

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
 Data File : VN061486.D
 Acq On : 19 May 2020 16:20
 Operator : JC/MD
 Sample : L2663-10
 Misc : 1.0µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 20 02:57:02 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	7.62	168	325253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	575363	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	545095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	274621	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	206210	42.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.96%	
35) Dibromofluoromethane	7.54	113	144735	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
50) Toluene-d8	10.06	98	701637	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.38	95	280621	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	

Target Compounds

					Qvalue	
3) Chloromethane	2.03	50	1313	0.298	ug/l	91
5) Bromomethane	2.54	94	264	Below Cal	#	56
10) Methyl Iodide	3.89	142	2880	0.744	ug/l #	86
11) Tert butyl alcohol	4.69	59	2621	4.686	ug/l #	73
13) Acrolein	3.45	56	61	Below Cal	#	1
16) Acetone	3.78	43	73210	49.789	ug/l	97
17) Carbon Disulfide	3.98	76	6507	Below Cal	#	87
18) Methyl Acetate	4.27	43	1579	Below Cal	#	64
29) Tetrahydrofuran	7.17	42	2044	1.396	ug/l #	72
31) Cyclohexane	7.62	56	7453	Below Cal	#	1
36) 1,1-Dichloropropene	7.62	75	24632	4.579	ug/l #	54
37) Ethyl Acetate	6.88	43	1029	0.211	ug/l #	70
38) Carbon Tetrachloride	7.62	117	33812	6.825	ug/l #	15
39) Methylcyclohexane	9.03	83	2040	0.310	ug/l	96
51) 4-Methyl-2-Pentanone	9.96	43	17233	3.718	ug/l	100
52) Toluene	10.13	92	8298	0.797	ug/l	94
59) 2-Hexanone	10.79	43	753	0.225	ug/l	88
67) Ethyl Benzene	11.49	91	16708	0.823	ug/l	96
68) m/p-Xylenes	11.59	106	32398	4.207	ug/l	88
69) o-Xylene	11.92	106	30522	4.095	ug/l	98
71) Bromoform	12.09	173	630	2.215	ug/l #	53
74) N-amyl acetate	12.02	43	4263	0.528	ug/l #	41
76) 1,2,3-Trichloropropane	12.37	75	141251	23.971	ug/l #	100
77) Bromobenzene	12.47	156	97342	20.345	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.71	105	11670	0.646	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.37	75	141251	63.589	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.01	105	34560	1.913	ug/l	98
86) p-Isopropyltoluene	13.26	119	11130	0.599	ug/l #	74
87) 1,3-Dichlorobenzene	13.27	146	2566	0.293	ug/l #	39
89) n-Butylbenzene	13.59	91	7081	0.420	ug/l #	82
90) Hexachloroethane	13.86	117	2561	1.018	ug/l #	24
93) 1,2,4-Trichlorobenzene	14.88	180	1197	0.263	ug/l #	1
95) Naphthalene	15.10	128	26201	1.810	ug/l #	71
96) 1,2,3-Trichlorobenzene	15.31	180	9855	2.174	ug/l #	12

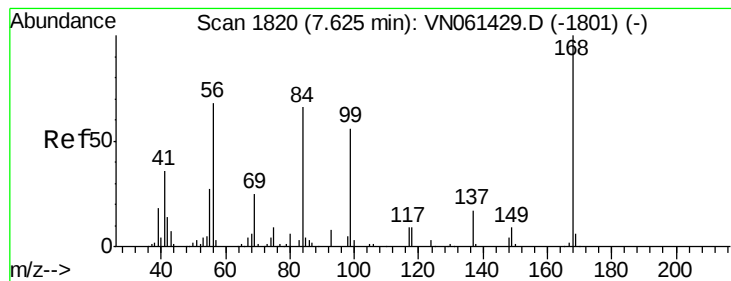
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
Data File : VN061486.D
Acq On : 19 May 2020 16:20
Operator : JC/MD
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Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061486.D

Acq: 19 May 2020 16:20

Instrument :

MSVOA_N

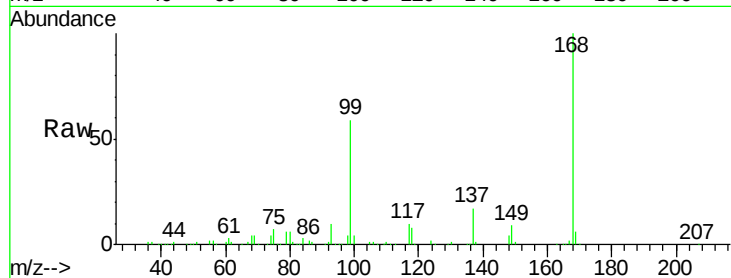
ClientSampled :

Tot Ion:168 Resp: 325253

Ion Ratio Lower Upper

168 100

99 59.3 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

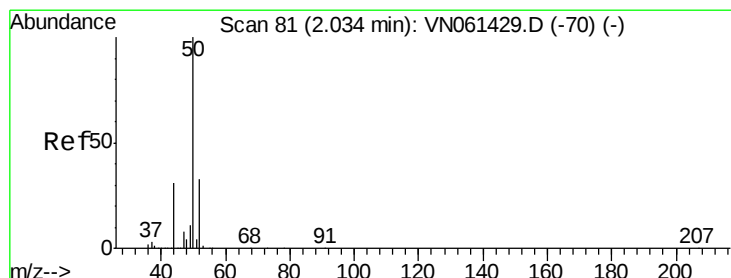
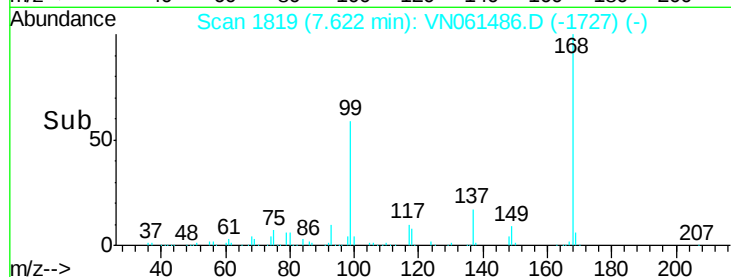
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.298 ug/l

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN061486.D

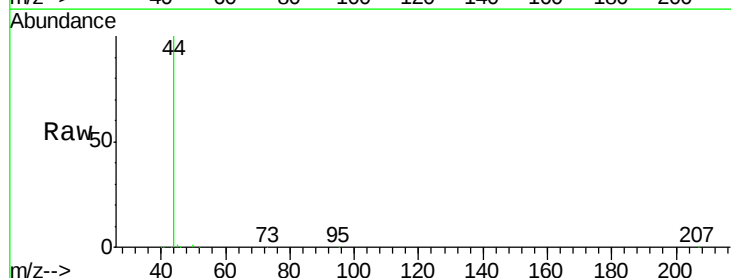
Acq: 19 May 2020 16:20

Tgt Ion: 50 Resp: 1313

Ion Ratio Lower Upper

50 100

52 28.2 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

1000

800

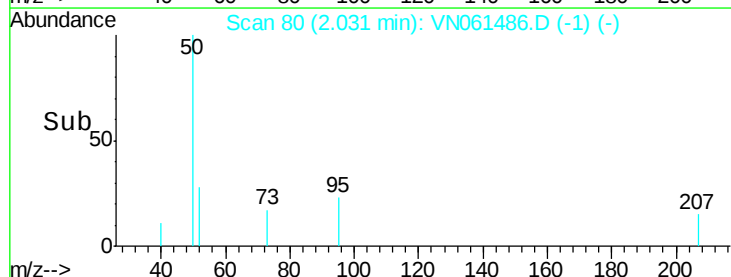
600

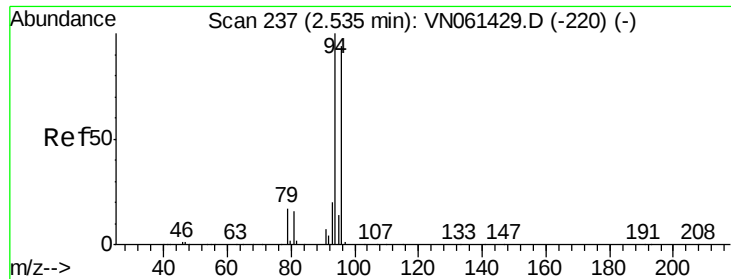
400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VN061486.D

Acq: 19 May 2020 16:20

Instrument :

MSVOA_N

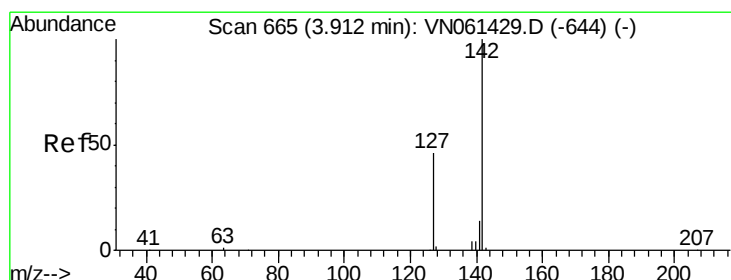
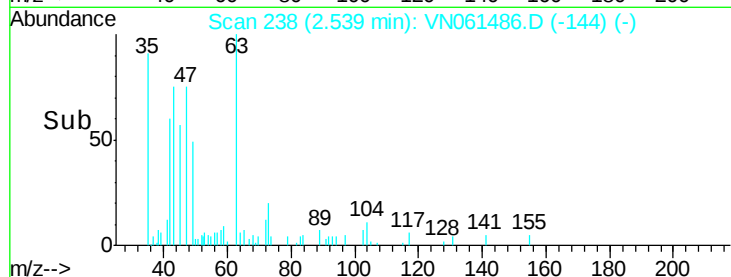
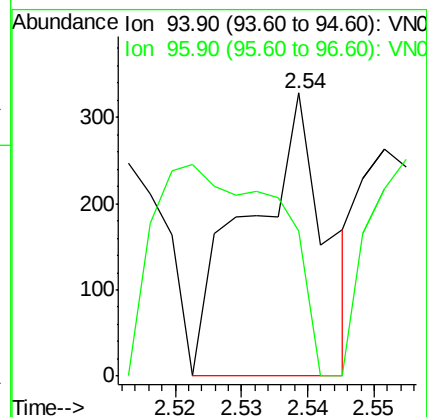
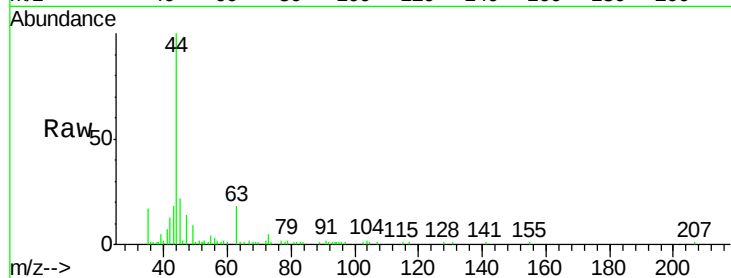
ClientSampled :

Tot Ion: 94 Resp: 264

Ion Ratio Lower Upper

94 100

96 51.2 74.9 112.3#



#10

Methyl Iodide

Concen: 0.744 ug/l

RT: 3.89 min Scan# 658

Delta R.T. -0.02 min

Lab File: VN061486.D

Acq: 19 May 2020 16:20

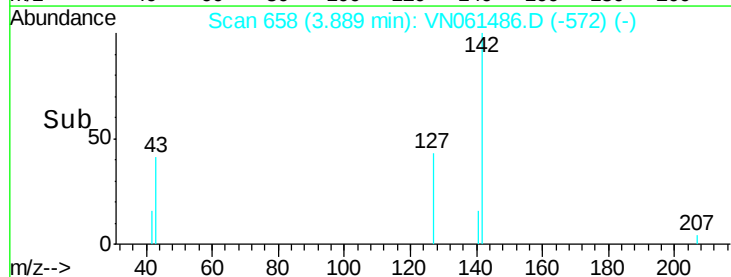
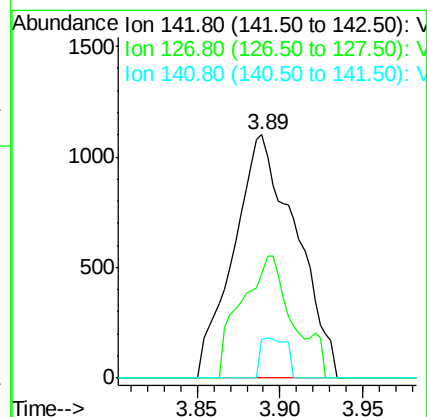
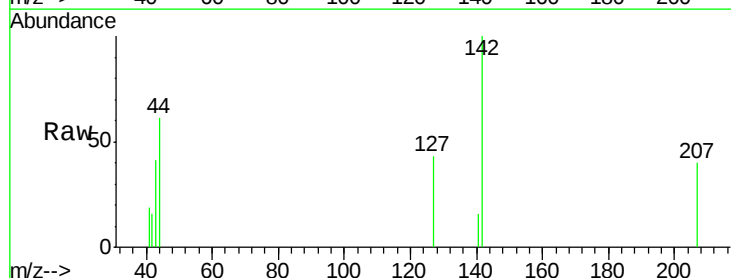
Tgt Ion: 142 Resp: 2880

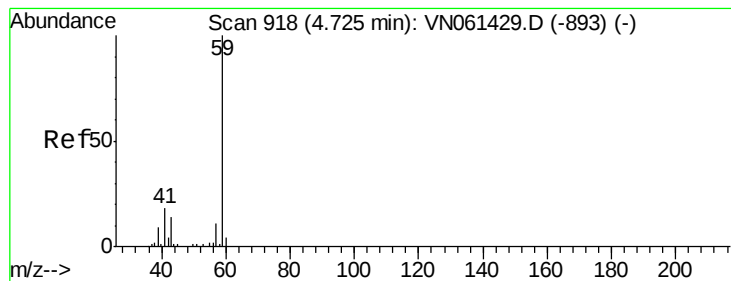
Ion Ratio Lower Upper

142 100

127 37.8 36.7 55.1

141 6.8 11.5 17.3#



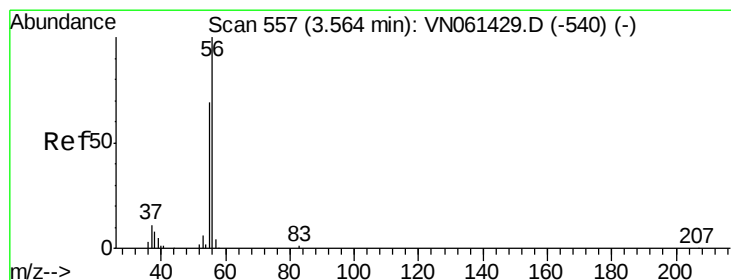
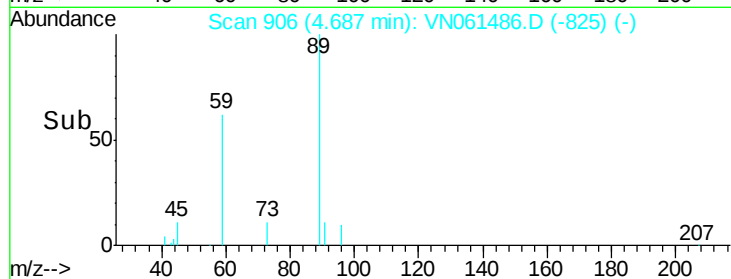
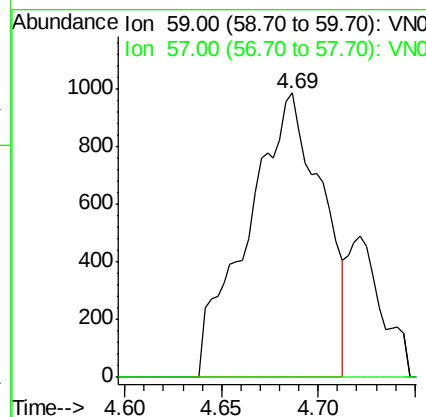
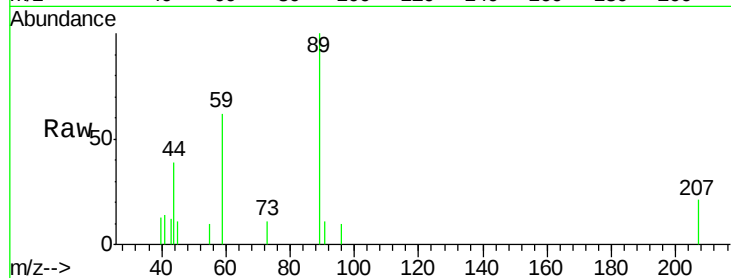


#11

Tert butyl alcohol
 Concen: 4.686 ug/l
 RT: 4.69 min Scan# 906
 Delta R.T. -0.04 min
 Lab File: VN061486.D
 Acq: 19 May 2020 16:20

Instrument :
 MSVOA_N
 ClientSampled :

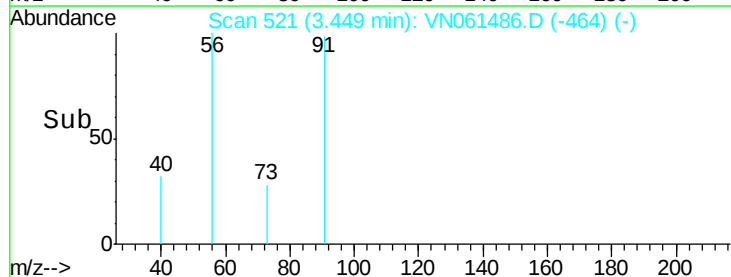
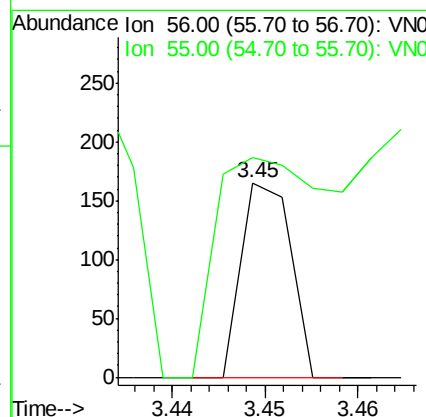
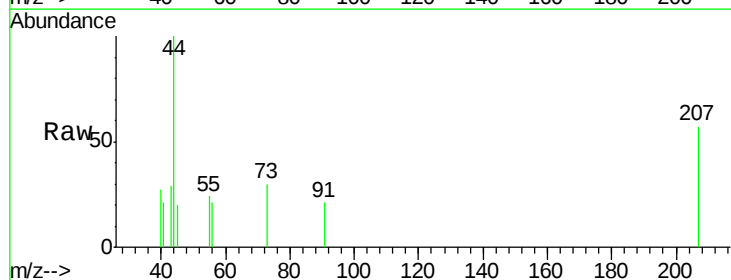
Tot Ion: 59 Resp: 2621
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

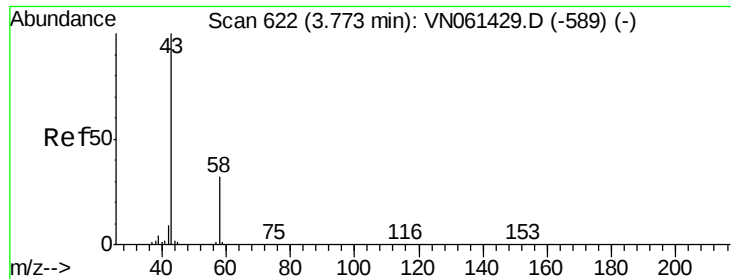


#13

Acrolein
 Concen: Below Cal
 RT: 3.45 min Scan# 521
 Delta R.T. -0.12 min
 Lab File: VN061486.D
 Acq: 19 May 2020 16:20

Tgt Ion: 56 Resp: 61
 Ion Ratio Lower Upper
 56 100
 55 272.1 54.8 82.2#





#16

Acetone

Concen: 49.789 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061486.D

Acq: 19 May 2020 16:20

Instrument :

MSVOA_N

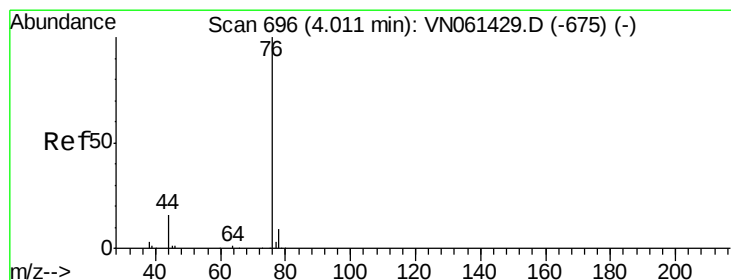
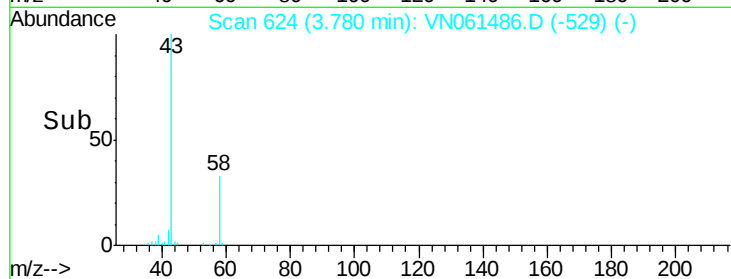
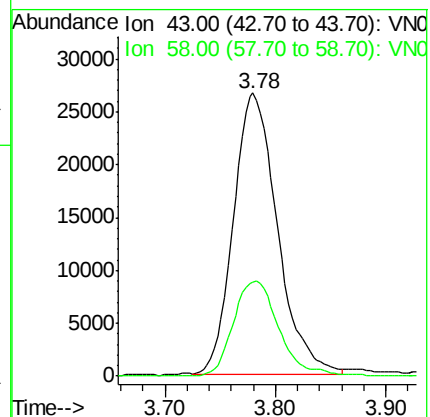
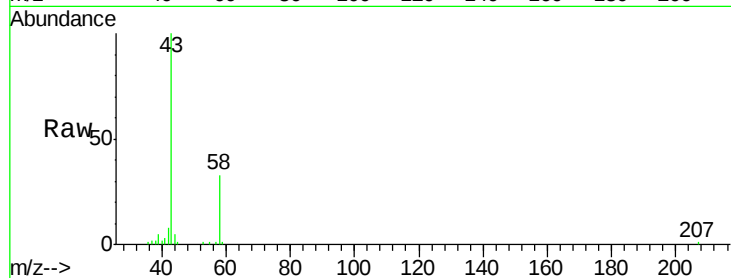
ClientSampled :

Tot Ion: 43 Resp: 73210

Ion Ratio Lower Upper

43 100

58 33.4 25.6 38.4



#17

Carbon Disulfide

Concen: Below Cal

RT: 3.98 min Scan# 687

Delta R.T. -0.03 min

Lab File: VN061486.D

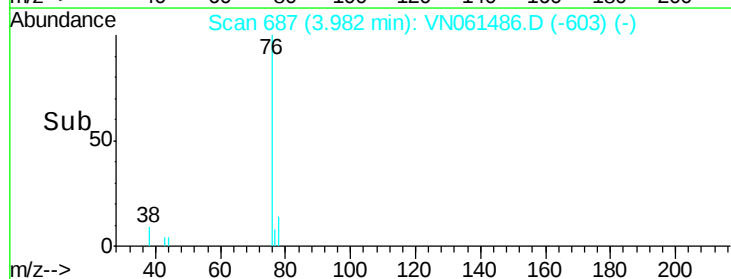
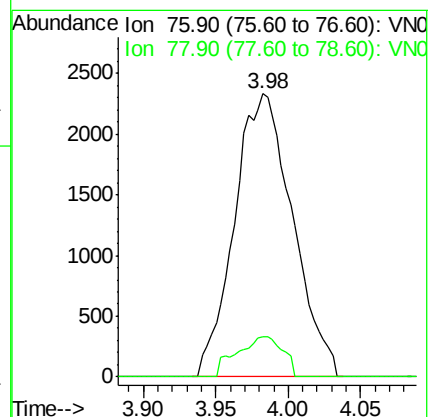
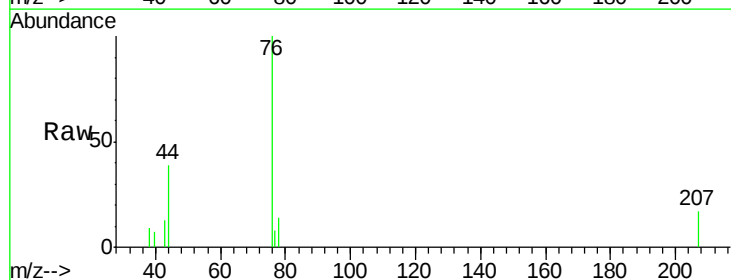
Acq: 19 May 2020 16:20

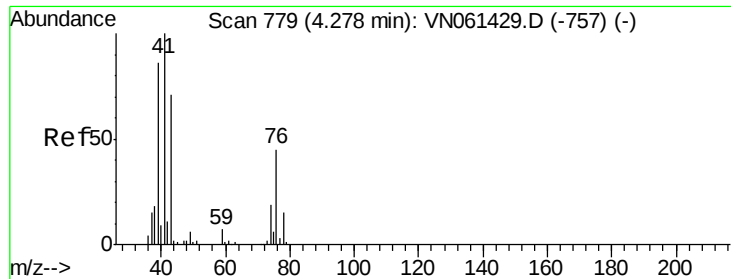
Tgt Ion: 76 Resp: 6507

Ion Ratio Lower Upper

76 100

78 14.0 7.4 11.0#

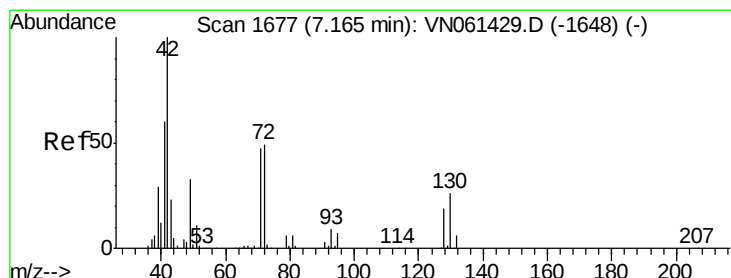
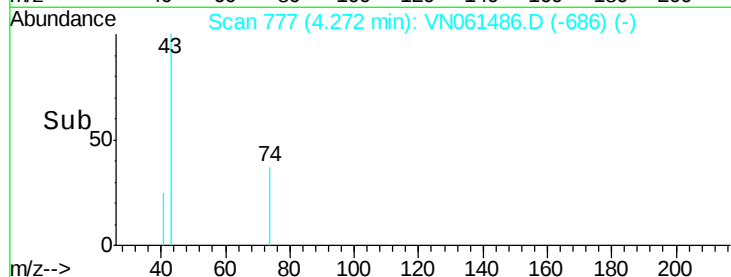
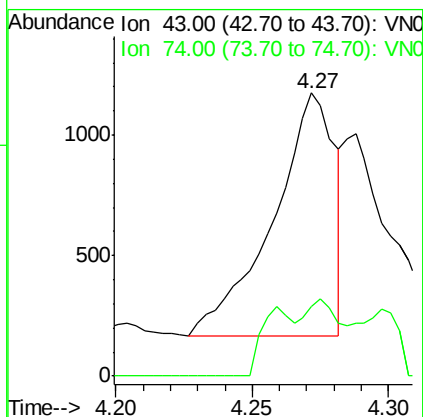
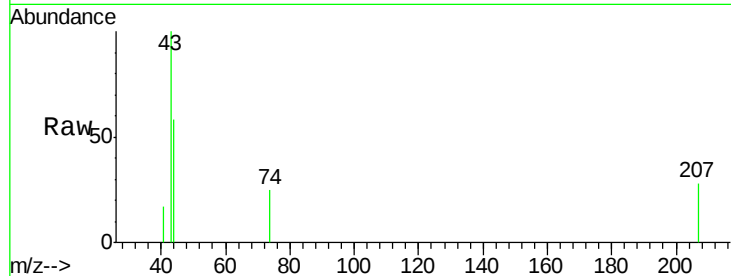




#18
Methyl Acetate
Concen: Below Cal
RT: 4.27 min Scan# 777
Delta R.T. -0.01 min
Lab File: VN061486.D
Acq: 19 May 2020 16:20

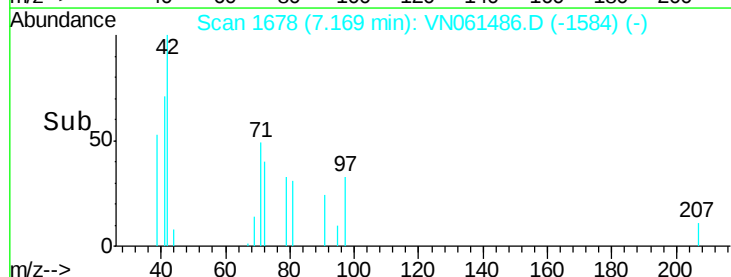
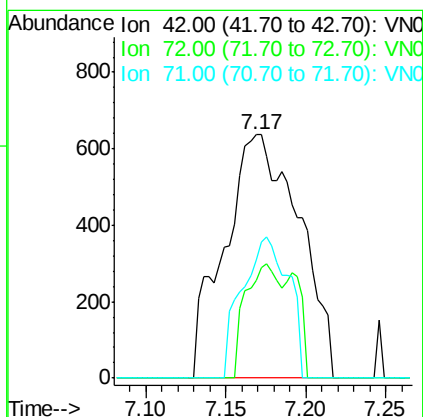
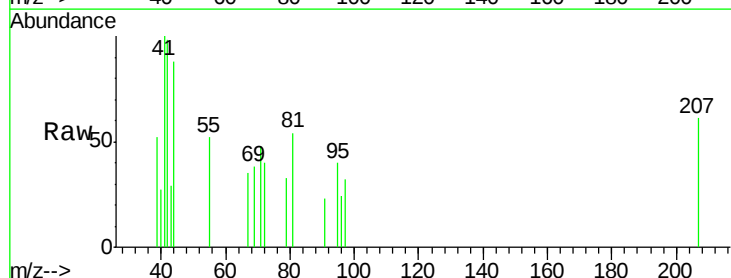
Instrument :
MSVOA_N
ClientSampleId :

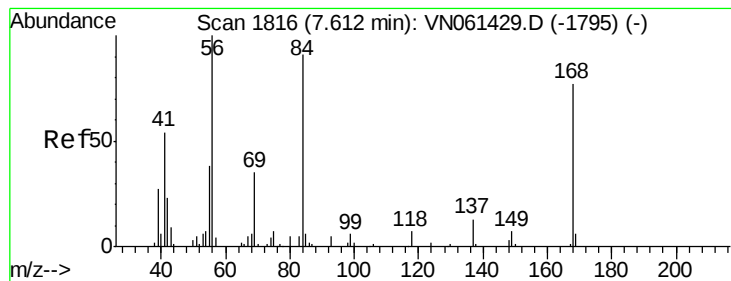
Tot Ion: 43 Resp: 1579
Ion Ratio Lower Upper
43 100
74 7.5 20.8 31.2#



#29
Tetrahydrofuran
Concen: 1.396 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN061486.D
Acq: 19 May 2020 16:20

Tgt Ion: 42 Resp: 2044
Ion Ratio Lower Upper
42 100
72 21.4 39.0 58.6#
71 36.1 36.9 55.3#





#31

Cyclohexane

Concen: Below Cal

RT: 7.62 min Scan# 1818

Delta R.T. 0.01 min

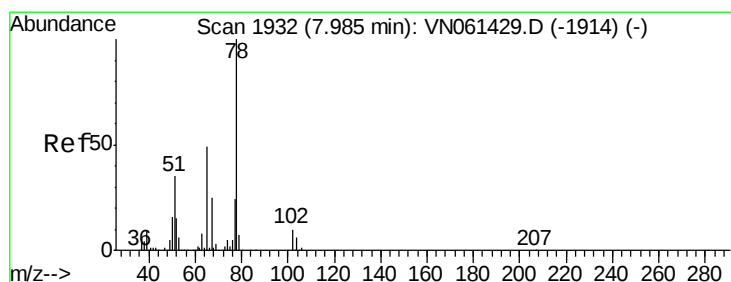
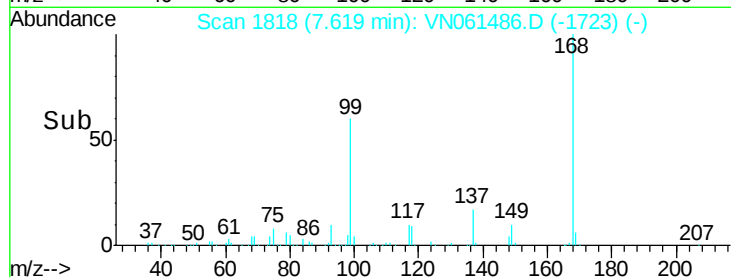
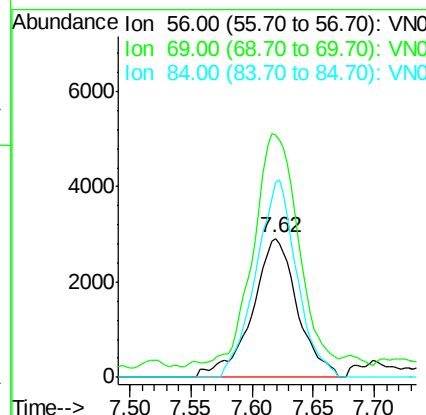
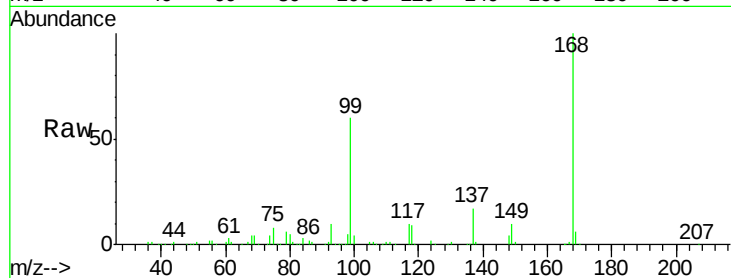
Lab File: VN061486.D

Acq: 19 May 2020 16:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 7453

Ion	Ratio	Lower	Upper
56	100		
69	163.3	27.8	41.6#
84	140.5	72.7	109.1#



#33

1,2-Dichloroethane-d4

Concen: 42.480 ug/l

RT: 7.98 min Scan# 1931

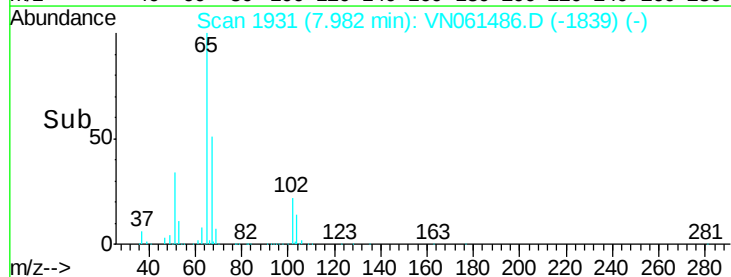
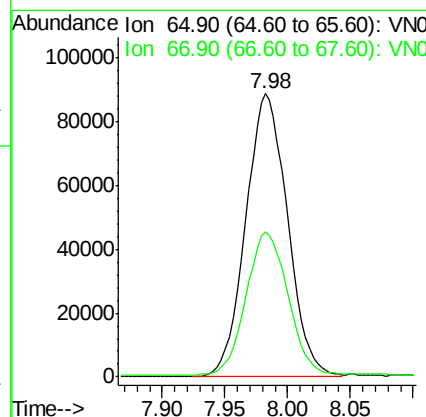
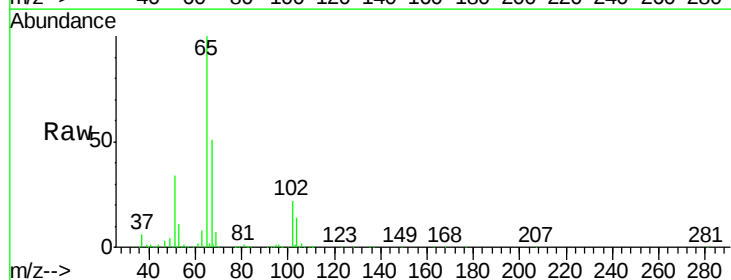
Delta R.T. -0.00 min

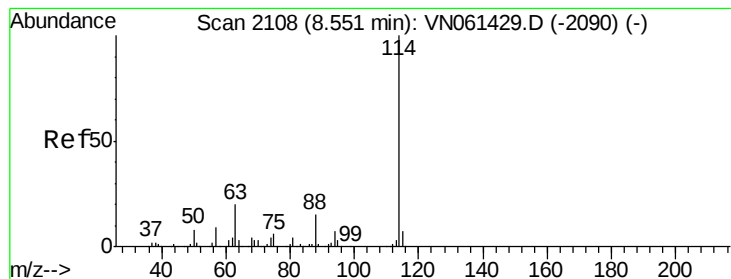
Lab File: VN061486.D

Acq: 19 May 2020 16:20

Tgt Ion: 65 Resp: 206210

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061486.D

Acq: 19 May 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

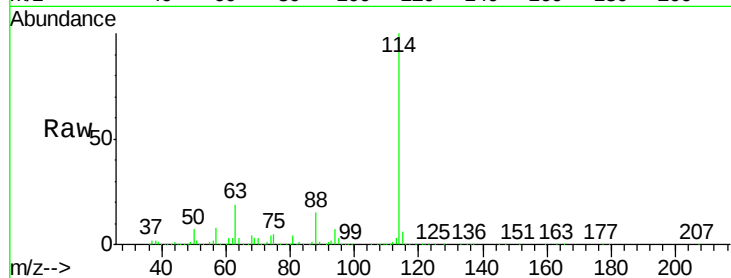
Tot Ion:114 Resp: 575363

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.8

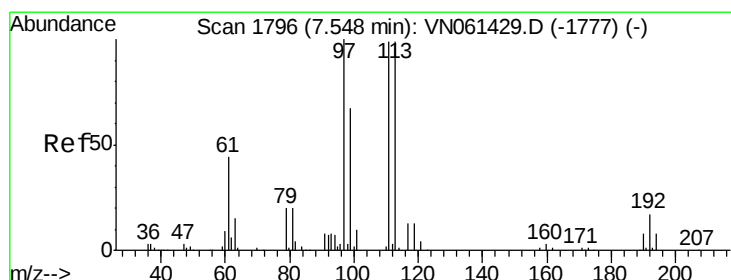
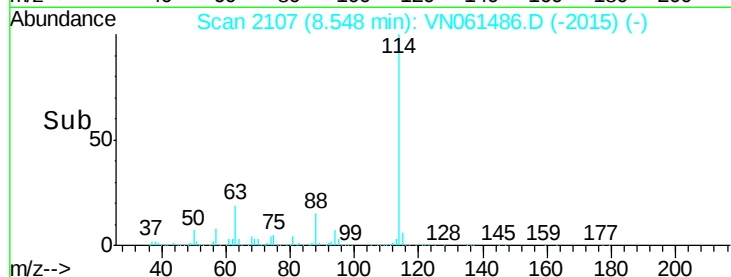
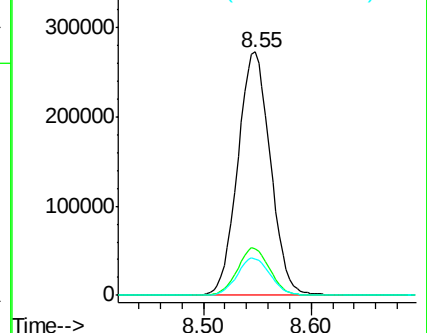
88 15.1 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.018 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN061486.D

Acq: 19 May 2020 16:20

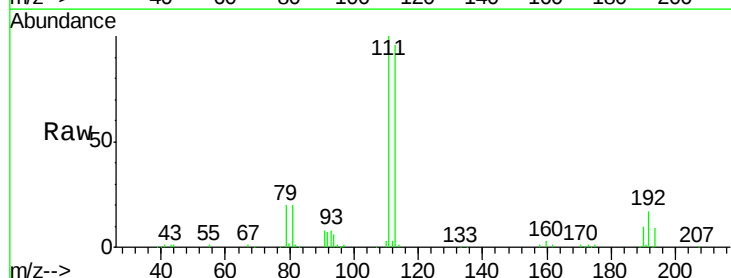
Tgt Ion:113 Resp: 144735

Ion Ratio Lower Upper

113 100

111 103.3 80.6 121.0

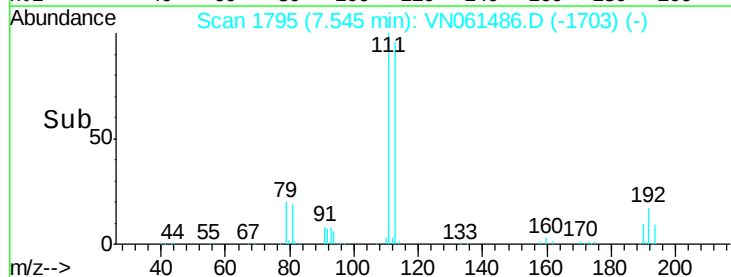
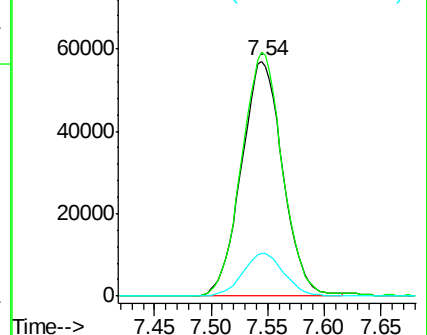
192 18.2 13.2 19.8

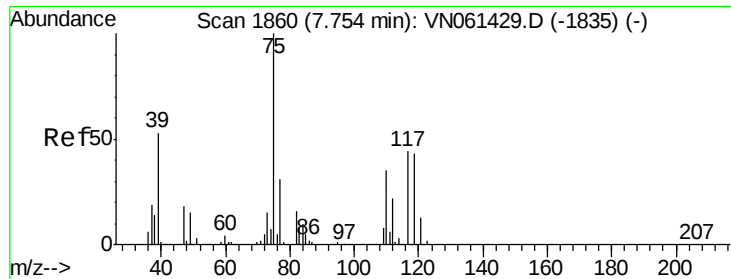


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

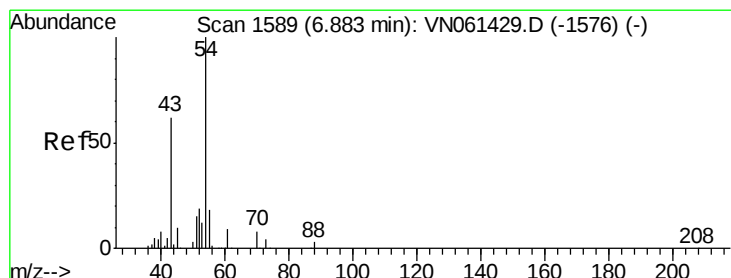
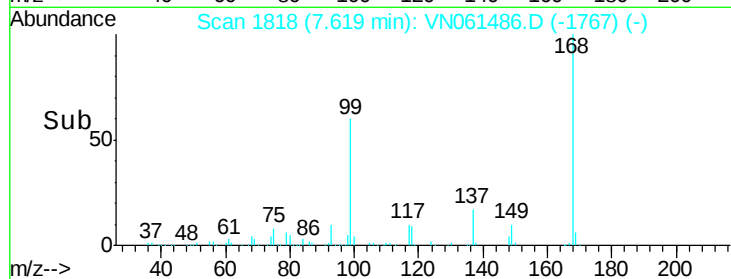
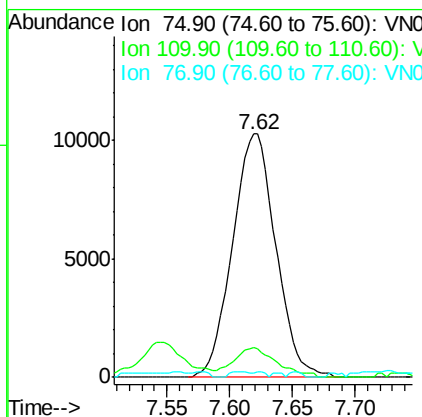
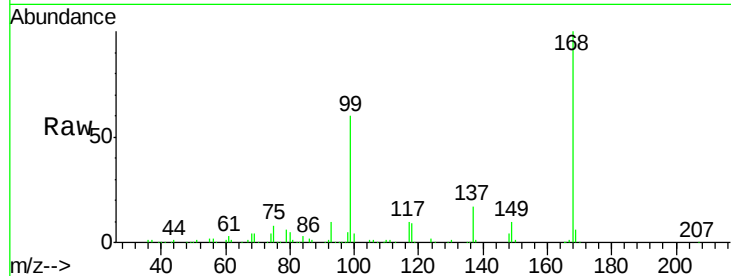




#36
 1,1-Dichloropropene
 Concen: 4.579 ug/l
 RT: 7.62 min Scan# 1818
 Delta R.T. -0.13 min
 Lab File: VN061486.D
 Acq: 19 May 2020 16:20

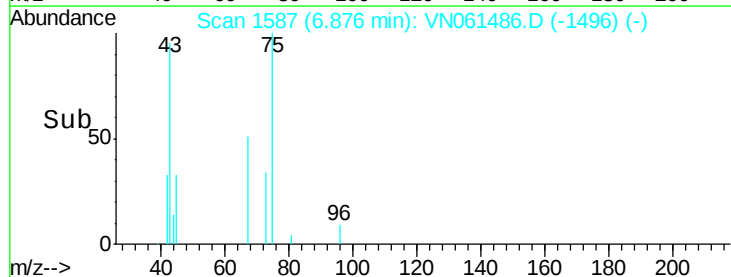
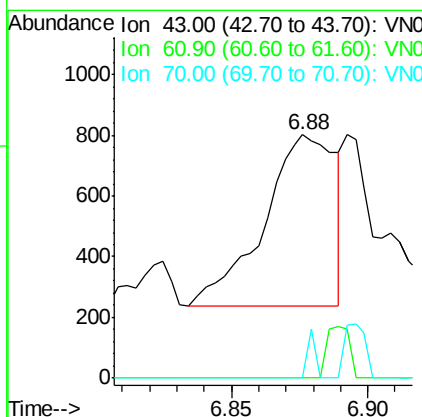
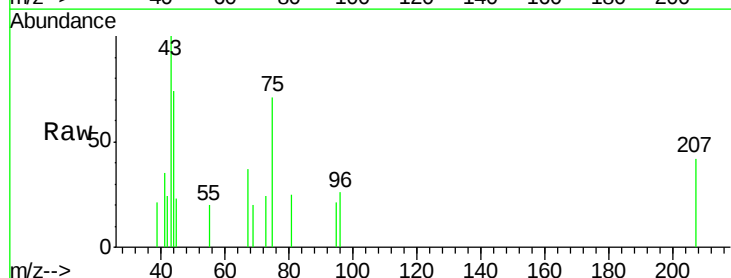
Instrument :
 MSVOA_N
 ClientSampled :

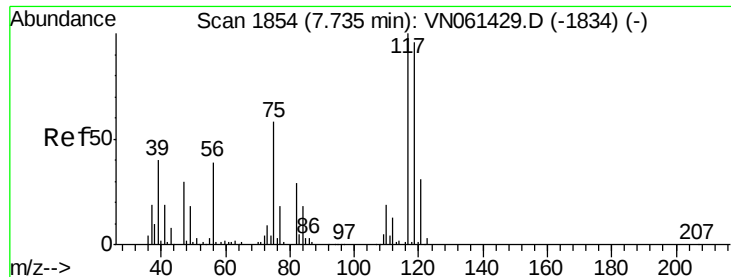
Tot Ion: 75 Resp: 24632
 Ion Ratio Lower Upper
 75 100
 110 12.4 17.3 51.9#
 77 1.2 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 0.211 ug/l
 RT: 6.88 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: VN061486.D
 Acq: 19 May 2020 16:20

Tgt Ion: 43 Resp: 1029
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.7 17.5#
 70 3.0 9.2 13.8#

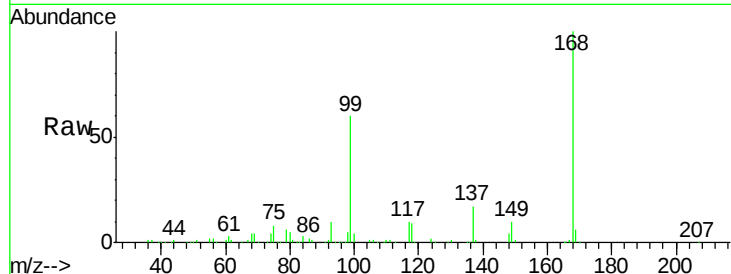




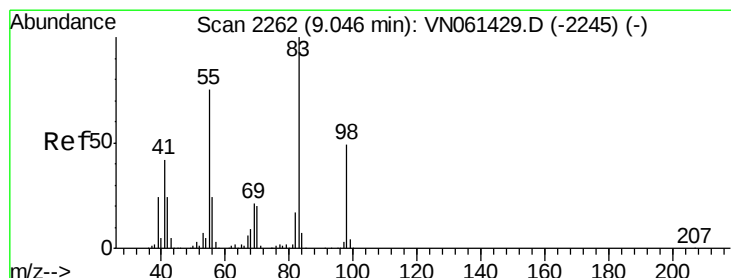
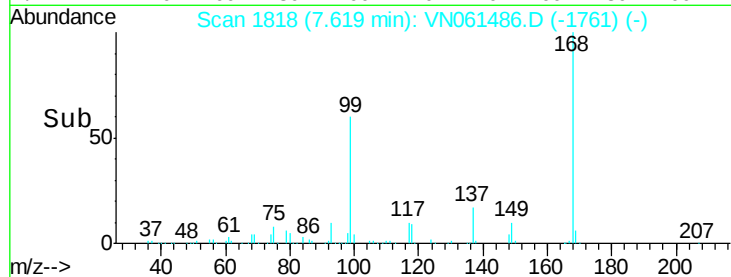
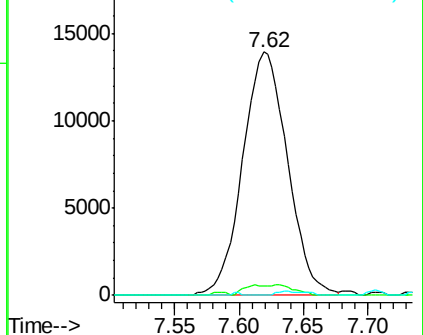
#38
Carbon Tetrachloride
Concen: 6.825 ug/l
RT: 7.62 min Scan# 1818
Delta R.T. -0.12 min
Lab File: VN061486.D
Acq: 19 May 2020 16:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 33812
Ion Ratio Lower Upper
117 100
119 3.9 77.0 115.6#
121 0.0 24.7 37.1#

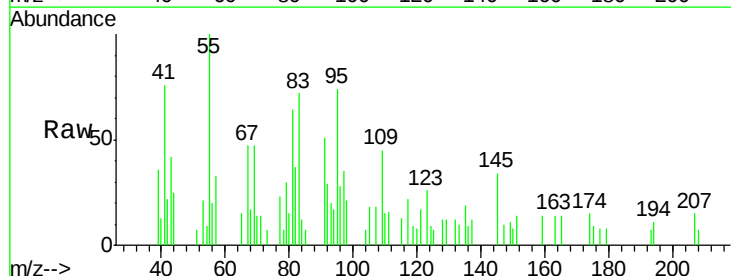


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

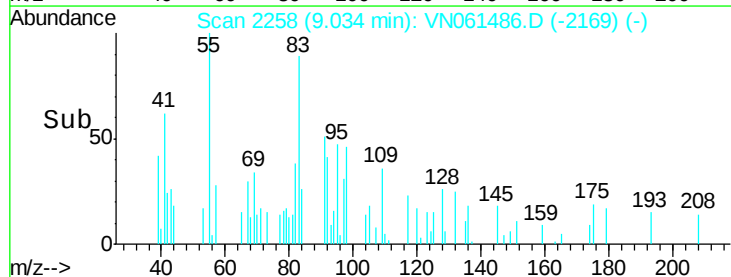
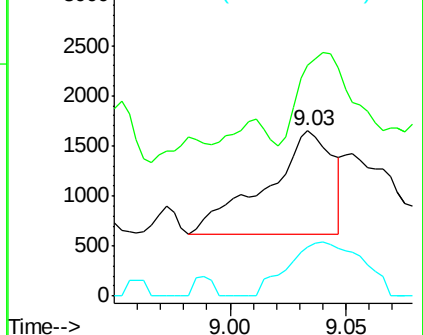


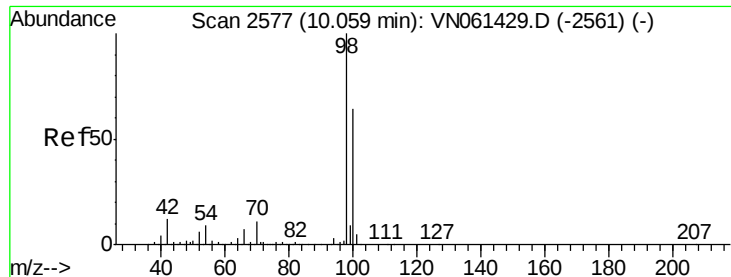
#39
Methylcyclohexane
Concen: 0.310 ug/l
RT: 9.03 min Scan# 2258
Delta R.T. -0.01 min
Lab File: VN061486.D
Acq: 19 May 2020 16:20

Tgt Ion: 83 Resp: 2040
Ion Ratio Lower Upper
83 100
55 69.6 59.7 89.5
98 48.0 38.9 58.3



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





#50

Toluene-d8

Concen: 50.187 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061486.D

Acq: 19 May 2020 16:20

Instrument :

MSVOA_N

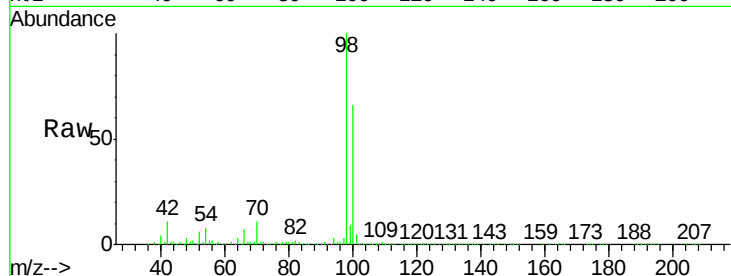
ClientSampleId :

Tot Ion: 98 Resp: 701637

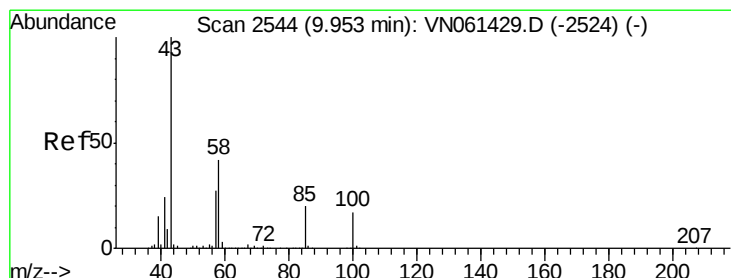
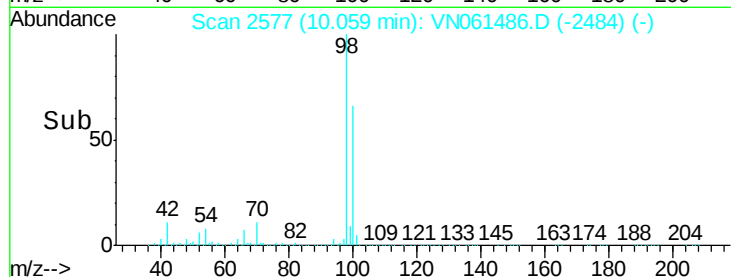
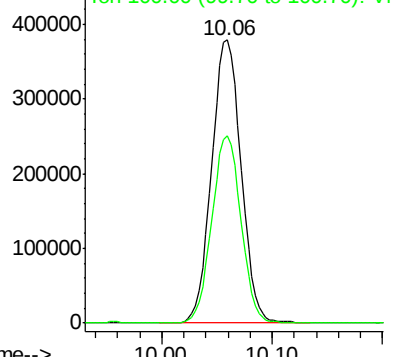
Ion Ratio Lower Upper

98 100

100 65.7 51.8 77.8



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



#51

4-Methyl-2-Pentanone

Concen: 3.718 ug/l

RT: 9.96 min Scan# 2545

Delta R.T. 0.00 min

Lab File: VN061486.D

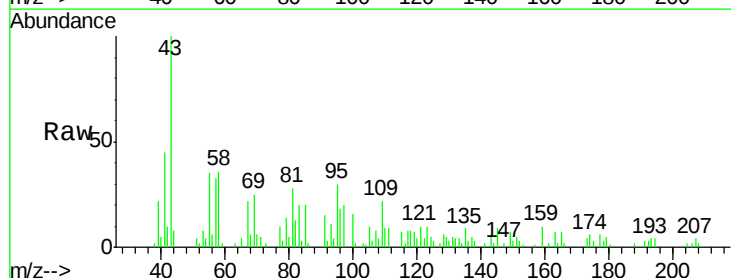
Acq: 19 May 2020 16:20

Tgt Ion: 43 Resp: 17233

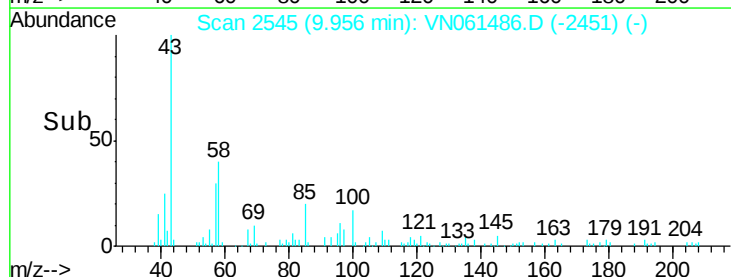
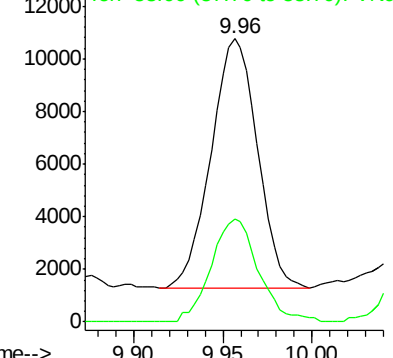
Ion Ratio Lower Upper

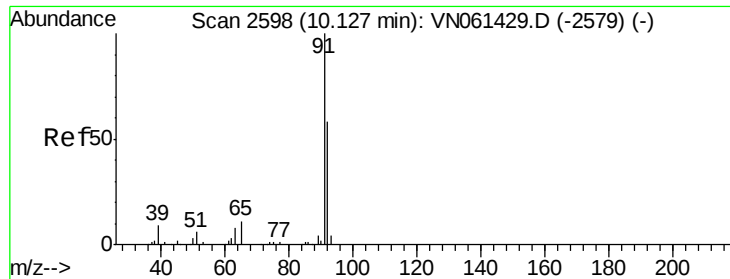
43 100

58 42.0 33.4 50.2



Abundance Ion 43.00 (42.70 to 43.70): VN061429.D (-2524) (-)





#52

Toluene

Concen: 0.797 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN061486.D

Acq: 19 May 2020 16:20

Instrument :

MSVOA_N

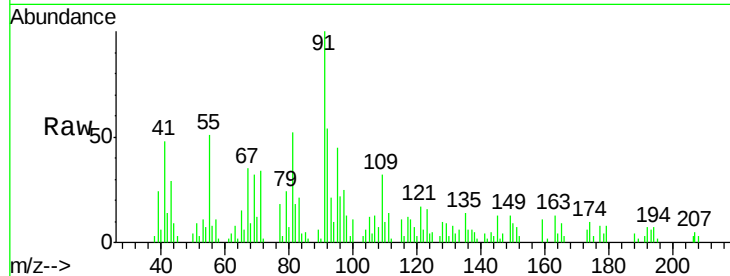
ClientSampled :

Tot Ion: 92 Resp: 8298

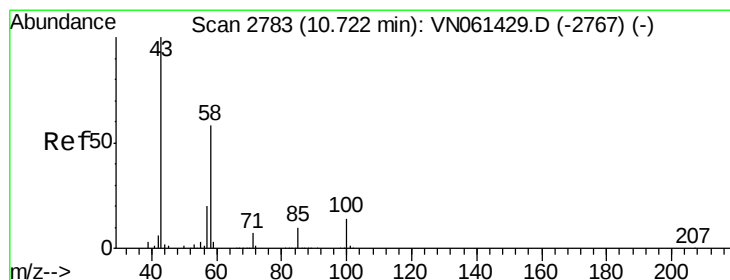
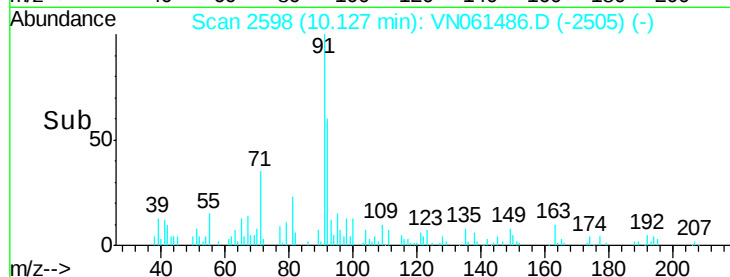
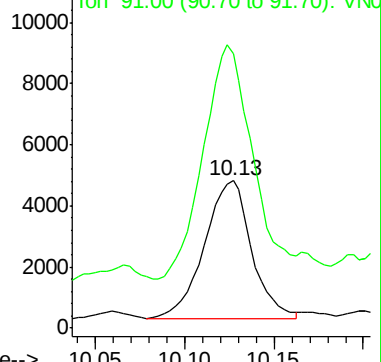
Ion Ratio Lower Upper

92 100

91 180.3 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VN061486.D (-2505) (-)



#59

2-Hexanone

Concen: 0.225 ug/l

RT: 10.79 min Scan# 2804

Delta R.T. 0.07 min

Lab File: VN061486.D

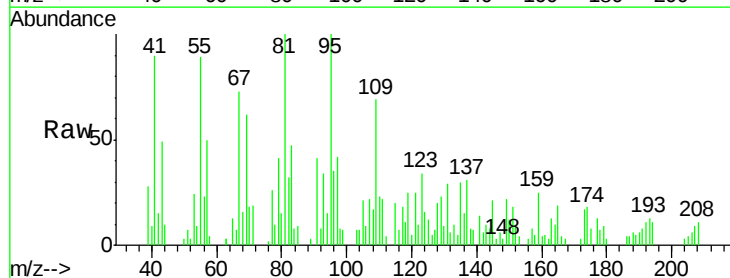
Acq: 19 May 2020 16:20

Tgt Ion: 43 Resp: 753

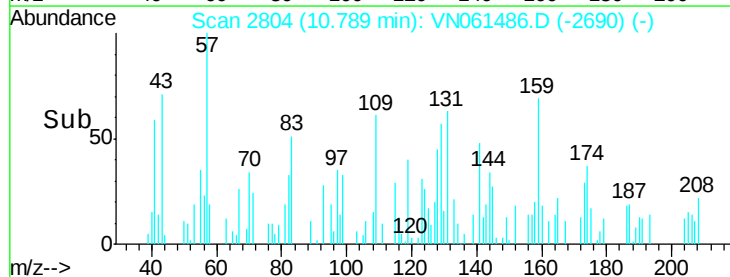
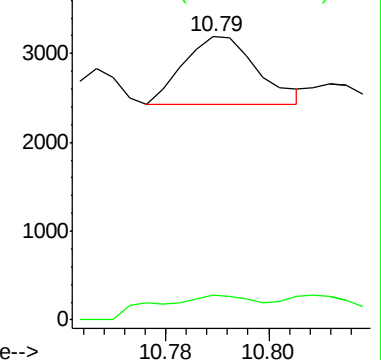
Ion Ratio Lower Upper

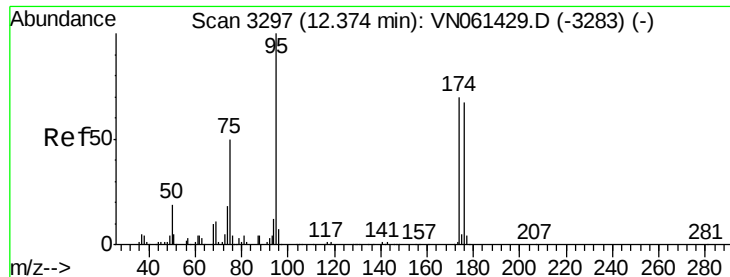
43 100

58 49.7 29.2 87.6



Abundance Ion 43.00 (42.70 to 43.70): VN061486.D (-2690) (-)





#62

4-Bromofluorobenzene

Concen: 53.726 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061486.D

Acq: 19 May 2020 16:20

Instrument :

MSVOA_N

ClientSampled :

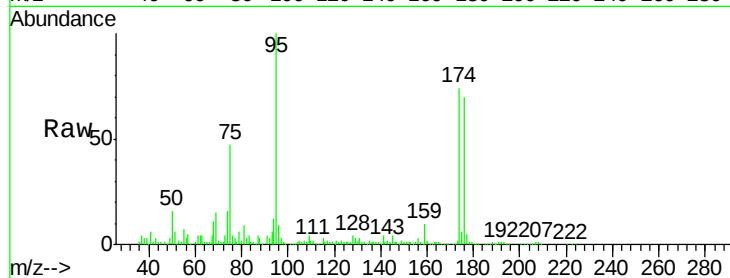
Tot Ion: 95 Resp: 280621

Ion Ratio Lower Upper

95 100

174 75.0 0.0 141.2

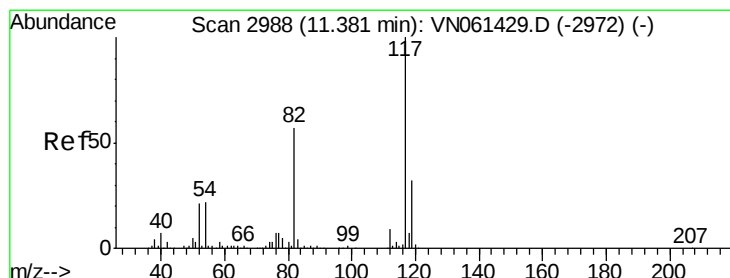
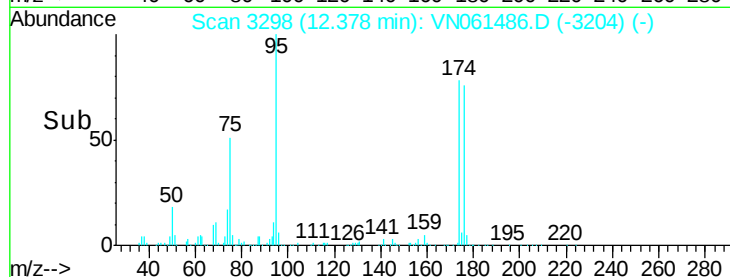
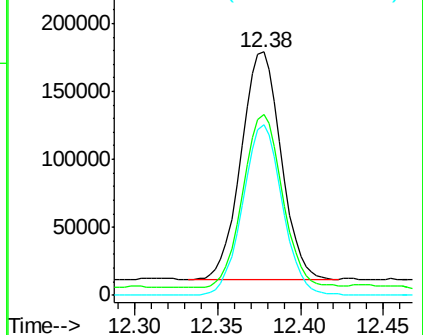
176 74.6 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN061429.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061429.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061429.D (-3283) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061486.D

Acq: 19 May 2020 16:20

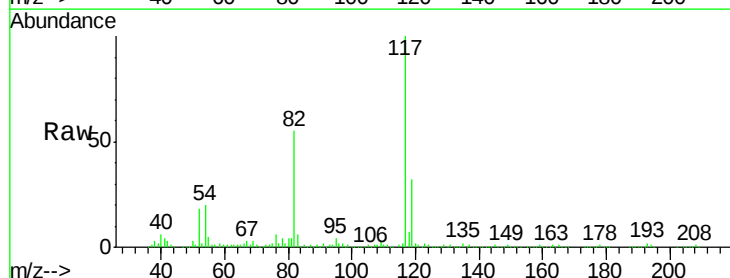
Tgt Ion: 117 Resp: 545095

Ion Ratio Lower Upper

117 100

82 54.4 45.2 67.8

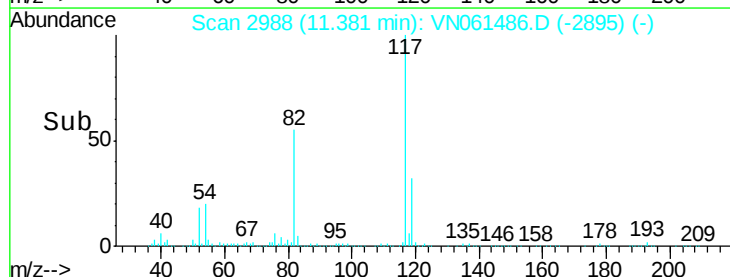
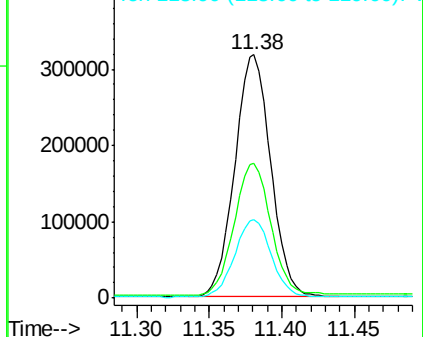
119 32.0 25.3 37.9

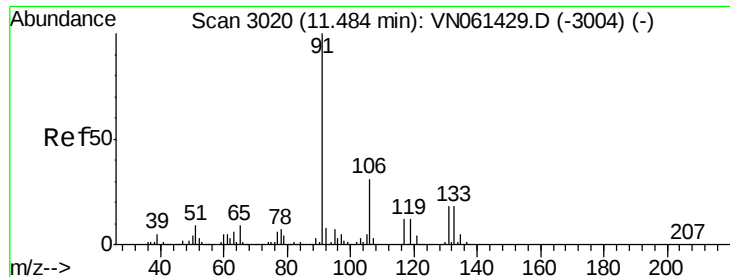


Abundance Ion 116.90 (116.60 to 117.60): VN061429.D (-2972) (-)

Ion 82.00 (81.70 to 82.70): VN061429.D (-2972) (-)

Ion 118.90 (118.60 to 119.60): VN061429.D (-2972) (-)

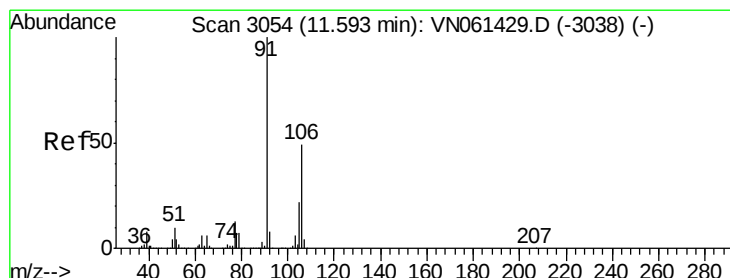
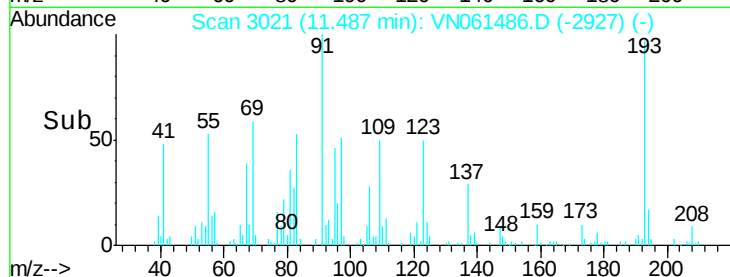
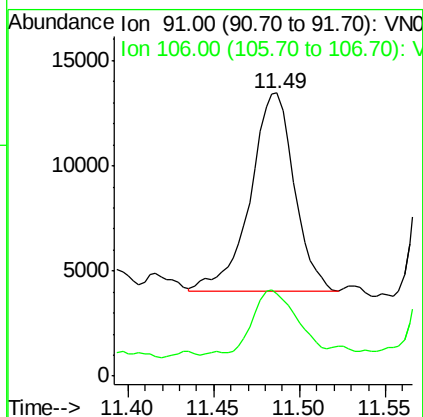
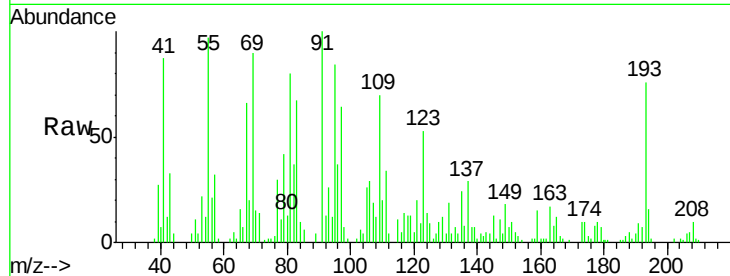




#67
Ethyl Benzene
Concen: 0.823 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN061486.D
Acq: 19 May 2020 16:20

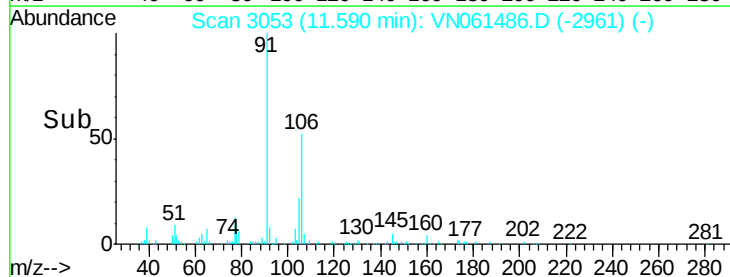
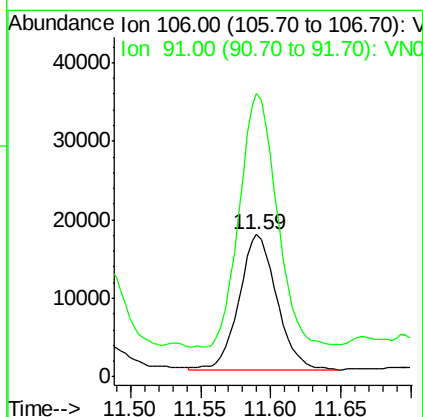
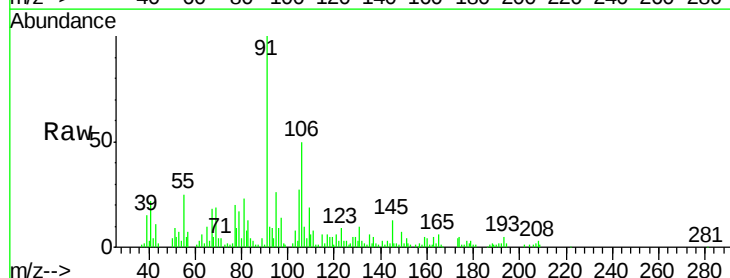
Instrument :
MSVOA_N
ClientSampleId :

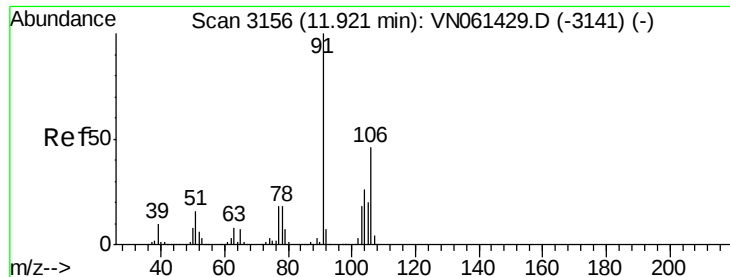
Tot Ion: 91 Resp: 16708
Ion Ratio Lower Upper
91 100
106 28.7 24.6 36.8



#68
m/p-Xylenes
Concen: 4.207 ug/l
RT: 11.59 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN061486.D
Acq: 19 May 2020 16:20

Tgt Ion: 106 Resp: 32398
Ion Ratio Lower Upper
106 100
91 185.3 163.0 244.6

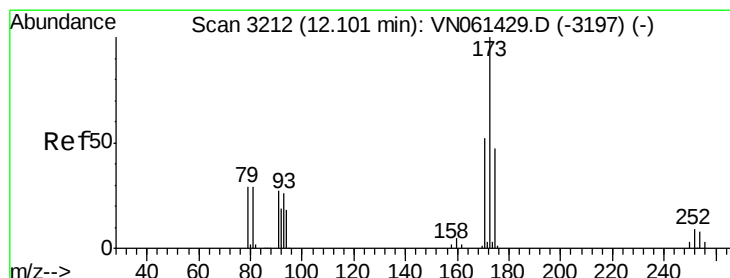
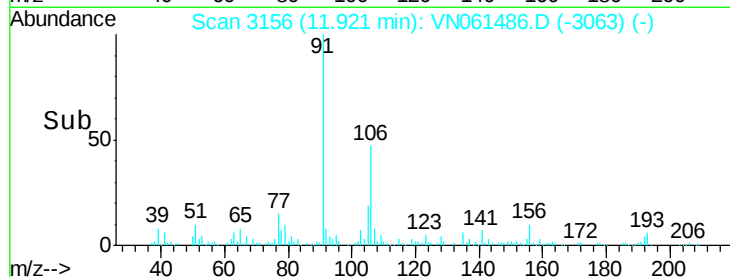
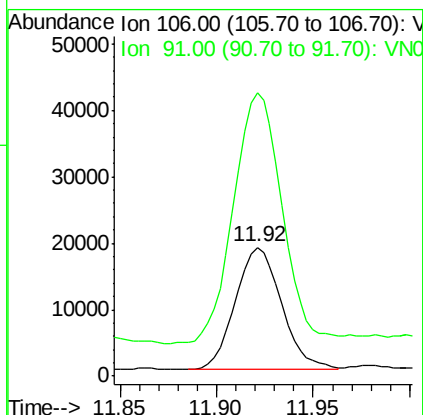
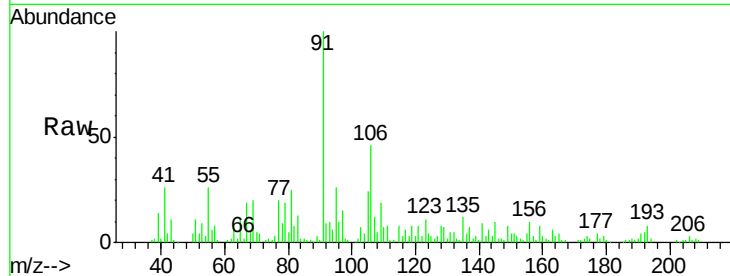




#69
o-Xylene
Concen: 4.095 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061486.D
Acq: 19 May 2020 16:20

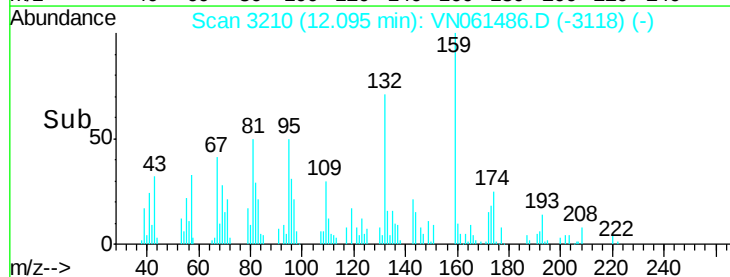
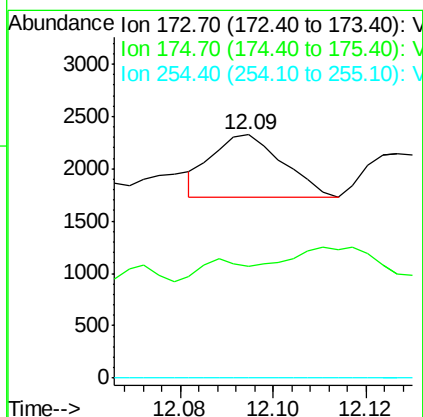
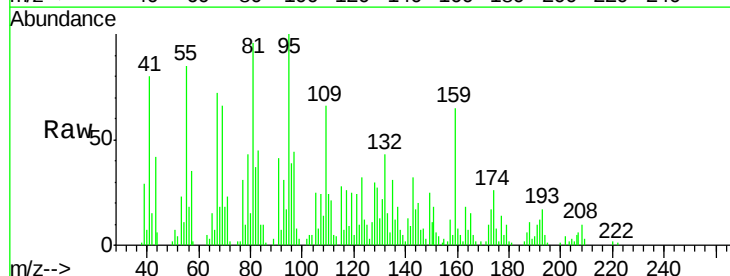
Instrument :
MSVOA_N
ClientSampled :

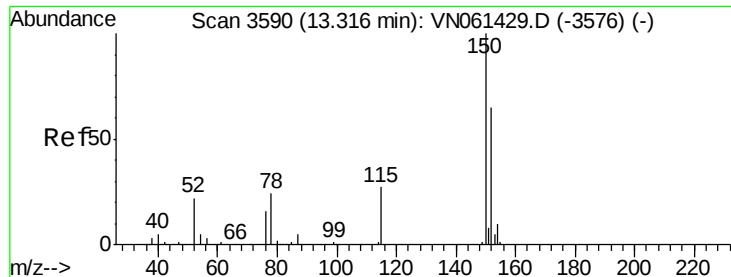
Tot Ion:106 Resp: 30522
Ion Ratio Lower Upper
106 100
91 219.2 107.9 323.7



#71
Bromoform
Concen: 2.215 ug/l
RT: 12.09 min Scan# 3210
Delta R.T. -0.01 min
Lab File: VN061486.D
Acq: 19 May 2020 16:20

Tgt Ion:173 Resp: 630
Ion Ratio Lower Upper
173 100
175 79.7 23.9 71.8#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061486.D

Acq: 19 May 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

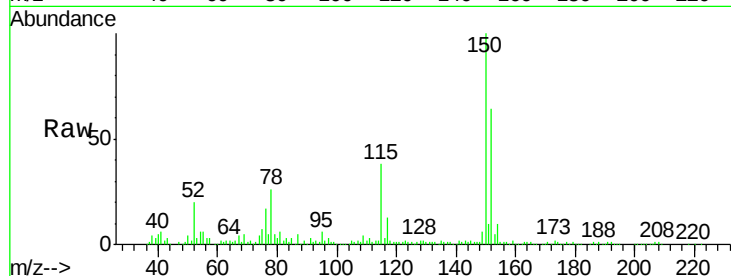
Tot Ion:152 Resp: 274621

Ion Ratio Lower Upper

152 100

115 60.7 30.9 92.5

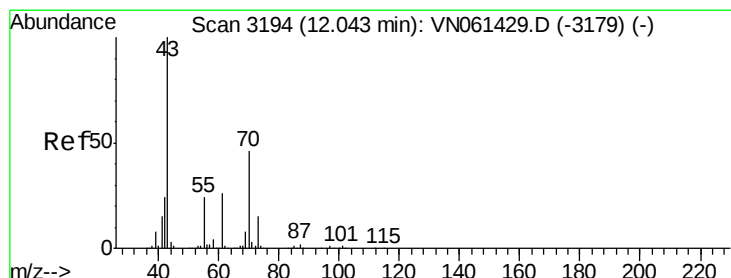
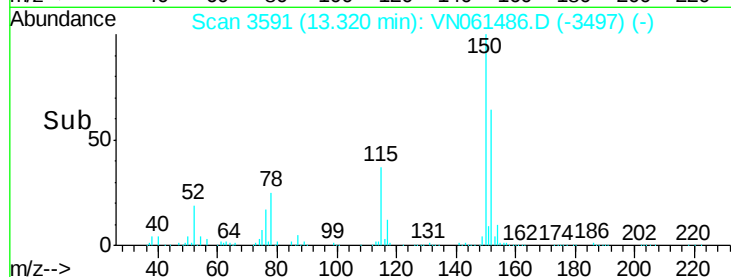
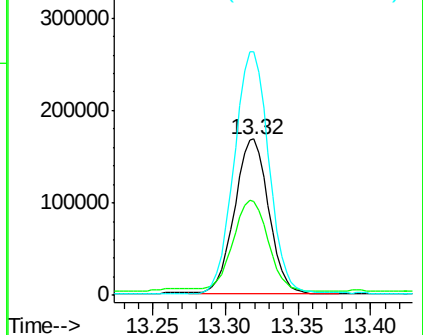
150 159.4 0.0 349.2



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



#74

N-ethyl acetate

Concen: 0.528 ug/l

RT: 12.02 min Scan# 3187

Delta R.T. -0.02 min

Lab File: VN061486.D

Acq: 19 May 2020 16:20

Tgt Ion: 43 Resp: 4263

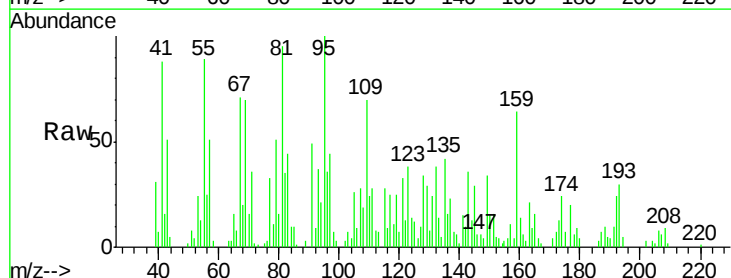
Ion Ratio Lower Upper

43 100

70 0.0 37.0 55.4#

55 0.0 19.5 29.3#

61 0.0 20.8 31.2#

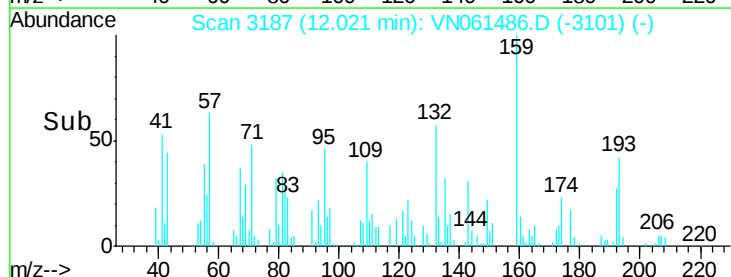
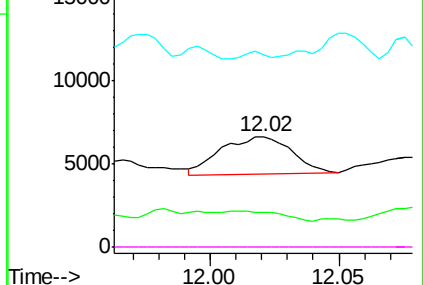


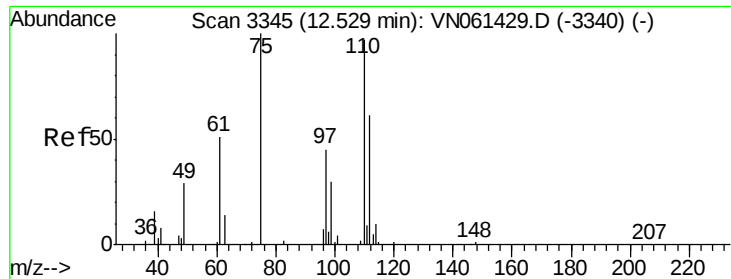
Abundance Ion 43.00 (42.70 to 43.70): VN0

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

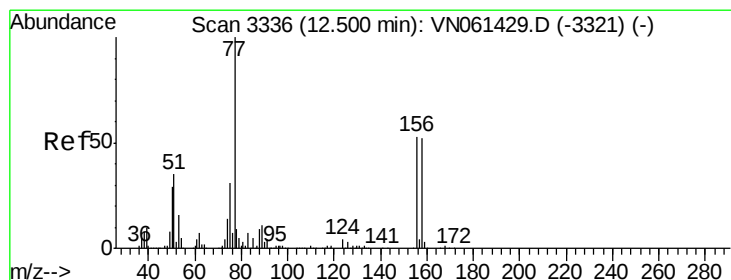
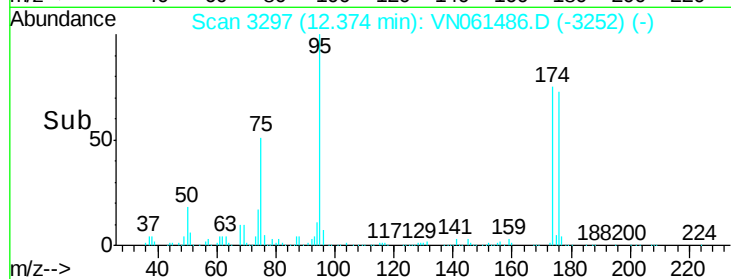
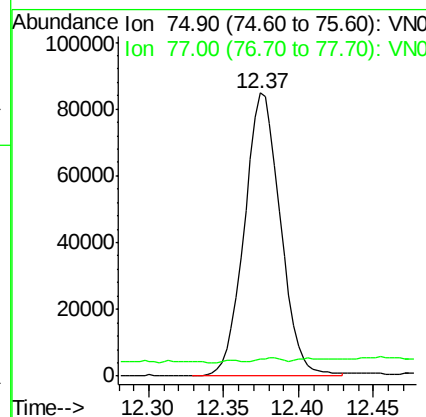
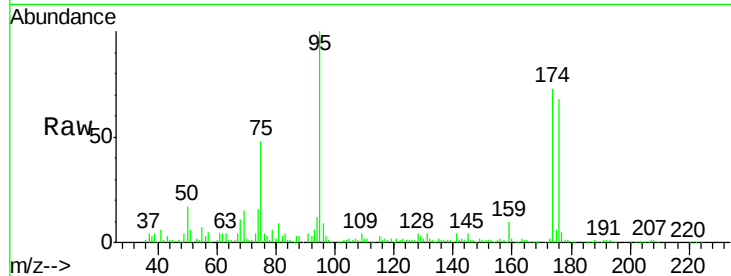




#76
 1,2,3-Trichloropropane
 Concen: 23.971 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.15 min
 Lab File: VN061486.D
 Acq: 19 May 2020 16:20

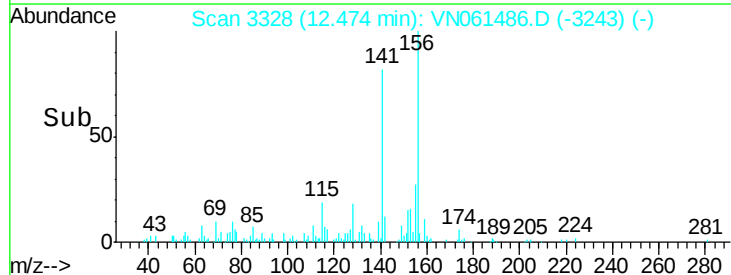
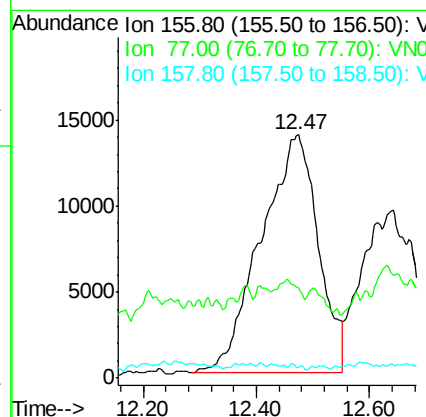
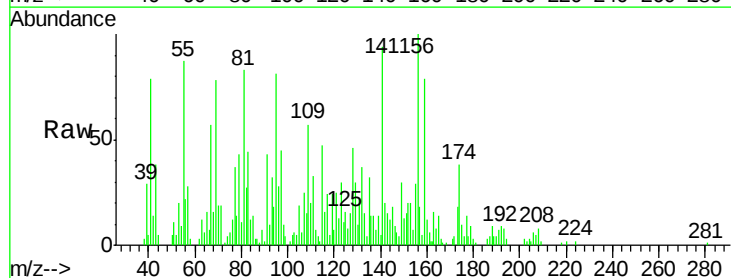
Instrument :
 MSVOA_N
 ClientSampled :

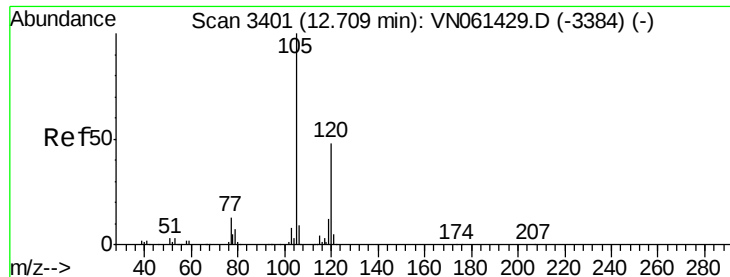
Tot Ion: 75 Resp: 141251
 Ion Ratio Lower Upper
 75 100
 77 0.7 0.0 0.0#



#77
 Bromobenzene
 Concen: 20.345 ug/l
 RT: 12.47 min Scan# 3328
 Delta R.T. -0.03 min
 Lab File: VN061486.D
 Acq: 19 May 2020 16:20

Tgt Ion: 156 Resp: 97342
 Ion Ratio Lower Upper
 156 100
 77 0.0 112.3 336.9#
 158 0.1 47.9 143.6#

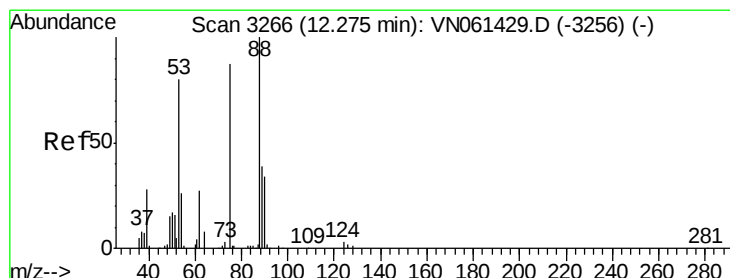
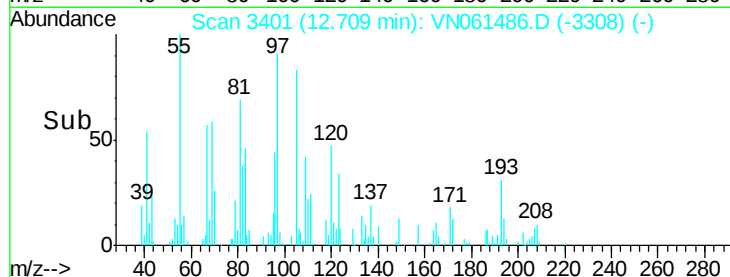
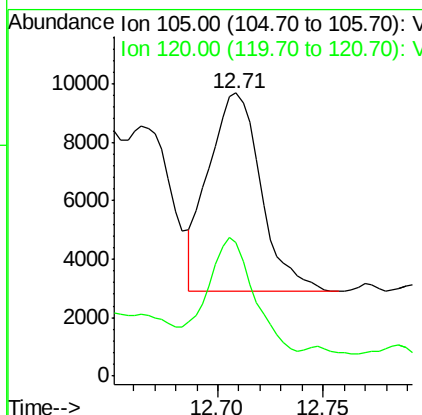
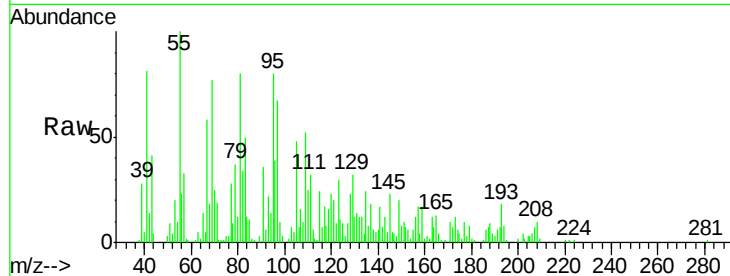




#80
 1,3,5-Trimethylbenzene
 Concen: 0.646 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061486.D
 Acq: 19 May 2020 16:20

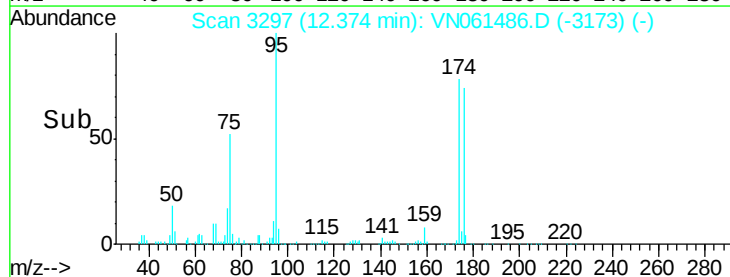
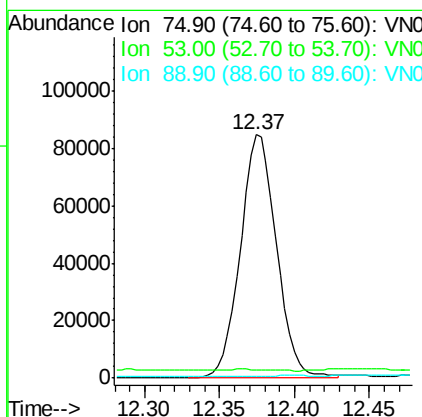
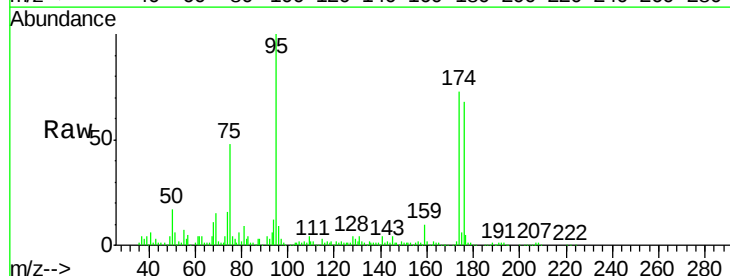
Instrument :
 MSVOA_N
 ClientSampled :

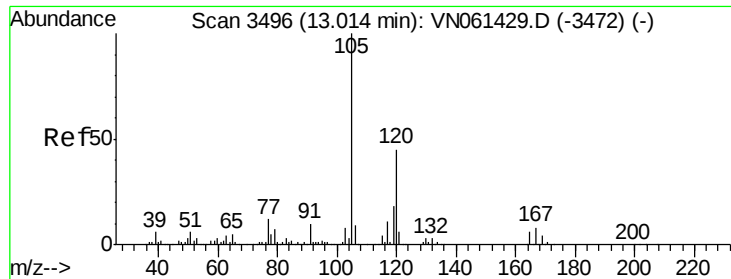
Tot Ion:105 Resp: 11670
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.589 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. 0.10 min
 Lab File: VN061486.D
 Acq: 19 May 2020 16:20

Tgt Ion: 75 Resp: 141251
 Ion Ratio Lower Upper
 75 100
 53 0.4 75.2 112.8#
 89 0.2 38.2 57.4#

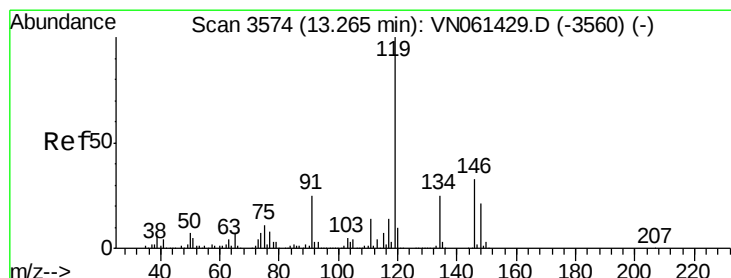
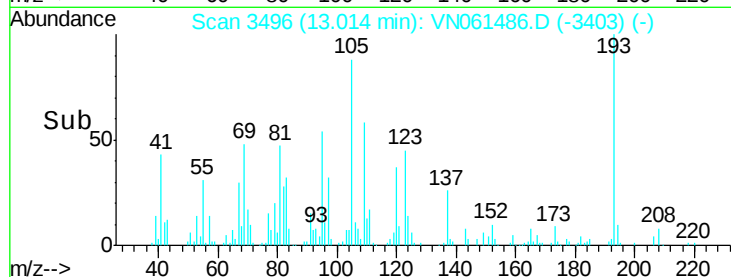
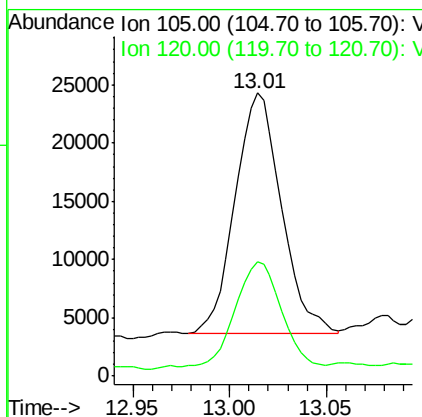
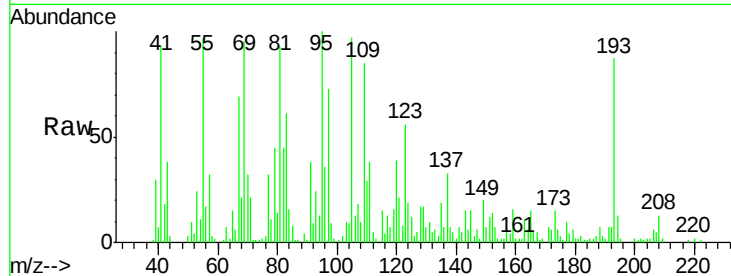




#84
 1,2,4-Trimethylbenzene
 Concen: 1.913 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061486.D
 Acq: 19 May 2020 16:20

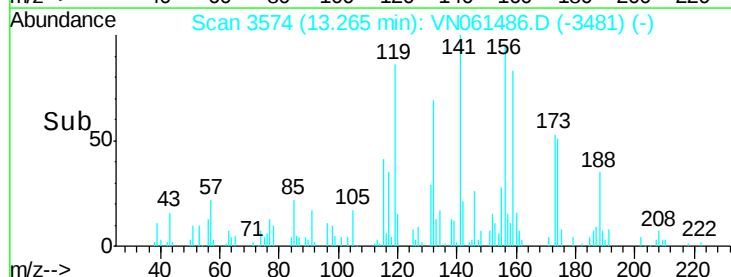
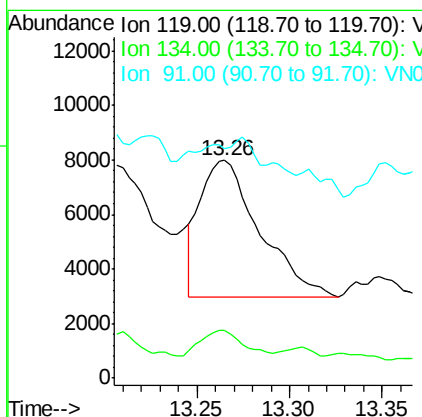
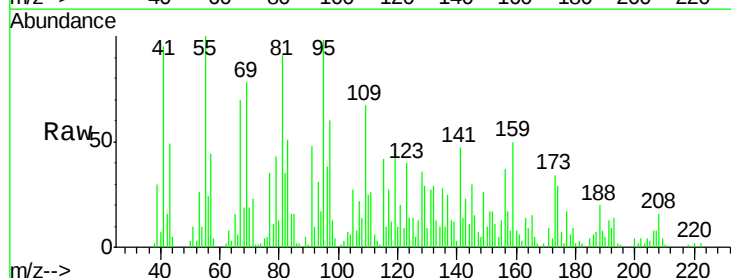
Instrument :
 MSVOA_N
 ClientSampled :

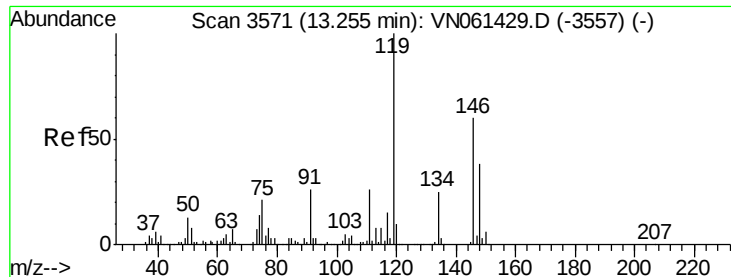
Tot Ion:105 Resp: 34560
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.4 67.3



#86
 p-Isopropyltoluene
 Concen: 0.599 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN061486.D
 Acq: 19 May 2020 16:20

Tgt Ion:119 Resp: 11130
 Ion Ratio Lower Upper
 119 100
 134 17.5 12.7 38.1
 91 6.5 12.6 37.6#





#87

1,3-Dichlorobenzene

Concen: 0.293 ug/l

RT: 13.27 min Scan# 3575

Delta R.T. 0.01 min

Lab File: VN061486.D

Acq: 19 May 2020 16:20

Instrument :

MSVOA_N

ClientSampled :

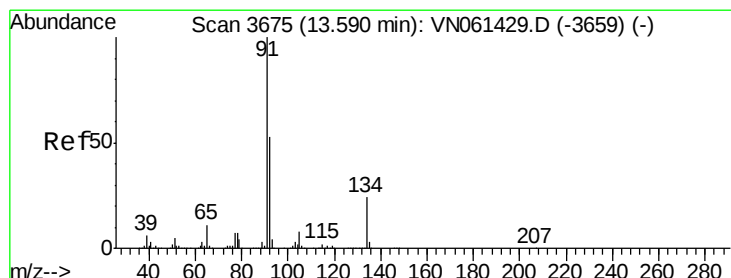
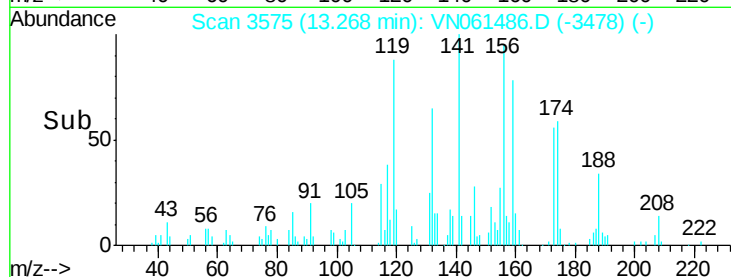
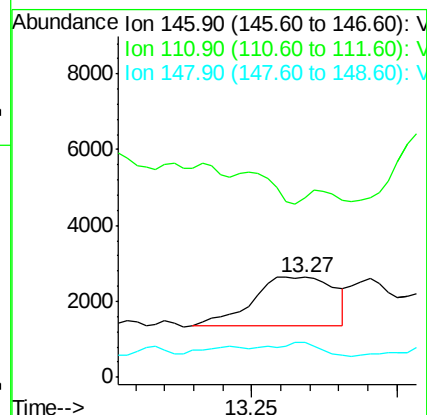
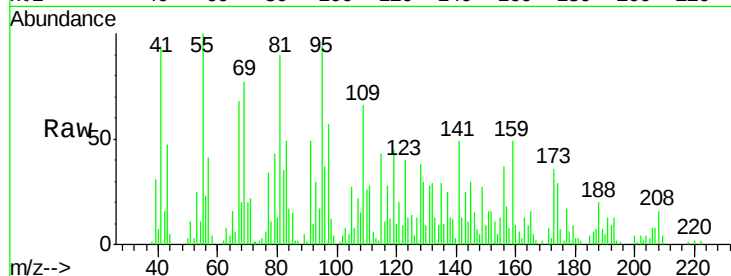
Tot Ion:146 Resp: 2566

Ion Ratio Lower Upper

146 100

111 10.2 21.5 64.5#

148 11.1 31.8 95.3#



#89

n-Butylbenzene

Concen: 0.420 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061486.D

Acq: 19 May 2020 16:20

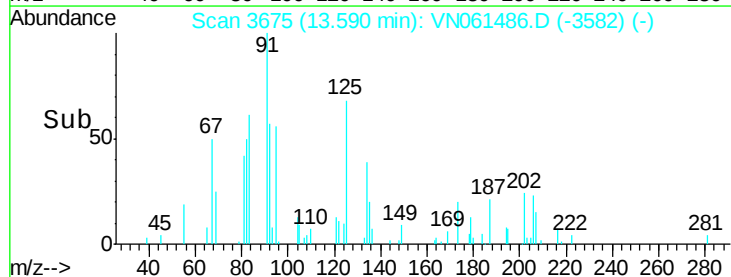
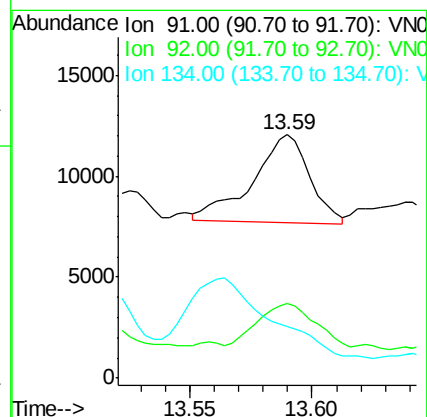
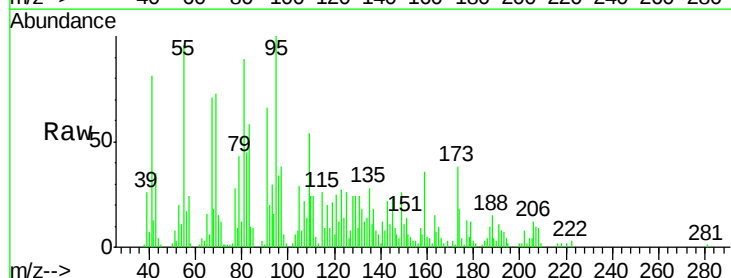
Tgt Ion: 91 Resp: 7081

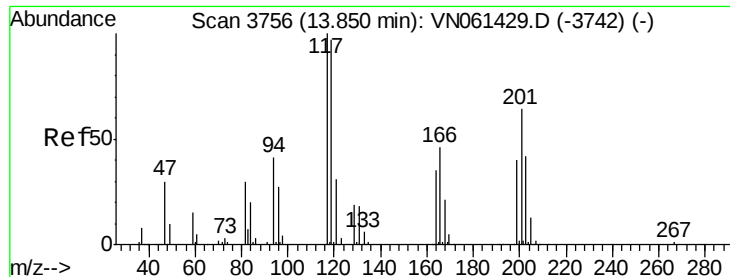
Ion Ratio Lower Upper

91 100

92 56.2 26.8 80.3

134 0.0 12.4 37.4#





#90

Hexachloroethane

Concen: 1.018 ug/l

RT: 13.86 min Scan# 3758

Delta R.T. 0.01 min

Lab File: VN061486.D

Acq: 19 May 2020 16:20

Instrument :

MSVOA_N

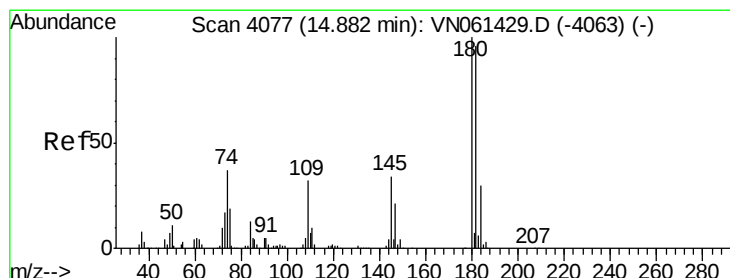
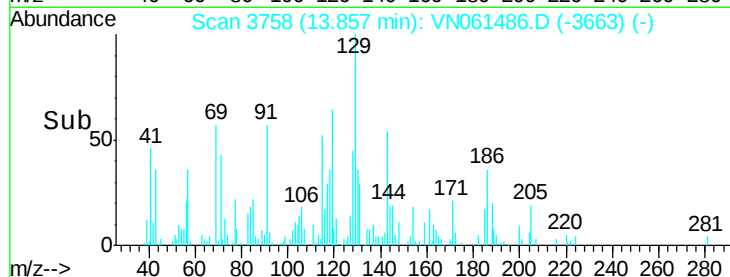
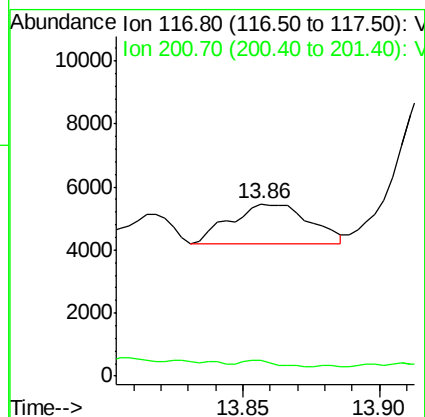
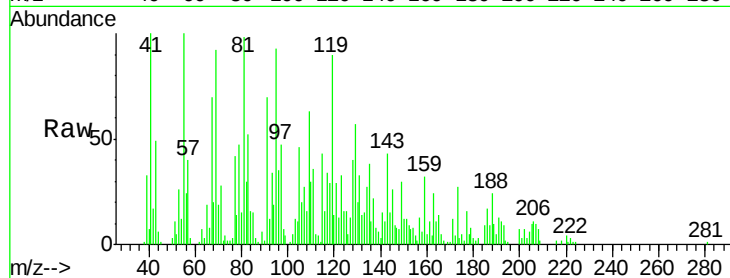
ClientSampled :

Tot Ion:117 Resp: 2561

Ion Ratio Lower Upper

117 100

201 5.8 32.9 98.7#



#93

1,2,4-Trichlorobenzene

Concen: 0.263 ug/l

RT: 14.88 min Scan# 4077

Delta R.T. 0.00 min

Lab File: VN061486.D

Acq: 19 May 2020 16:20

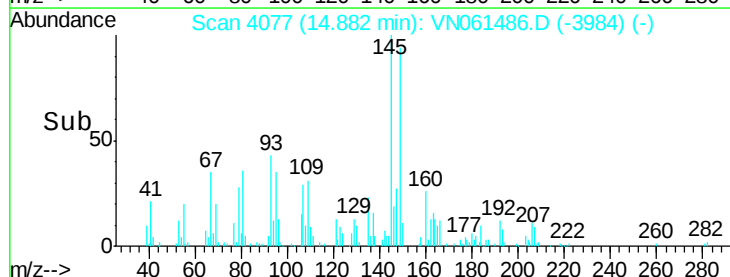
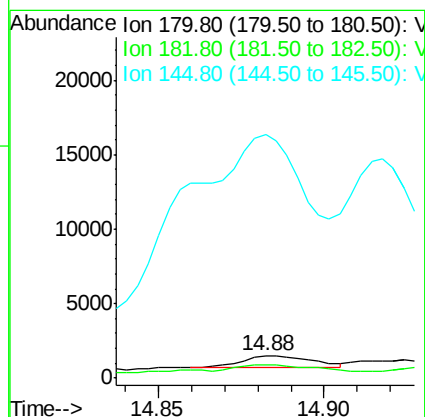
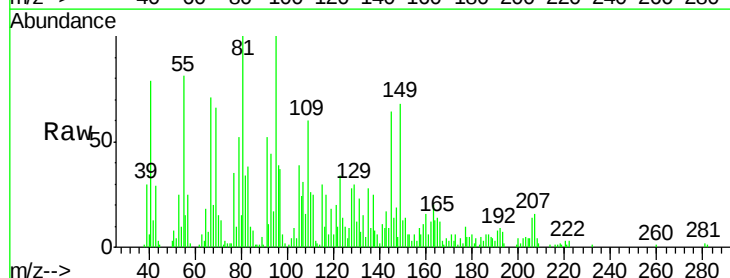
Tgt Ion:180 Resp: 1197

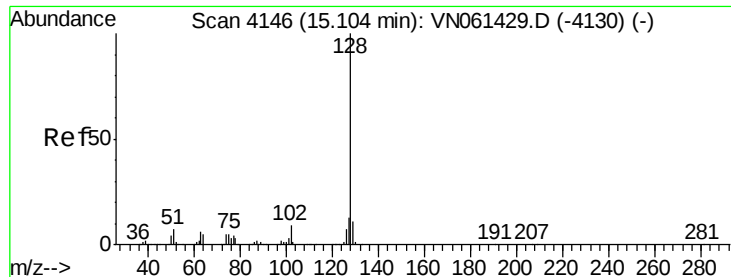
Ion Ratio Lower Upper

180 100

182 69.3 47.0 141.0

145 2593.5 16.7 50.0#





#95

Naphthalene

Concen: 1.810 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061486.D

Acq: 19 May 2020 16:20

Instrument :

MSVOA_N

ClientSampled :

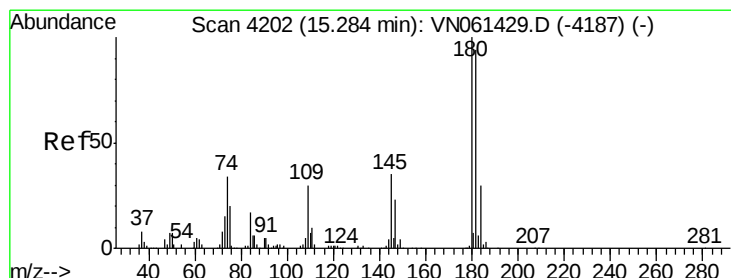
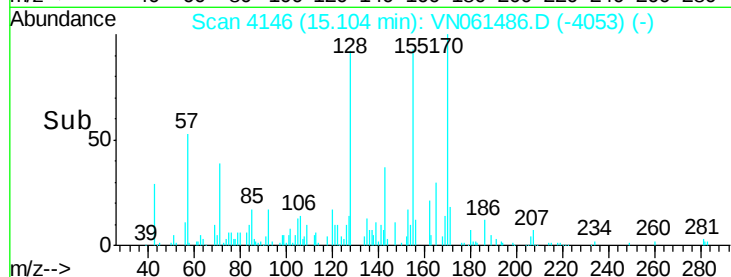
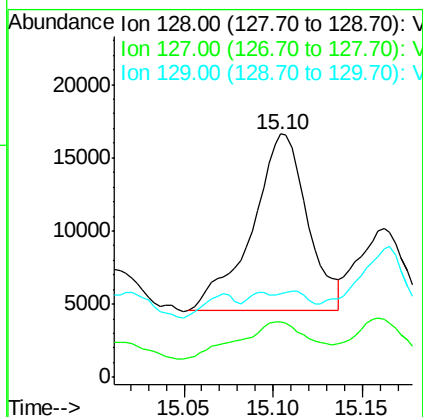
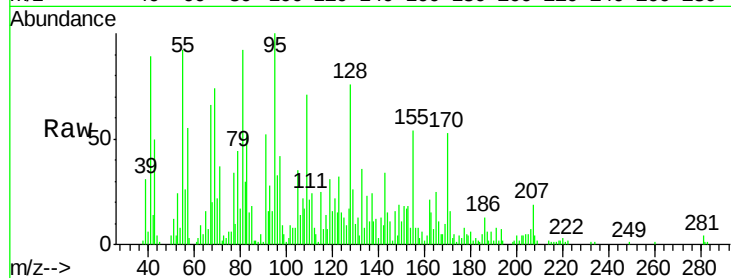
Tot Ion:128 Resp: 26201

Ion Ratio Lower Upper

128 100

127 26.6 10.1 15.1#

129 2.6 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 2.174 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. 0.02 min

Lab File: VN061486.D

Acq: 19 May 2020 16:20

Tgt Ion:180 Resp: 9855

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.3#

145 0.0 17.3 51.9#

