

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060420\
 Data File : VN061651.D
 Acq On : 4 Jun 2020 14:27
 Operator : JC/MD
 Sample : PB129284TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 05 07:27:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	313188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	514379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	502583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	234872	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	167019	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
35) Dibromofluoromethane	7.55	113	134026	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
50) Toluene-d8	10.06	98	615155	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.38	95	227616	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	

Target Compounds

						Qvalue
3) Chloromethane	2.04	50	1103	0.289	ug/l #	77
5) Bromomethane	2.55	94	1027	0.342	ug/l #	69
11) Tert butyl alcohol	4.73	59	252	0.508	ug/l #	72
16) Acetone	3.78	43	21730	15.309	ug/l	99
17) Carbon Disulfide	4.01	76	1782	0.253	ug/l #	74
18) Methyl Acetate	4.27	43	952	0.282	ug/l #	60
20) Methylene Chloride	4.50	84	13778	2.407	ug/l	90
25) 2-Butanone	6.79	43	4856	2.746	ug/l	96
29) Tetrahydrofuran	7.17	42	1663	1.426	ug/l #	69
31) Cyclohexane	7.62	56	5761	1.095	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	21227	4.662	ug/l #	48
38) Carbon Tetrachloride	7.63	117	29039	6.611	ug/l #	16
41) Methacrylonitrile	7.17	41	754	0.449	ug/l #	30
43) Isopropyl Acetate	8.13	43	71184	10.788	ug/l #	92
45) 1,2-Dichloropropane	9.24	63	1594	0.478	ug/l #	44
48) Methyl methacrylate	9.24	41	102500	34.526	ug/l #	32
49) 1,4-Dioxane	9.16	88	239	5.197	ug/l #	1
51) 4-Methyl-2-Pentanone	9.96	43	9023	2.427	ug/l	98
54) cis-1,3-Dichloropropene	9.88	75	41450	7.059	ug/l #	63
57) 1,3-Dichloropropane	10.74	76	7118	1.218	ug/l #	42
59) 2-Hexanone	10.74	43	75775	28.375	ug/l #	51
68) m/p-Xylenes	11.59	106	1749	0.244	ug/l	79
74) N-ethyl acetate	12.01	43	2654	0.492	ug/l #	62
76) 1,2,3-Trichloropropane	12.38	75	110226	25.809	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	7962	0.556	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	110226	66.000	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.02	105	2972	0.209	ug/l	85
87) 1,3-Dichlorobenzene	13.26	146	1808	0.233	ug/l	91
88) 1,4-Dichlorobenzene	13.26	146	1808	0.229	ug/l	91
89) n-Butylbenzene	13.59	91	4076	0.324	ug/l	83
91) 1,2-Dichlorobenzene	13.62	146	1753	0.237	ug/l #	85
93) 1,2,4-Trichlorobenzene	14.89	180	2806	0.648	ug/l	98
94) Hexachlorobutadiene	14.98	225	1328	0.719	ug/l	91
95) Naphthalene	15.11	128	14391	1.092	ug/l #	88

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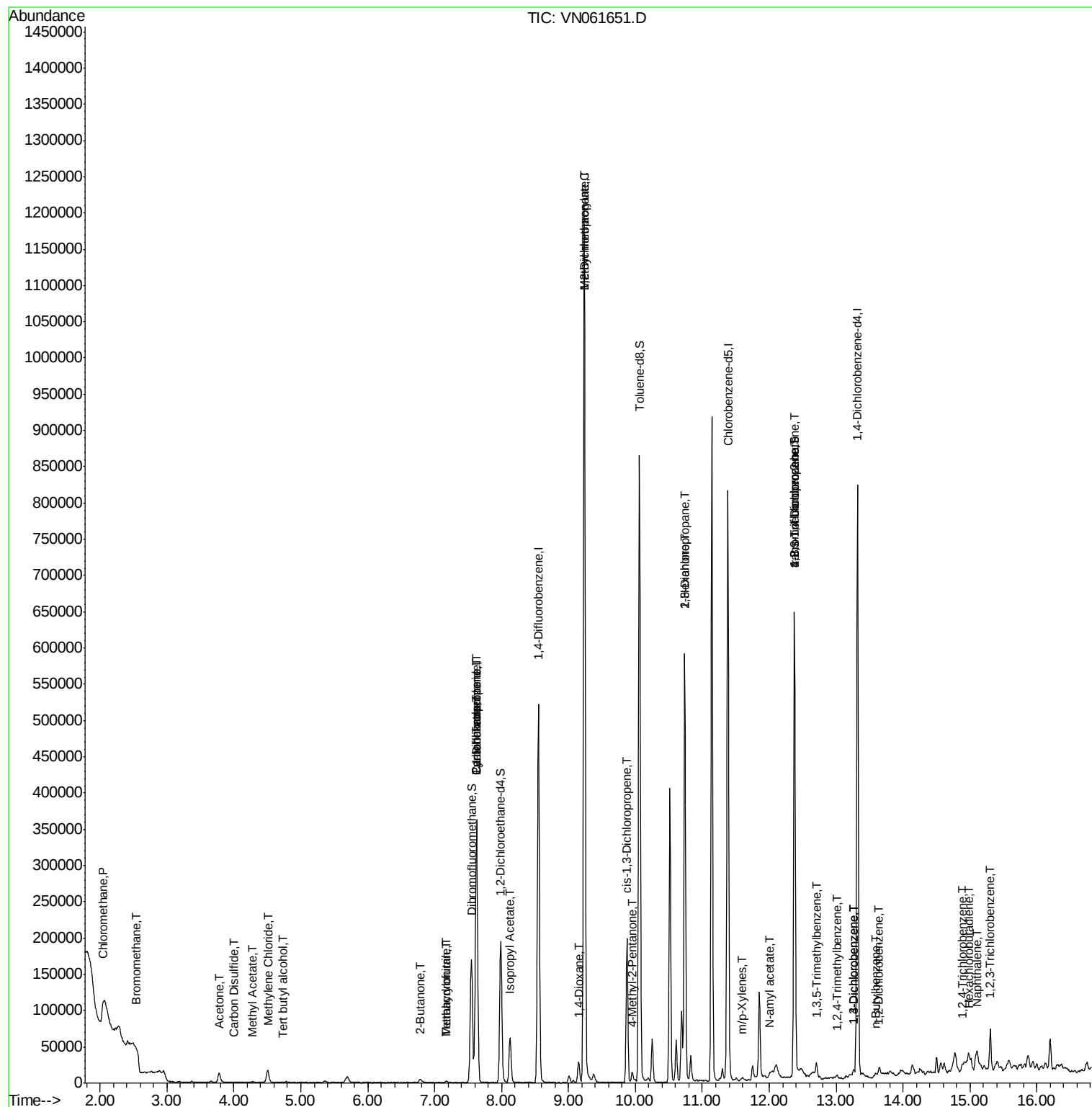
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.28	180	3173	0.745	ug/l	92

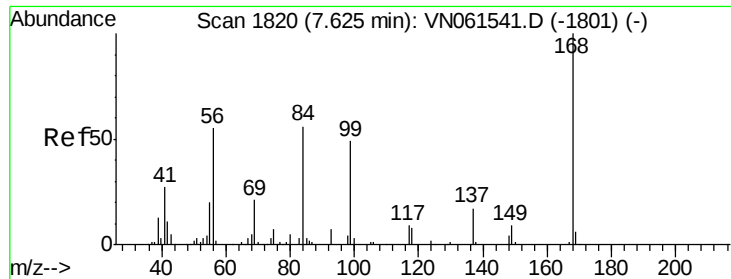
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061651.D

Acq: 4 Jun 2020 14:27

Instrument :

MSVOA_N

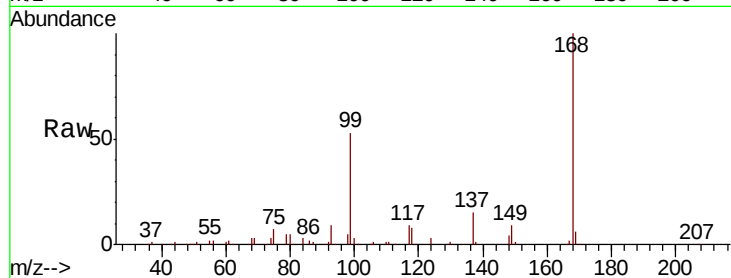
ClientSampled :

Tot Ion:168 Resp: 313188

Ion Ratio Lower Upper

168 100

99 53.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VN061651.D

Ion 98.90 (98.60 to 99.60): VN061651.D

7.63

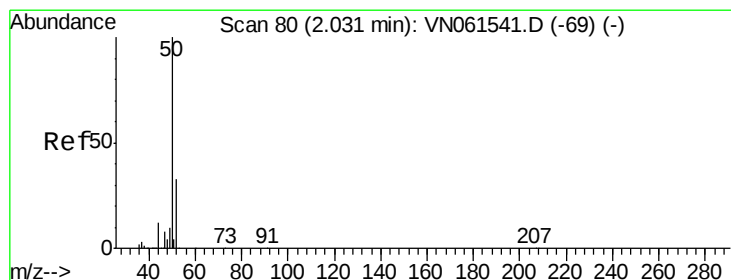
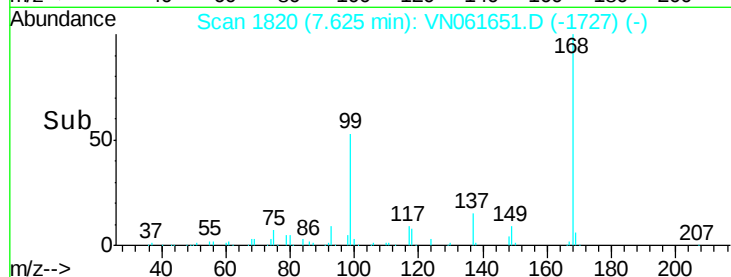
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.289 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.01 min

Lab File: VN061651.D

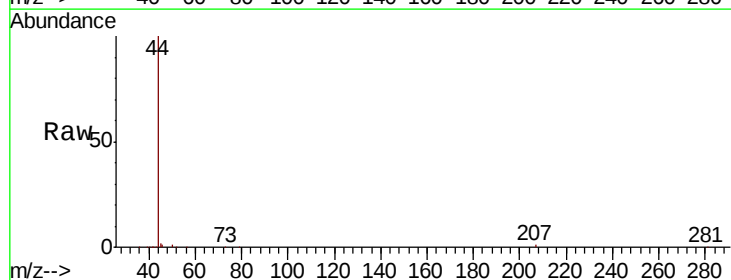
Acq: 4 Jun 2020 14:27

Tgt Ion: 50 Resp: 1103

Ion Ratio Lower Upper

50 100

52 46.7 26.7 40.1#



Abundance Ion 49.90 (49.60 to 50.60): VN061651.D

Ion 51.90 (51.60 to 52.60): VN061651.D

2.04

800

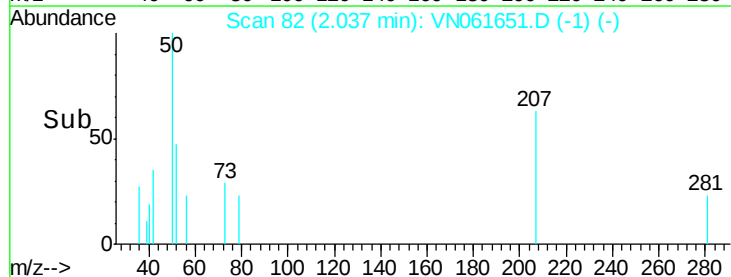
600

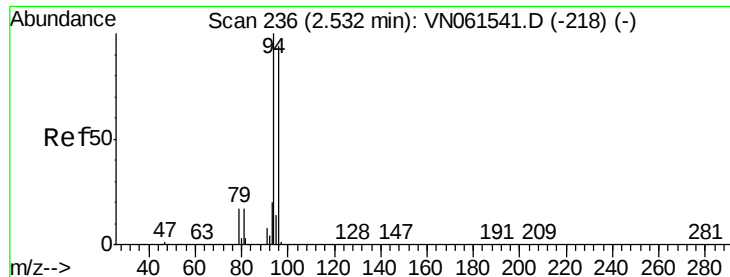
400

200

0

Time--> 2.00 2.05





#5

Bromomethane

Concen: 0.342 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.02 min

Lab File: VN061651.D

Acq: 4 Jun 2020 14:27

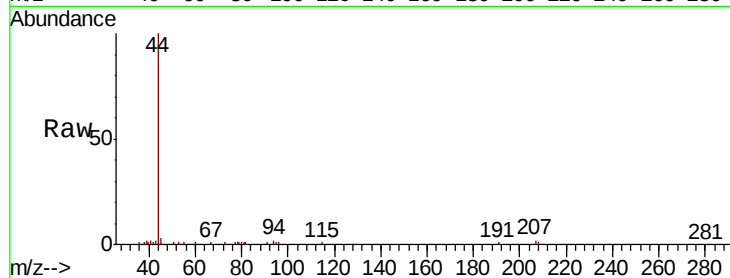
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 1027

Ion Ratio Lower Upper

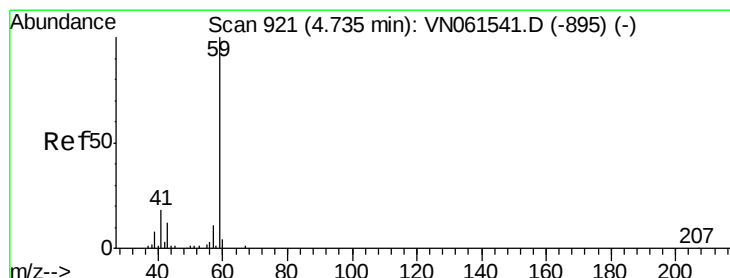
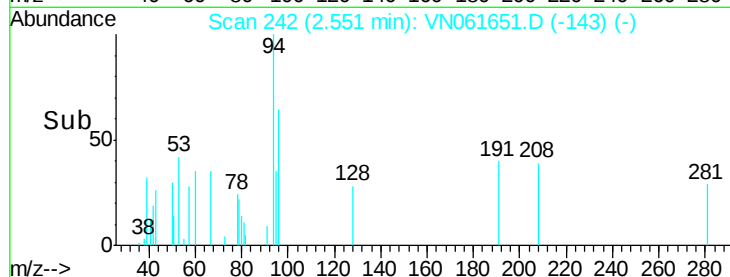
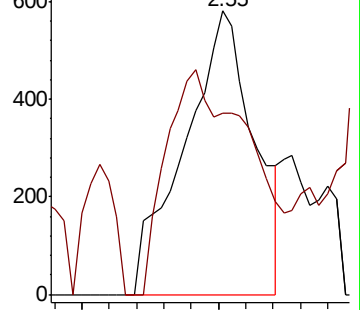
94 100

96 63.9 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#11

Tert butyl alcohol

Concen: 0.508 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN061651.D

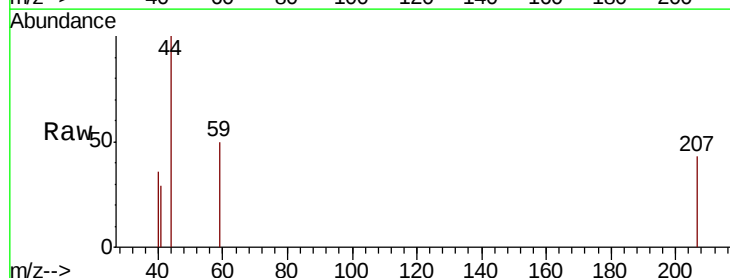
Acq: 4 Jun 2020 14:27

Tgt Ion: 59 Resp: 252

Ion Ratio Lower Upper

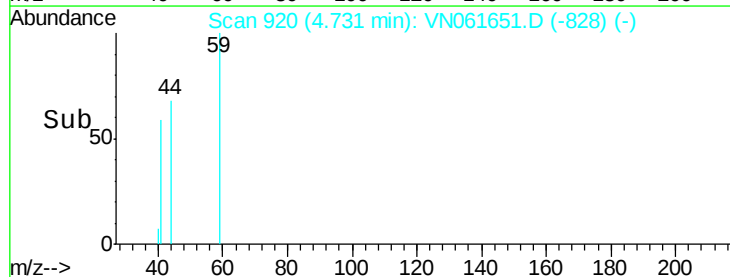
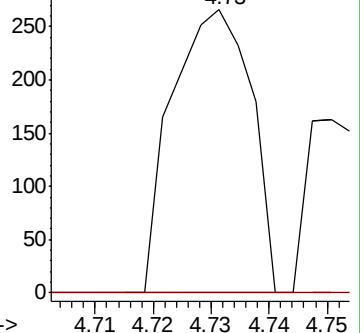
59 100

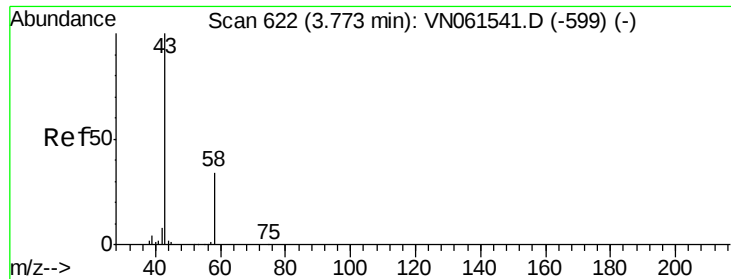
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

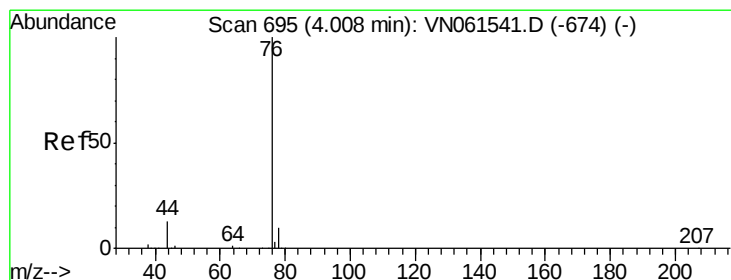
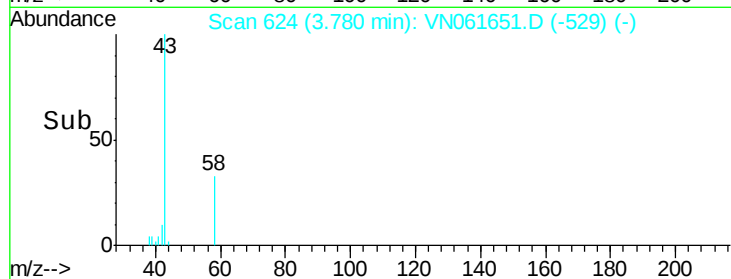
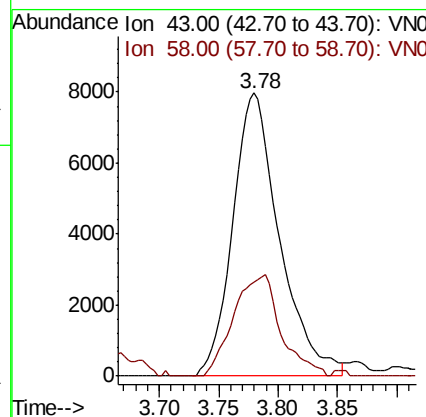
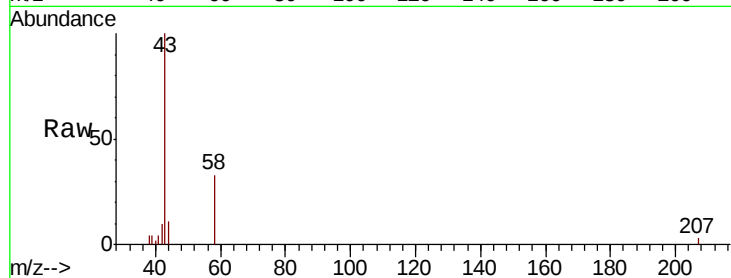




#16
Acetone
Concen: 15.309 ug/l
RT: 3.78 min Scan# 624
Delta R.T. 0.01 min
Lab File: VN061651.D
Acq: 4 Jun 2020 14:27

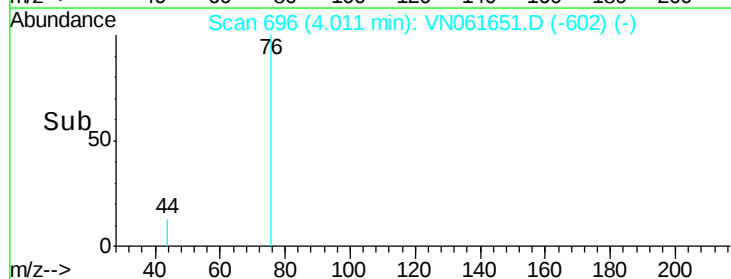
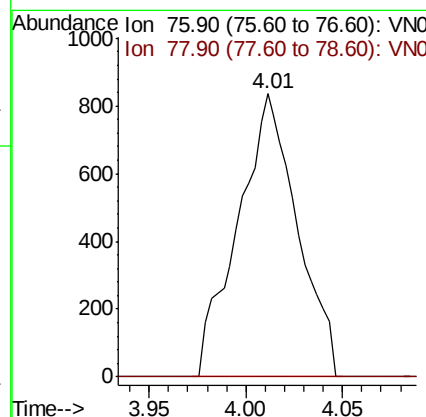
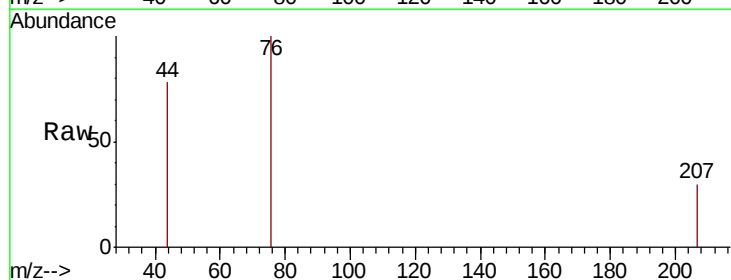
Instrument :
MSVOA_N
ClientSampled :

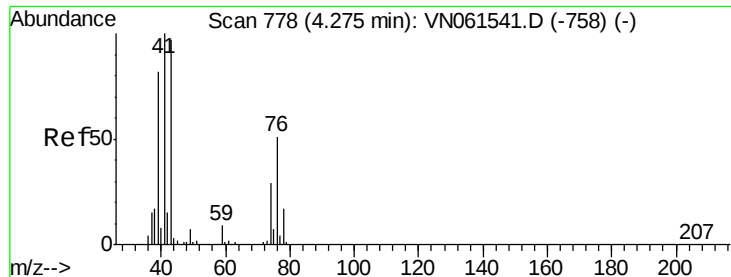
Tot Ion: 43 Resp: 21730
Ion Ratio Lower Upper
43 100
58 33.4 27.2 40.8



#17
Carbon Disulfide
Concen: 0.253 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN061651.D
Acq: 4 Jun 2020 14:27

Tgt Ion: 76 Resp: 1782
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

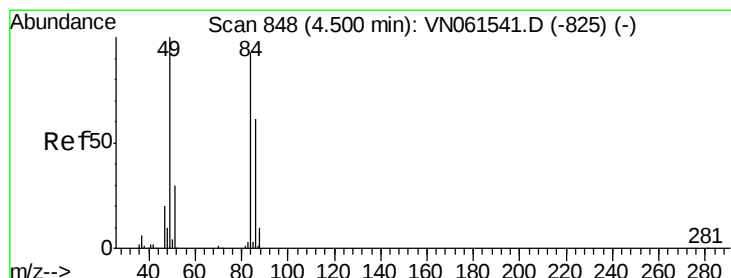
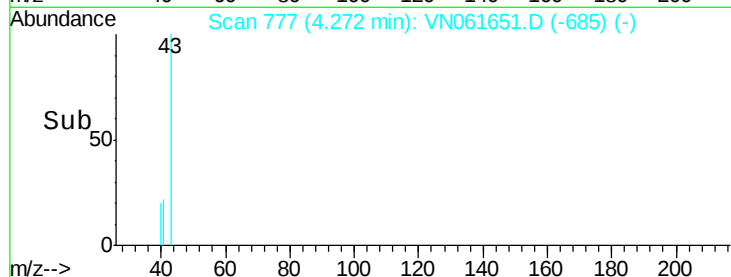
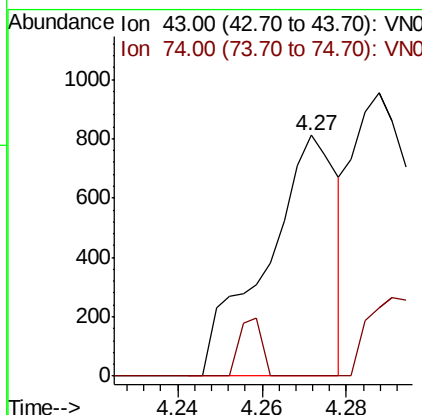
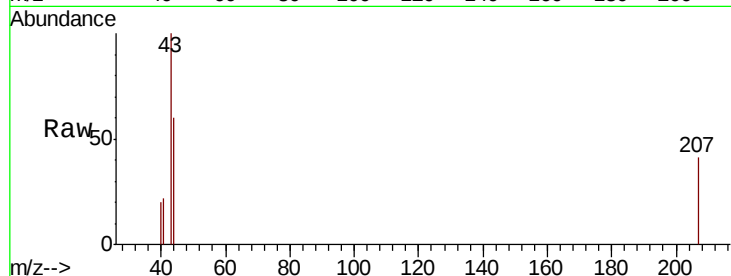




#18
Methyl Acetate
Concen: 0.282 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN061651.D
Acq: 4 Jun 2020 14:27

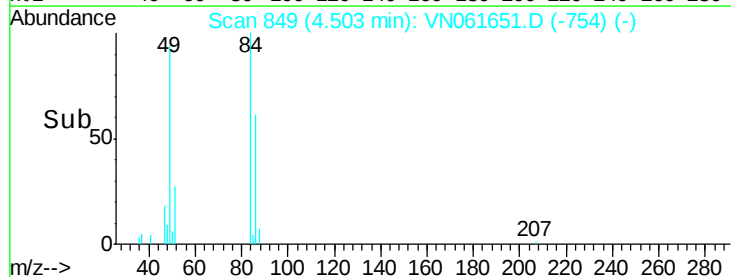
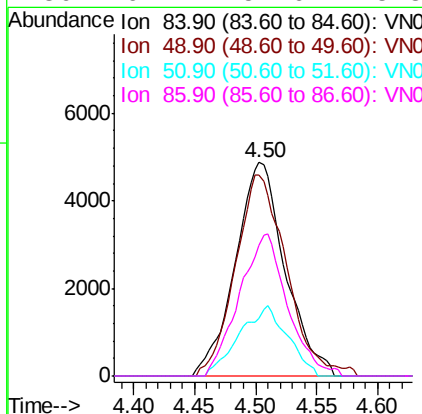
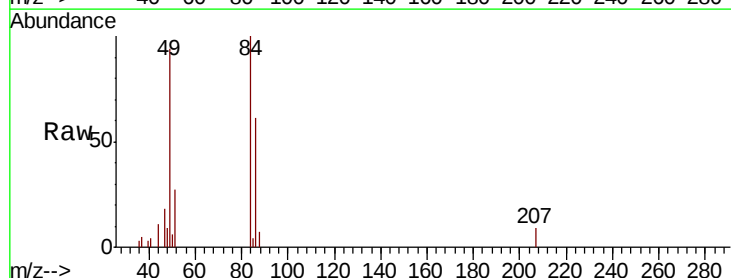
Instrument :
MSVOA_N
ClientSampled :

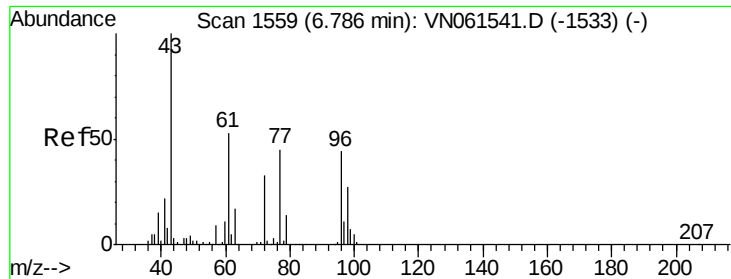
Tot Ion: 43 Resp: 952
Ion Ratio Lower Upper
43 100
74 7.7 23.2 34.8#



#20
Methylene Chloride
Concen: 2.407 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061651.D
Acq: 4 Jun 2020 14:27

Tgt Ion: 84 Resp: 13778
Ion Ratio Lower Upper
84 100
49 94.0 85.8 128.8
51 26.7 26.2 39.2
86 61.4 52.6 78.8

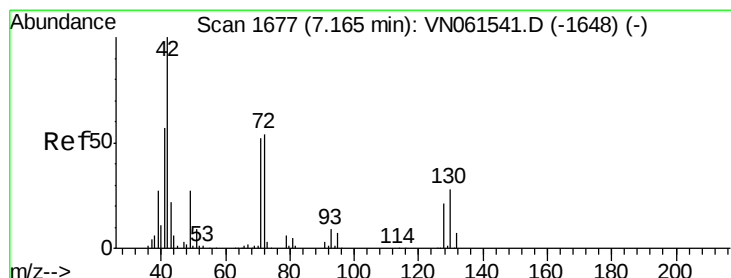
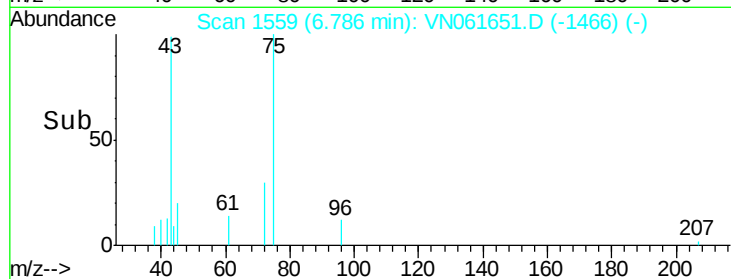
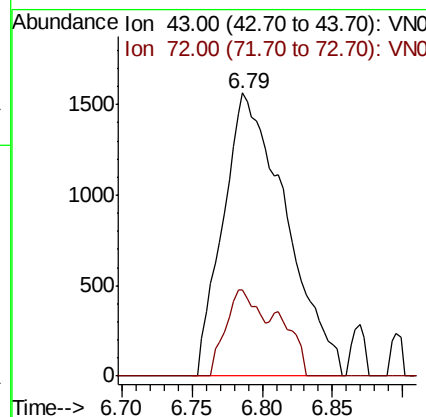
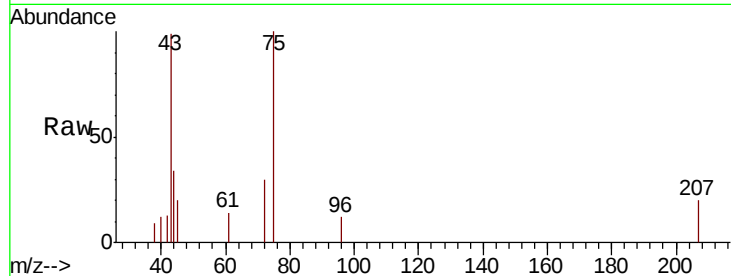




#25
2-Butanone
Concen: 2.746 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN061651.D
Acq: 4 Jun 2020 14:27

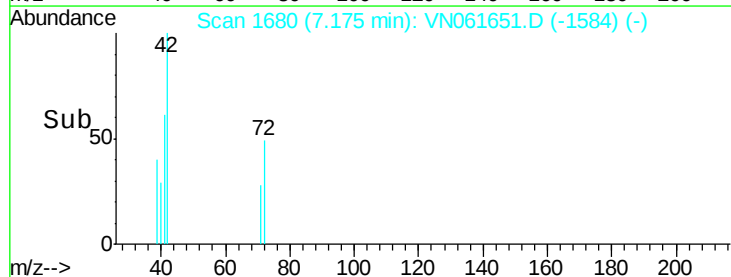
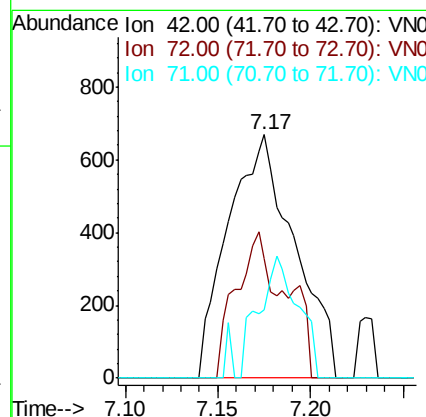
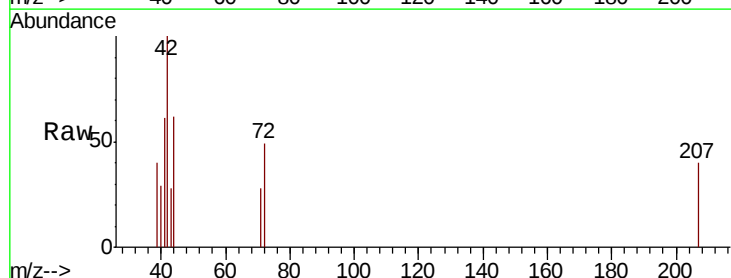
Instrument :
MSVOA_N
ClientSampled :

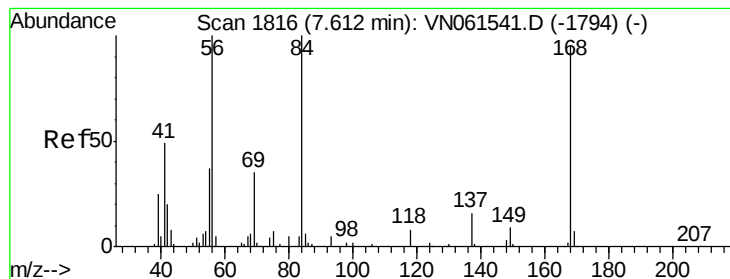
Tot Ion: 43 Resp: 4856
Ion Ratio Lower Upper
43 100
72 30.5 26.0 39.0



#29
Tetrahydrofuran
Concen: 1.426 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN061651.D
Acq: 4 Jun 2020 14:27

Tgt Ion: 42 Resp: 1663
Ion Ratio Lower Upper
42 100
72 31.6 43.6 65.4#
71 29.9 41.2 61.8#





#31

Cyclohexane

Concen: 1.095 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VN061651.D

Acq: 4 Jun 2020 14:27

Instrument :

MSVOA_N

ClientSampled :

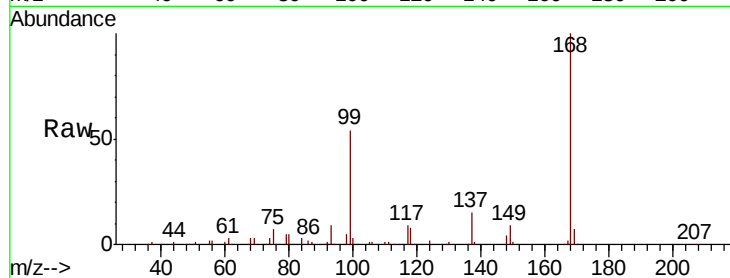
Tot Ion: 56 Resp: 5761

Ion Ratio Lower Upper

56 100

69 187.4 27.8 41.8#

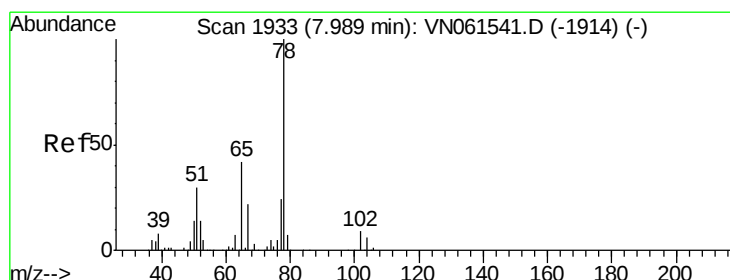
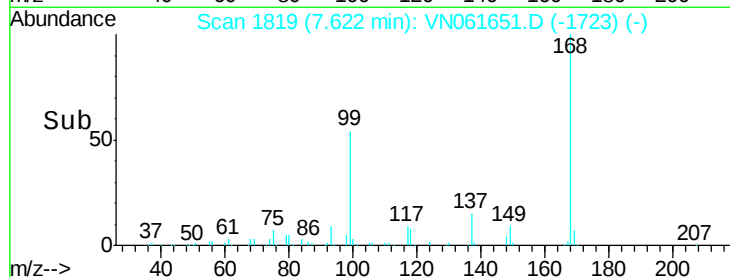
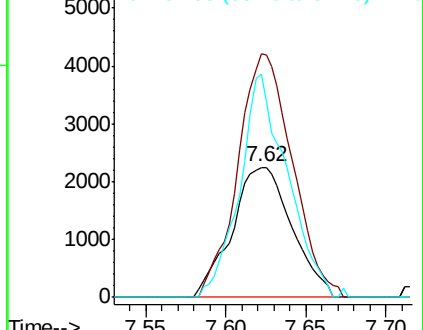
84 171.9 79.9 119.9#



Abundance Ion 56.00 (55.70 to 56.70): VN061651.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN061651.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN061651.D (-1794) (-)



#33

1,2-Dichloroethane-d4

Concen: 44.760 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061651.D

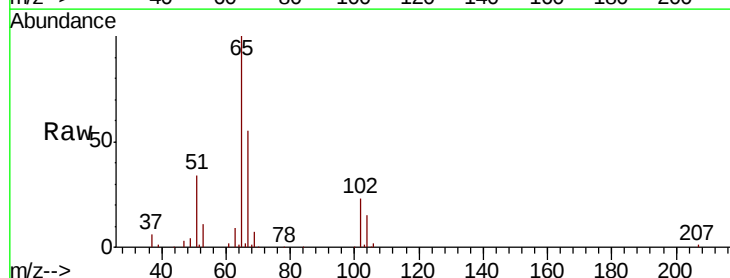
Acq: 4 Jun 2020 14:27

Tgt Ion: 65 Resp: 167019

Ion Ratio Lower Upper

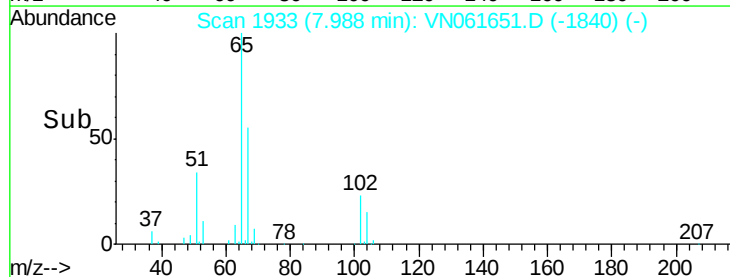
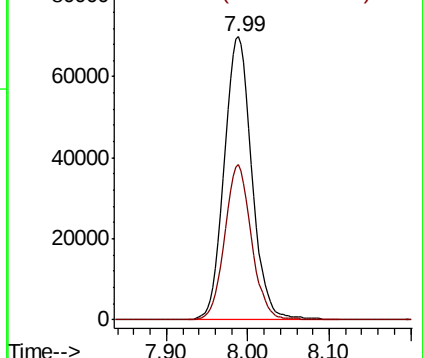
65 100

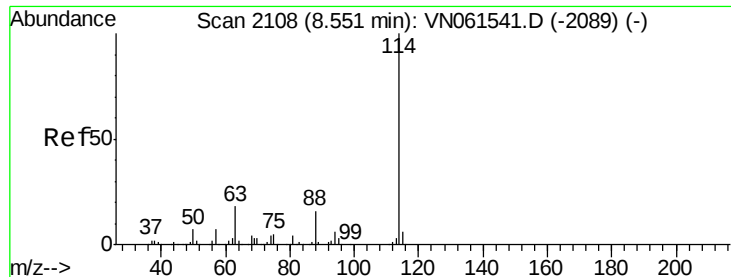
67 53.2 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN061651.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN061651.D (-1840) (-)

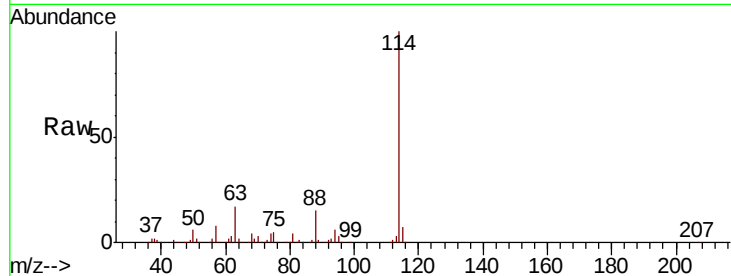




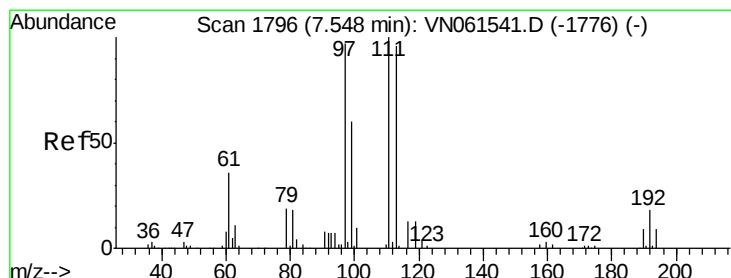
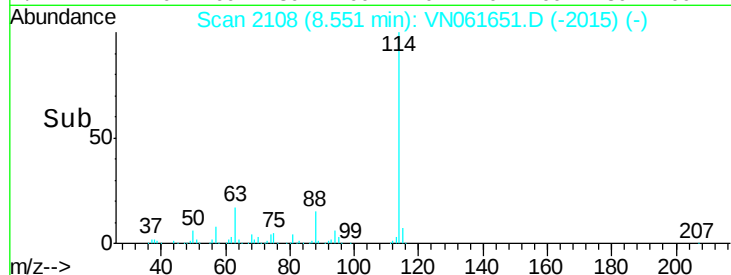
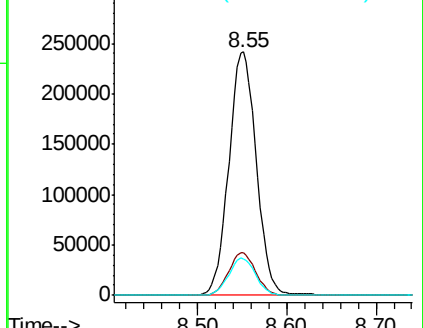
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061651.D
 Acq: 4 Jun 2020 14:27

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	35.8
88	15.1	0.0	31.0

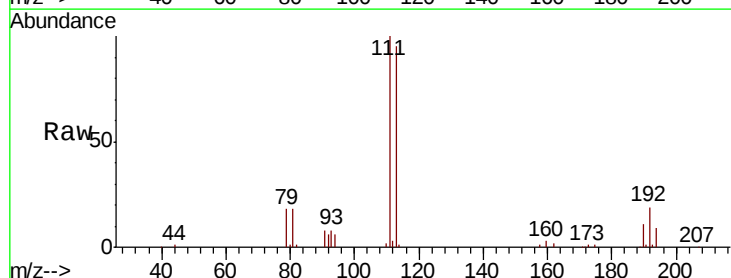


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

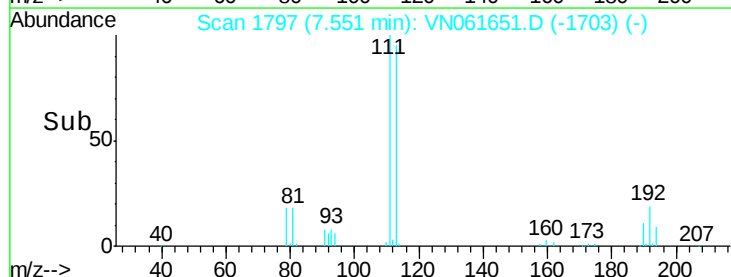
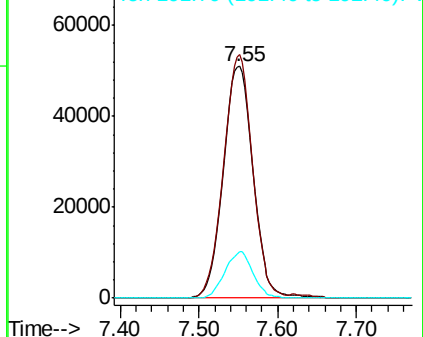


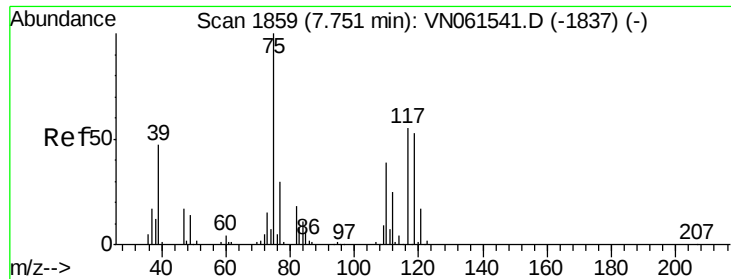
#35
 Dibromofluoromethane
 Concen: 51.364 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061651.D
 Acq: 4 Jun 2020 14:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	83.4	125.0
192	18.9	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

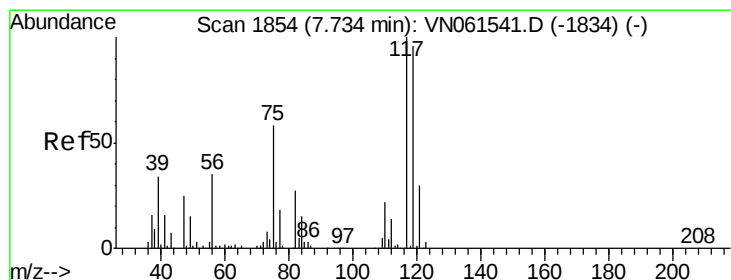
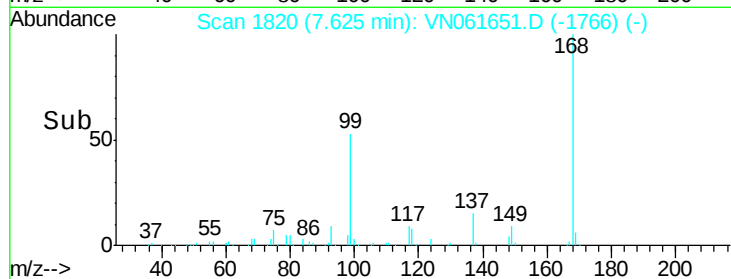
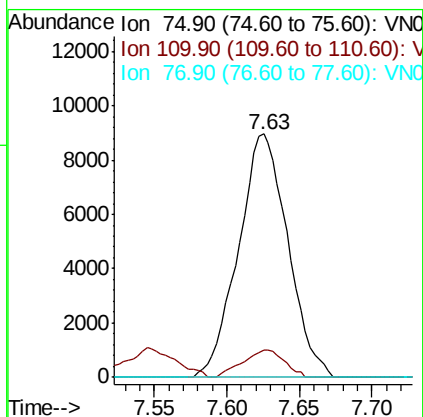
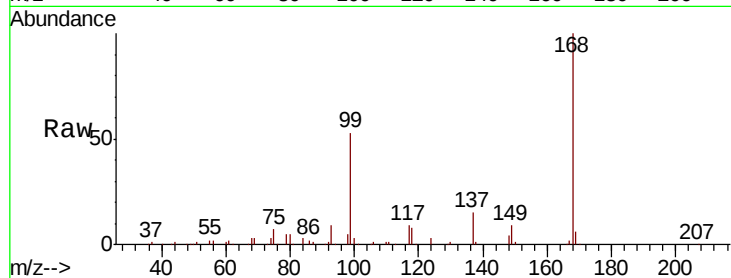




#36
 1,1-Dichloropropene
 Concen: 4.662 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061651.D
 Acq: 4 Jun 2020 14:27

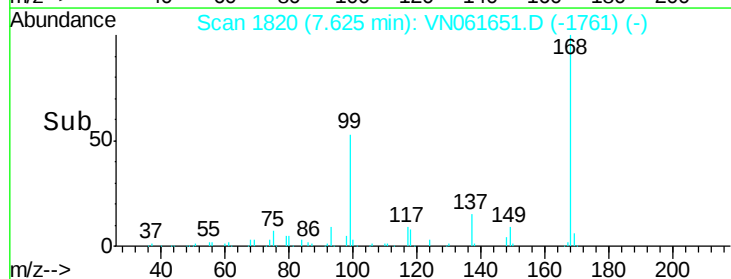
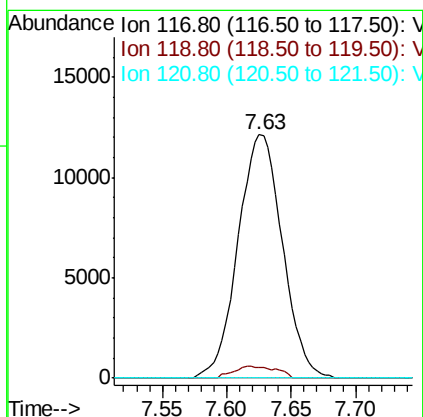
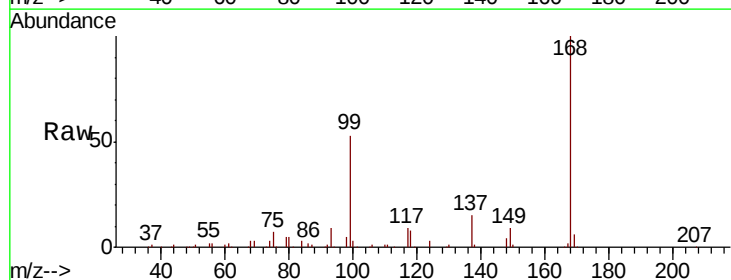
Instrument :
 MSVOA_N
 ClientSampleId :

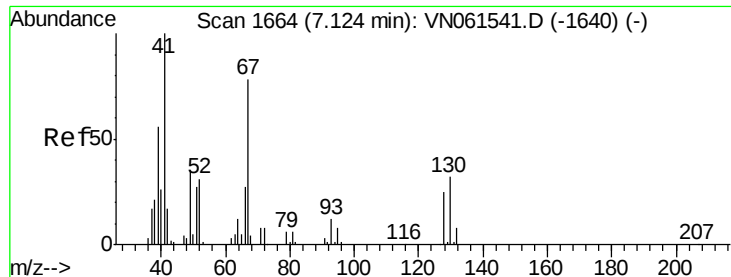
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.5	19.5	58.5#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.611 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN061651.D
 Acq: 4 Jun 2020 14:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.5	114.7#
121	0.0	24.1	36.1#

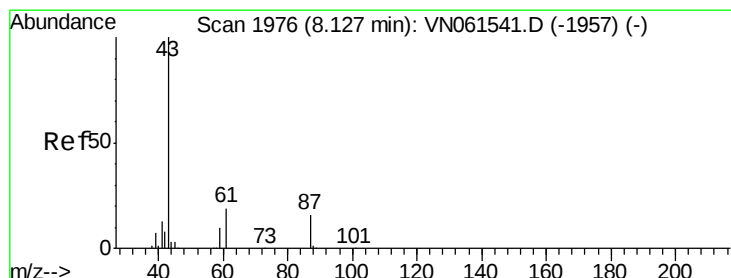
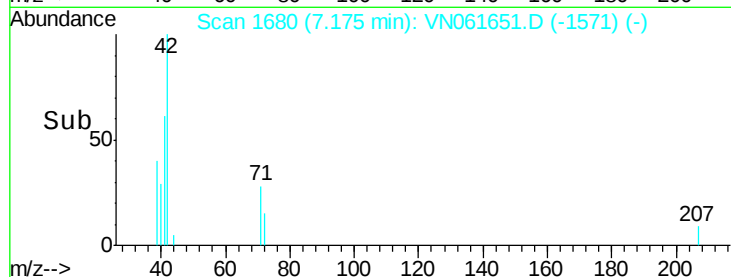
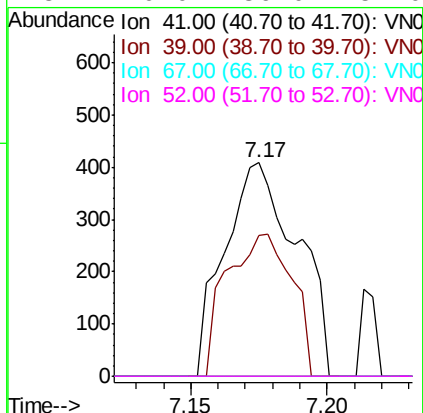
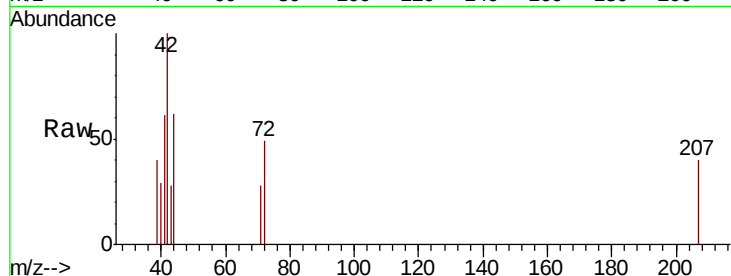




#41
Methacrylonitrile
Concen: 0.449 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. 0.05 min
Lab File: VN061651.D
Acq: 4 Jun 2020 14:27

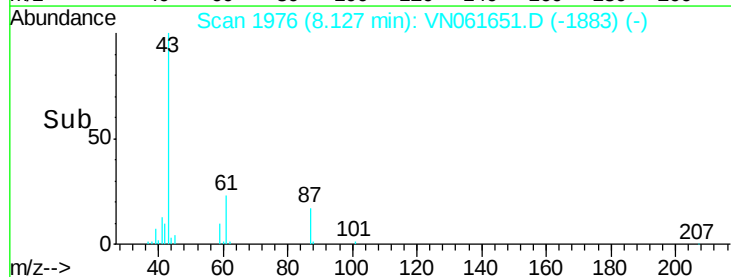
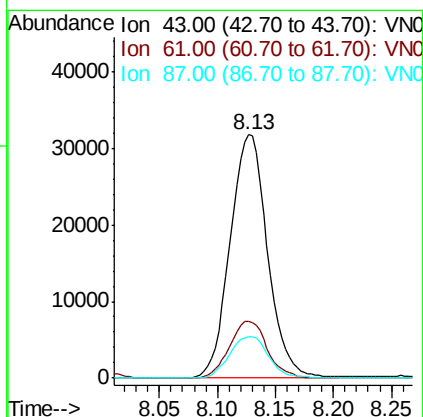
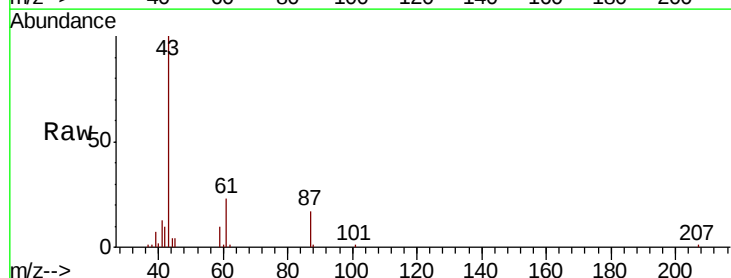
Instrument :
MSVOA_N
ClientSampled :

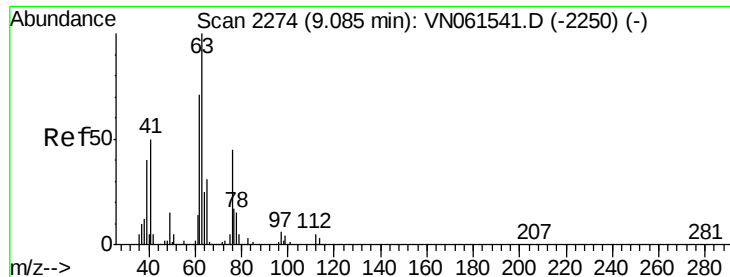
Tot Ion: 41 Resp: 754
Ion Ratio Lower Upper
41 100
39 59.9 53.8 80.6
67 0.0 91.1 136.7#
52 0.0 36.0 54.0#



#43
Isopropyl Acetate
Concen: 10.788 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN061651.D
Acq: 4 Jun 2020 14:27

Tgt Ion: 43 Resp: 71184
Ion Ratio Lower Upper
43 100
61 23.5 23.6 35.4#
87 17.6 13.0 19.6

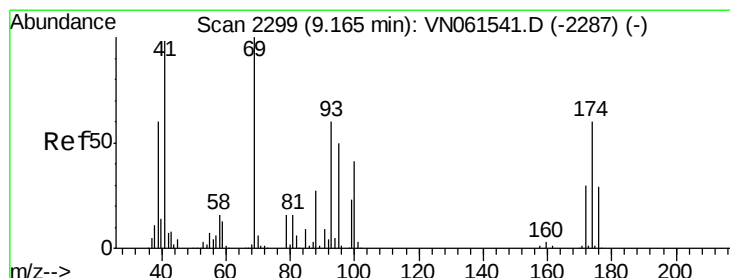
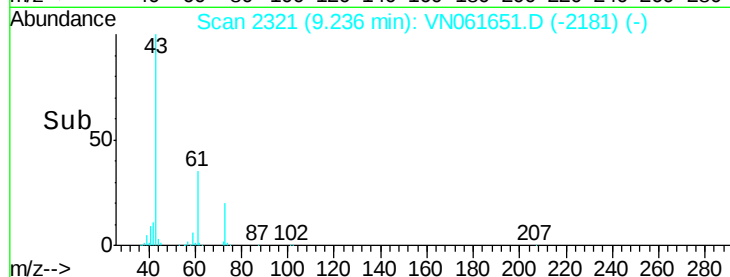
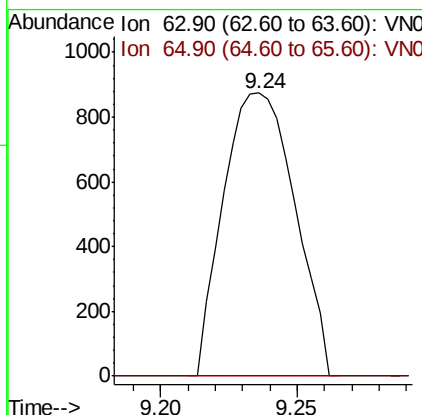
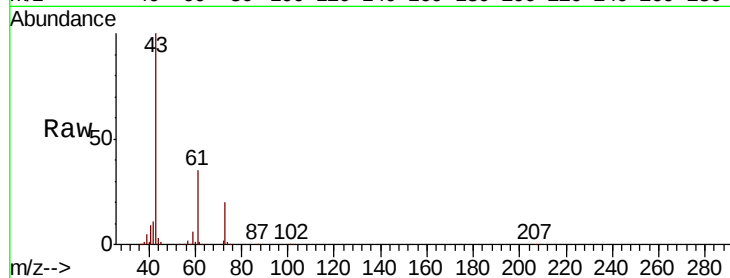




#45
 1,2-Dichloropropane
 Concen: 0.478 ug/l
 RT: 9.24 min Scan# 2321
 Delta R.T. 0.15 min
 Lab File: VN061651.D
 Acq: 4 Jun 2020 14:27

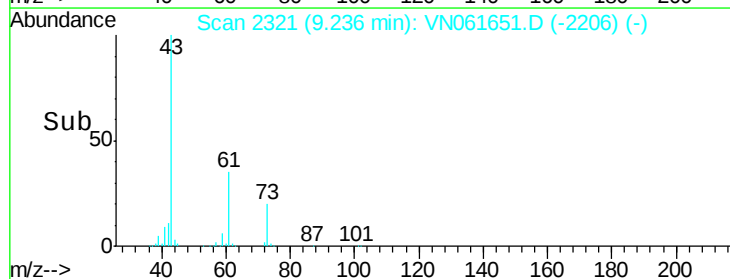
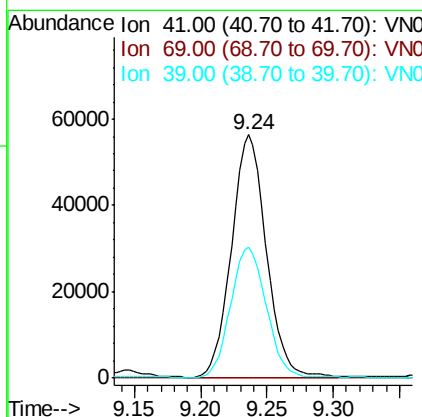
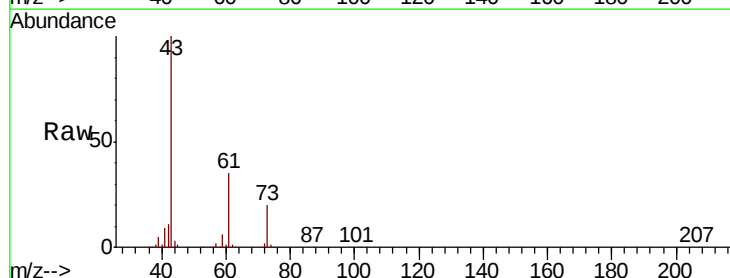
Instrument :
 MSVOA_N
 ClientSampleId :

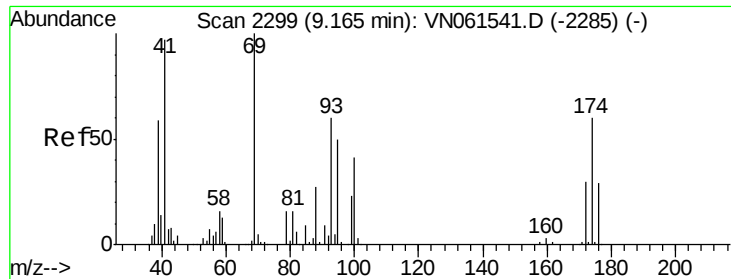
Tot Ion: 63 Resp: 1594
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.7 37.1#



#48
 Methyl methacrylate
 Concen: 34.526 ug/l
 RT: 9.24 min Scan# 2321
 Delta R.T. 0.07 min
 Lab File: VN061651.D
 Acq: 4 Jun 2020 14:27

Tgt Ion: 41 Resp: 102500
 Ion Ratio Lower Upper
 41 100
 69 0.0 83.9 125.9#
 39 55.6 52.1 78.1

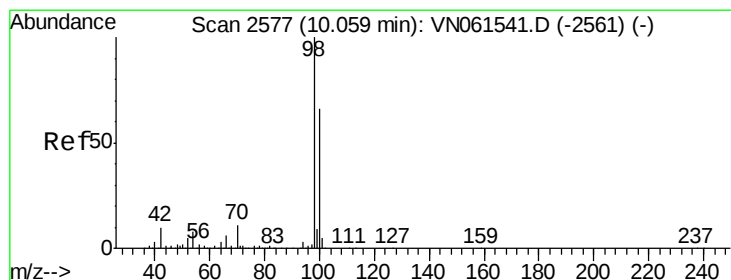
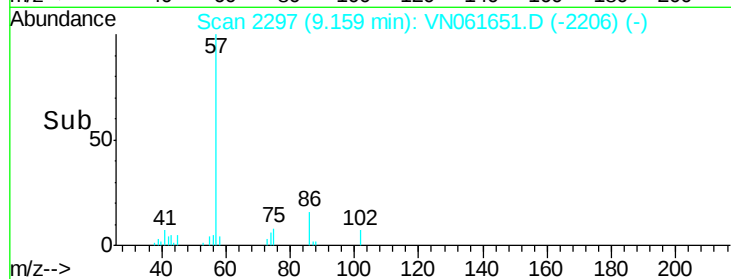
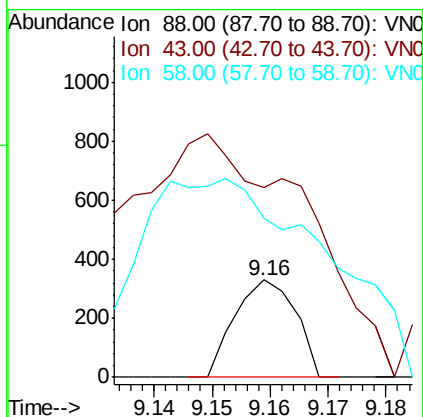
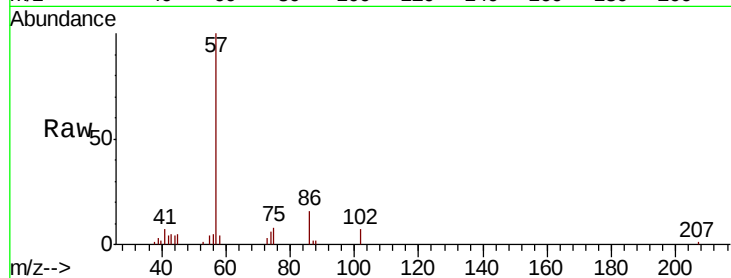




#49
1,4-Dioxane
Concen: 5.197 ug/l
RT: 9.16 min Scan# 2297
Delta R.T. -0.01 min
Lab File: VN061651.D
Acq: 4 Jun 2020 14:27

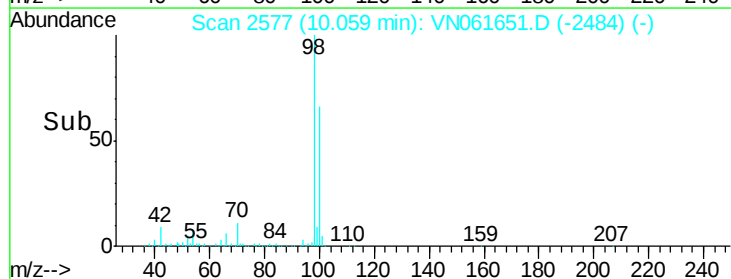
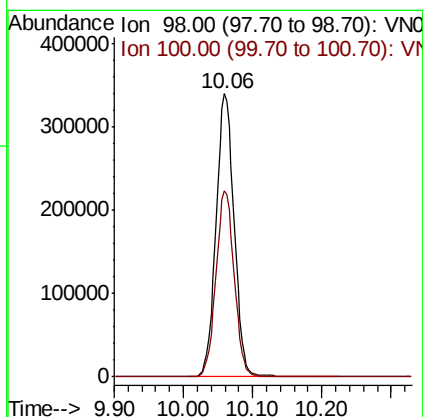
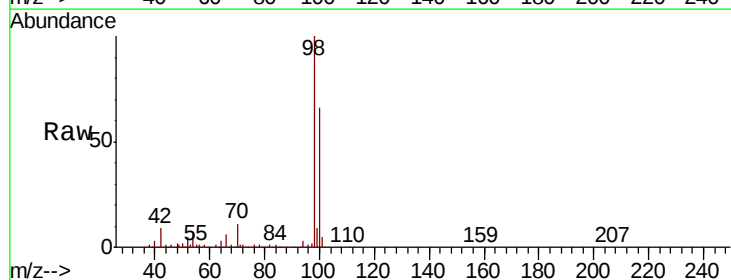
Instrument :
MSVOA_N
ClientSampled :

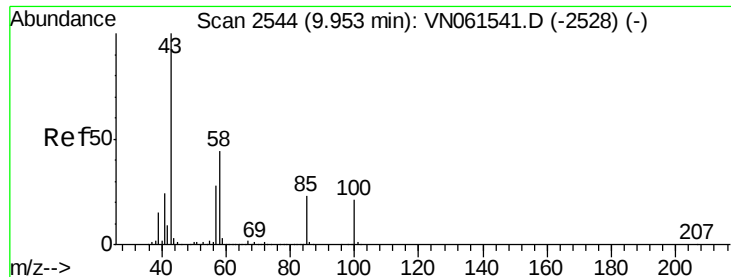
Tot Ion: 88 Resp: 239
Ion Ratio Lower Upper
88 100
43 0.0 23.1 34.7#
58 621.8 48.3 72.5#



#50
Toluene-d8
Concen: 50.873 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061651.D
Acq: 4 Jun 2020 14:27

Tgt Ion: 98 Resp: 615155
Ion Ratio Lower Upper
98 100
100 66.1 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 2.427 ug/l

RT: 9.96 min Scan# 2545

Delta R.T. 0.00 min

Lab File: VN061651.D

Acq: 4 Jun 2020 14:27

Instrument :

MSVOA_N

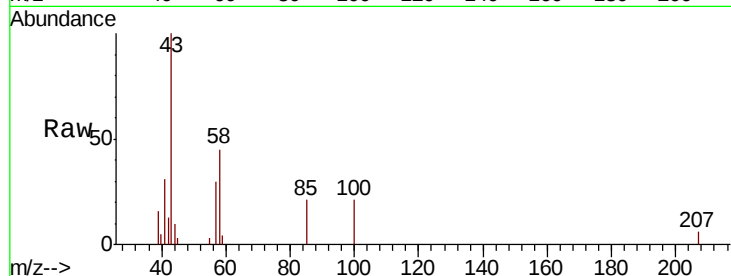
ClientSampled :

Tot Ion: 43 Resp: 9023

Ion Ratio Lower Upper

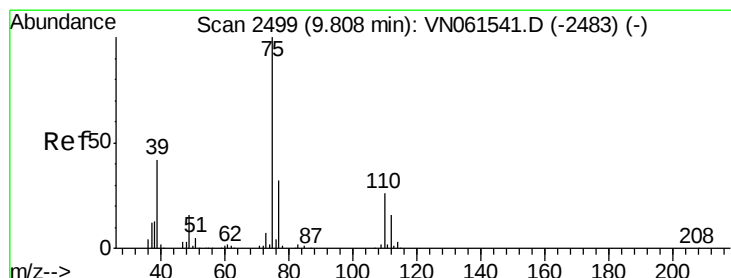
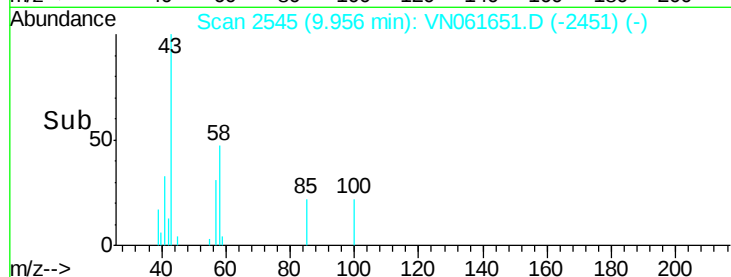
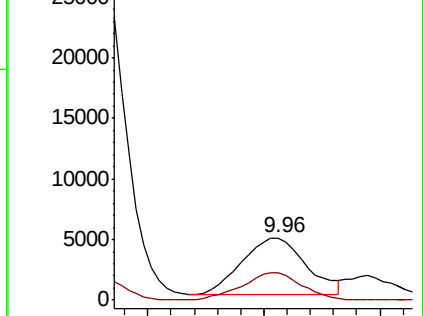
43 100

58 44.8 35.0 52.6



Abundance Ion 43.00 (42.70 to 43.70): VN061651.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN061651.D (-2528) (-)



#54

cis-1,3-Dichloropropene

Concen: 7.059 ug/l

RT: 9.88 min Scan# 2520

Delta R.T. 0.07 min

Lab File: VN061651.D

Acq: 4 Jun 2020 14:27

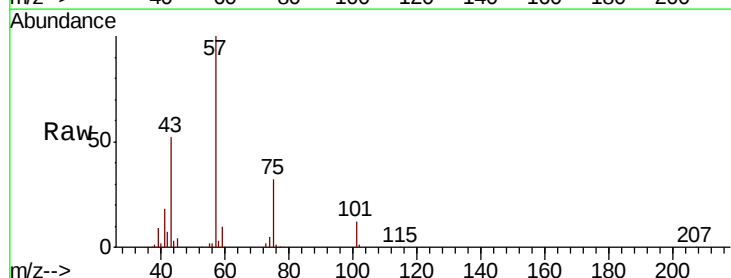
Tgt Ion: 75 Resp: 41450

Ion Ratio Lower Upper

75 100

77 0.7 25.4 38.2#

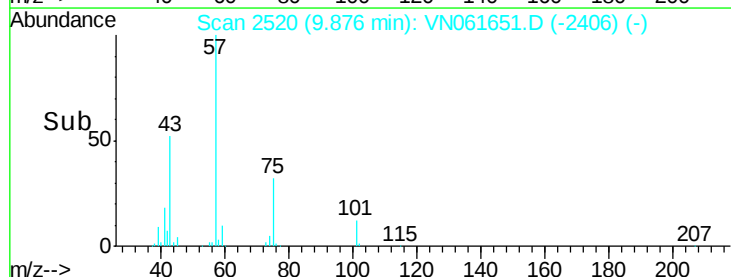
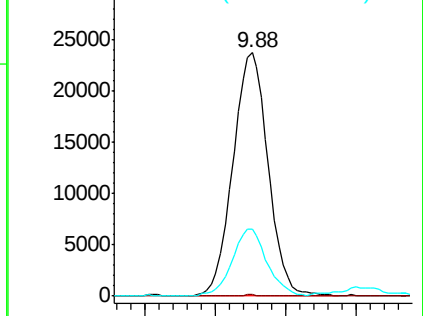
39 27.6 33.8 50.6#

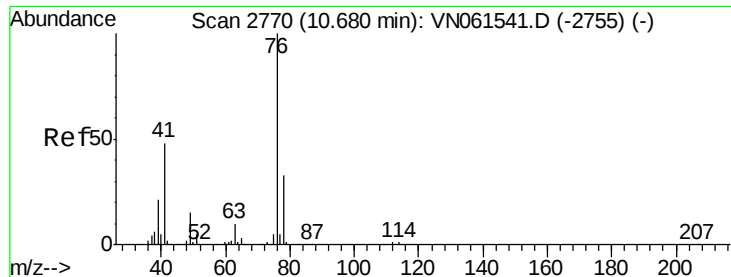


Abundance Ion 74.90 (74.60 to 75.60): VN061651.D (-2406) (-)

Ion 76.90 (76.60 to 77.60): VN061651.D (-2406) (-)

Ion 39.00 (38.70 to 39.70): VN061651.D (-2406) (-)

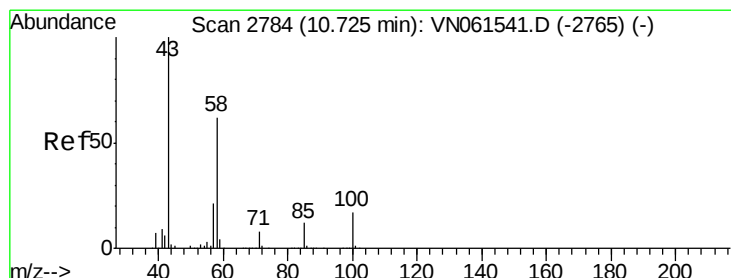
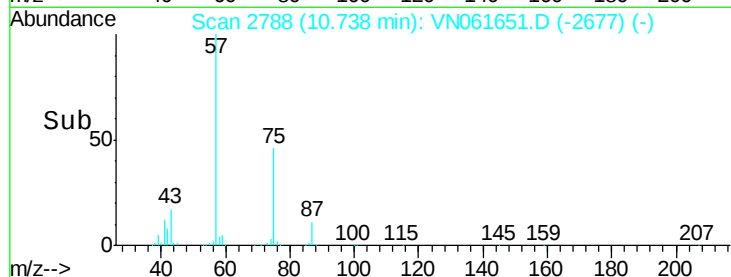
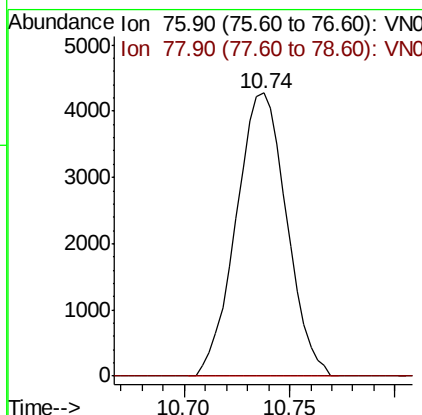
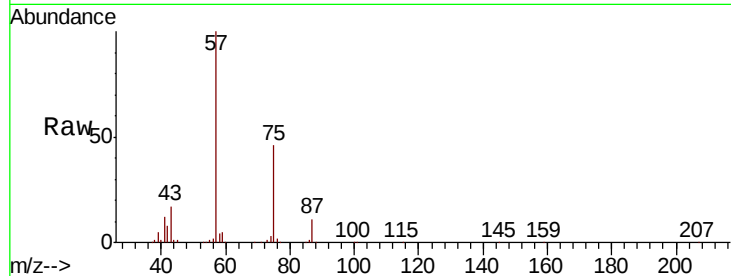




#57
 1,3-Dichloropropane
 Concen: 1.218 ug/l
 RT: 10.74 min Scan# 2788
 Delta R.T. 0.06 min
 Lab File: VN061651.D
 Acq: 4 Jun 2020 14:27

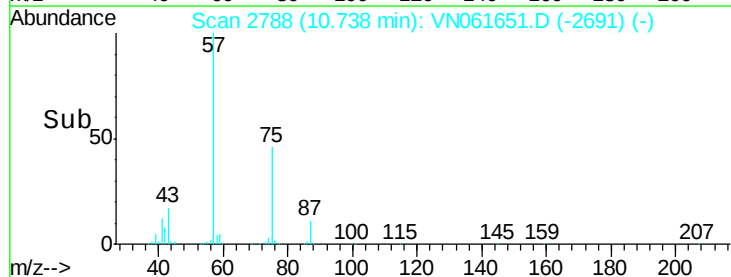
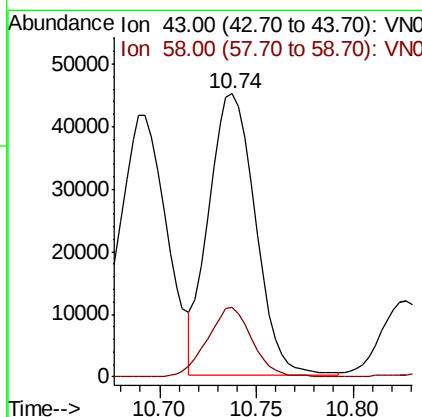
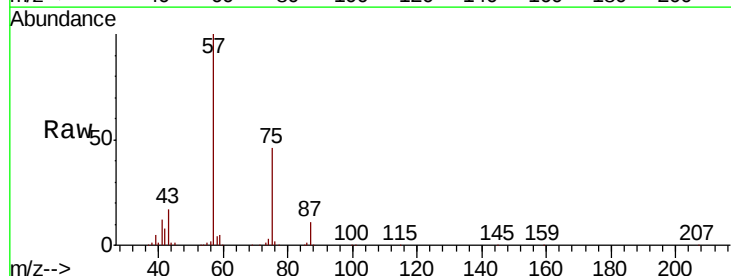
Instrument :
 MSVOA_N
 ClientSampled :

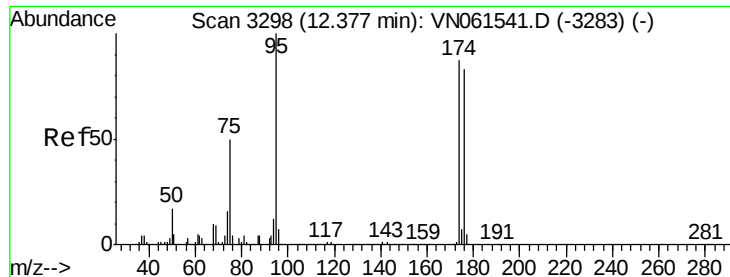
Tot Ion: 76 Resp: 7118
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.3 39.5#



#59
 2-Hexanone
 Concen: 28.375 ug/l
 RT: 10.74 min Scan# 2788
 Delta R.T. 0.01 min
 Lab File: VN061651.D
 Acq: 4 Jun 2020 14:27

Tgt Ion: 43 Resp: 75775
 Ion Ratio Lower Upper
 43 100
 58 23.7 30.7 92.1#





#62

4-Bromofluorobenzene

Concen: 51.595 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061651.D

Acq: 4 Jun 2020 14:27

Instrument :

MSVOA_N

ClientSampleId :

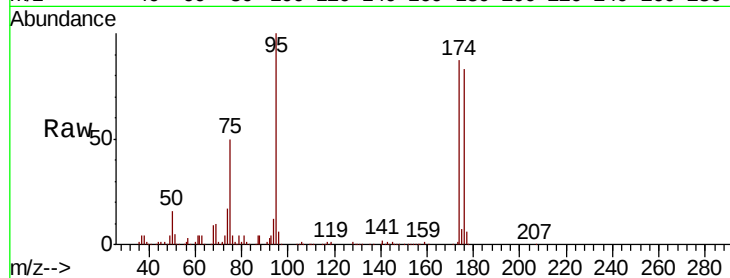
Tot Ion: 95 Resp: 227616

Ion Ratio Lower Upper

95 100

174 86.5 0.0 172.8

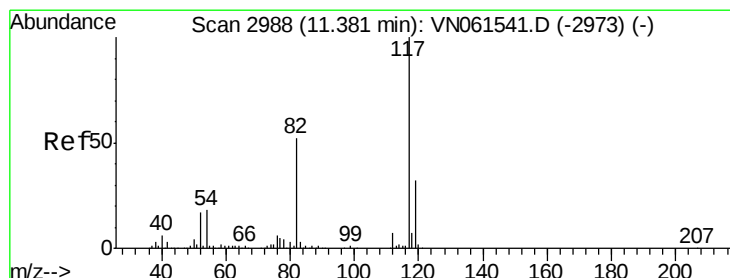
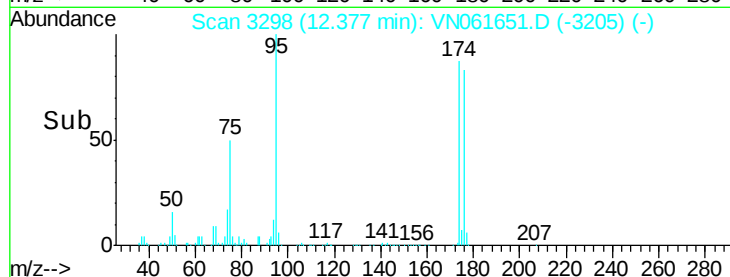
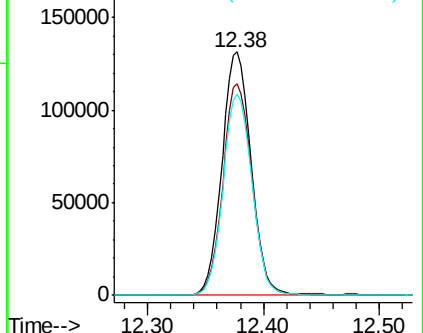
176 83.0 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061651.D (-3295) (-)

Ion 173.80 (173.50 to 174.50): VN061651.D (-3295) (-)

Ion 175.80 (175.50 to 176.50): VN061651.D (-3295) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061651.D

Acq: 4 Jun 2020 14:27

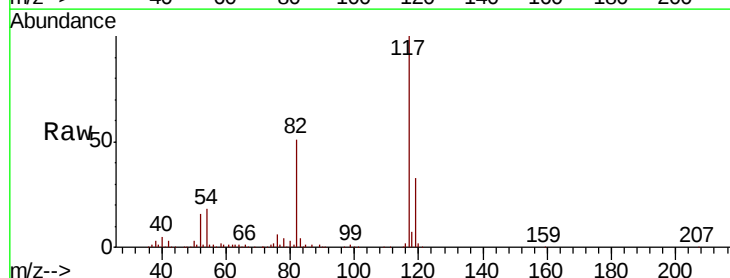
Tgt Ion: 117 Resp: 502583

Ion Ratio Lower Upper

117 100

82 51.0 41.5 62.3

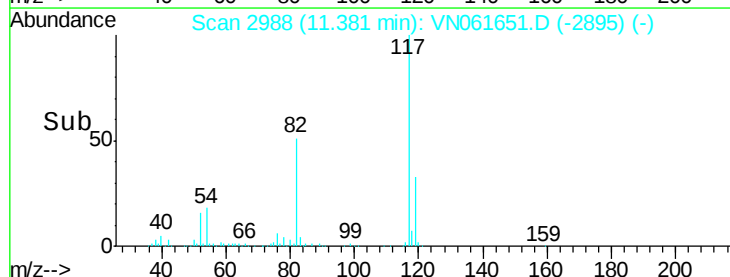
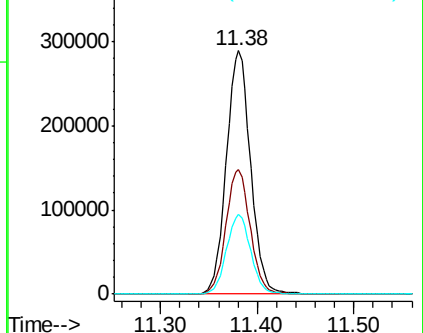
119 32.6 25.6 38.4

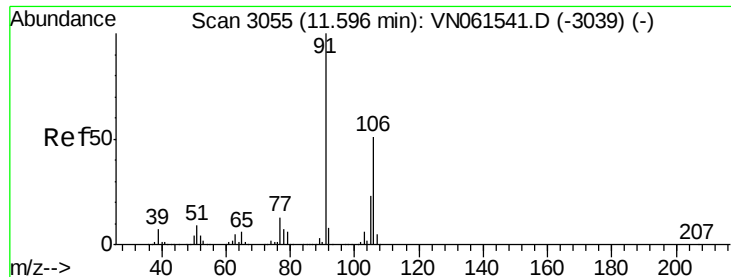


Abundance Ion 116.90 (116.60 to 117.60): VN061651.D (-2985) (-)

Ion 82.00 (81.70 to 82.70): VN061651.D (-2985) (-)

Ion 118.90 (118.60 to 119.60): VN061651.D (-2985) (-)





#68

m/p-Xvlenes

Concen: 0.244 ug/l

RT: 11.59 min Scan# 3052

Delta R.T. -0.01 min

Lab File: VN061651.D

Acq: 4 Jun 2020 14:27

Instrument :

MSVOA_N

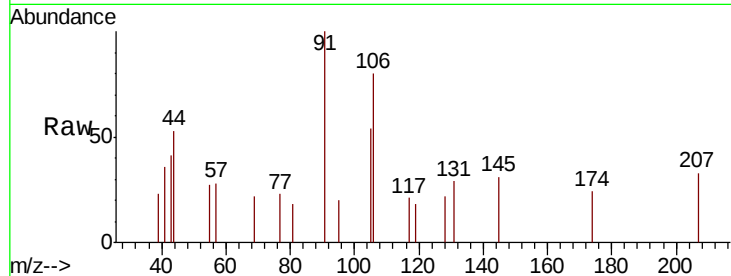
ClientSampleId :

Tot Ion:106 Resp: 1749

Ion Ratio Lower Upper

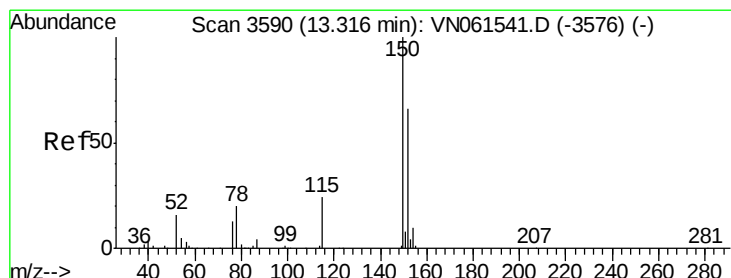
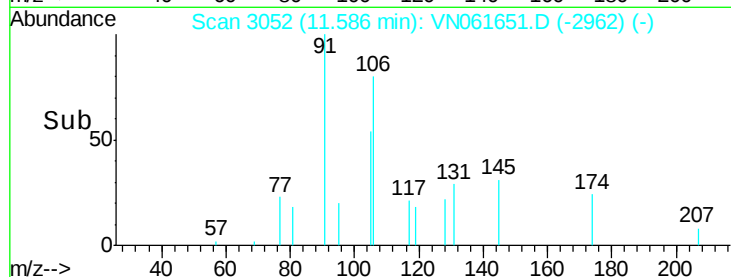
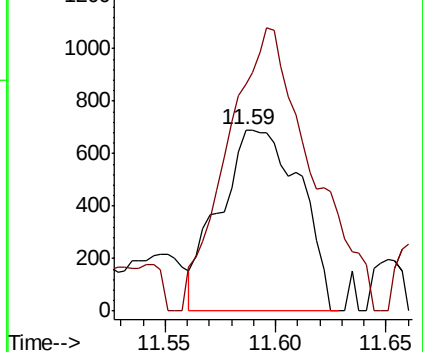
106 100

91 163.7 156.2 234.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061651.D

Acq: 4 Jun 2020 14:27

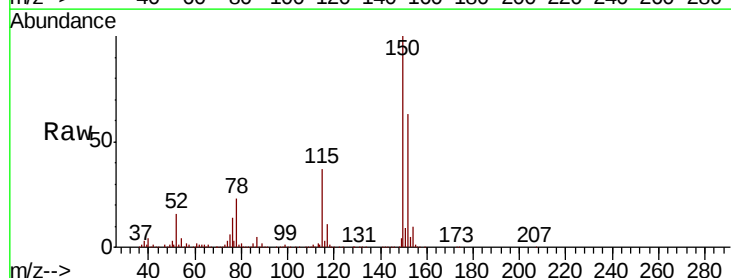
Tgt Ion:152 Resp: 234872

Ion Ratio Lower Upper

152 100

115 56.4 28.0 84.0

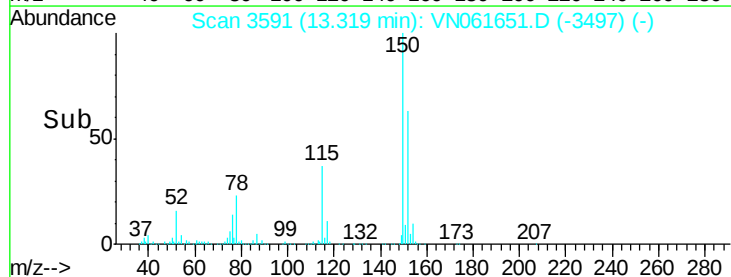
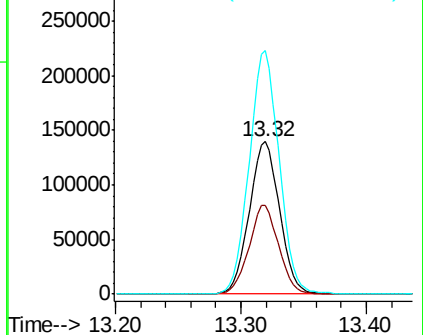
150 158.2 0.0 344.0

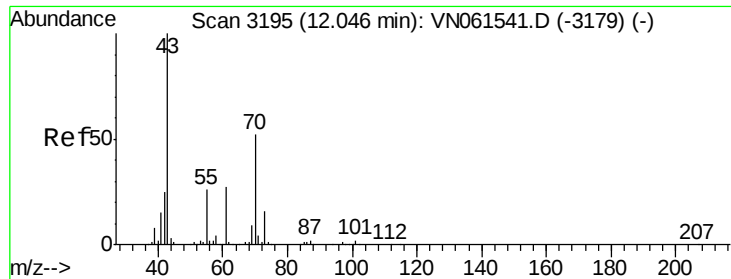


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.492 ug/l

RT: 12.01 min Scan# 3183

Delta R.T. -0.04 min

Lab File: VN061651.D

Acq: 4 Jun 2020 14:27

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 2654

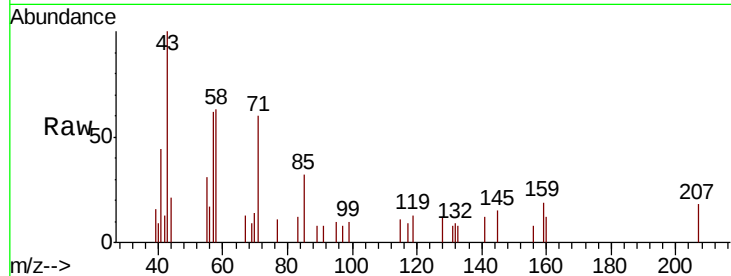
Ion Ratio Lower Upper

43 100

70 18.1 40.5 60.7#

55 28.9 20.6 31.0

61 0.0 21.8 32.6#

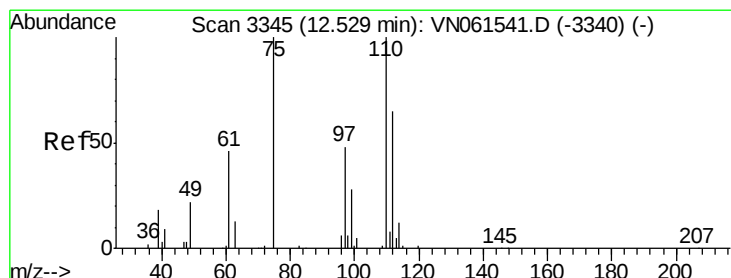
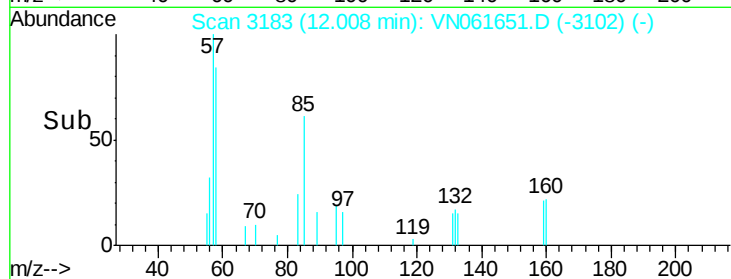
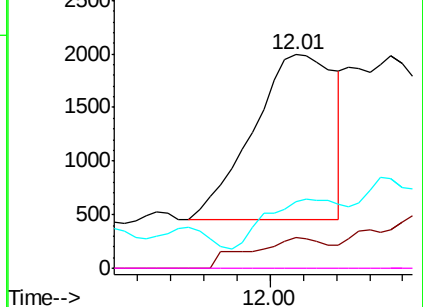


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



#76

1,2,3-Trichloropropane

Concen: 25.809 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061651.D

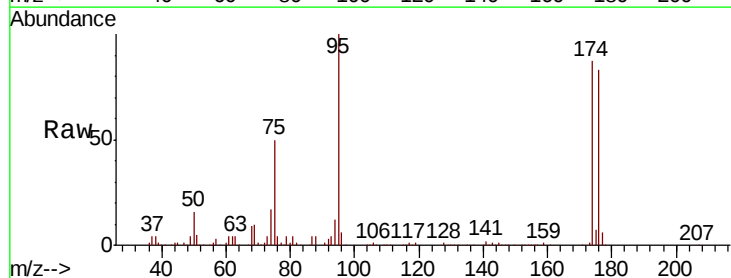
Acq: 4 Jun 2020 14:27

Tgt Ion: 75 Resp: 110226

Ion Ratio Lower Upper

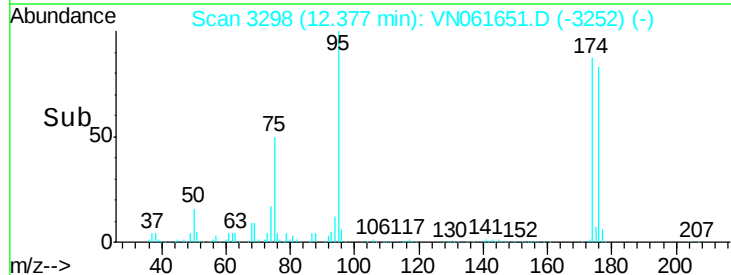
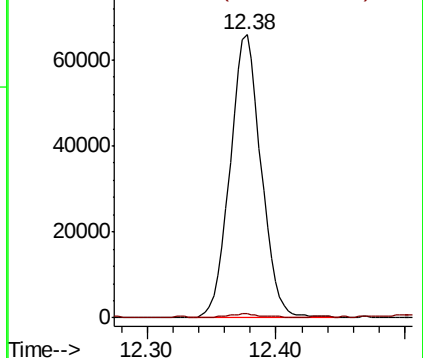
75 100

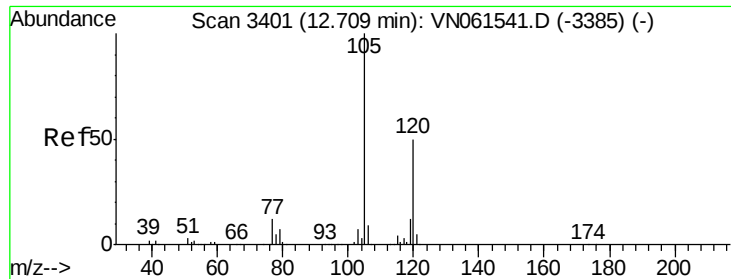
77 1.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

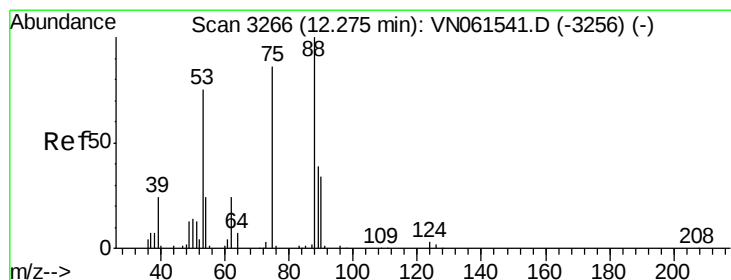
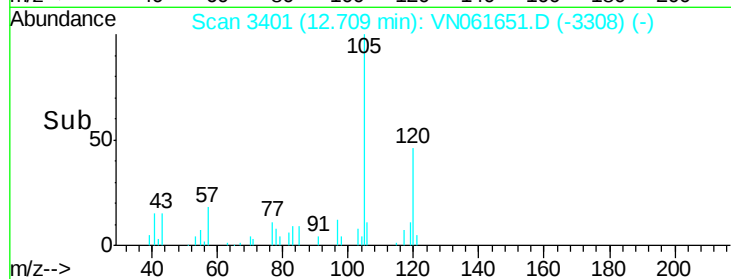
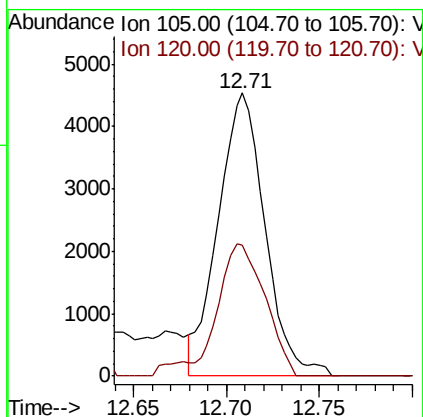
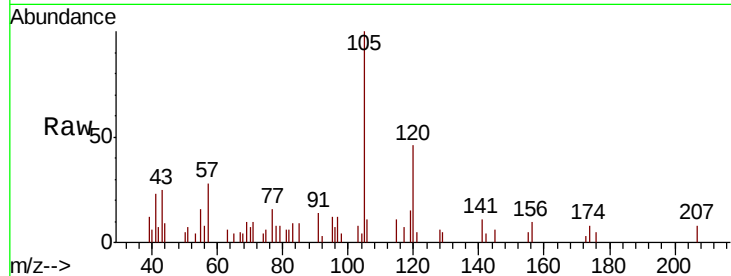




#80
 1,3,5-Trimethylbenzene
 Concen: 0.556 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061651.D
 Acq: 4 Jun 2020 14:27

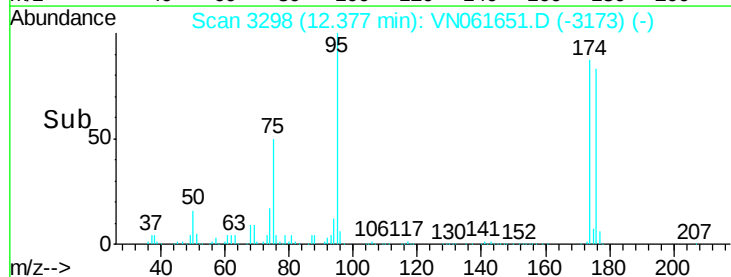
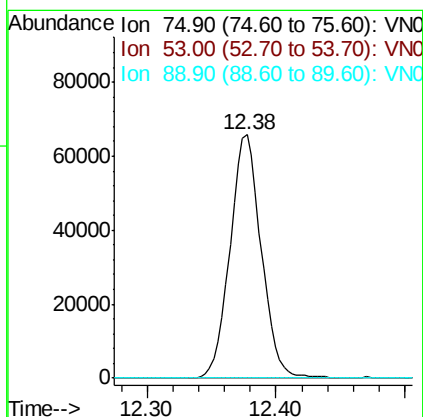
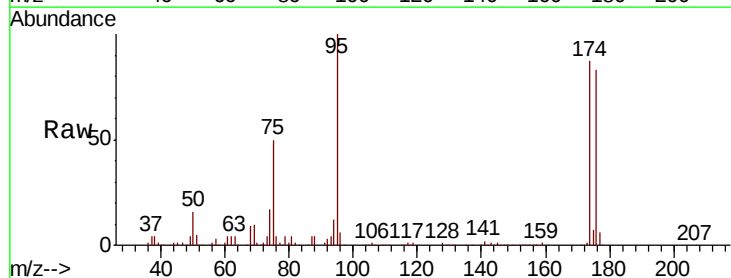
Instrument :
 MSVOA_N
 ClientSampled :

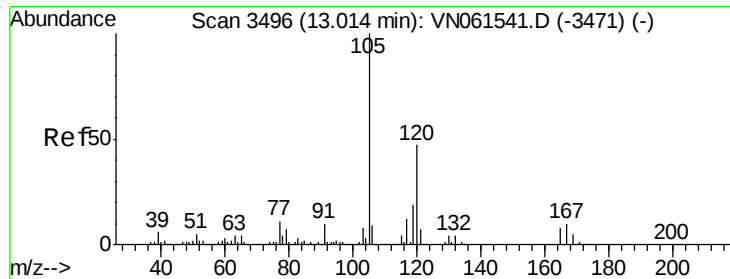
Tot Ion:105 Resp: 7962
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.1 75.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.000 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN061651.D
 Acq: 4 Jun 2020 14:27

Tgt Ion: 75 Resp: 110226
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.8 101.8#
 89 0.1 37.1 55.7#

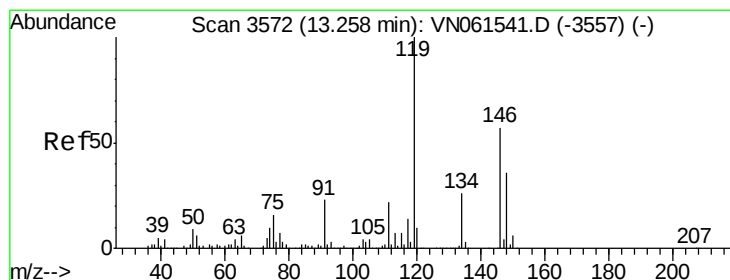
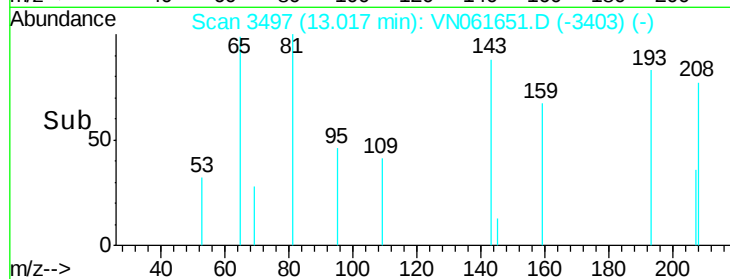
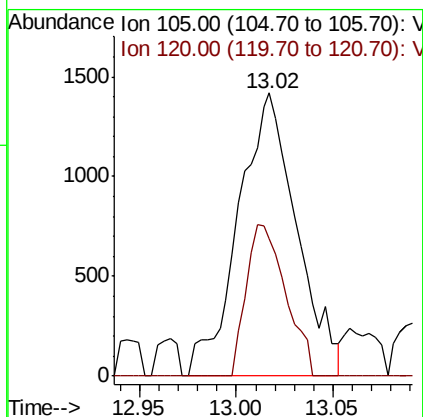
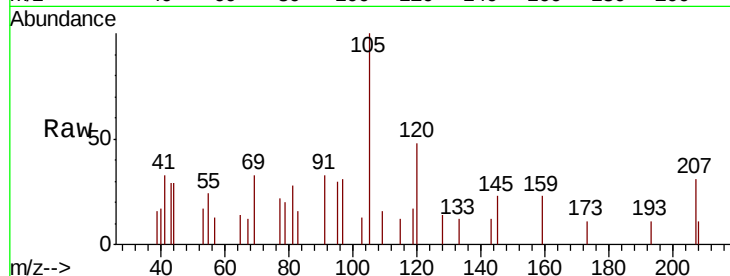




#84
 1,2,4-Trimethylbenzene
 Concen: 0.209 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN061651.D
 Acq: 4 Jun 2020 14:27

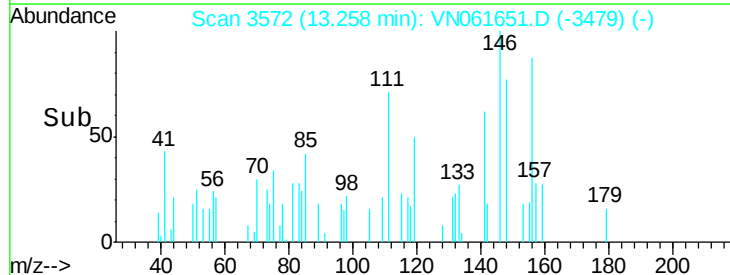
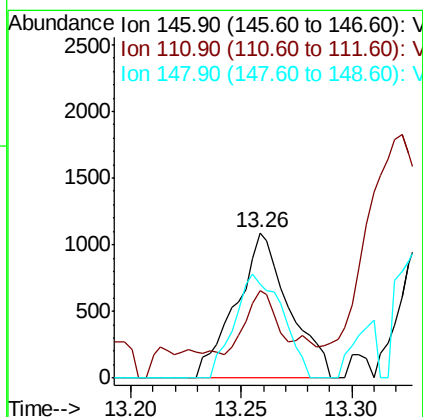
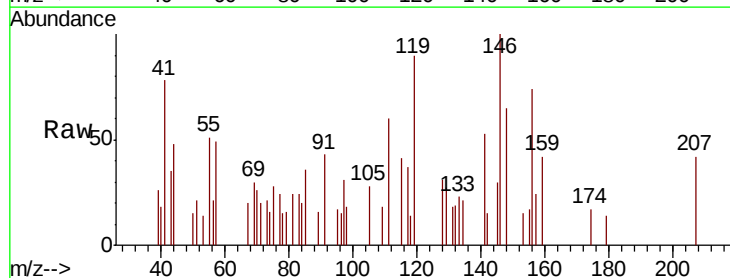
Instrument :
 MSVOA_N
 ClientSampled :

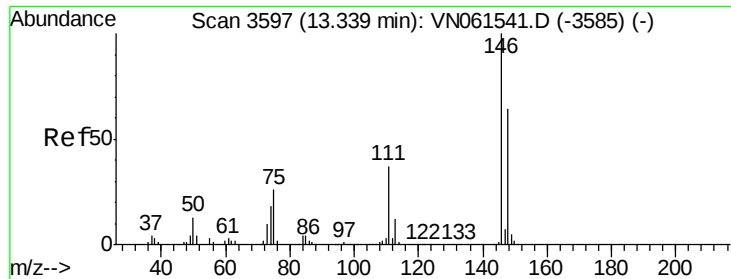
Tot Ion:105 Resp: 2972
 Ion Ratio Lower Upper
 105 100
 120 36.1 23.2 69.5



#87
 1,3-Dichlorobenzene
 Concen: 0.233 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061651.D
 Acq: 4 Jun 2020 14:27

Tgt Ion:146 Resp: 1808
 Ion Ratio Lower Upper
 146 100
 111 25.8 19.2 57.6
 148 65.0 31.7 95.1





#88

1,4-Dichlorobenzene

Concen: 0.229 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.08 min

Lab File: VN061651.D

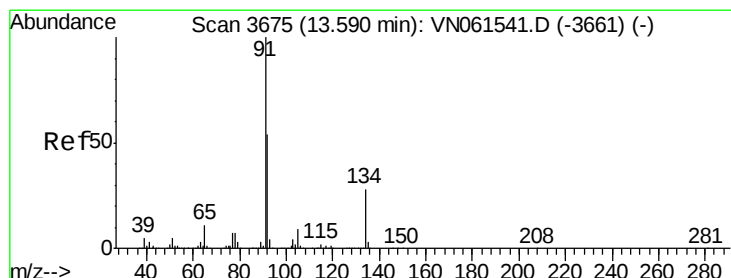
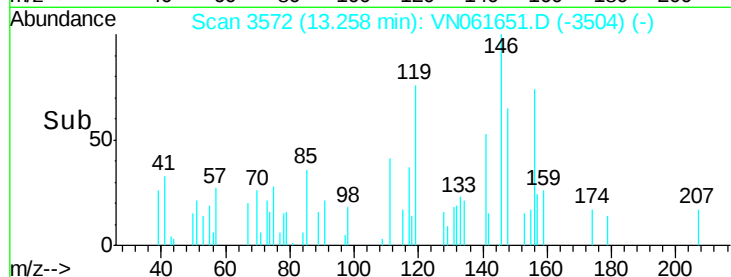
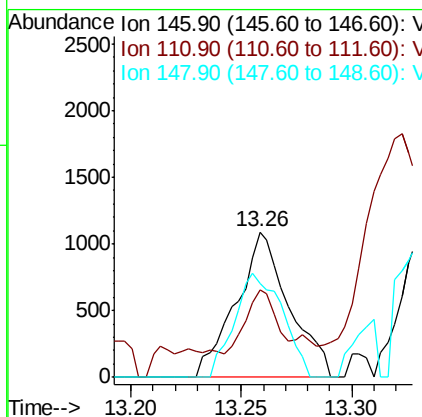
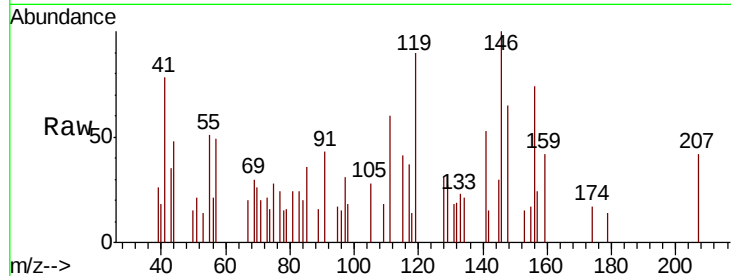
Acq: 4 Jun 2020 14:27

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	146	Resp:	1808
Ion	Ratio	Lower	Upper
146	100		
111	25.8	18.9	56.9
148	65.0	31.8	95.3



#89

n-Butylbenzene

Concen: 0.324 ug/l

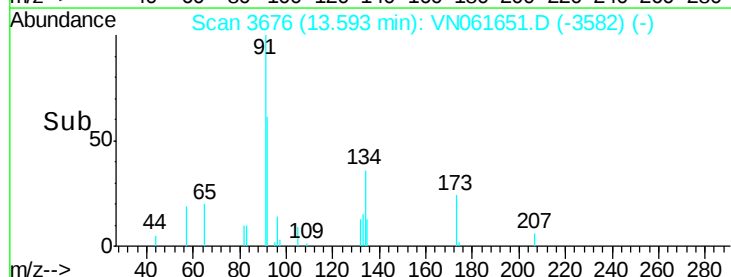
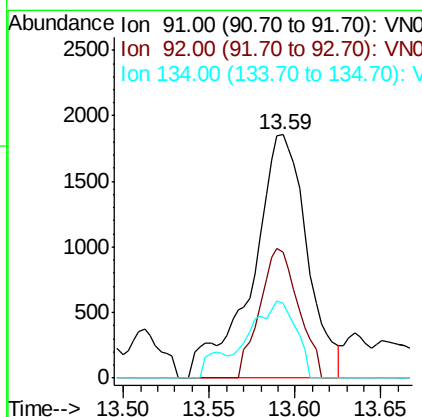
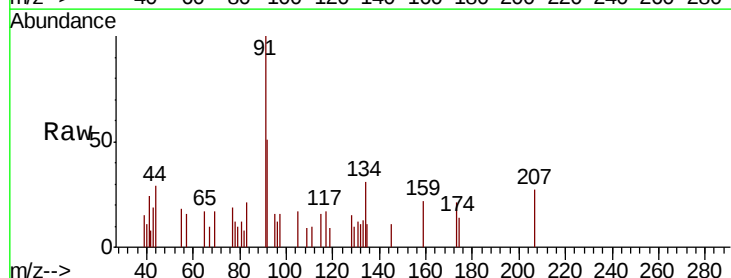
RT: 13.59 min Scan# 3676

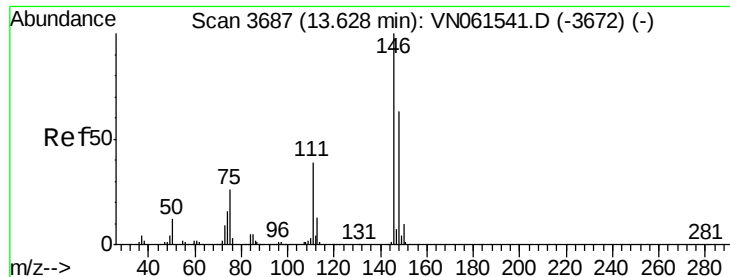
Delta R.T. 0.00 min

Lab File: VN061651.D

Acq: 4 Jun 2020 14:27

Tgt Ion:	91	Resp:	4076
Ion	Ratio	Lower	Upper
91	100		
92	37.6	27.2	81.6
134	26.1	14.0	42.0

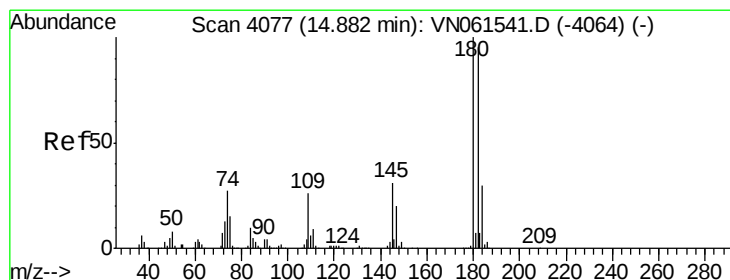
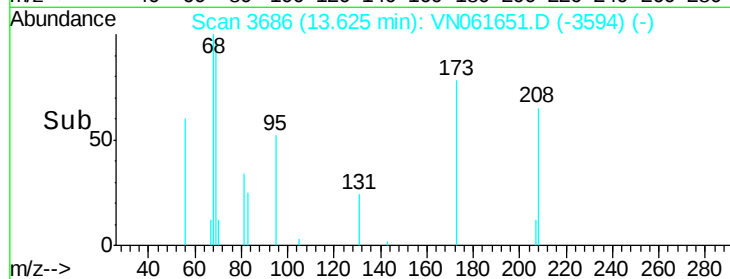
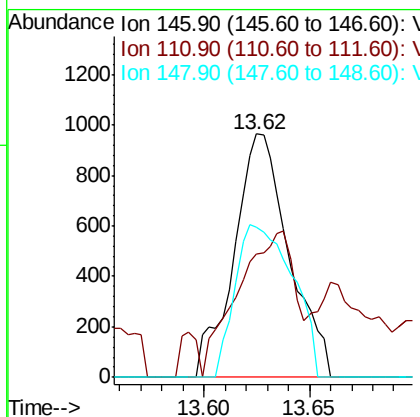
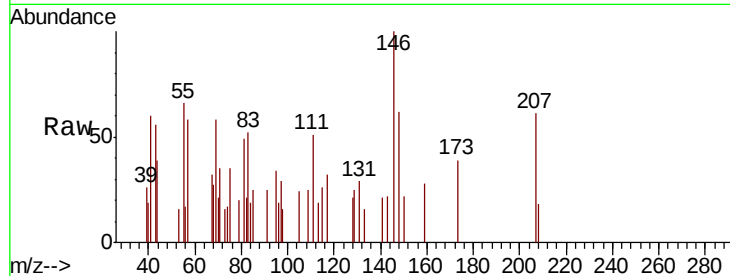




#91
 1,2-Dichlorobenzene
 Concen: 0.237 ug/l
 RT: 13.62 min Scan# 3686
 Delta R.T. -0.00 min
 Lab File: VN061651.D
 Acq: 4 Jun 2020 14:27

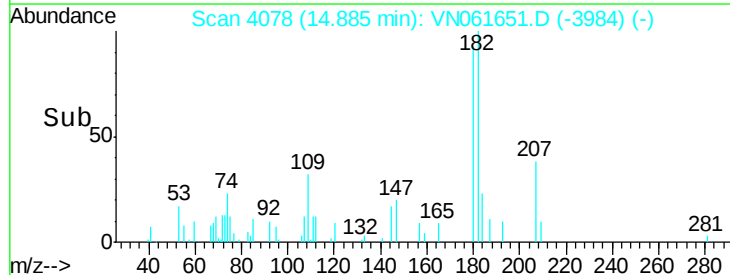
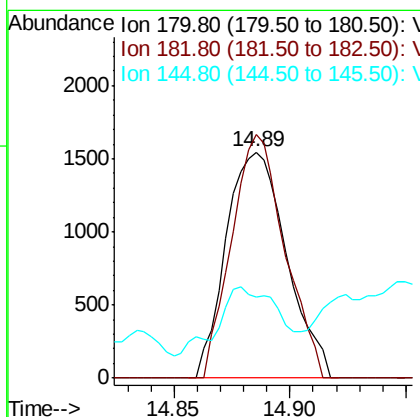
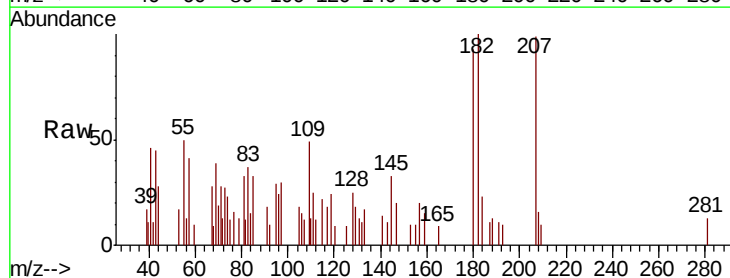
Instrument :
 MSVOA_N
 ClientSampled :

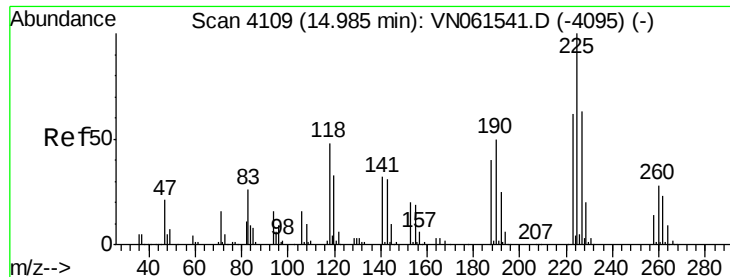
Tot Ion:146 Resp: 1753
 Ion Ratio Lower Upper
 146 100
 111 62.5 20.1 60.2#
 148 65.3 31.9 95.5



#93
 1,2,4-Trichlorobenzene
 Concen: 0.648 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061651.D
 Acq: 4 Jun 2020 14:27

Tgt Ion:180 Resp: 2806
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.8 143.3
 145 29.2 15.5 46.5





#94

Hexachlorobutadiene

Concen: 0.719 ug/l

RT: 14.98 min Scan# 4109

Delta R.T. -0.00 min

Lab File: VN061651.D

Acq: 4 Jun 2020 14:27

Instrument :

MSVOA_N

ClientSampleId :

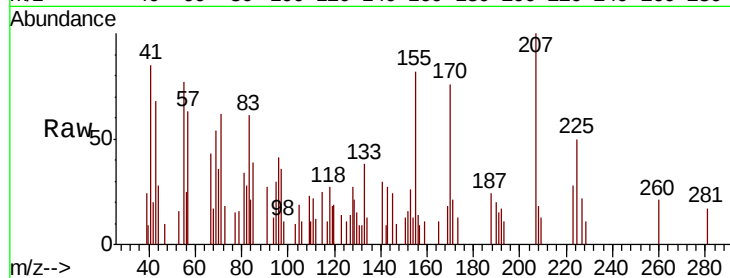
Tot Ion:225 Resp: 1328

Ion Ratio Lower Upper

225 100

223 61.8 31.9 95.5

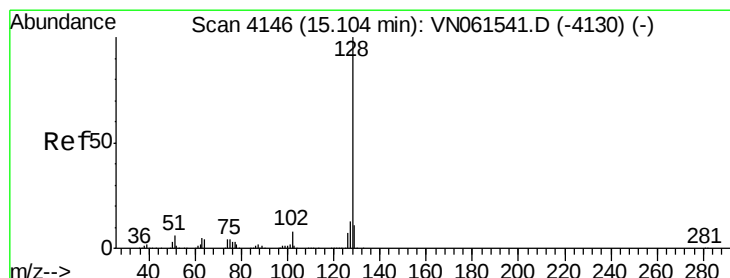
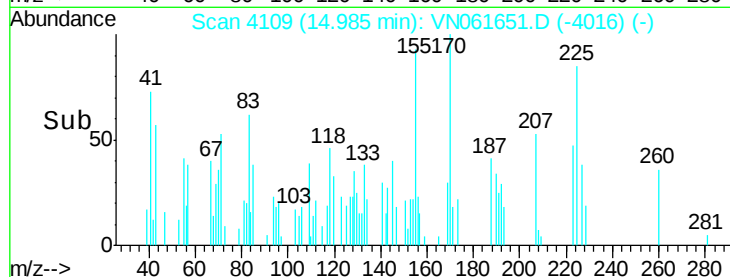
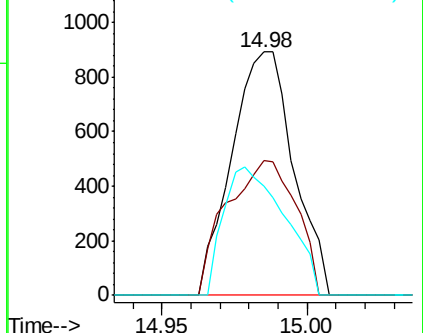
227 52.0 31.9 95.9



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: 1.092 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN061651.D

Acq: 4 Jun 2020 14:27

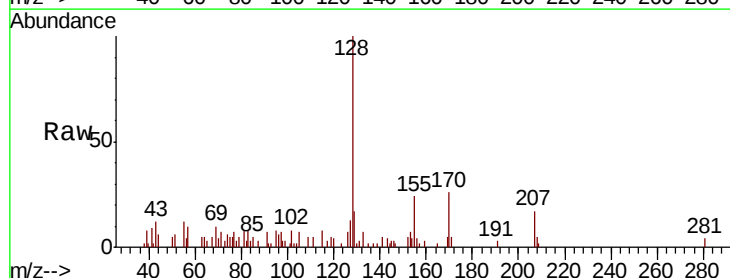
Tgt Ion:128 Resp: 14391

Ion Ratio Lower Upper

128 100

127 17.0 10.0 15.0#

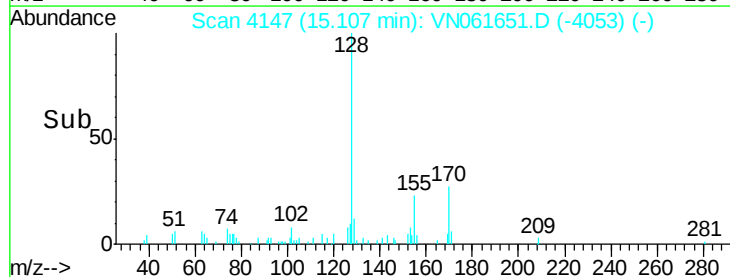
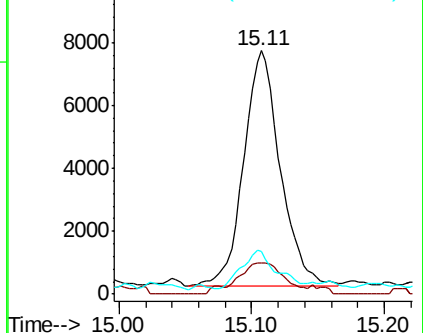
129 15.1 8.5 12.7#

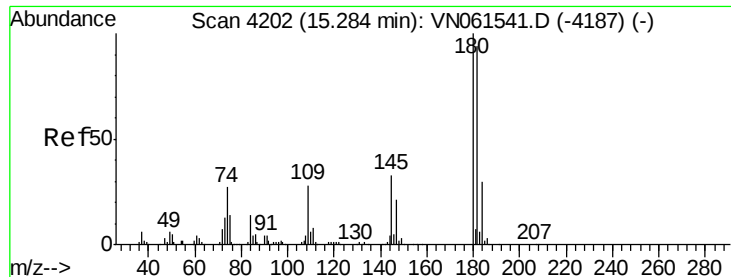


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

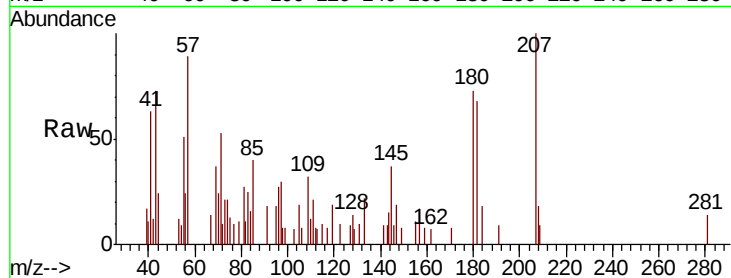




#96
 1,2,3-Trichlorobenzene
 Concen: 0.745 ug/l
 RT: 15.28 min Scan# 4202
 Delta R.T. -0.00 min
 Lab File: VN061651.D
 Acq: 4 Jun 2020 14:27

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 3173
 Ion Ratio Lower Upper
 180 100
 182 85.9 47.1 141.3
 145 35.2 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

