

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061469.D
 Acq On : 19 May 2020 8:53
 Operator : JC/MD
 Sample : L2671-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 19 11:43:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	318951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	568360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	547909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	245423	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	211112	44.35	ug/l	0.00
Spiked Amount			Recovery	=	88.70%	
35) Dibromofluoromethane	7.55	113	163279	54.84	ug/l	0.00
Spiked Amount			Recovery	=	109.68%	
50) Toluene-d8	10.06	98	700518	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.38	95	272279	52.77	ug/l	0.00
Spiked Amount			Recovery	=	105.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	1763	0.408	ug/l	98
4) Vinyl Chloride	2.16	62	4334	0.700	ug/l	96
5) Bromomethane	2.54	94	874	Below Cal		89
13) Acrolein	3.52	56	271	Below Cal	#	1
16) Acetone	3.78	43	9881	Below Cal		95
17) Carbon Disulfide	4.01	76	921	Below Cal	#	75
18) Methyl Acetate	4.31	43	269	Below Cal	#	49
19) Methyl tert-butyl Ether	4.99	73	8355	0.673	ug/l	# 1
25) 2-Butanone	6.79	43	800	0.369	ug/l	# 82
27) cis-1,2-Dichloroethene	6.78	96	34166	7.672	ug/l	86
30) Chloroform	7.34	83	1828	0.251	ug/l	91
31) Cyclohexane	7.62	56	13352	Below Cal	#	46
36) 1,1-Dichloropropene	7.63	75	25028	4.709	ug/l	# 50
38) Carbon Tetrachloride	7.63	117	32095	6.559	ug/l	# 15
39) Methylcyclohexane	9.05	83	6064	0.934	ug/l	# 93
40) Benzene	8.00	78	57928	3.617	ug/l	99
43) Isopropyl Acetate	8.11	43	1927	0.229	ug/l	# 52
44) Trichloroethene	8.80	130	5431	1.294	ug/l	92
52) Toluene	10.13	92	65941	6.413	ug/l	97
55) 1,1,2-Trichloroethane	10.50	97	898	0.231	ug/l	# 15
67) Ethyl Benzene	11.48	91	87804	4.305	ug/l	99
68) m/p-Xylenes	11.59	106	102390	13.226	ug/l	99
69) o-Xylene	11.92	106	20778	2.774	ug/l	99
71) Bromoform	12.38	173	1663	2.533	ug/l	# 1
73) Isopropylbenzene	12.22	105	4657	0.236	ug/l	95
76) 1,2,3-Trichloropropane	12.37	75	137065	26.028	ug/l	# 100
78) n-propylbenzene	12.57	91	24054	1.072	ug/l	99
79) 2-Chlorotoluene	12.66	91	3477	0.262	ug/l	# 47
80) 1,3,5-Trimethylbenzene	12.71	105	22205	1.376	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.37	75	137065	69.045	ug/l	# 12
83) tert-Butylbenzene	13.02	119	10484	0.759	ug/l	# 60
84) 1,2,4-Trimethylbenzene	13.01	105	87967	5.449	ug/l	99
90) Hexachloroethane	13.86	117	1883	0.837	ug/l	# 17
95) Naphthalene	15.10	128	118396	9.150	ug/l	99

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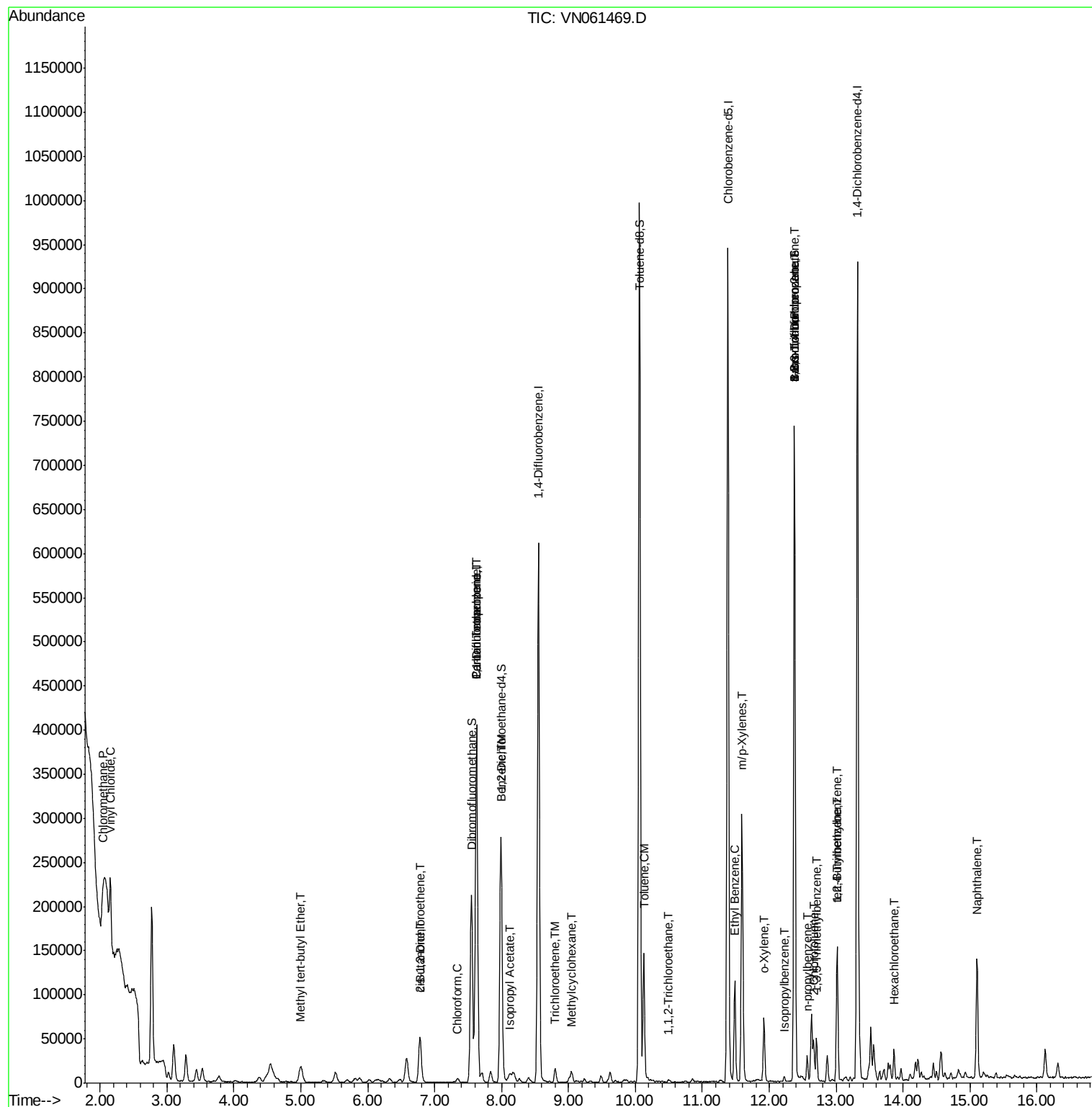
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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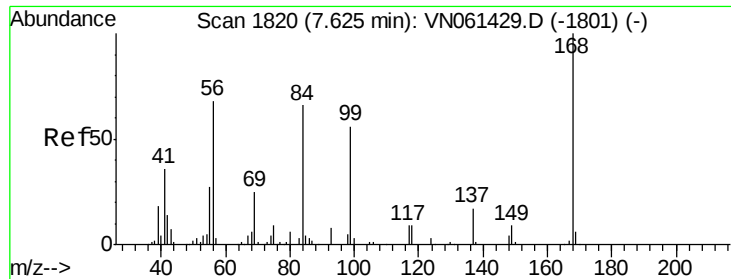
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061469.D

Acq: 19 May 2020 8:53

Instrument :

MSVOA_N

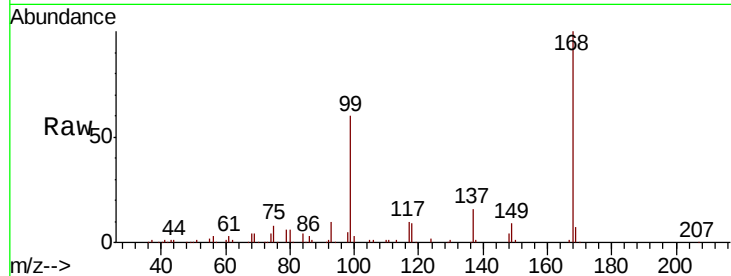
ClientSampleId :

Tot Ion:168 Resp: 318951

Ion Ratio Lower Upper

168 100

99 60.3 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): VN061469.D

Ion 98.90 (98.60 to 99.60): VN061469.D

7.63

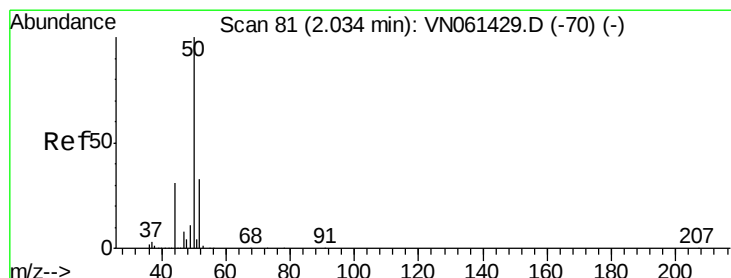
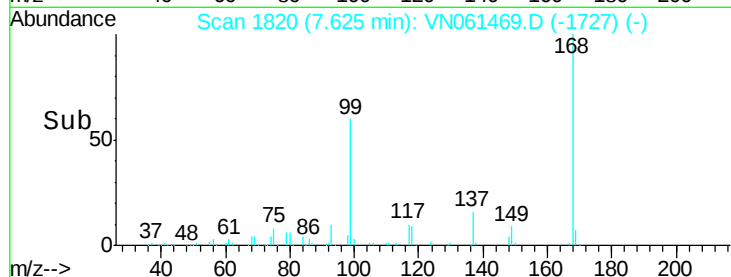
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.408 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061469.D

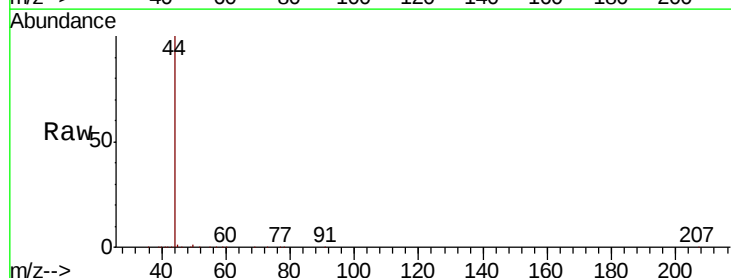
Acq: 19 May 2020 8:53

Tgt Ion: 50 Resp: 1763

Ion Ratio Lower Upper

50 100

52 34.5 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN061469.D

Ion 51.90 (51.60 to 52.60): VN061469.D

2.03

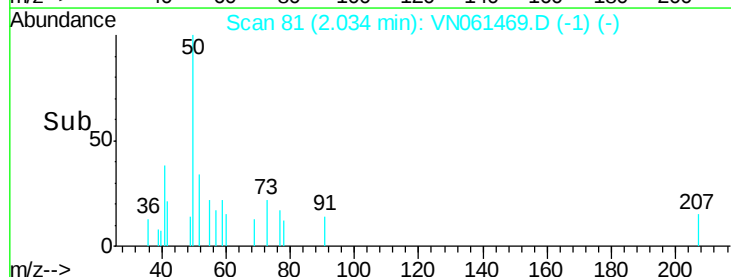
1500

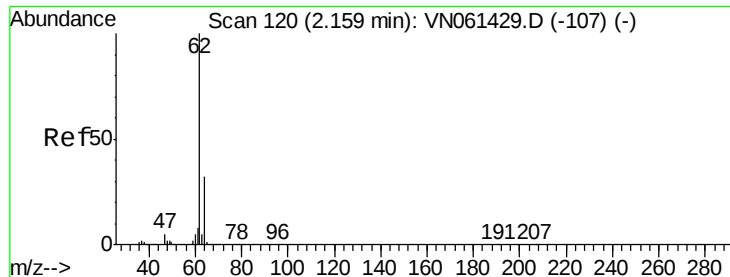
1000

500

0

Time--> 2.00 2.05





#4

Vinyl Chloride

Concen: 0.700 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061469.D

Acq: 19 May 2020 8:53

Instrument :

MSVOA_N

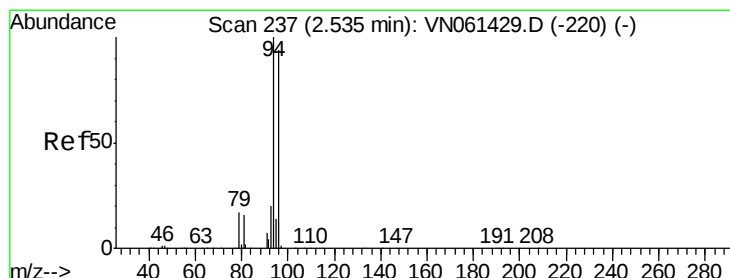
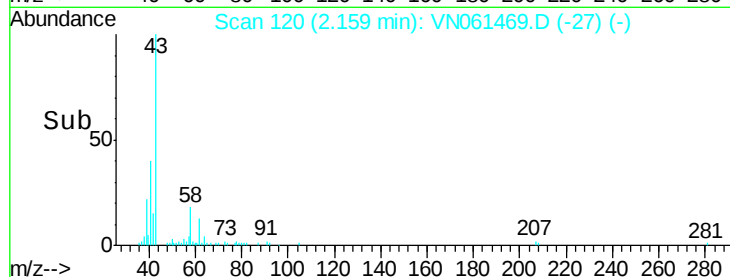
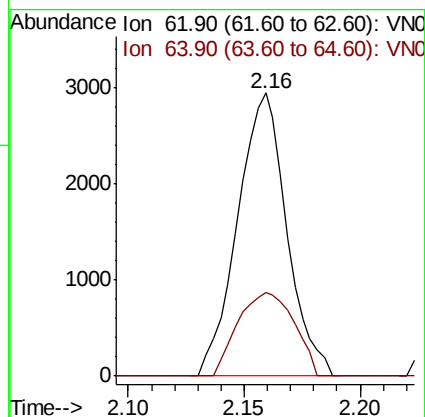
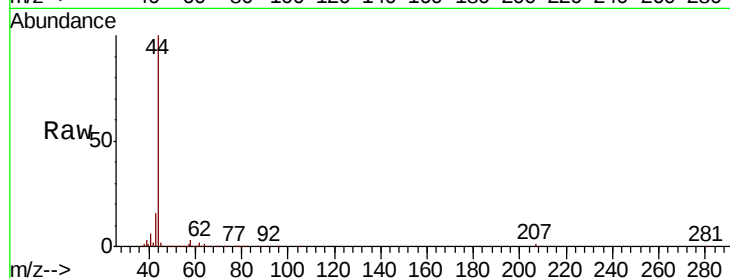
ClientSampleId :

Tot Ion: 62 Resp: 4334

Ion Ratio Lower Upper

62 100

64 29.4 25.3 37.9



#5

Bromomethane

Concen: Below Cal

RT: 2.54 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN061469.D

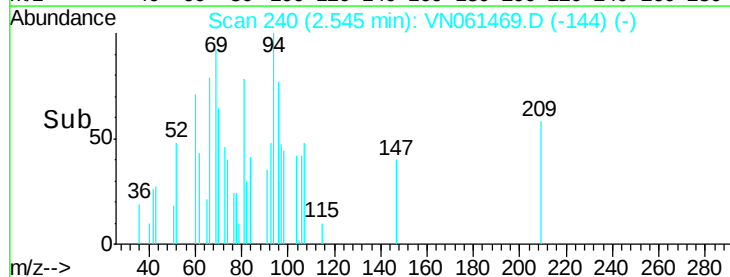
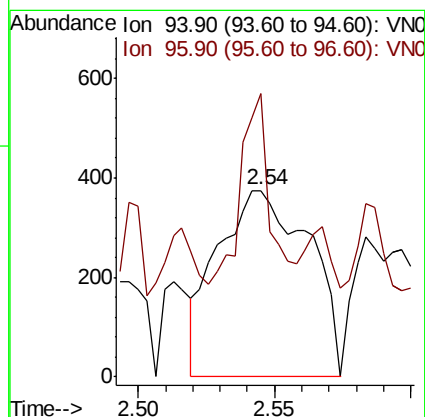
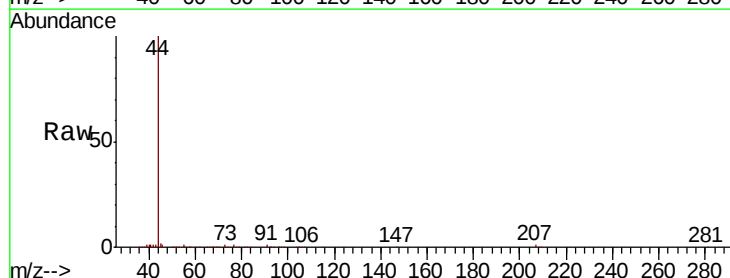
Acq: 19 May 2020 8:53

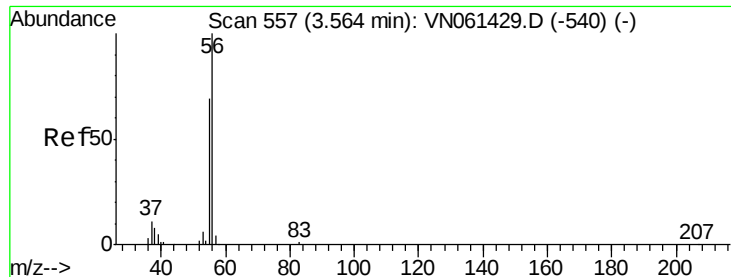
Tgt Ion: 94 Resp: 874

Ion Ratio Lower Upper

94 100

96 104.3 74.9 112.3





#13

Acrolein

Concen: Below Cal

RT: 3.52 min Scan# 542

Delta R.T. -0.05 min

Lab File: VN061469.D

Acq: 19 May 2020 8:53

Instrument :

MSVOA_N

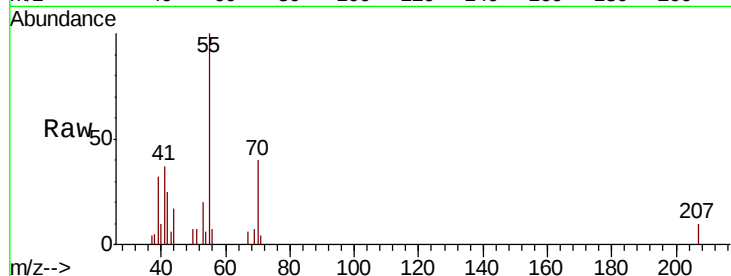
ClientSampled :

Tot Ion: 56 Resp: 271

Ion Ratio Lower Upper

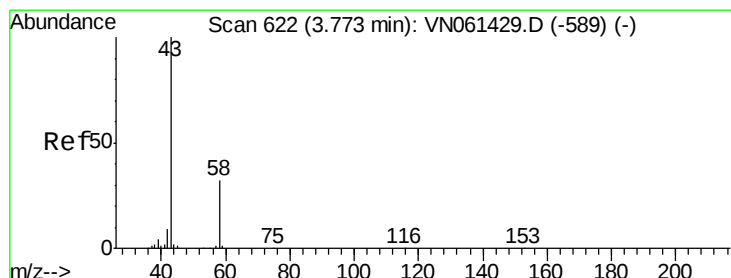
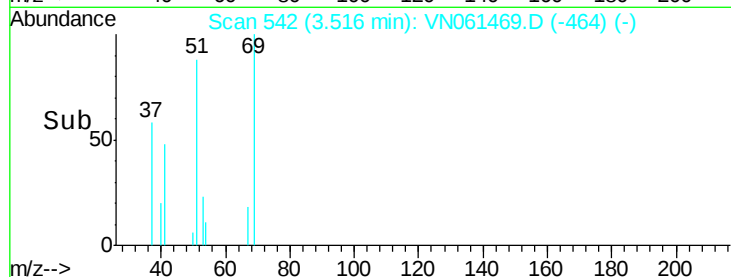
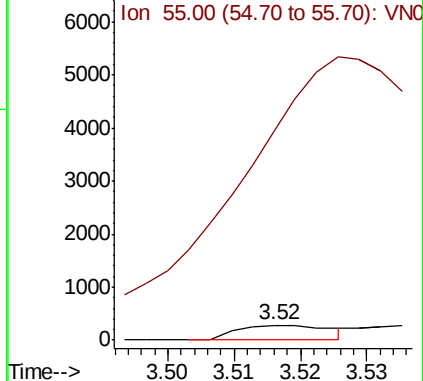
56 100

55 4953.1 54.8 82.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061469.D

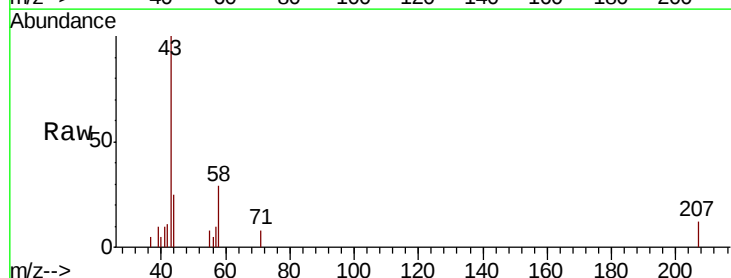
Acq: 19 May 2020 8:53

Tgt Ion: 43 Resp: 9881

Ion Ratio Lower Upper

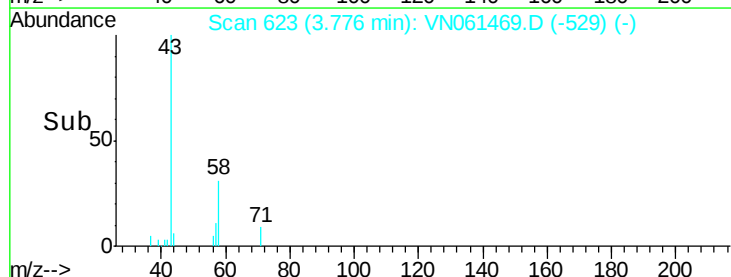
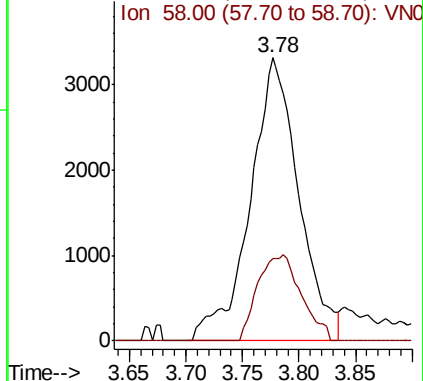
43 100

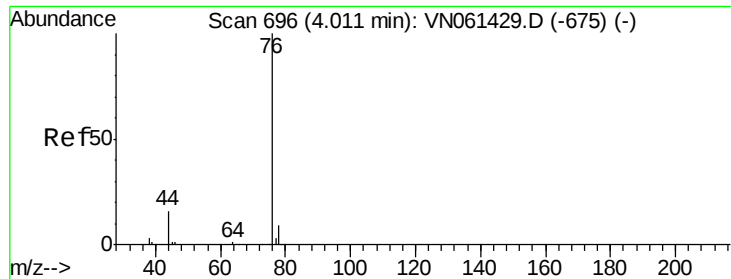
58 29.2 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

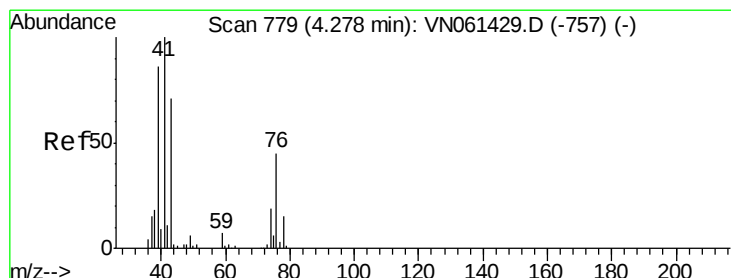
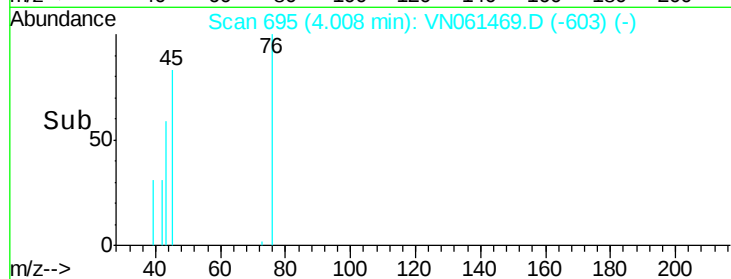
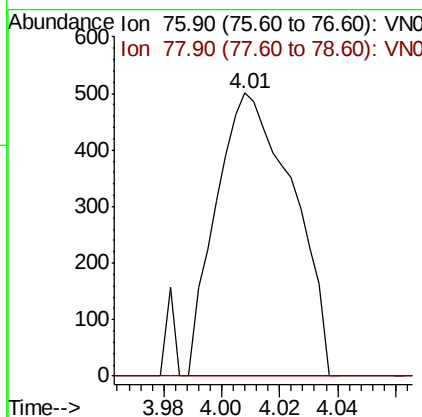
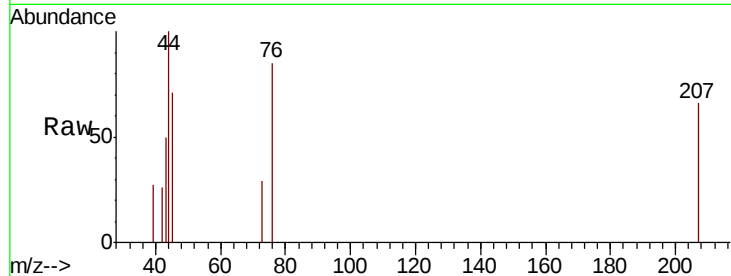




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN061469.D
Acq: 19 May 2020 8:53

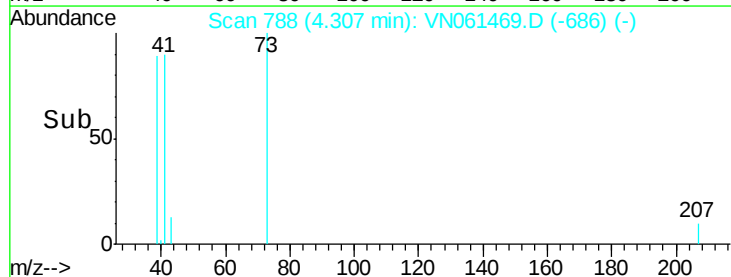
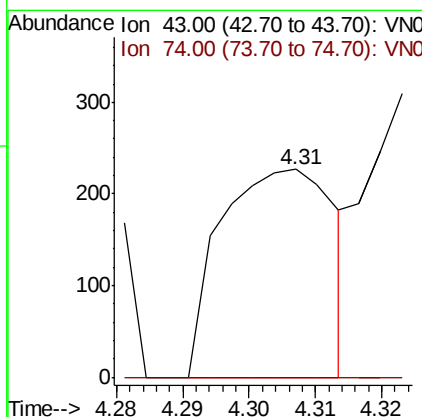
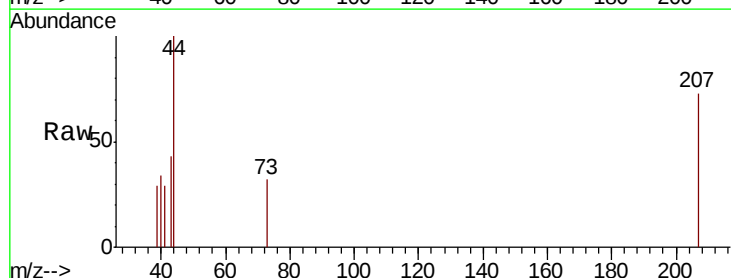
Instrument :
MSVOA_N
ClientSampleId :

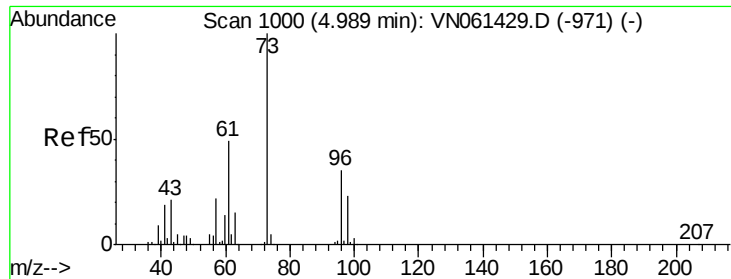
Tot Ion: 76 Resp: 921
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.31 min Scan# 788
Delta R.T. 0.03 min
Lab File: VN061469.D
Acq: 19 May 2020 8:53

Tgt Ion: 43 Resp: 269
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#

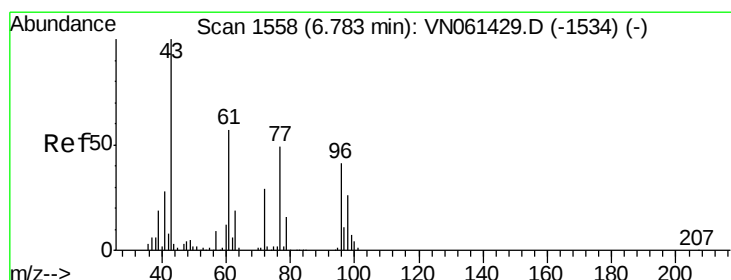
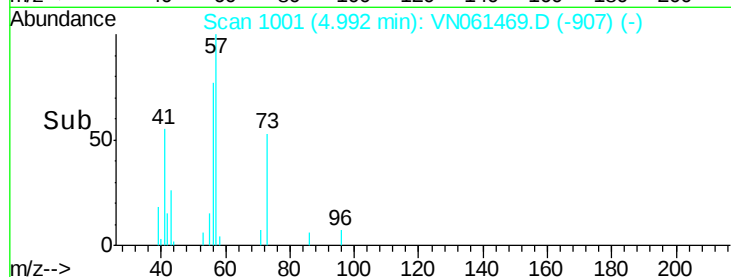
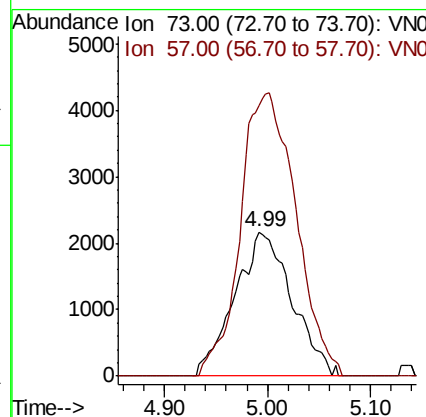
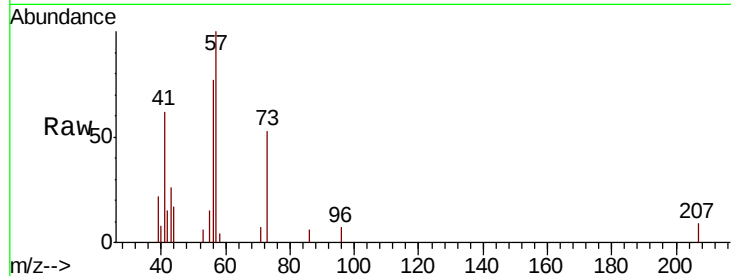




#19
Methvl tert-butvl Ether
Concen: 0.673 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN061469.D
Acq: 19 May 2020 8:53

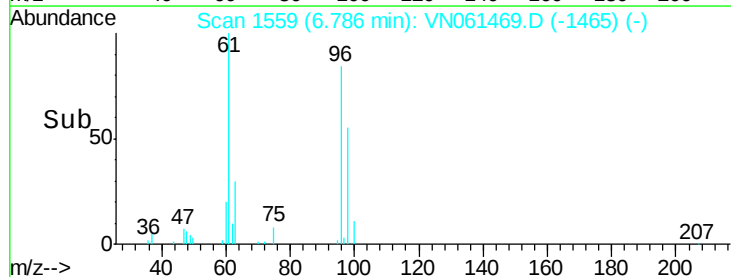
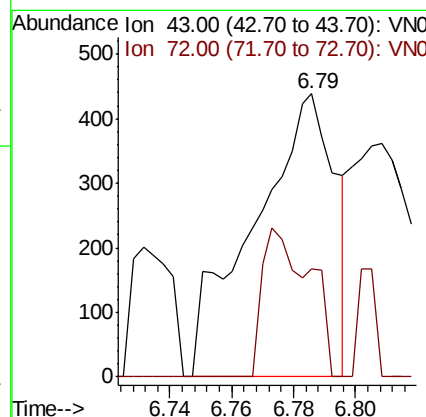
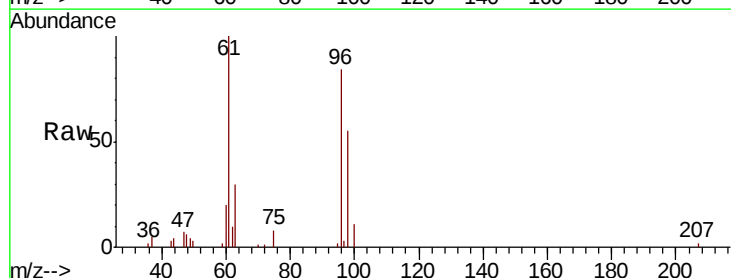
Instrument :
MSVOA_N
ClientSampled :

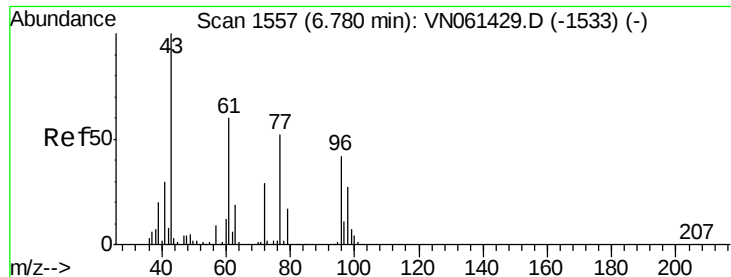
Tot Ion: 73 Resp: 8355
Ion Ratio Lower Upper
73 100
57 187.5 17.4 26.0#



#25
2-Butanone
Concen: 0.369 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN061469.D
Acq: 19 May 2020 8:53

Tgt Ion: 43 Resp: 800
Ion Ratio Lower Upper
43 100
72 38.4 23.0 34.6#

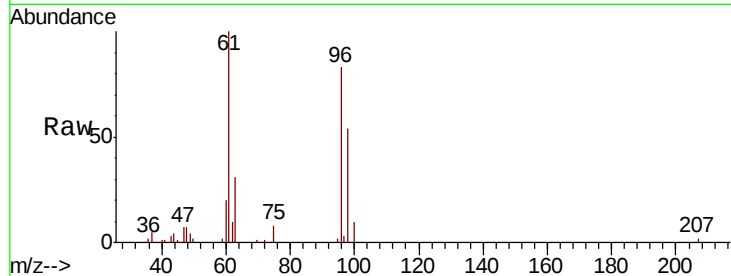




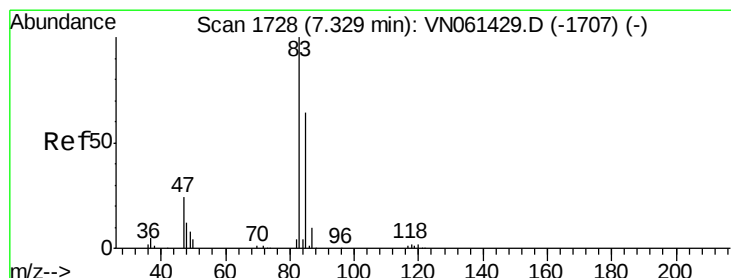
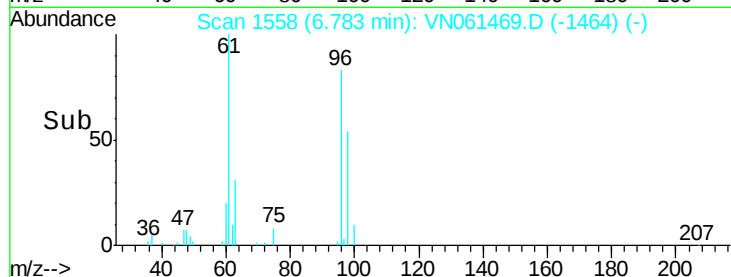
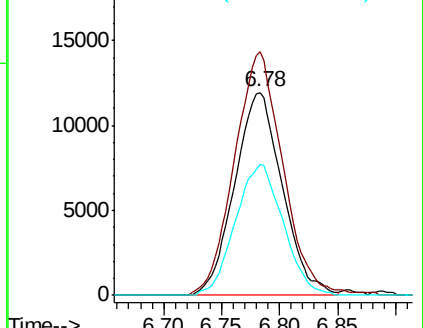
#27
 cis-1,2-Dichloroethene
 Concen: 7.672 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VN061469.D
 Acq: 19 May 2020 8:53

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	96	Resp	34166
Ion	Ratio	Lower	Upper
96	100		
61	121.8	0.0	294.2
98	64.4	0.0	128.2

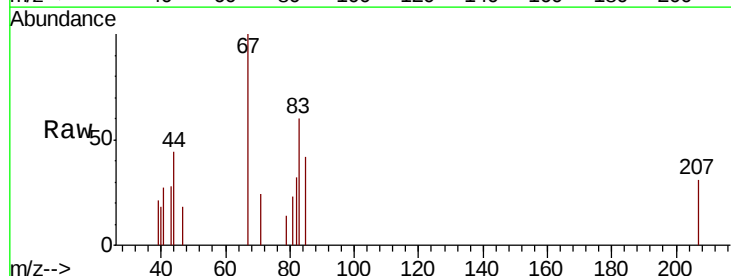


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

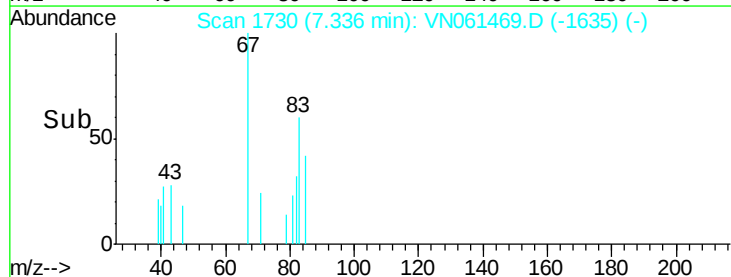
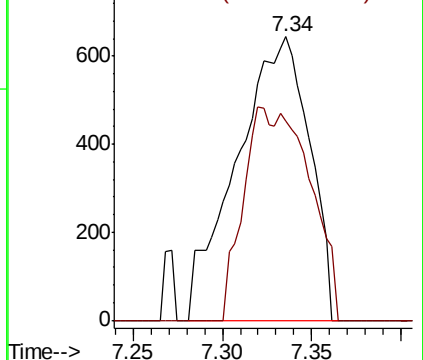


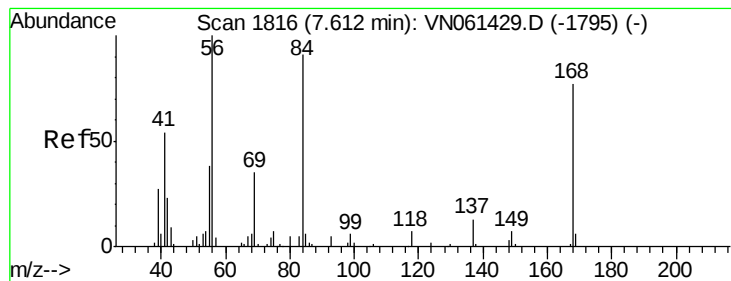
#30
 Chloroform
 Concen: 0.251 ug/l
 RT: 7.34 min Scan# 1730
 Delta R.T. 0.01 min
 Lab File: VN061469.D
 Acq: 19 May 2020 8:53

Tgt Ion	83	Resp	1828
Ion	Ratio	Lower	Upper
83	100		
85	70.5	51.0	76.4



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





#31

Cyclohexane

Concen: Below Cal

RT: 7.62 min Scan# 1818

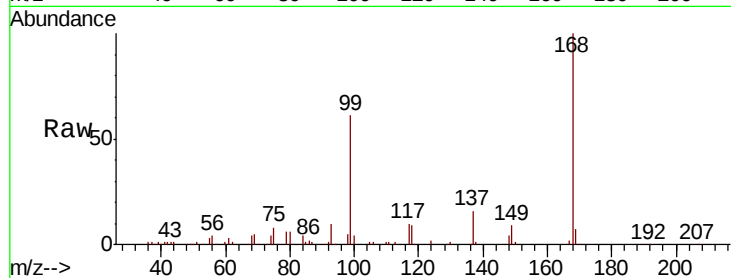
Delta R.T. 0.01 min

Lab File: VN061469.D

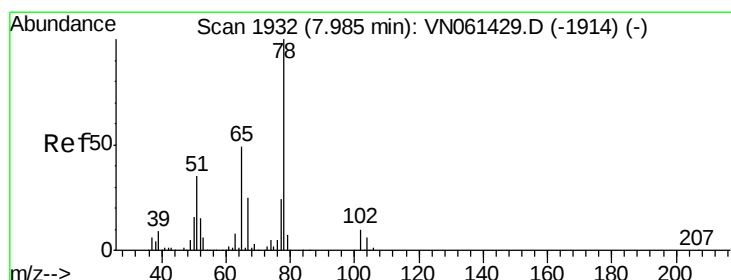
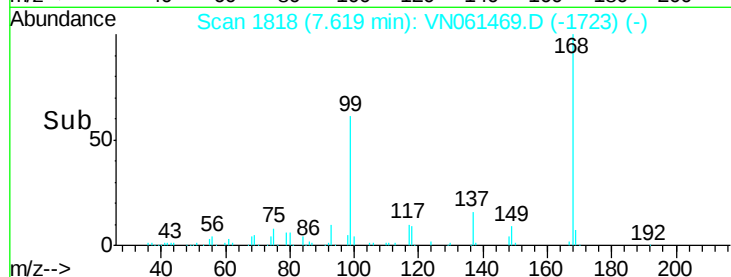
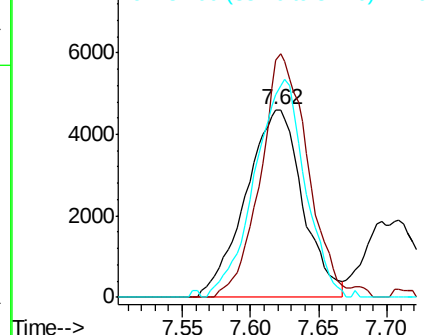
Acq: 19 May 2020 8:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	56	Resp:	13352
Ion	Ratio	Lower	Upper
56	100		
69	126.4	27.8	41.6#
84	104.6	72.7	109.1



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



#33

1,2-Dichloroethane-d4

Concen: 44.349 ug/l

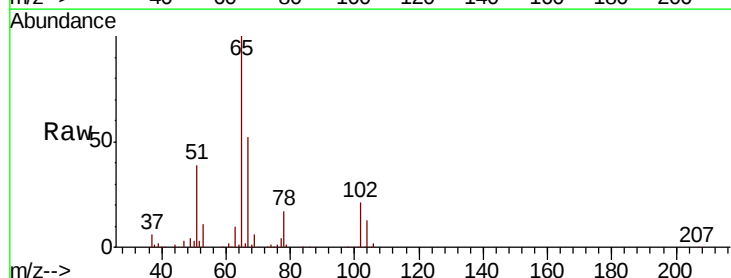
RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

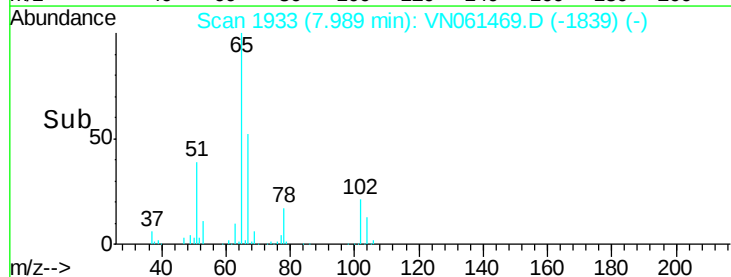
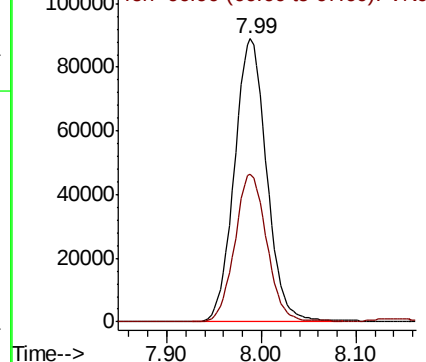
Lab File: VN061469.D

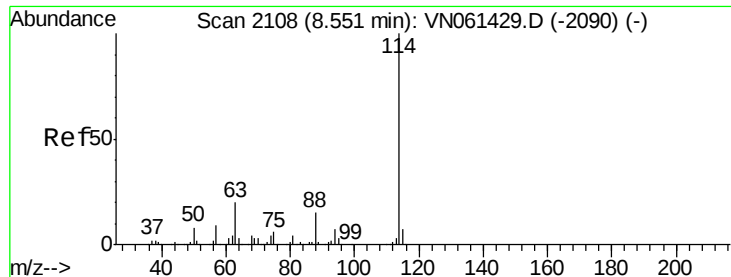
Acq: 19 May 2020 8:53

Tgt Ion:	65	Resp:	211112
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

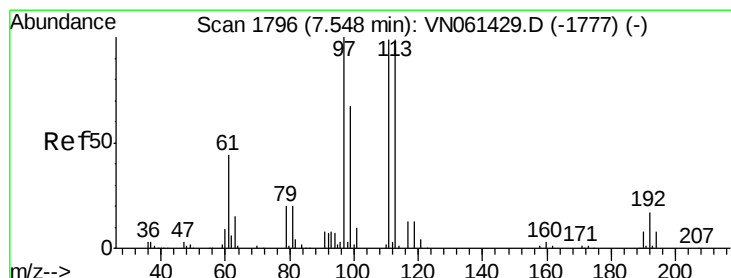
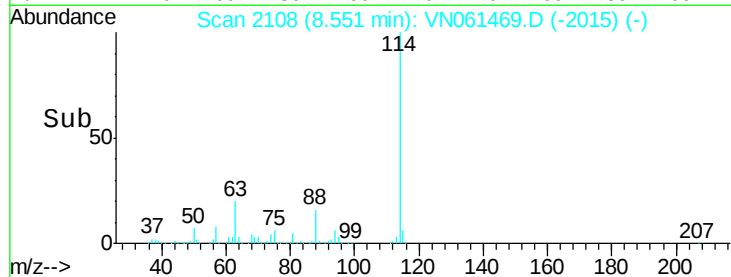
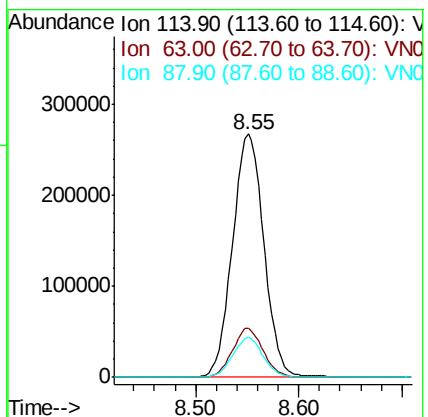
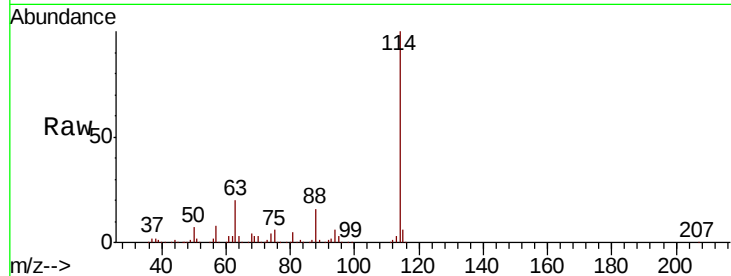




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061469.D
 Acq: 19 May 2020 8:53

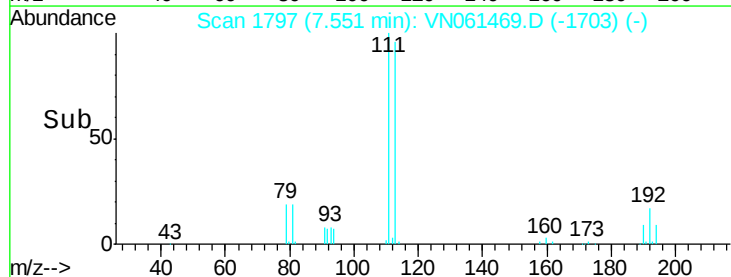
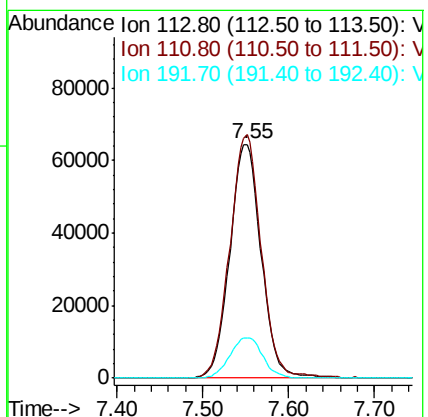
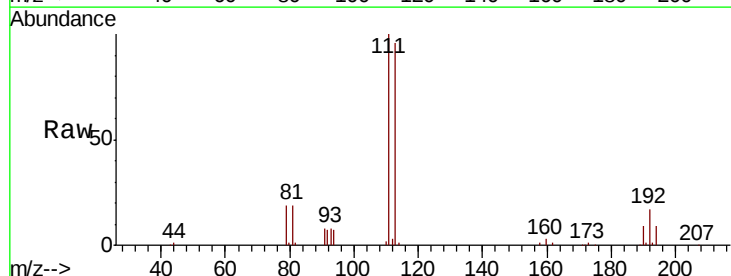
Instrument :
 MSVOA_N
 ClientSampleId :

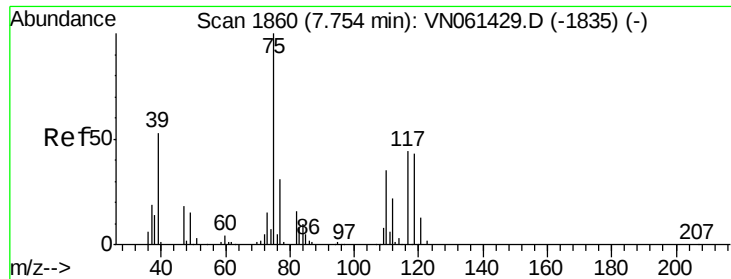
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.8
88	16.3	0.0	30.8



#35
 Dibromofluoromethane
 Concen: 54.838 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061469.D
 Acq: 19 May 2020 8:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	80.6	121.0
192	18.1	13.2	19.8

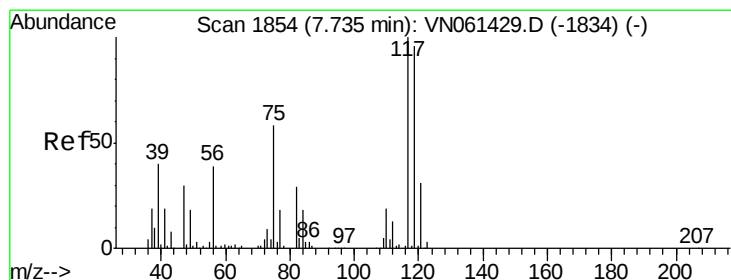
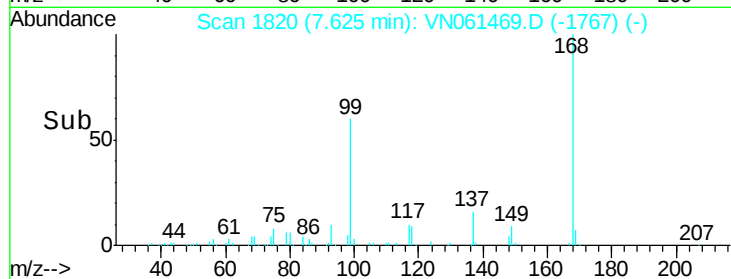
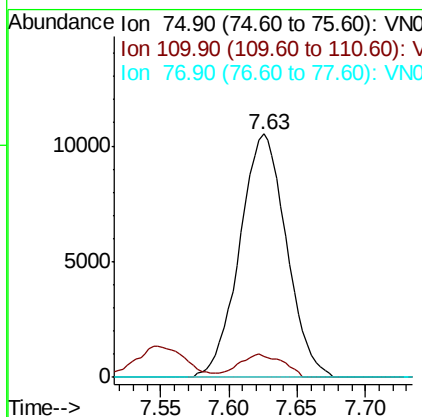
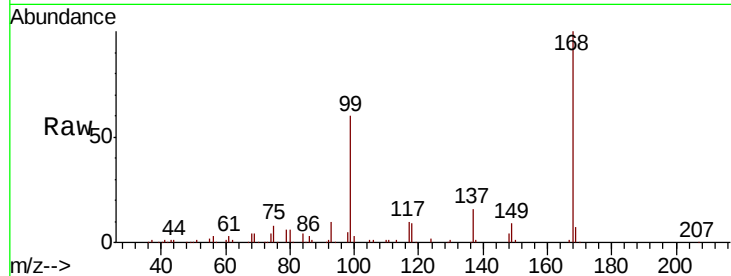




#36
 1,1-Dichloropropene
 Concen: 4.709 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061469.D
 Acq: 19 May 2020 8:53

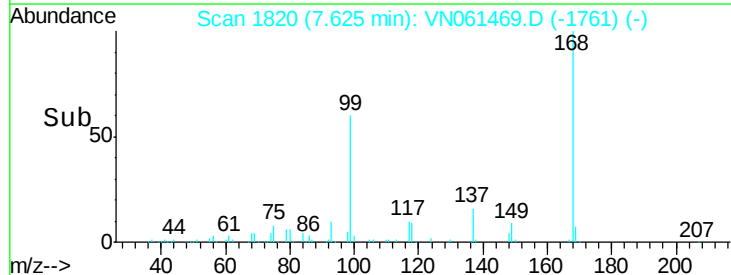
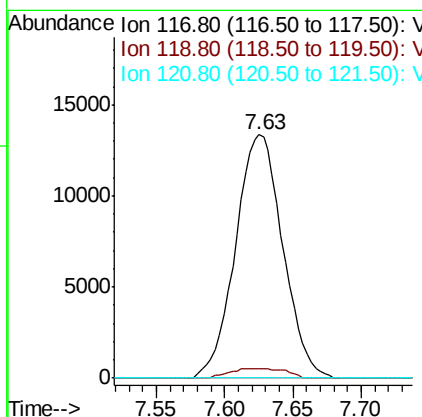
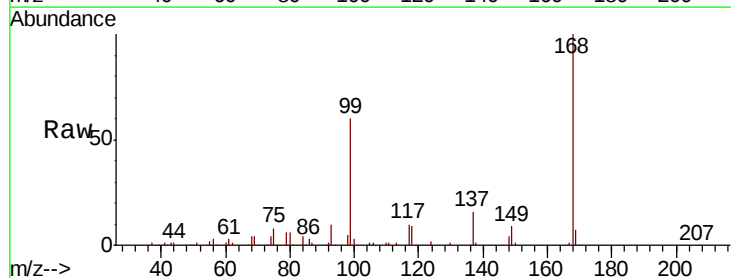
Instrument :
 MSVOA_N
 ClientSampled :

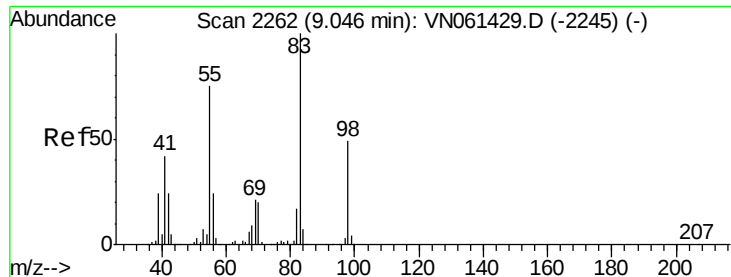
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.3	51.9#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.559 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN061469.D
 Acq: 19 May 2020 8:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.8	77.0	115.6#
121	0.0	24.7	37.1#

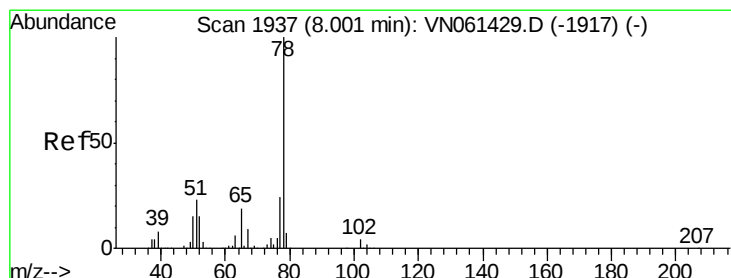
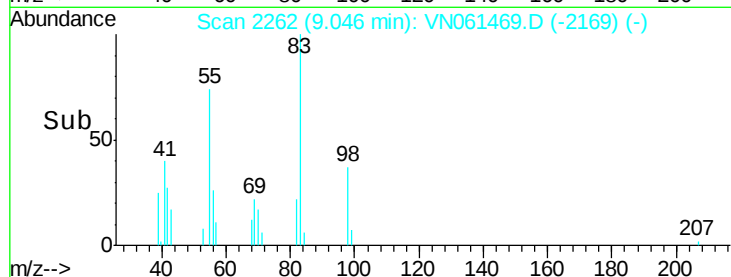
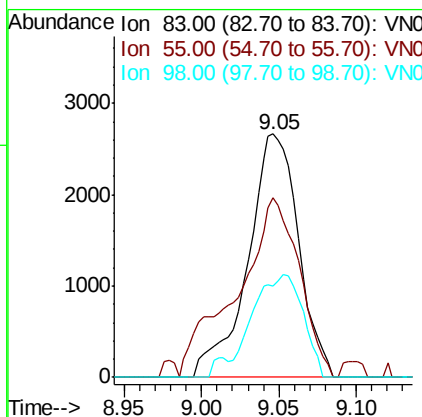
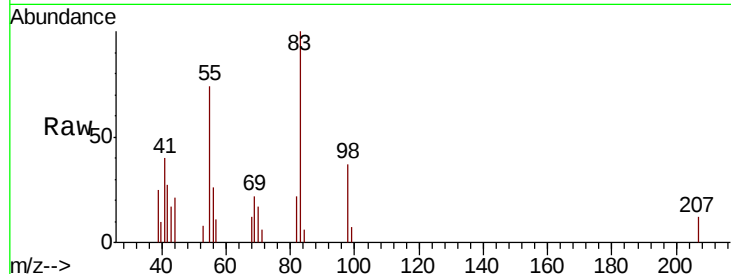




#39
Methvlcvclohexane
Concen: 0.934 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061469.D
Acq: 19 May 2020 8:53

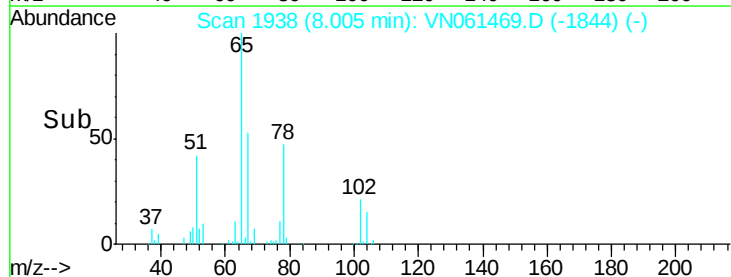
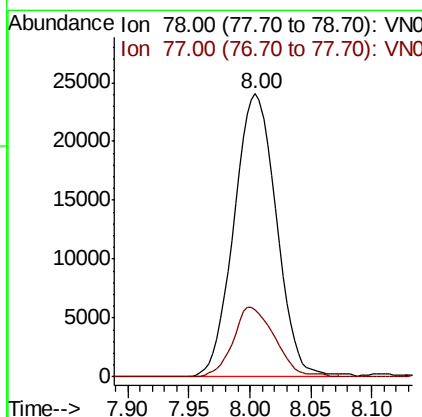
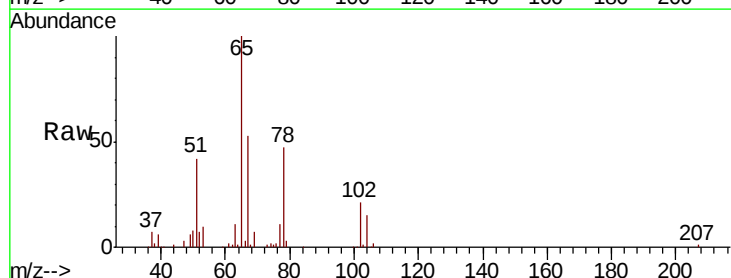
Instrument :
MSVOA_N
ClientSampled :

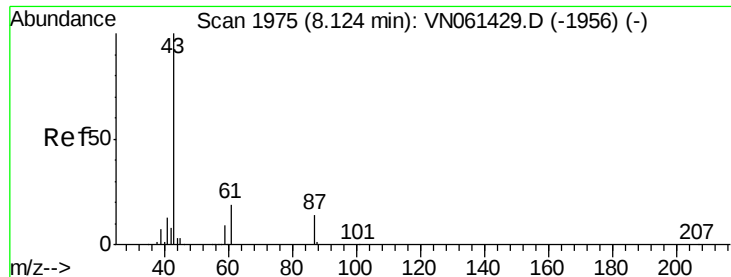
Tot Ion: 83 Resp: 6064
Ion Ratio Lower Upper
83 100
55 73.7 59.7 89.5
98 37.3 38.9 58.3#



#40
Benzene
Concen: 3.617 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN061469.D
Acq: 19 May 2020 8:53

Tgt Ion: 78 Resp: 57928
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7





#43

Isopropyl Acetate

Concen: 0.229 ug/l

RT: 8.11 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VN061469.D

Acq: 19 May 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

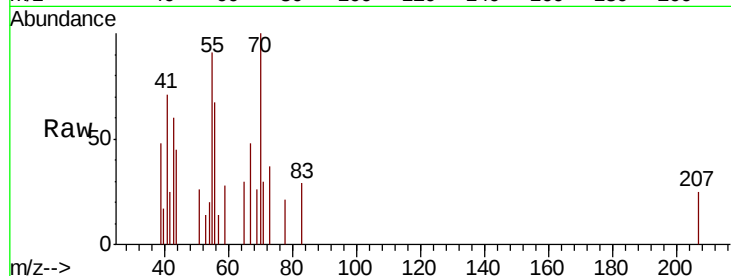
Tot Ion: 43 Resp: 1927

Ion Ratio Lower Upper

43 100

61 0.0 23.0 34.4#

87 0.0 11.6 17.4#

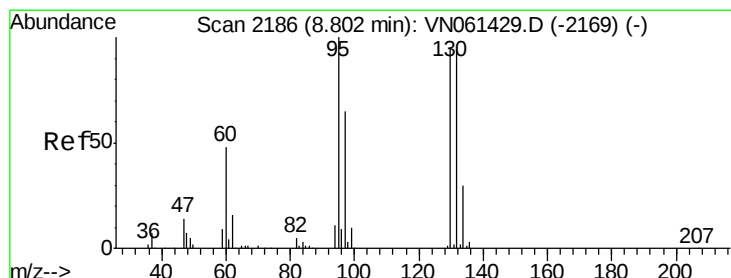
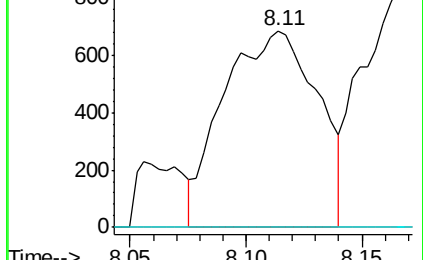
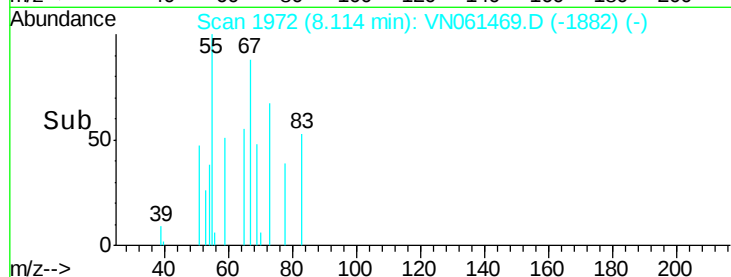


Abundance Ion 43.00 (42.70 to 43.70): VN061429.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061429.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061429.D (-1956) (-)

Time-->



#44

Trichloroethene

Concen: 1.294 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061469.D

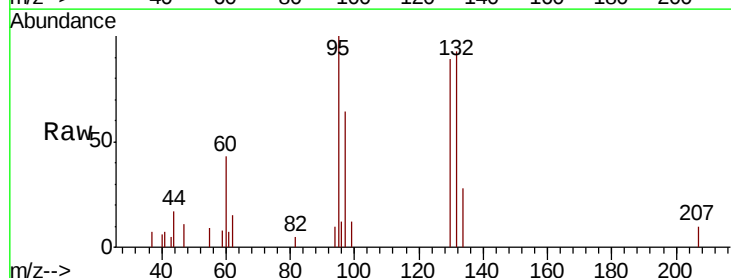
Acq: 19 May 2020 8:53

Tgt Ion: 130 Resp: 5431

Ion Ratio Lower Upper

130 100

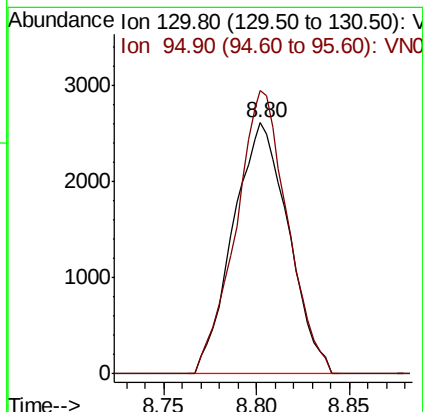
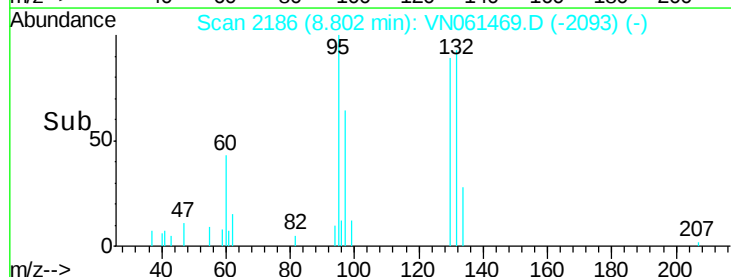
95 112.8 0.0 209.8

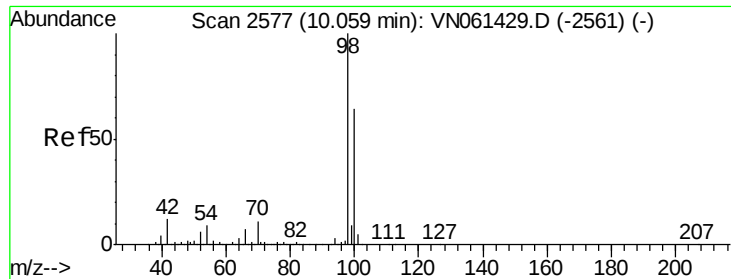


Abundance Ion 129.80 (129.50 to 130.50): VN061429.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN061429.D (-2169) (-)

Time-->





#50

Toluene-d8

Concen: 50.724 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061469.D

Acq: 19 May 2020 8:53

Instrument :

MSVOA_N

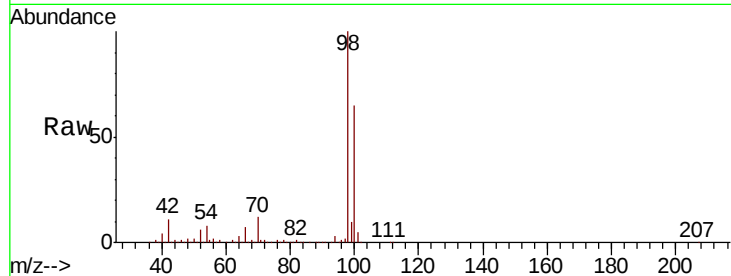
ClientSampled :

Tot Ion: 98 Resp: 700518

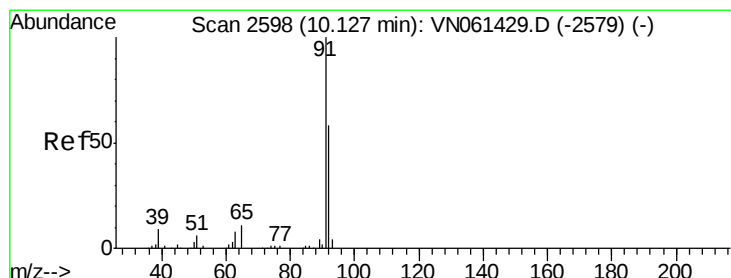
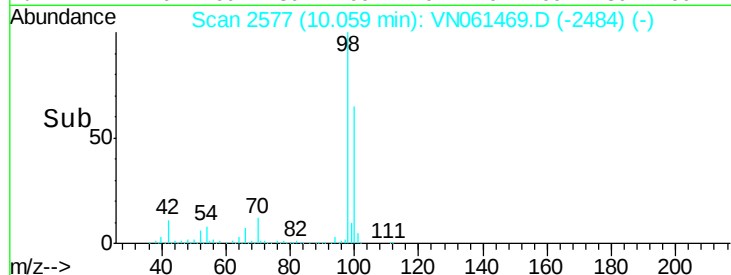
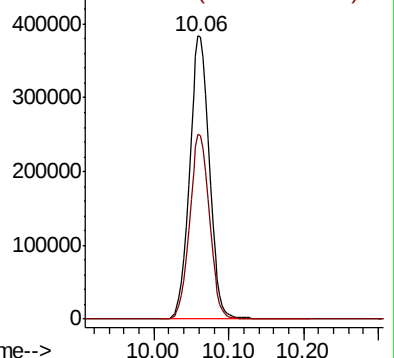
Ion Ratio Lower Upper

98 100

100 65.5 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN061429.D (-2561) (-)



#52

Toluene

Concen: 6.413 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN061469.D

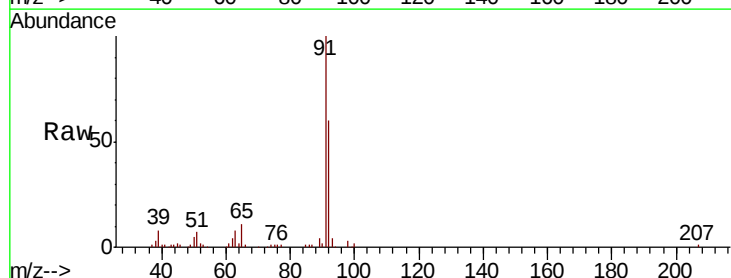
Acq: 19 May 2020 8:53

Tgt Ion: 92 Resp: 65941

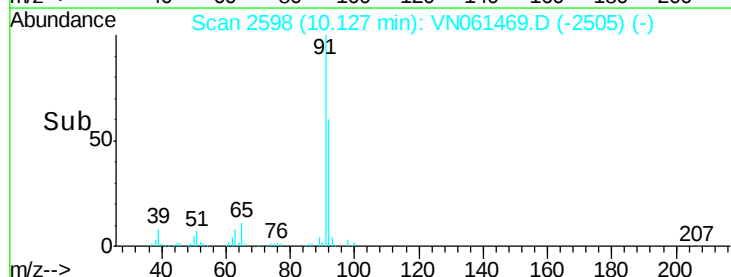
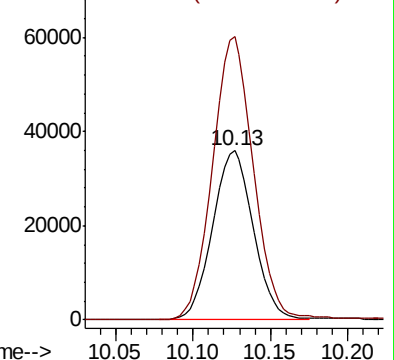
Ion Ratio Lower Upper

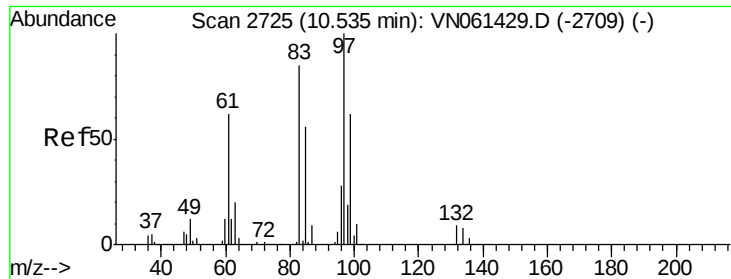
92 100

91 168.4 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VN061429.D (-2579) (-)





#55

1,1,2-Trichloroethane

Concen: 0.231 ug/l

RT: 10.50 min Scan# 2714

Delta R.T. -0.04 min

Lab File: VN061469.D

Acq: 19 May 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 898

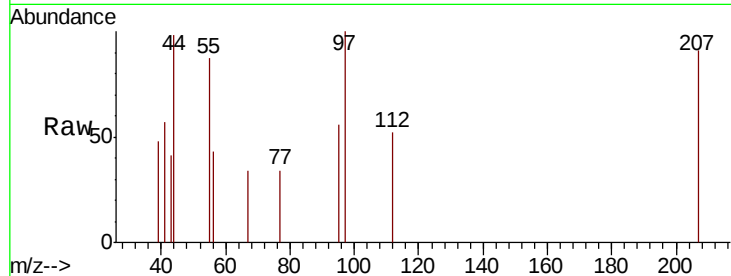
Ion Ratio Lower Upper

97 100

83 0.0 68.2 102.4#

85 0.0 44.6 67.0#

99 0.0 49.5 74.3#

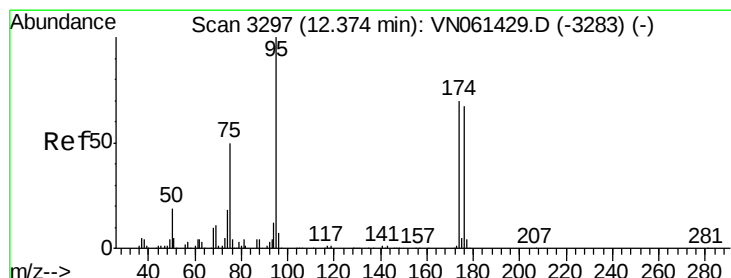
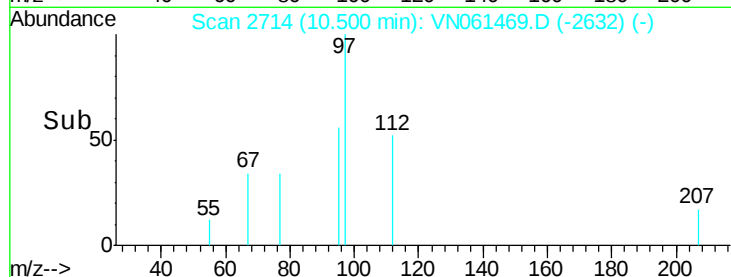
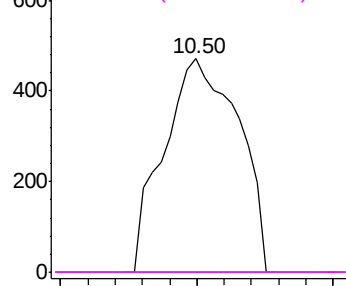


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#62

4-Bromofluorobenzene

Concen: 52.771 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061469.D

Acq: 19 May 2020 8:53

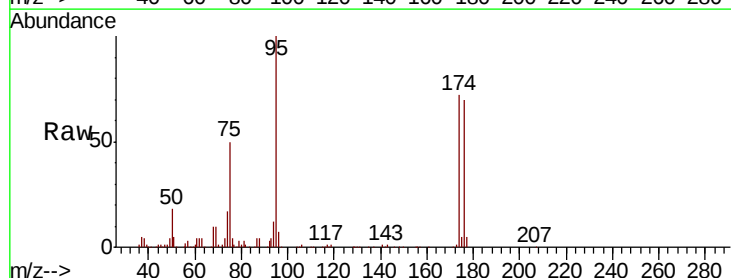
Tgt Ion: 95 Resp: 272279

Ion Ratio Lower Upper

95 100

174 71.7 0.0 141.2

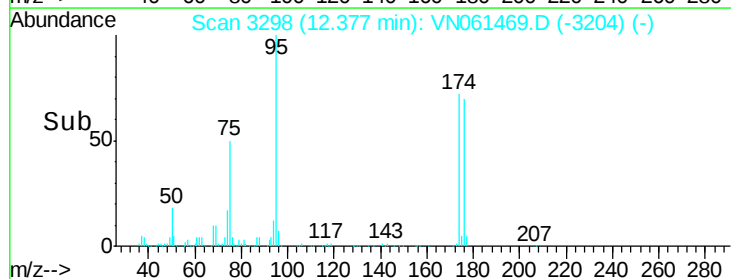
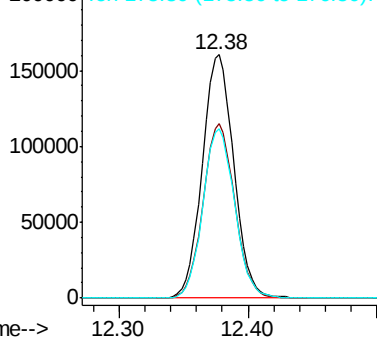
176 70.4 0.0 137.6

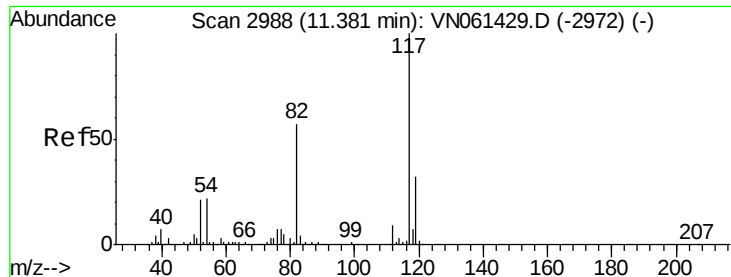


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

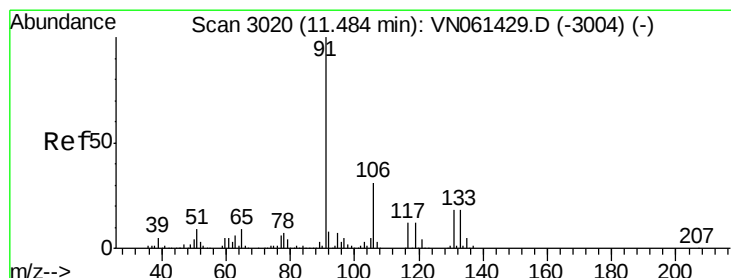
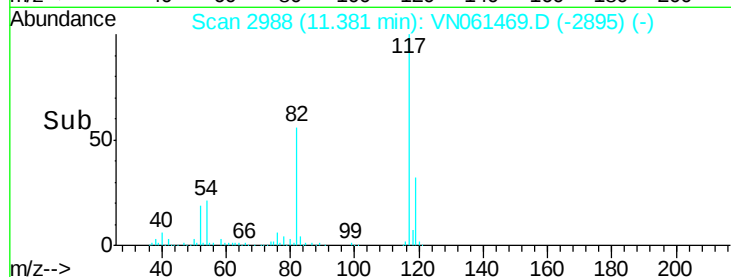
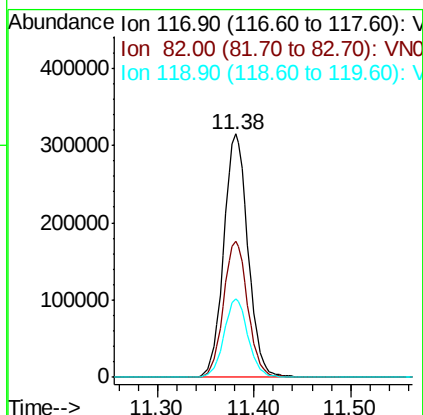
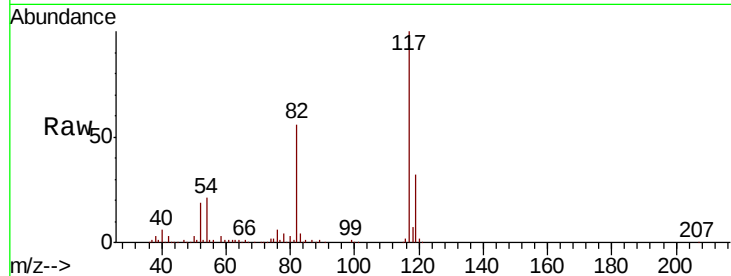




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061469.D
Acq: 19 May 2020 8:53

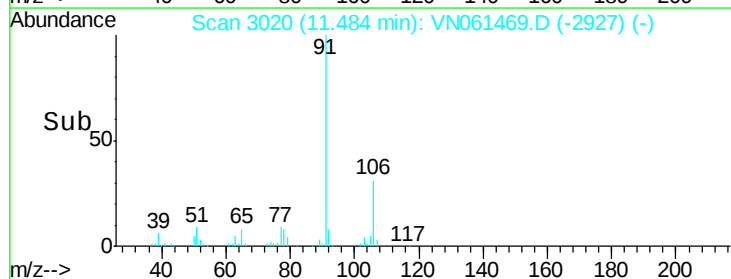
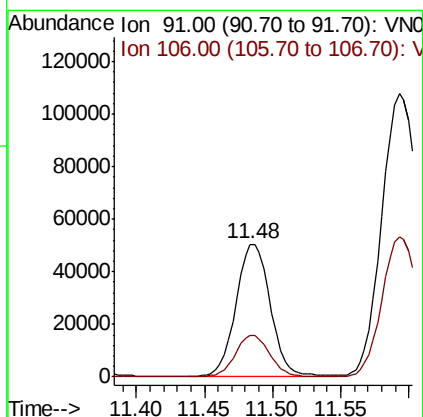
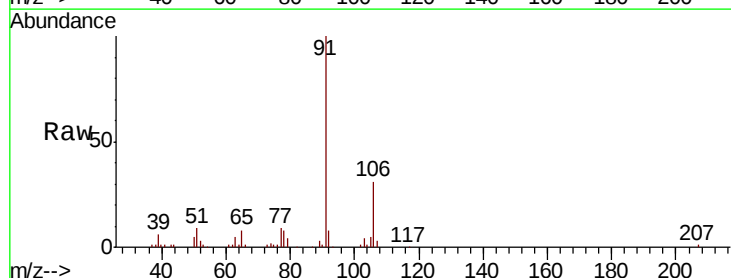
Instrument :
MSVOA_N
ClientSampleId :

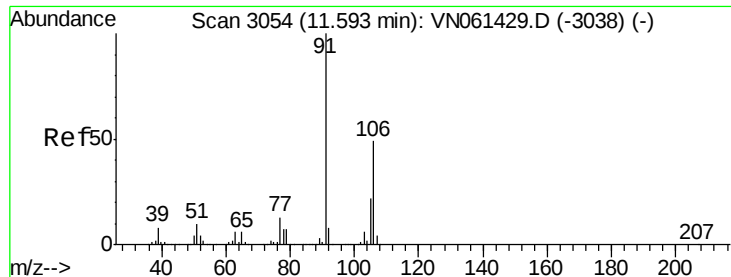
Tot Ion:117 Resp: 547909
Ion Ratio Lower Upper
117 100
82 55.8 45.2 67.8
119 32.2 25.3 37.9



#67
Ethyl Benzene
Concen: 4.305 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061469.D
Acq: 19 May 2020 8:53

Tgt Ion: 91 Resp: 87804
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8

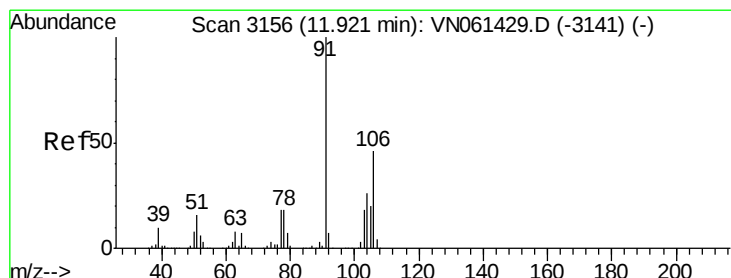
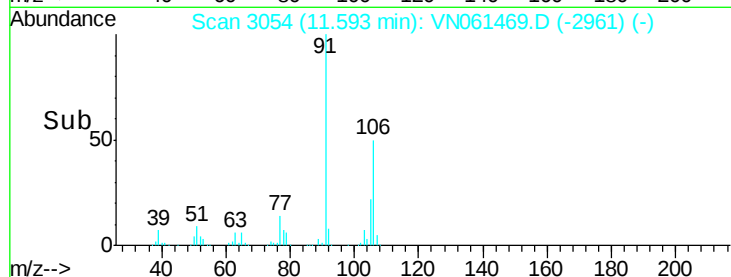
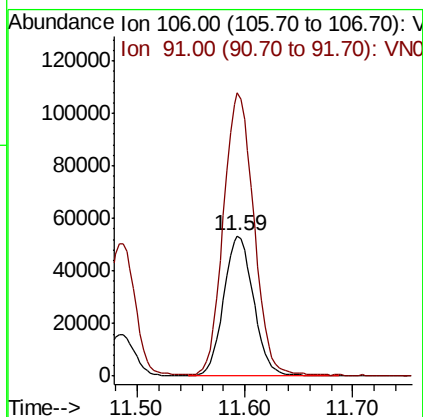
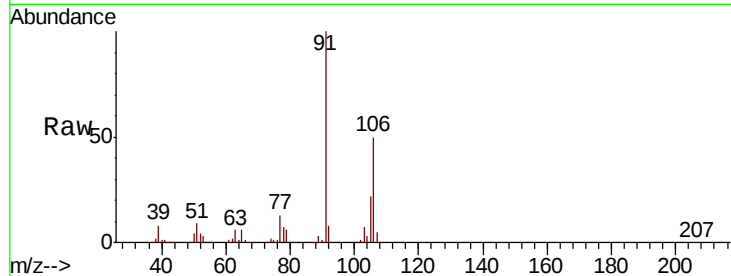




#68
m/p-Xylenes
Concen: 13.226 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061469.D
Acq: 19 May 2020 8:53

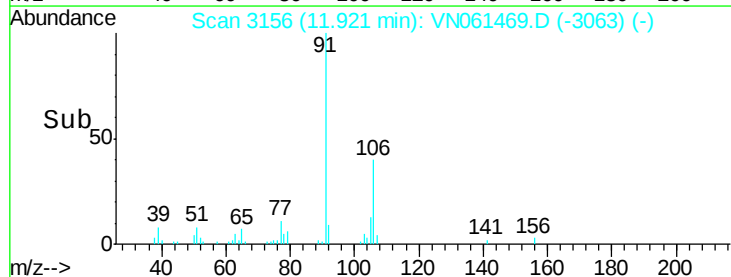
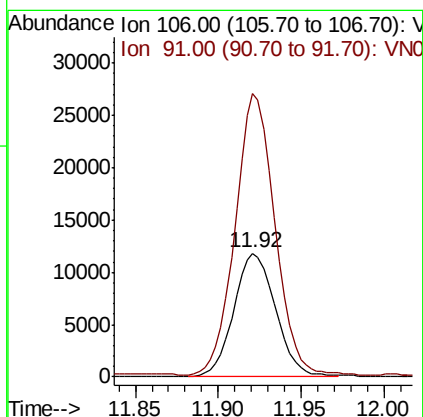
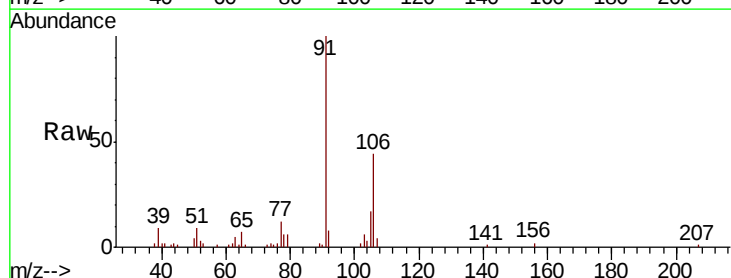
Instrument :
MSVOA_N
ClientSampled :

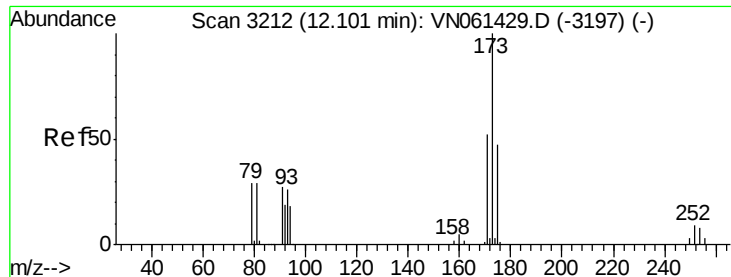
Tot Ion:106 Resp: 102390
Ion Ratio Lower Upper
106 100
91 205.1 163.0 244.6



#69
o-Xylene
Concen: 2.774 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061469.D
Acq: 19 May 2020 8:53

Tgt Ion:106 Resp: 20778
Ion Ratio Lower Upper
106 100
91 214.9 107.9 323.7





#71

Bromoform

Concen: 2.533 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN061469.D

Acq: 19 May 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

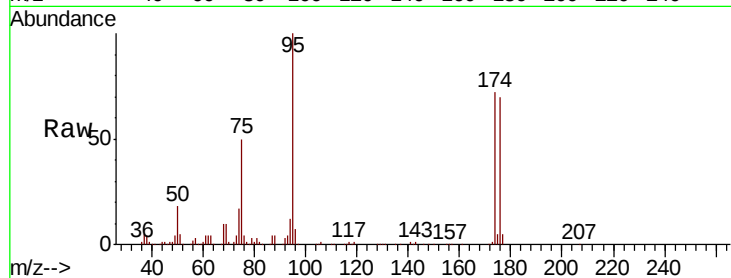
Tot Ion:173 Resp: 1663

Ion Ratio Lower Upper

173 100

175 735.2 23.9 71.8#

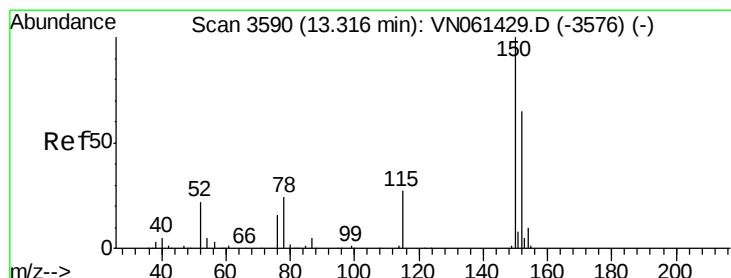
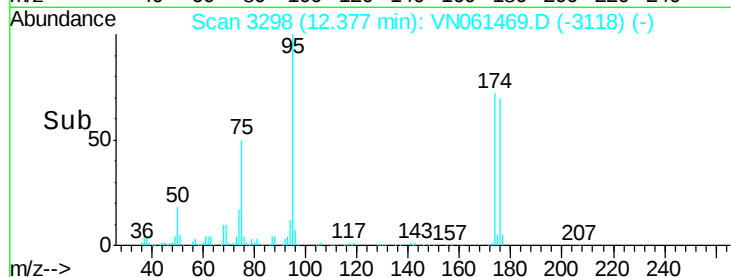
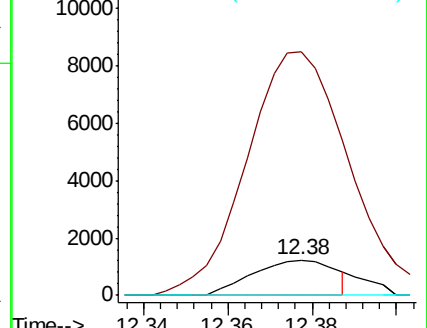
254 0.0 0.0 0.0



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: VN061469.D

Acq: 19 May 2020 8:53

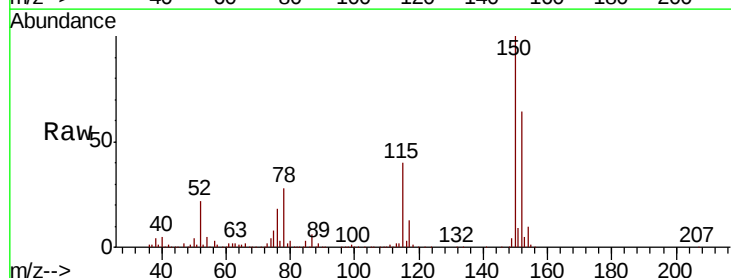
Tgt Ion:152 Resp: 245423

Ion Ratio Lower Upper

152 100

115 62.0 30.9 92.5

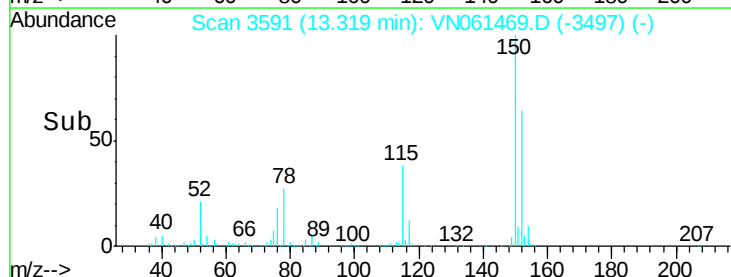
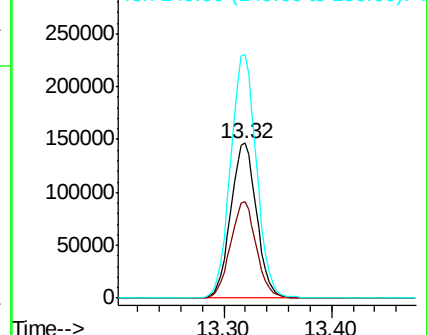
150 157.2 0.0 349.2

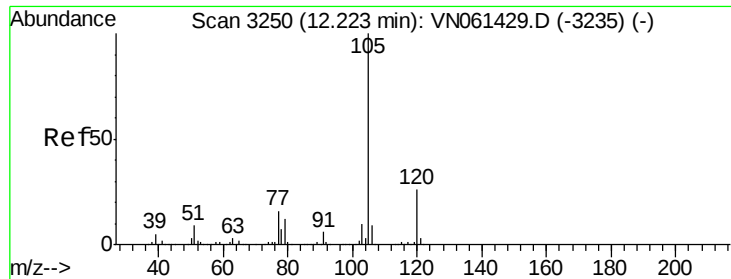


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.236 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061469.D

Acq: 19 May 2020 8:53

Instrument :

MSVOA_N

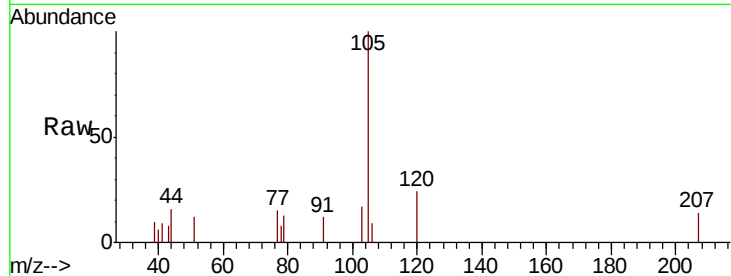
ClientSampleId :

Tot Ion:105 Resp: 4657

Ion Ratio Lower Upper

105 100

120 23.4 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

2500

2000

1500

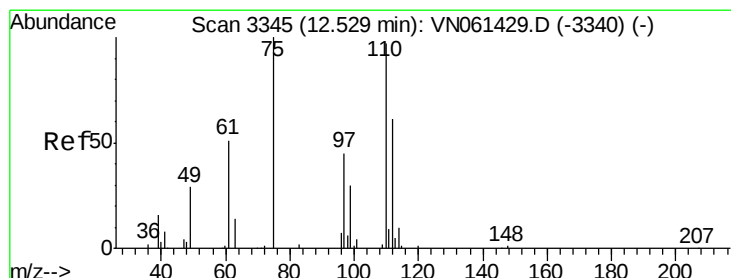
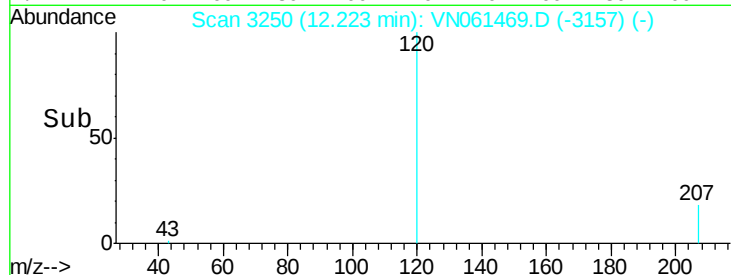
1000

500

0

Time-->

12.20 12.25



#76

1,2,3-Trichloropropane

Concen: 26.028 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN061469.D

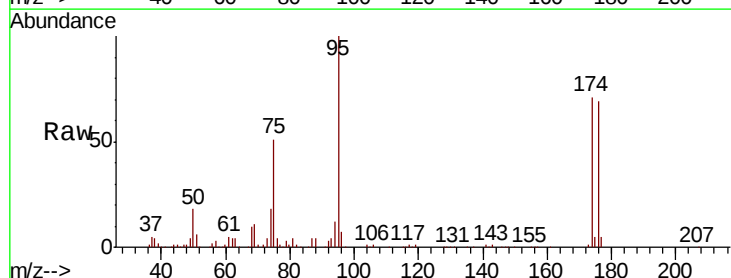
Acq: 19 May 2020 8:53

Tgt Ion: 75 Resp: 137065

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

12.37

80000

60000

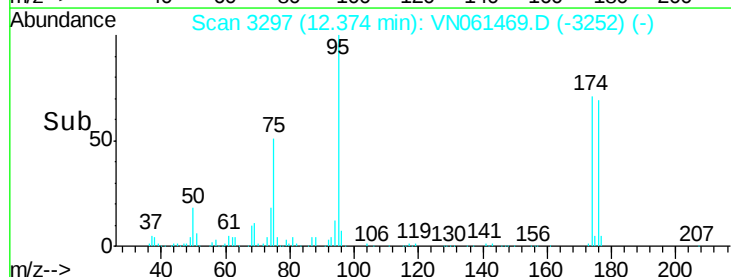
40000

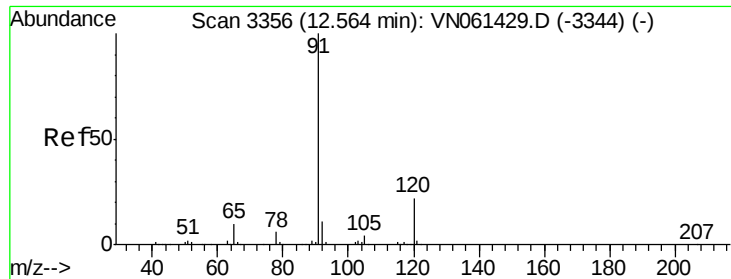
20000

0

Time-->

12.30 12.35 12.40 12.45





#78

n-propylbenzene

Concen: 1.072 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061469.D

Acq: 19 May 2020 8:53

Instrument :

MSVOA_N

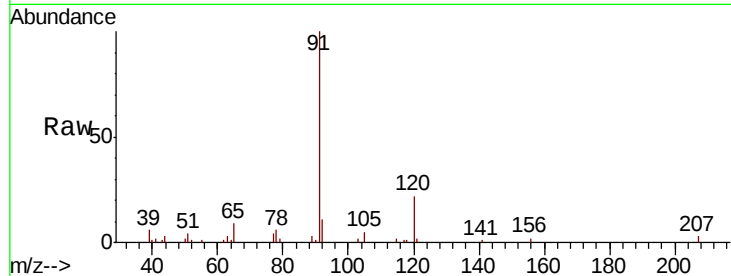
ClientSampled :

Tot Ion: 91 Resp: 24054

Ion Ratio Lower Upper

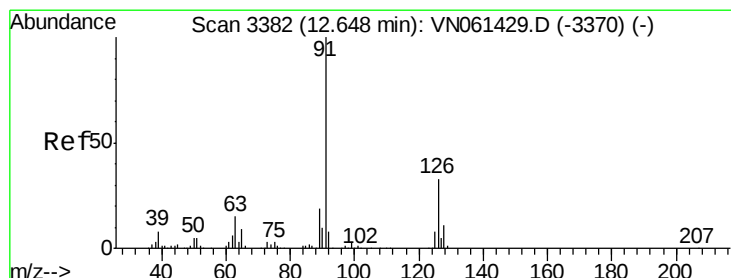
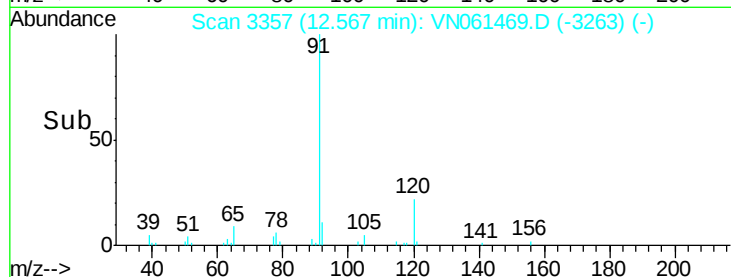
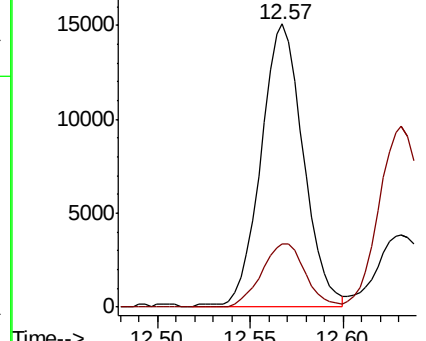
91 100

120 23.0 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.262 ug/l

RT: 12.66 min Scan# 3386

Delta R.T. 0.01 min

Lab File: VN061469.D

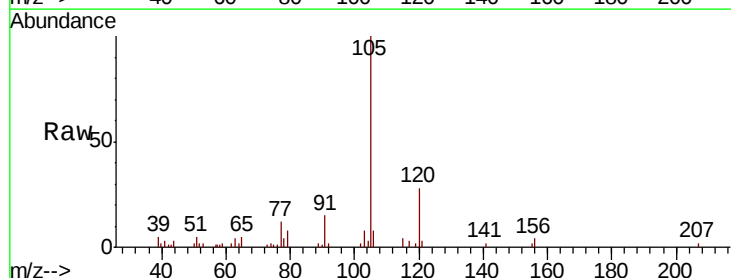
Acq: 19 May 2020 8:53

Tgt Ion: 91 Resp: 3477

Ion Ratio Lower Upper

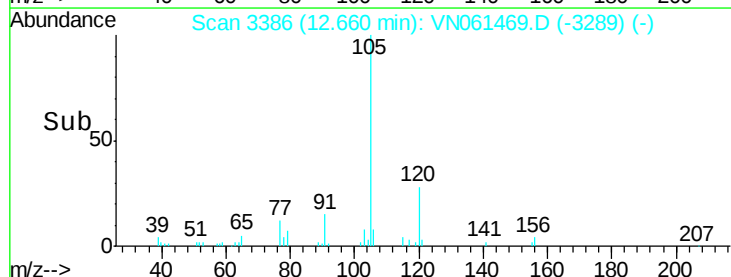
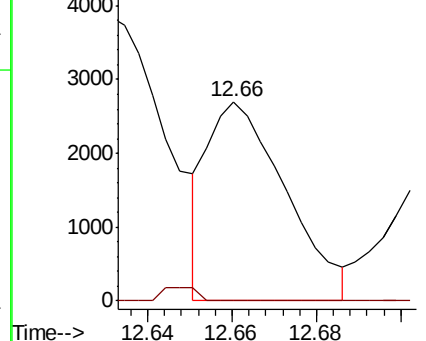
91 100

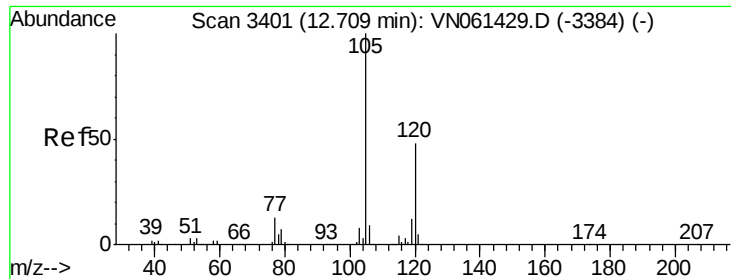
126 2.9 16.3 48.9#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

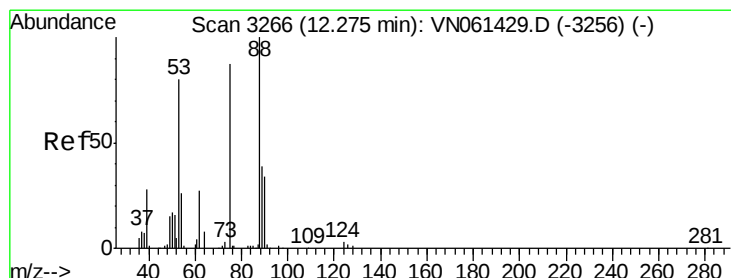
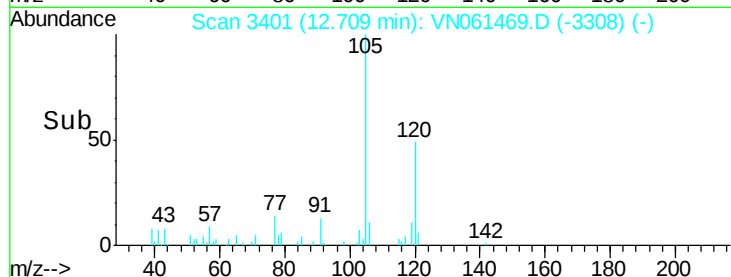
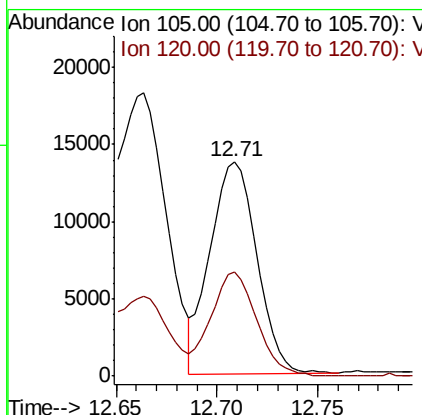
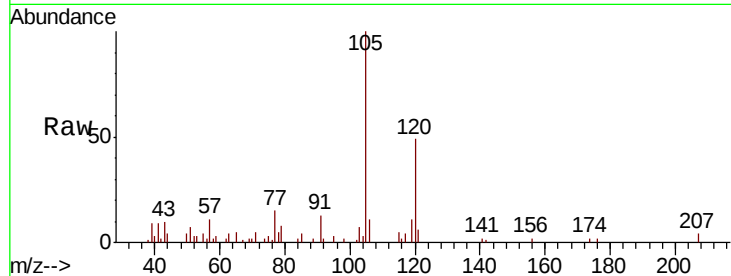




#80
 1,3,5-Trimethylbenzene
 Concen: 1.376 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061469.D
 Acq: 19 May 2020 8:53

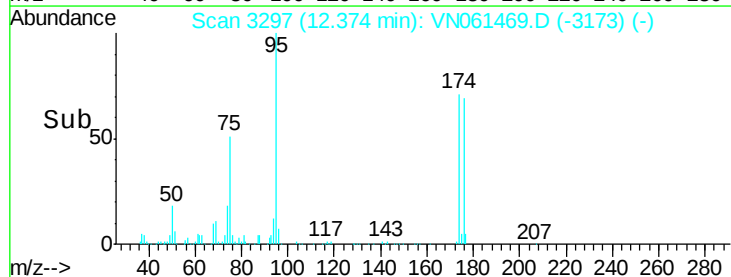
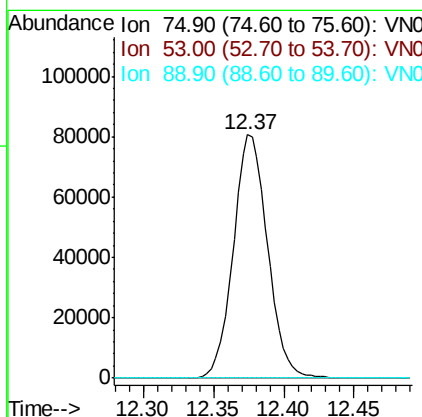
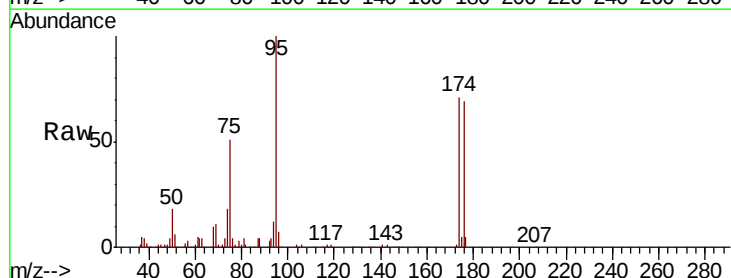
Instrument :
 MSVOA_N
 ClientSampled :

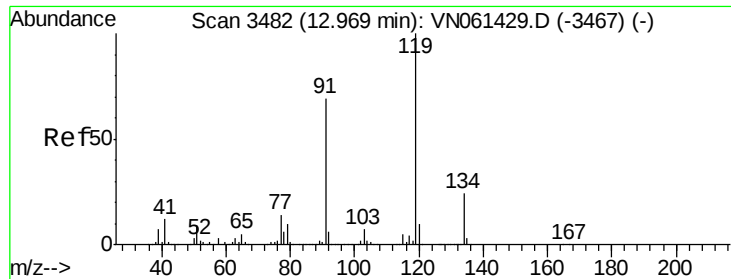
Tot Ion:105 Resp: 22205
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.045 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. 0.10 min
 Lab File: VN061469.D
 Acq: 19 May 2020 8:53

Tgt Ion: 75 Resp: 137065
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.2 112.8#
 89 0.0 38.2 57.4#

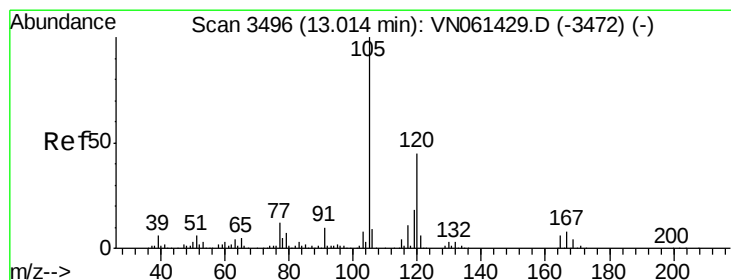
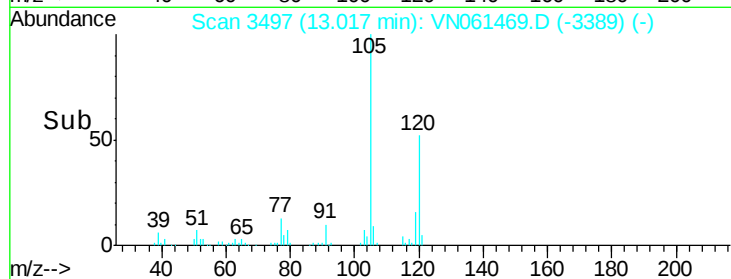
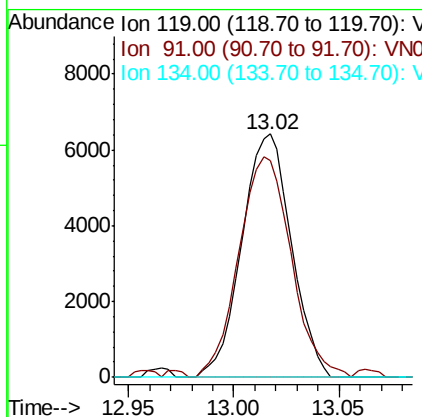
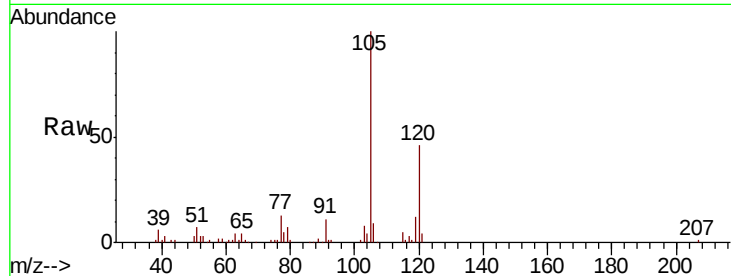




#83
 tert-Butylbenzene
 Concen: 0.759 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.05 min
 Lab File: VN061469.D
 Acq: 19 May 2020 8:53

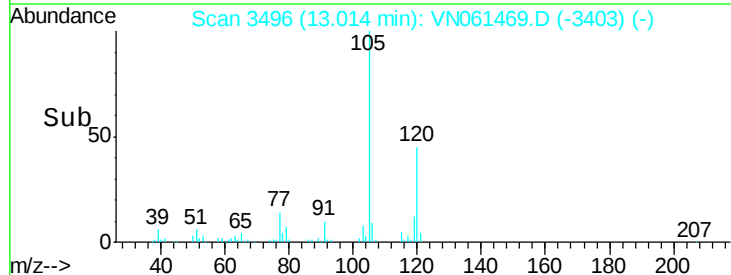
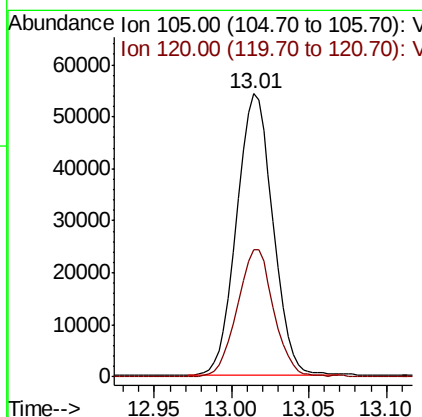
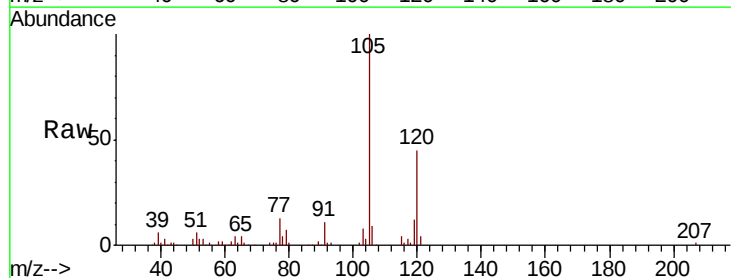
Instrument :
 MSVOA_N
 ClientSampleId :

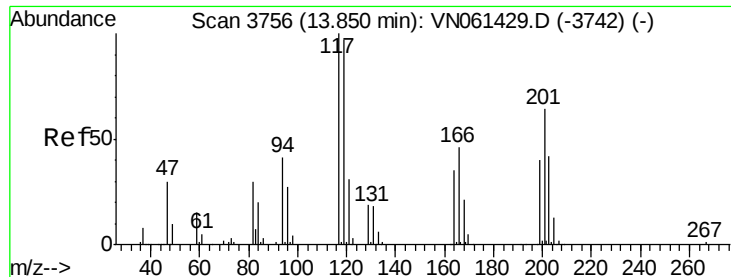
Tot Ion:119 Resp: 10484
 Ion Ratio Lower Upper
 119 100
 91 96.2 33.7 101.0
 134 0.0 12.8 38.3#



#84
 1,2,4-Trimethylbenzene
 Concen: 5.449 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061469.D
 Acq: 19 May 2020 8:53

Tgt Ion:105 Resp: 87967
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.4 67.3

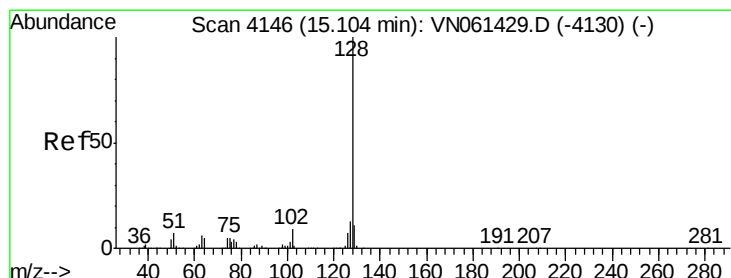
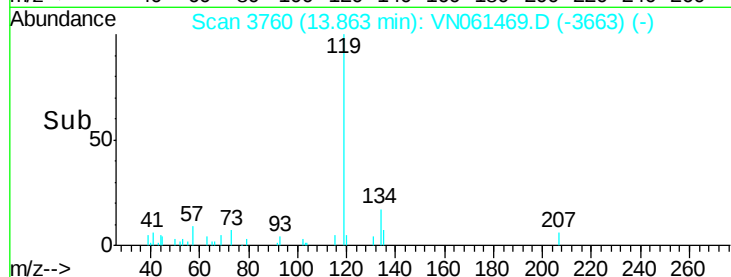
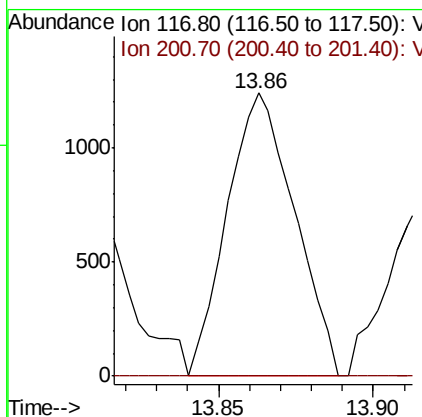
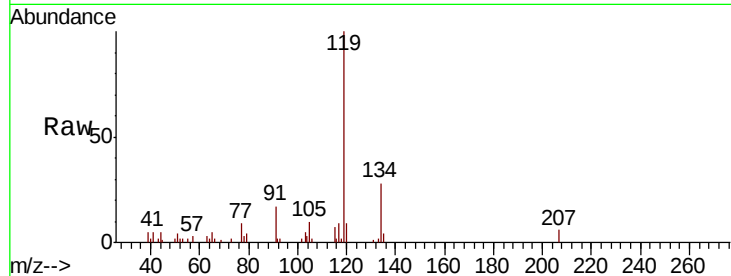




#90
Hexachloroethane
Concen: 0.837 ug/l
RT: 13.86 min Scan# 3760
Delta R.T. 0.01 min
Lab File: VN061469.D
Acq: 19 May 2020 8:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1883
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.7#



#95
Naphthalene
Concen: 9.150 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061469.D
Acq: 19 May 2020 8:53

Tgt Ion:128 Resp: 118396
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 11.1 8.6 13.0

