower Upper

119 100

134 23.4 13.5 40.5

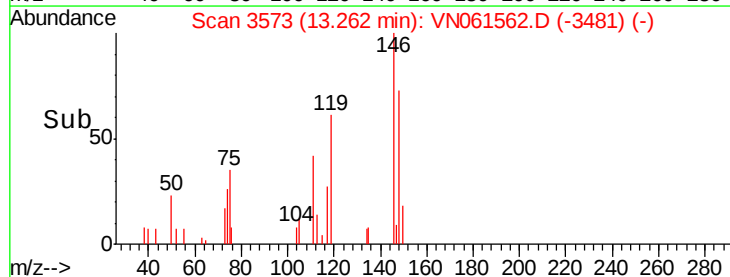
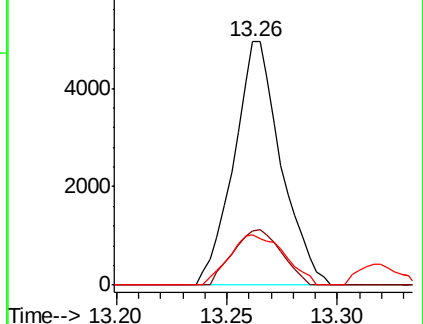
91 24.3 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

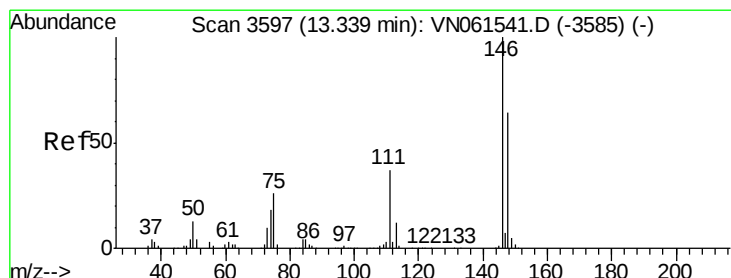
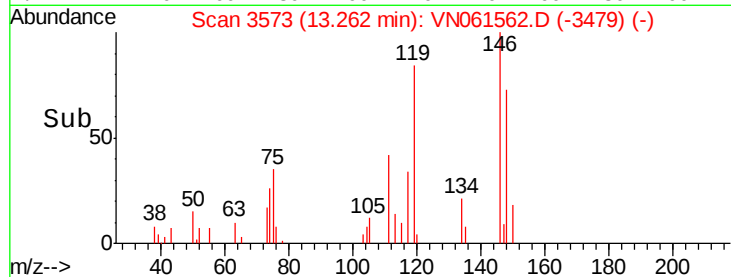
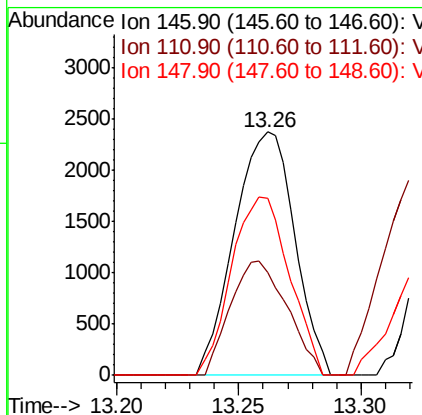
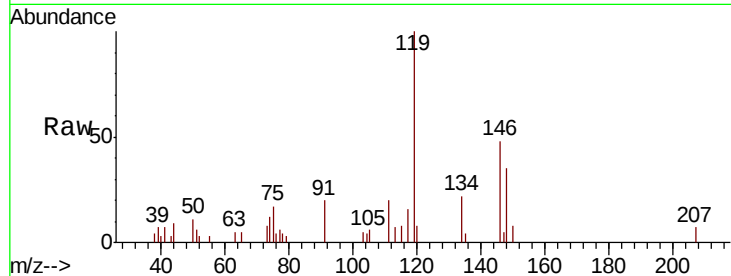




#87
 1,3-Dichlorobenzene
 Concen: 0.650 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. 0.00 min
 Lab File: VN061562.D
 Acq: 29 May 2020 13:15

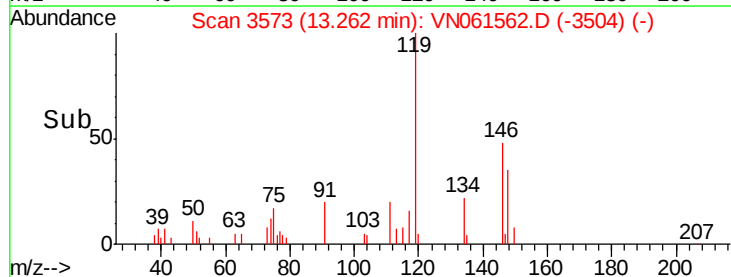
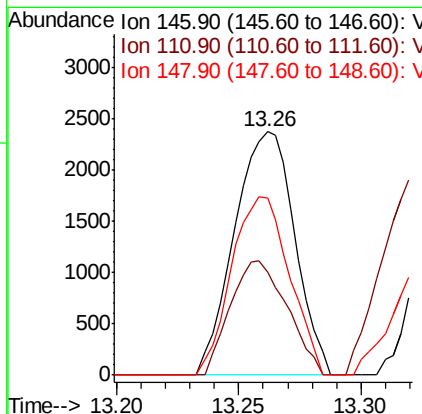
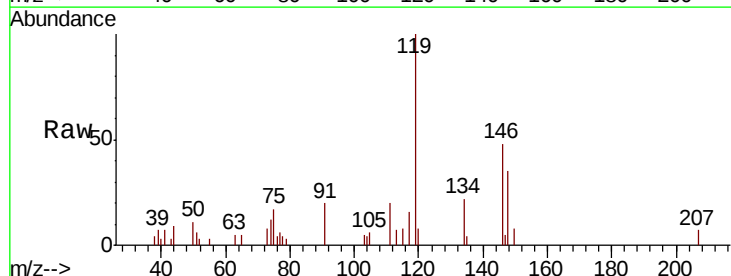
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:146 Resp: 4068
 Ion Ratio Lower Upper
 146 100
 111 44.2 19.2 57.6
 148 70.4 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 0.638 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. -0.08 min
 Lab File: VN061562.D
 Acq: 29 May 2020 13:15

Tgt Ion:146 Resp: 4068
 Ion Ratio Lower Upper
 146 100
 111 44.2 18.9 56.9
 148 70.4 31.8 95.3

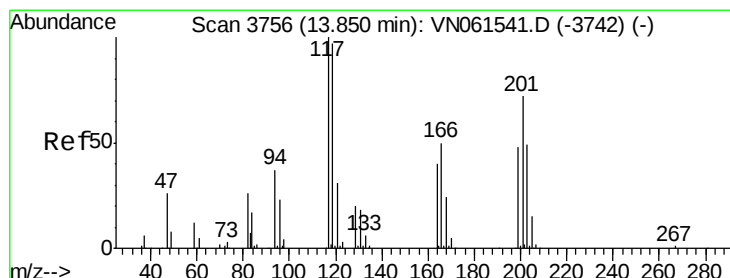
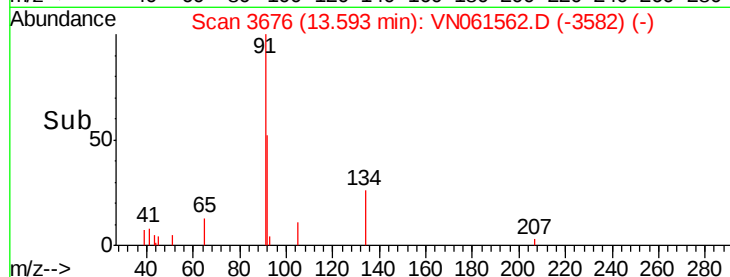
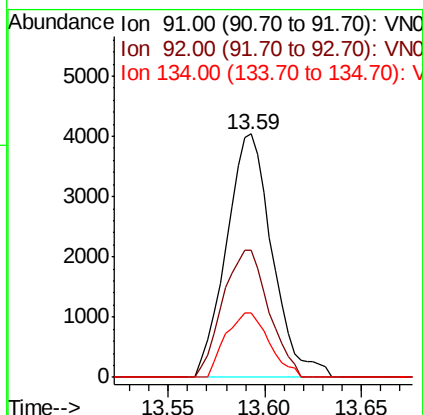
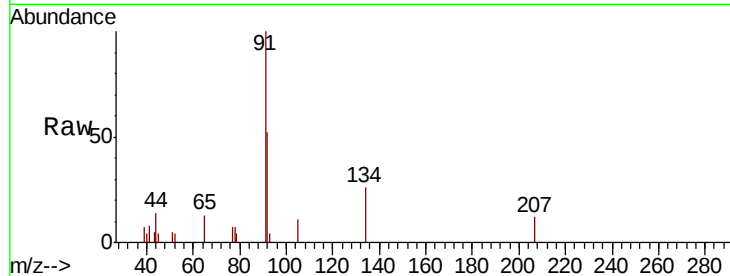




#89
n-Butylbenzene
Concen: 0.653 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

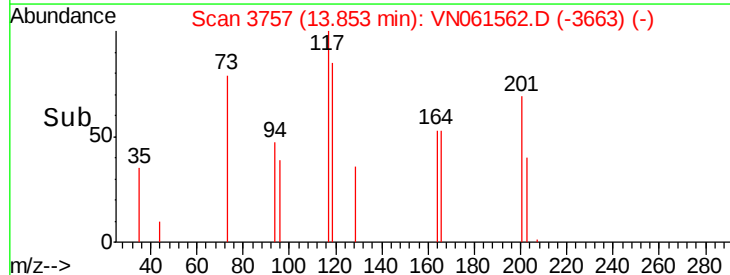
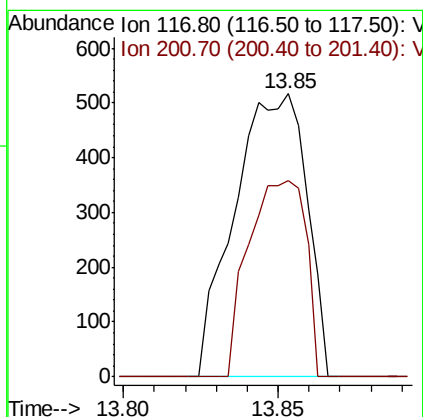
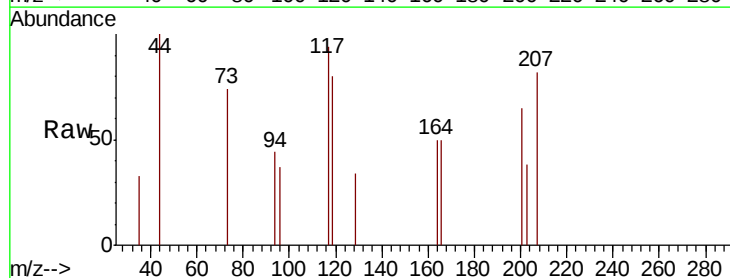
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 6637
Ion Ratio Lower Upper
91 100
92 52.4 27.2 81.6
134 25.2 14.0 42.0



#90
Hexachloroethane
Concen: 0.621 ug/l
RT: 13.85 min Scan# 3757
Delta R.T. 0.00 min
Lab File: VN061562.D
Acq: 29 May 2020 13:15

Tgt Ion: 117 Resp: 833
Ion Ratio Lower Upper
117 100
201 54.9 36.7 110.1

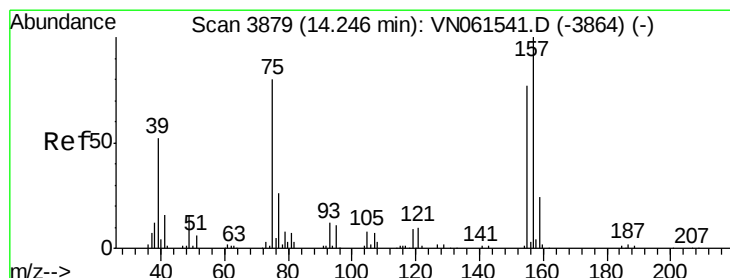
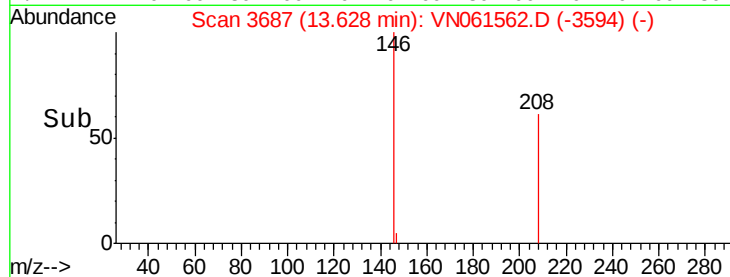
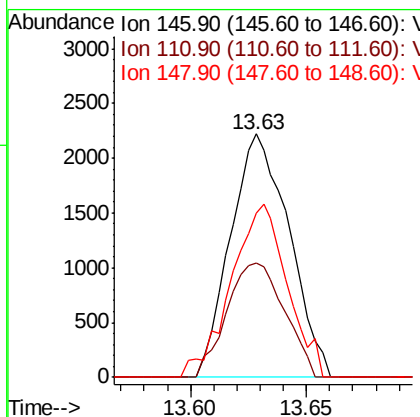
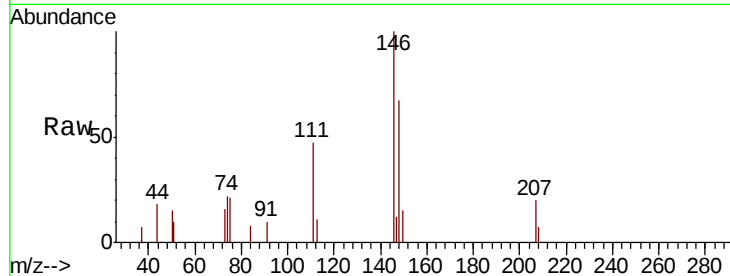




#91
 1,2-Dichlorobenzene
 Concen: 0.651 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061562.D
 Acq: 29 May 2020 13:15

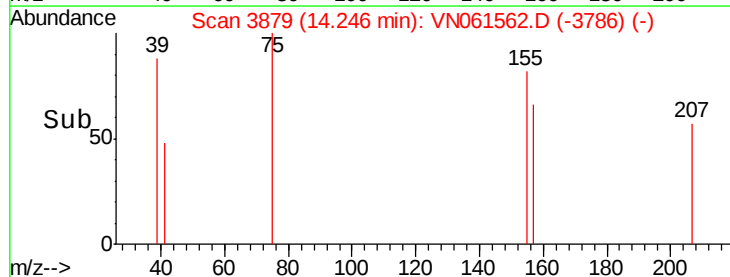
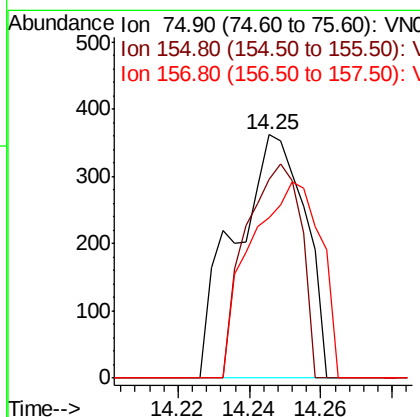
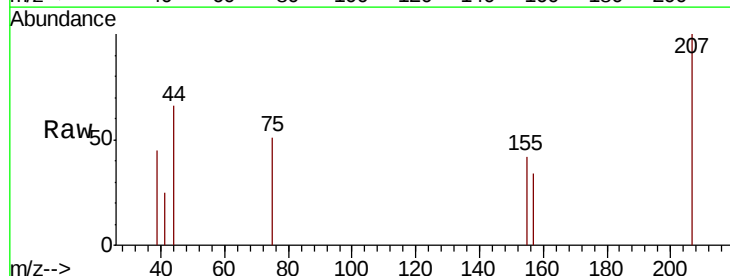
Instrument :
 MSVOA_N
 ClientSampled :

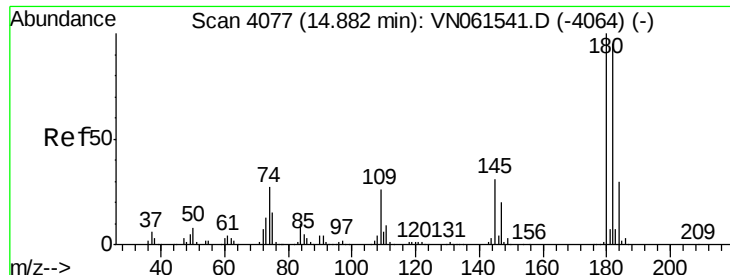
Tot Ion:146 Resp: 3893
 Ion Ratio Lower Upper
 146 100
 111 46.4 20.1 60.2
 148 68.2 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.617 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061562.D
 Acq: 29 May 2020 13:15

Tgt Ion: 75 Resp: 488
 Ion Ratio Lower Upper
 75 100
 155 70.1 47.1 141.4
 157 81.1 60.3 180.8

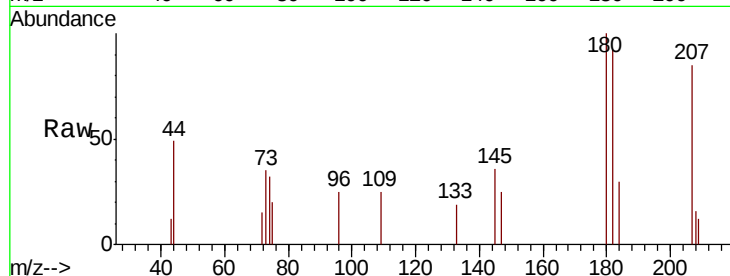




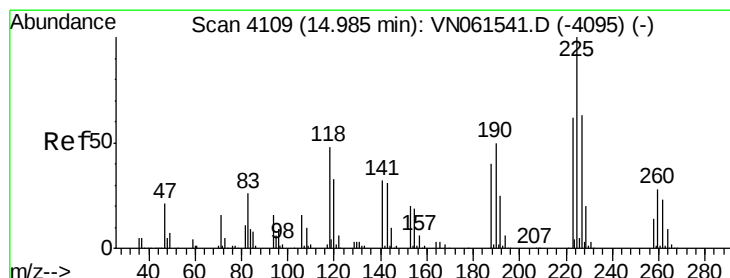
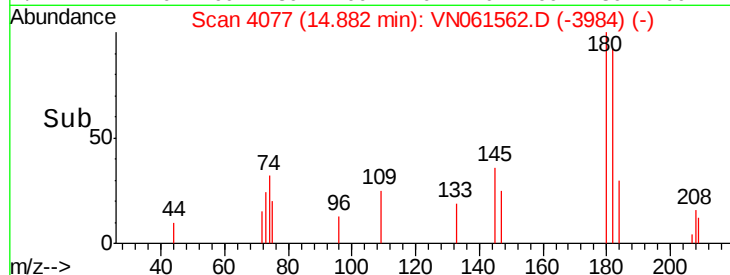
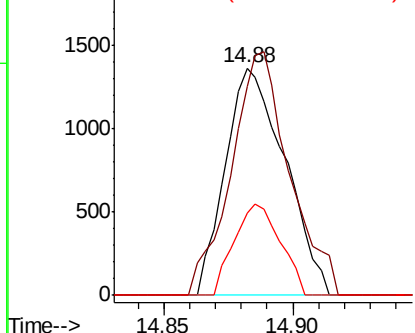
#93
 1,2,4-Trichlorobenzene
 Concen: 0.627 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061562.D
 Acq: 29 May 2020 13:15

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 2194
 Ion Ratio Lower Upper
 180 100
 182 105.0 47.8 143.3
 145 31.3 15.5 46.5

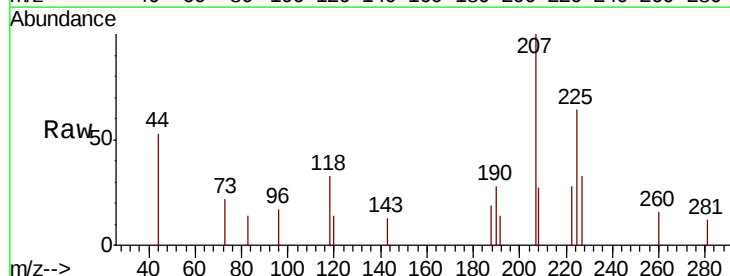


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

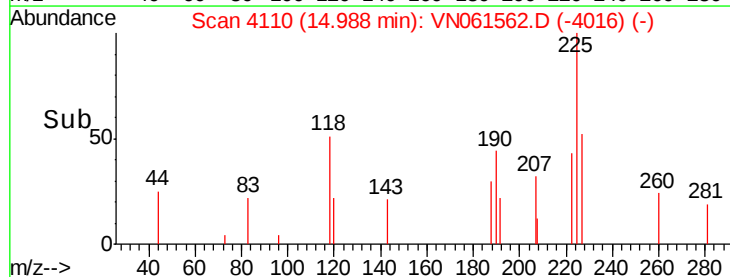
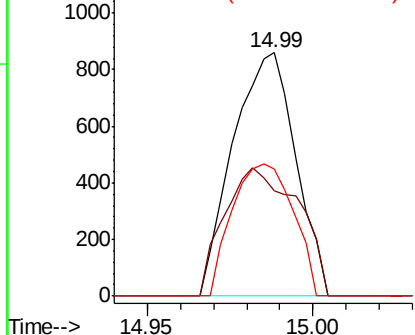


#94
 Hexachlorobutadiene
 Concen: 0.755 ug/l
 RT: 14.99 min Scan# 4110
 Delta R.T. 0.00 min
 Lab File: VN061562.D
 Acq: 29 May 2020 13:15

Tgt Ion:225 Resp: 1126
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.9 95.5
 227 52.9 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: 0.627 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

Instrument :

MSVOA_N

ClientSampleId :

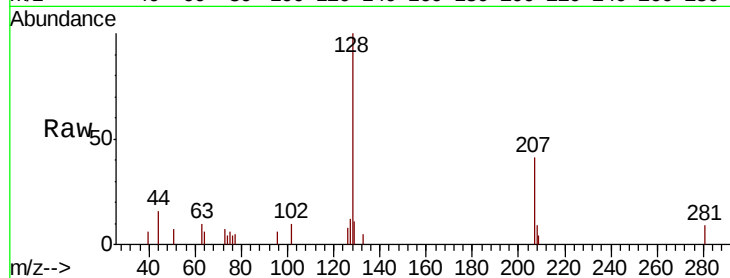
Tot Ion:128 Resp: 6679

Ion Ratio Lower Upper

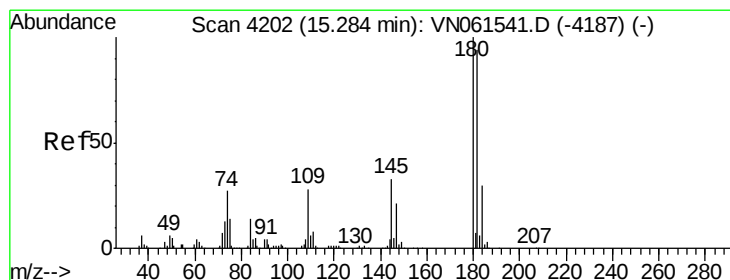
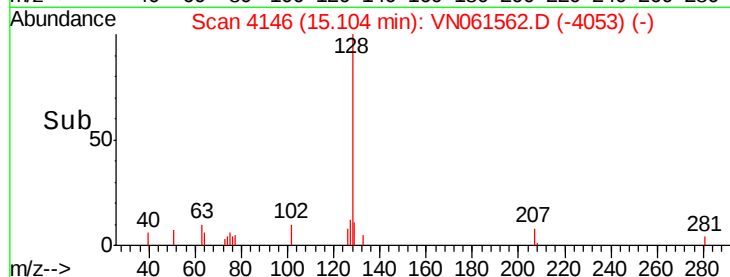
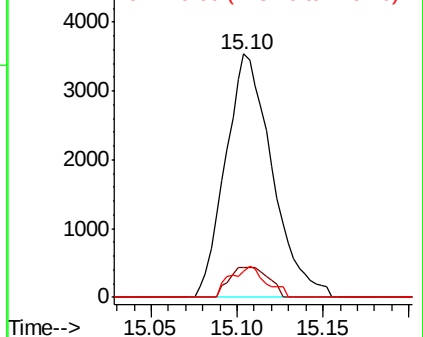
128 100

127 10.3 10.0 15.0

129 9.6 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: 0.630 ug/l

RT: 15.29 min Scan# 4204

Delta R.T. 0.01 min

Lab File: VN061562.D

Acq: 29 May 2020 13:15

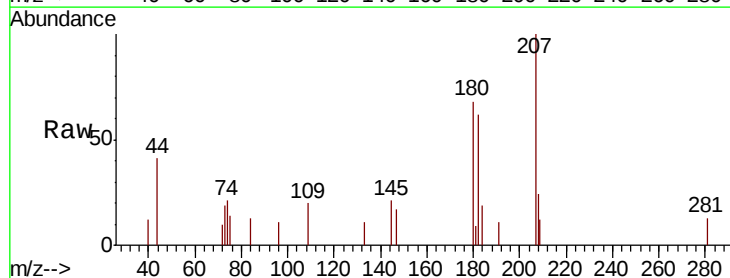
Tgt Ion:180 Resp: 2168

Ion Ratio Lower Upper

180 100

182 95.2 47.1 141.3

145 32.6 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

