

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061440.D
 Acq On : 18 May 2020 17:27
 Operator : JC/MD
 Sample : L2679-06MEDL 10X
 Misc : 5.94g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 19 03:30:38 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	294001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	542101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	533161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	256974	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	208314	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
35) Dibromofluoromethane	7.55	113	154710	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	
50) Toluene-d8	10.06	98	689990	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.38	95	267943	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.04	50	1497	0.375	ug/l	96
5) Bromomethane	2.54	94	1248	Below Cal	#	36
10) Methyl Iodide	3.91	142	1164	0.333	ug/l #	57
11) Tert butyl alcohol	4.72	59	102	0.202	ug/l #	73
13) Acrolein	3.54	56	31	Below Cal	#	16
16) Acetone	3.77	43	1273	Below Cal		89
17) Carbon Disulfide	4.01	76	1560	Below Cal	#	75
18) Methyl Acetate	4.27	43	297	Below Cal	#	49
31) Cyclohexane	7.63	56	9358	Below Cal	#	18
36) 1,1-Dichloropropene	7.63	75	24709	4.875	ug/l #	50
38) Carbon Tetrachloride	7.63	117	31419	6.732	ug/l #	16
39) Methylcyclohexane	9.05	83	13148	2.124	ug/l	96
49) 1,4-Dioxane	9.18	88	194	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.06	43	3656	0.837	ug/l #	1
55) 1,1,2-Trichloroethane	10.50	97	5540	1.494	ug/l #	22
56) Ethyl methacrylate	10.40	69	1625	0.280	ug/l #	20
59) 2-Hexanone	10.69	43	9009	2.851	ug/l #	27
71) Bromoform	12.08	173	335	2.126	ug/l #	29
73) Isopropylbenzene	12.22	105	14659	0.711	ug/l	86
74) N-amyl acetate	12.02	43	12275	1.626	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.43	83	1345	0.237	ug/l #	63
76) 1,2,3-Trichloropropane	12.38	75	148334	26.901	ug/l #	100
77) Bromobenzene	12.48	156	287640	64.247	ug/l #	1
78) n-propylbenzene	12.57	91	28668	1.220	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	148334	71.363	ug/l #	12
85) sec-Butylbenzene	13.15	105	40501	2.070	ug/l	86
86) p-Isopropyltoluene	13.42	119	8945	0.515	ug/l	86
89) n-Butylbenzene	13.59	91	35992	2.280	ug/l #	80
90) Hexachloroethane	13.86	117	12851	5.458	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	14.26	75	784	0.684	ug/l #	29
93) 1,2,4-Trichlorobenzene	14.89	180	1553	0.364	ug/l #	1
95) Naphthalene	15.10	128	91965	6.788	ug/l #	88

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 19 03:30:38 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

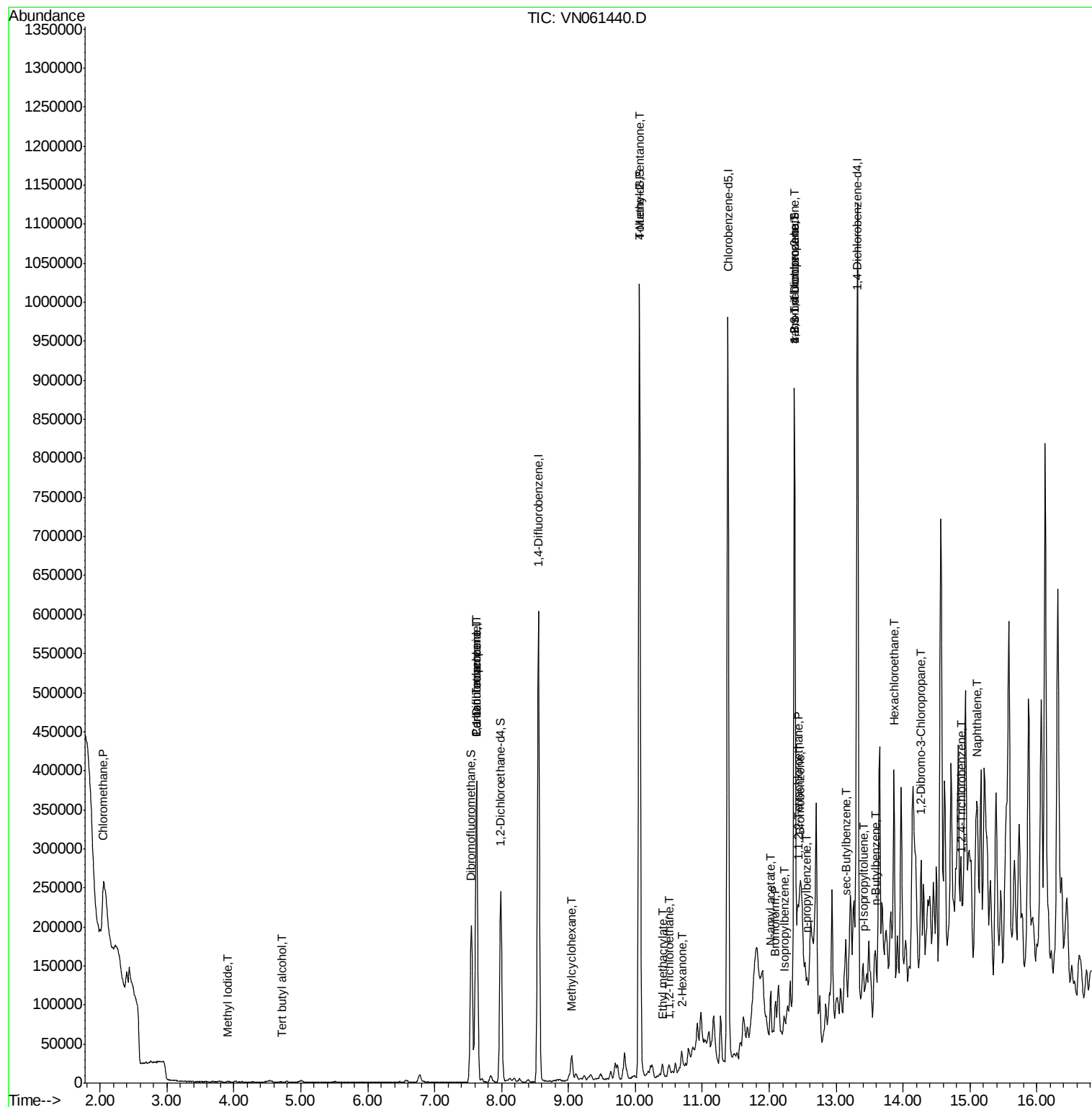
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

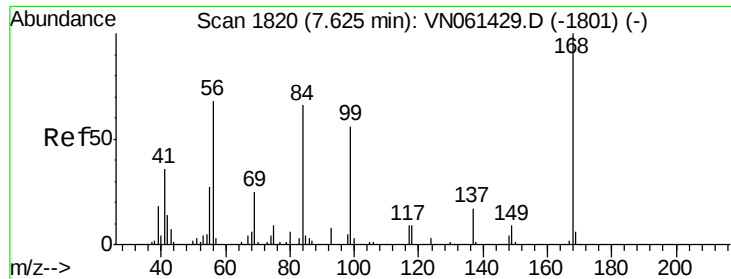
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051820\
Data File : VN061440.D
Acq On : 18 May 2020 17:27
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Sample : L2679-06MEDL 10X
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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: VN061440.D

Acq: 18 May 2020 17:27

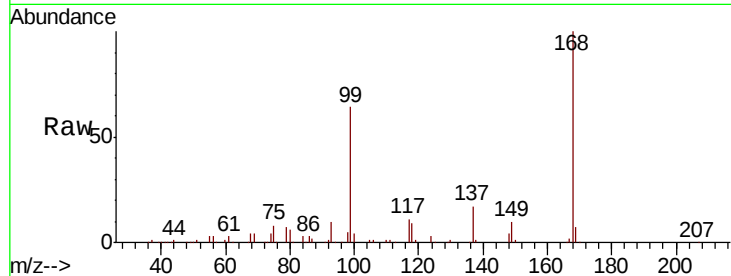
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 294001

Ion Ratio Lower Upper

168 100

99 64.3 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

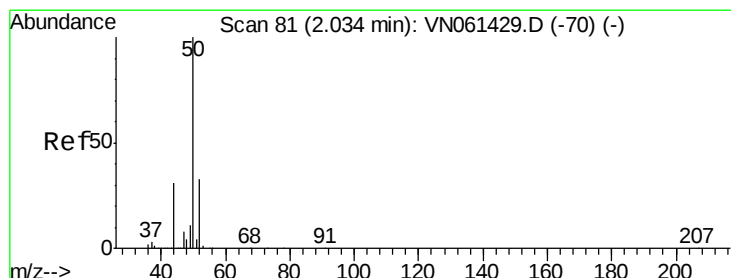
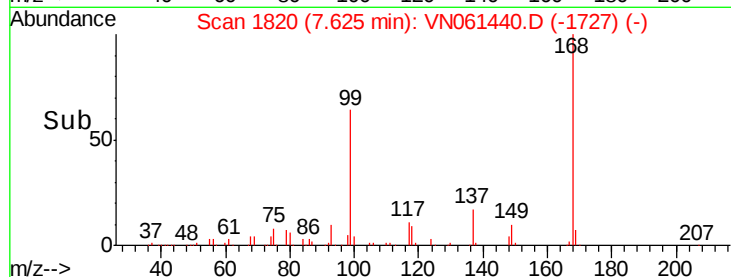
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.375 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN061440.D

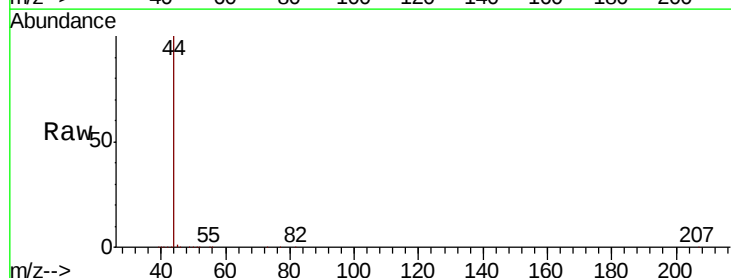
Acq: 18 May 2020 17:27

Tgt Ion: 50 Resp: 1497

Ion Ratio Lower Upper

50 100

52 31.3 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

1000

800

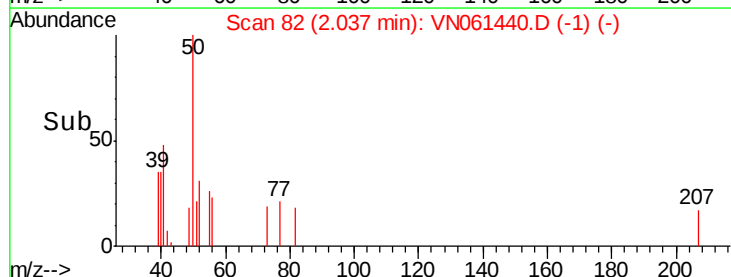
600

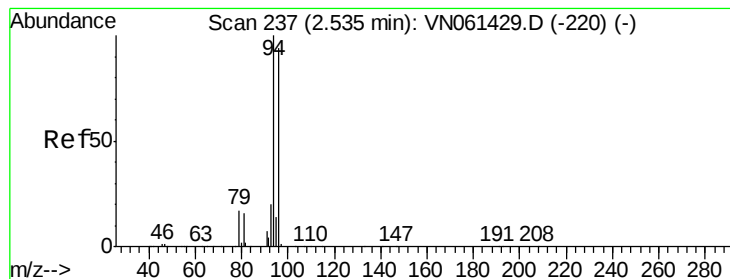
400

200

0

Time--> 2.00 2.05 2.10





#5

Bromomethane

Concen: Below Cal

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

Instrument :

MSVOA_N

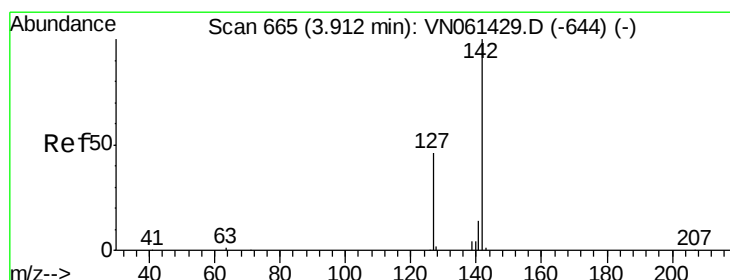
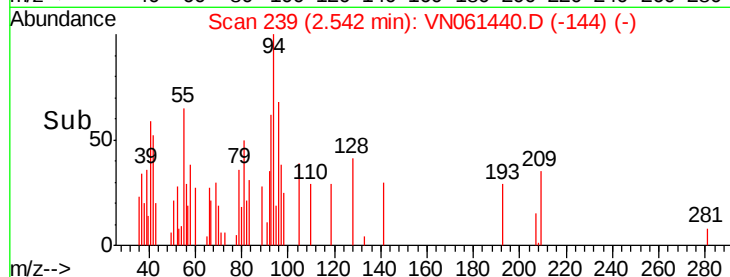
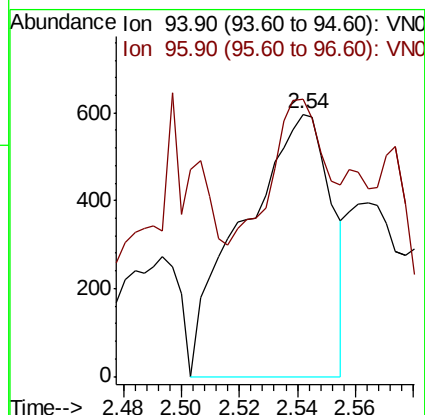
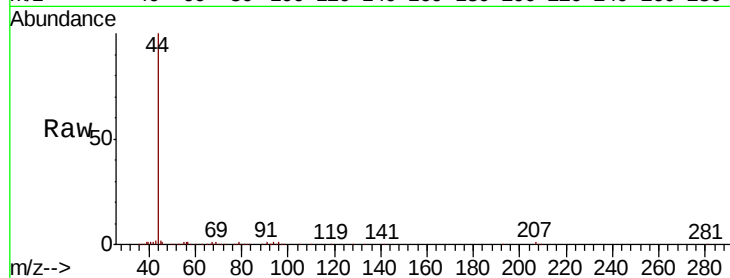
ClientSampled :

Tot Ion: 94 Resp: 1248

Ion Ratio Lower Upper

94 100

96 32.3 74.9 112.3#



#10

Methyl Iodide

Concen: 0.333 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

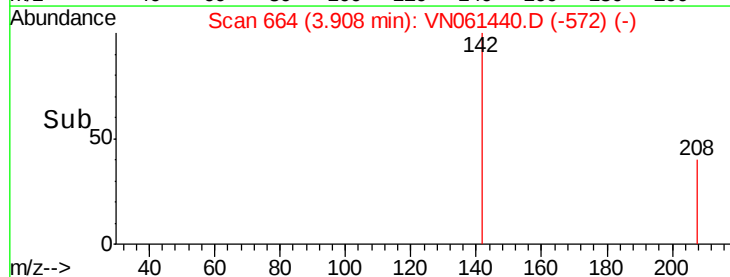
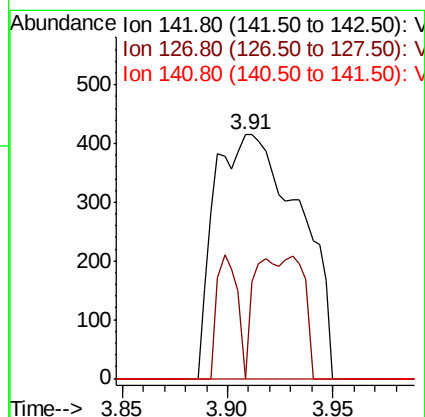
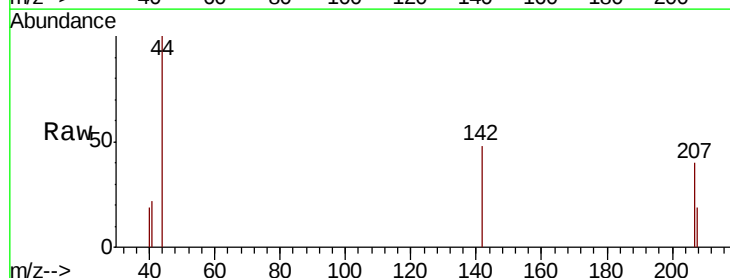
Tgt Ion: 142 Resp: 1164

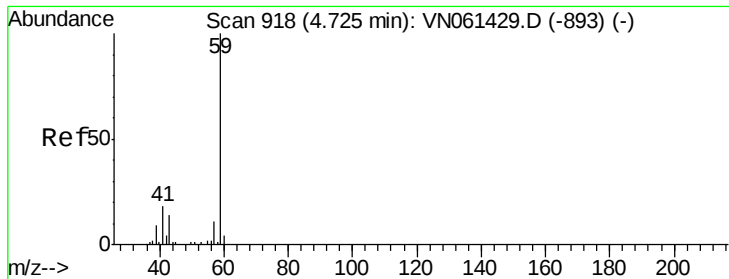
Ion Ratio Lower Upper

142 100

127 15.7 36.7 55.1#

141 0.0 11.5 17.3#

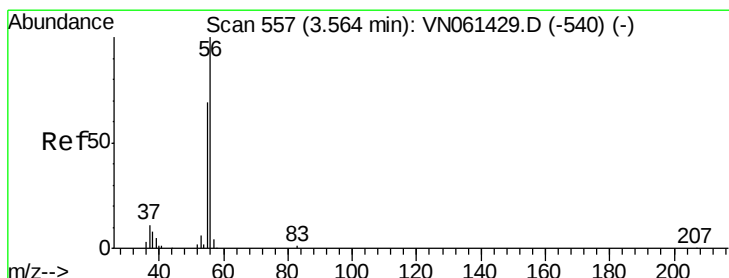
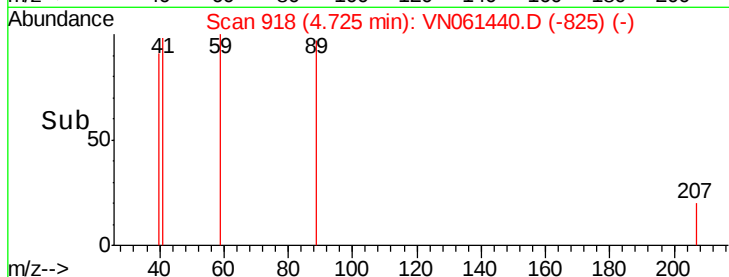
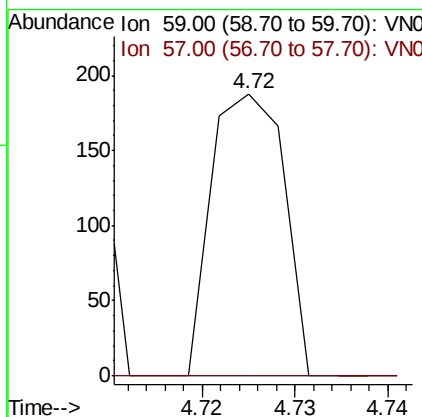
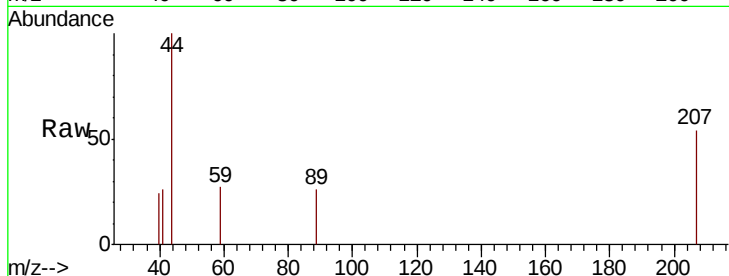




#11
Tert butyl alcohol
Concen: 0.202 ug/l
RT: 4.72 min Scan# 918
Delta R.T. -0.00 min
Lab File: VN061440.D
Acq: 18 May 2020 17:27

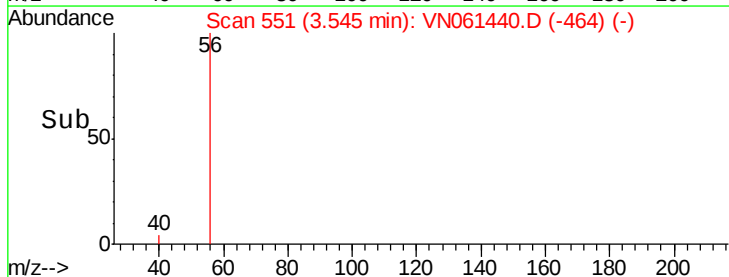
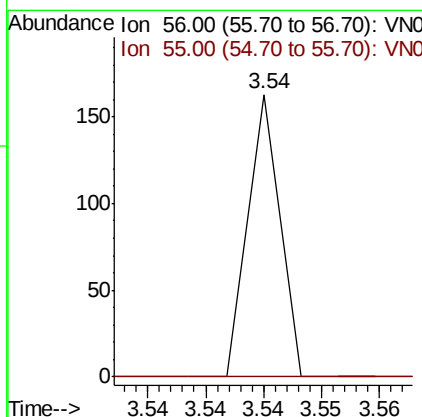
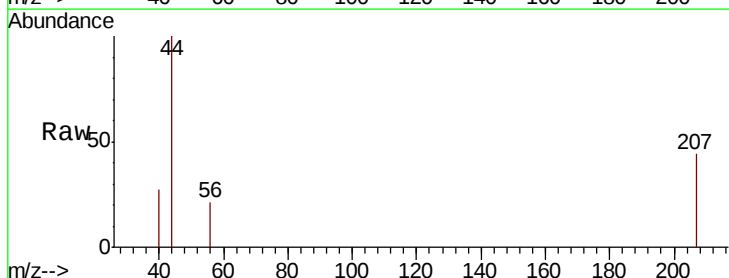
Instrument :
MSVOA_N
ClientSampleId :

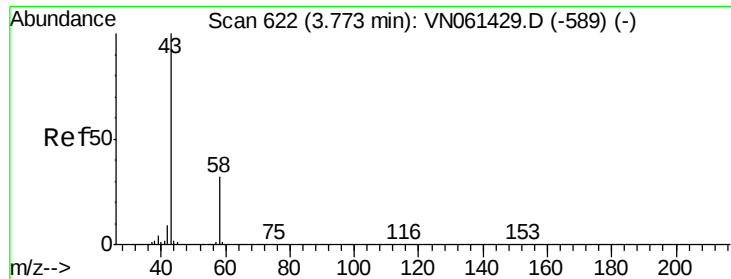
Tot Ion: 59 Resp: 102
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: Below Cal
RT: 3.54 min Scan# 551
Delta R.T. -0.02 min
Lab File: VN061440.D
Acq: 18 May 2020 17:27

Tgt Ion: 56 Resp: 31
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#





#16

Acetone

Concen: Below Cal

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

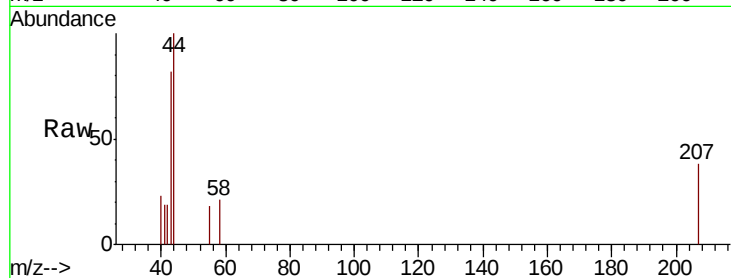
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1273

Ion Ratio Lower Upper

43 100

58 26.0 25.6 38.4

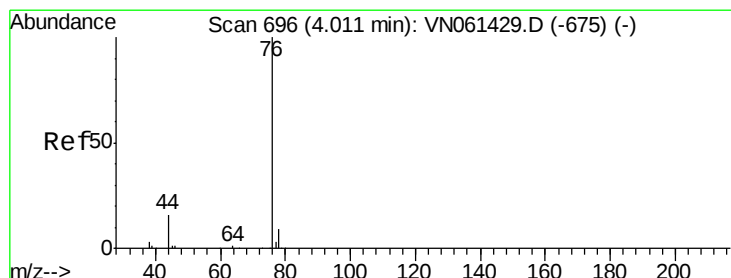
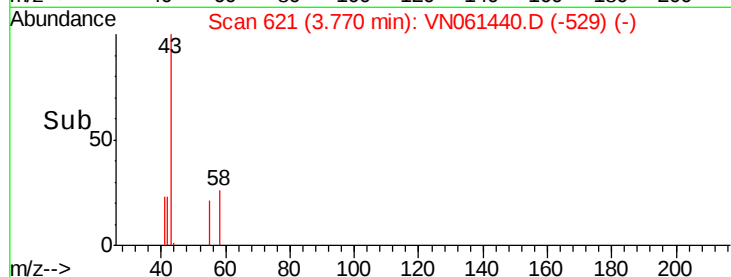


Abundance Ion 43.00 (42.70 to 43.70): VN061440.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN061440.D (-529) (-)

3.77

Time--> 3.70 3.75 3.80



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN061440.D

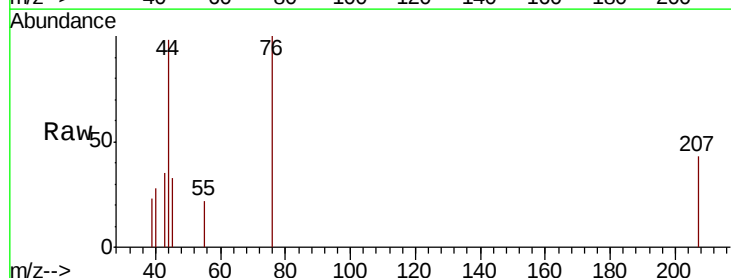
Acq: 18 May 2020 17:27

Tgt Ion: 76 Resp: 1560

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

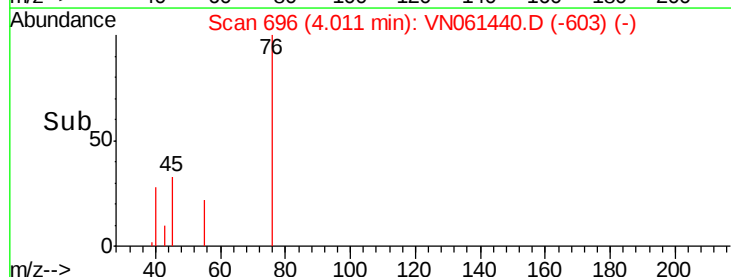


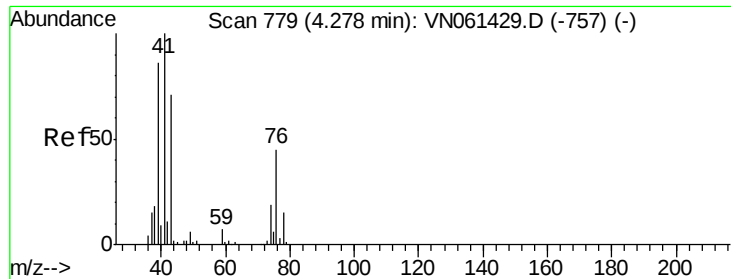
Abundance Ion 75.90 (75.60 to 76.60): VN061440.D (-603) (-)

Ion 77.90 (77.60 to 78.60): VN061440.D (-603) (-)

4.01

Time--> 3.95 4.00 4.05

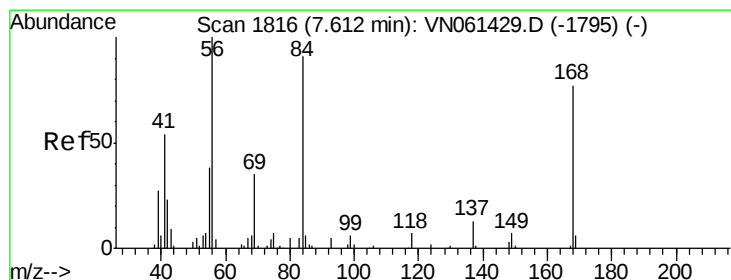
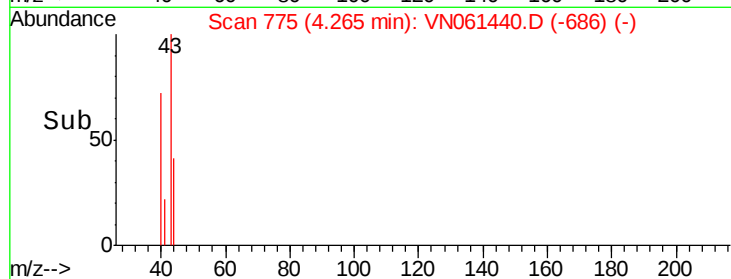
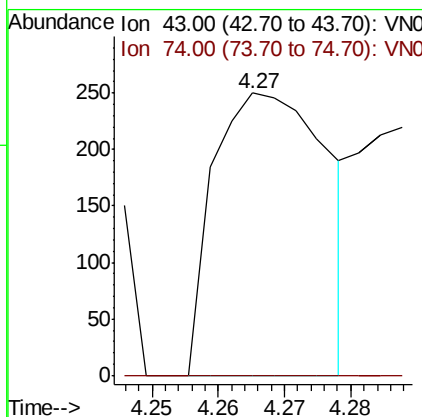
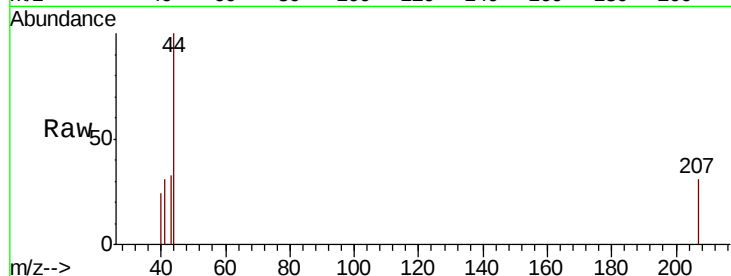




#18
Methyl Acetate
Concen: Below Cal
RT: 4.27 min Scan# 775
Delta R.T. -0.01 min
Lab File: VN061440.D
Acq: 18 May 2020 17:27

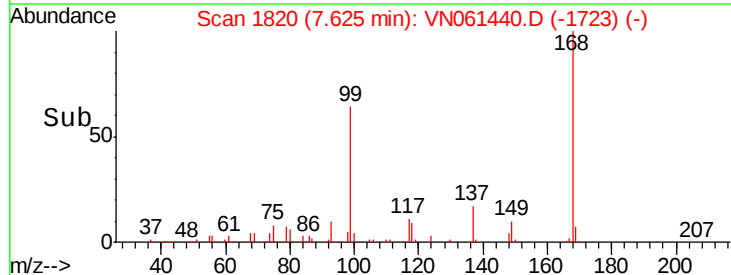
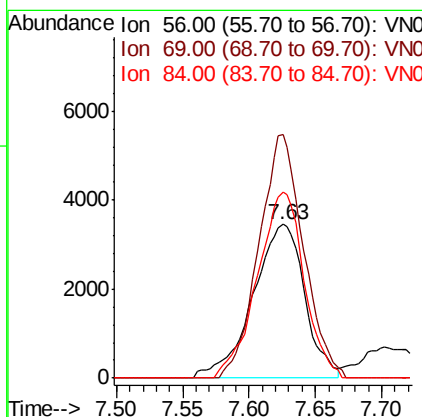
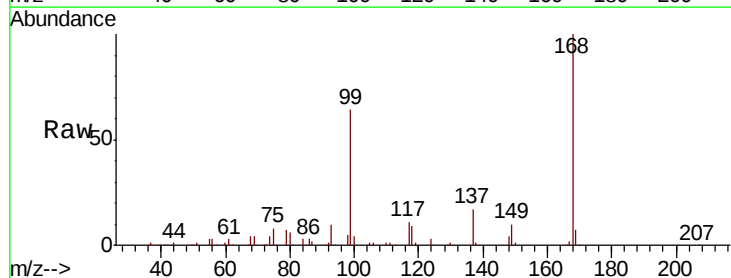
Instrument :
MSVOA_N
ClientSampled :

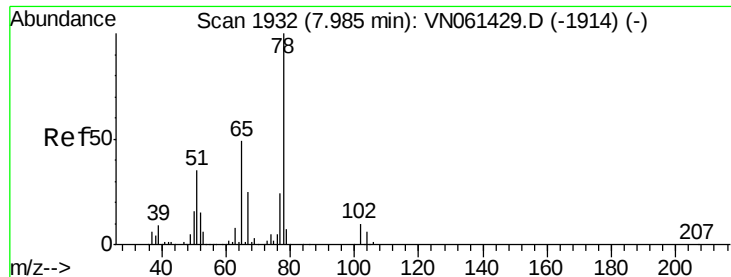
Tot Ion: 43 Resp: 297
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#



#31
Cyclohexane
Concen: Below Cal
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN061440.D
Acq: 18 May 2020 17:27

Tgt Ion: 56 Resp: 9358
Ion Ratio Lower Upper
56 100
69 158.3 27.8 41.6#
84 121.0 72.7 109.1#

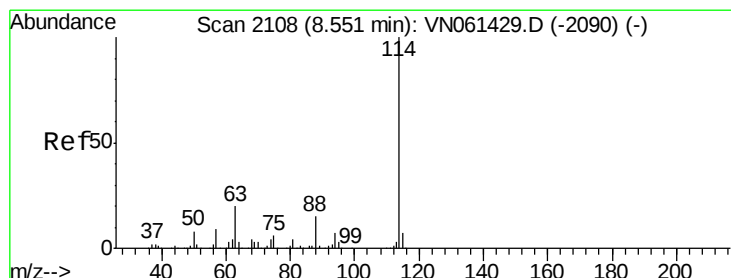
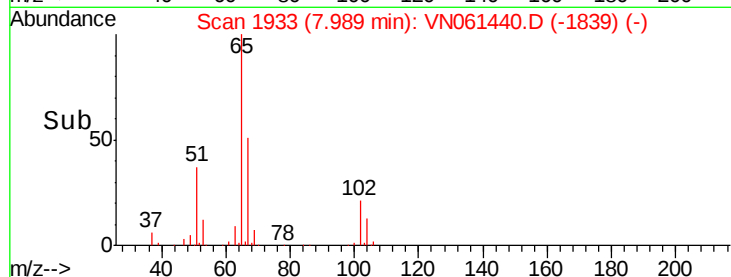
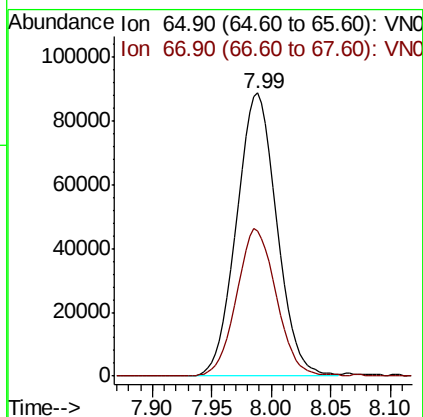
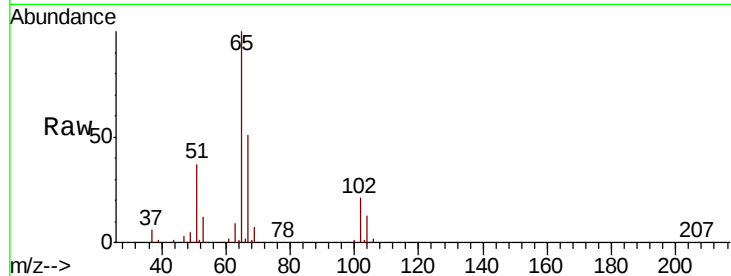




#33
 1,2-Dichloroethane-d4
 Concen: 47.475 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061440.D
 Acq: 18 May 2020 17:27

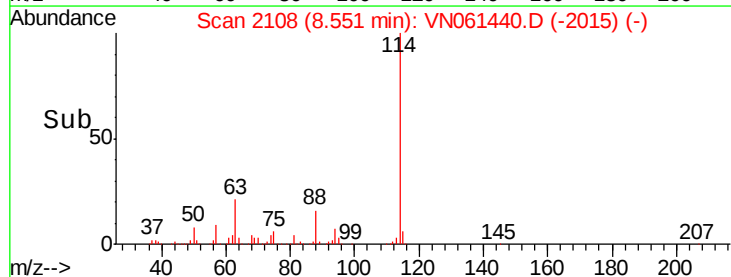
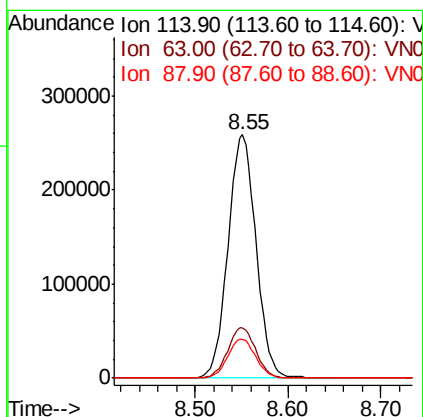
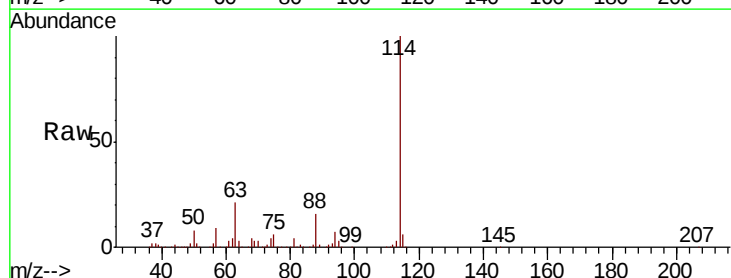
Instrument :
 MSVOA_N
 ClientSampleId :

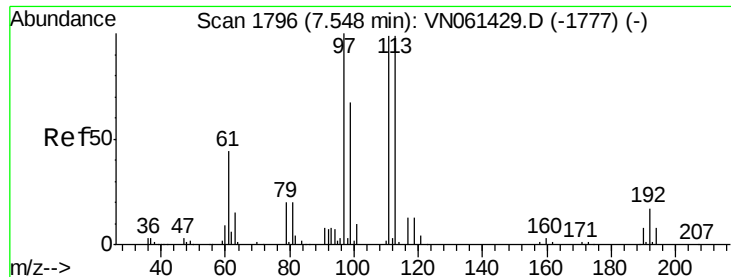
Tot Ion: 65 Resp: 208314
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061440.D
 Acq: 18 May 2020 17:27

Tgt Ion: 114 Resp: 542101
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 16.1 0.0 30.8

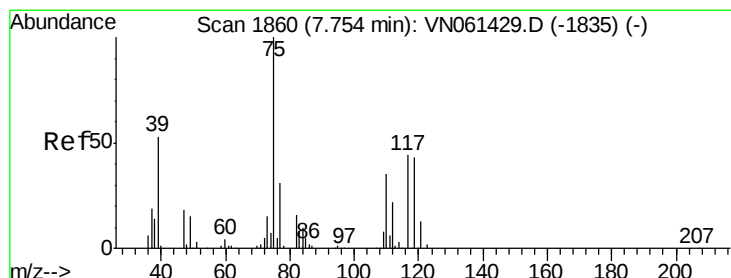
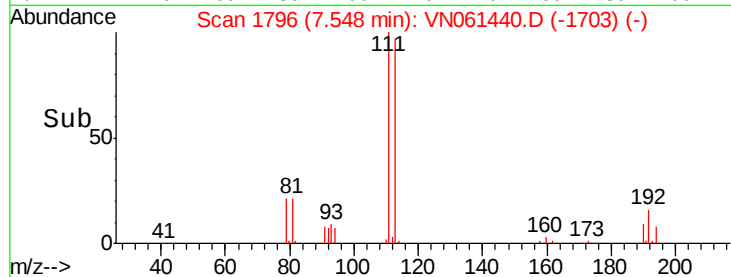
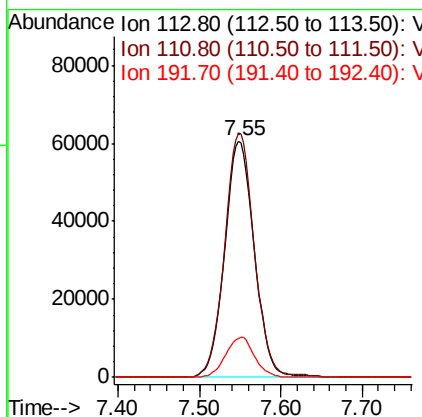
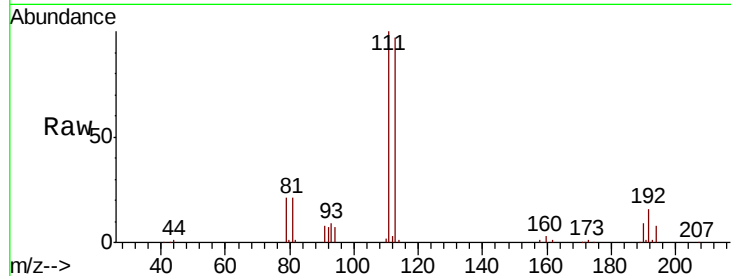




#35
 Dibromofluoromethane
 Concen: 54.477 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061440.D
 Acq: 18 May 2020 17:27

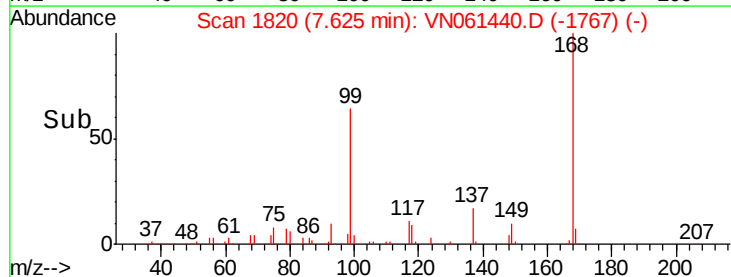
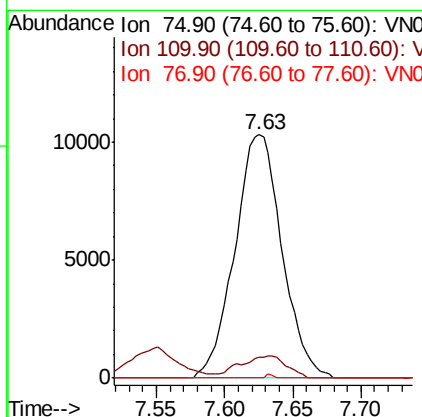
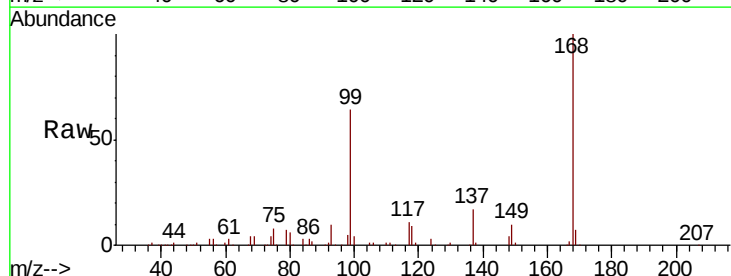
Instrument :
 MSVOA_N
 ClientSampleId :

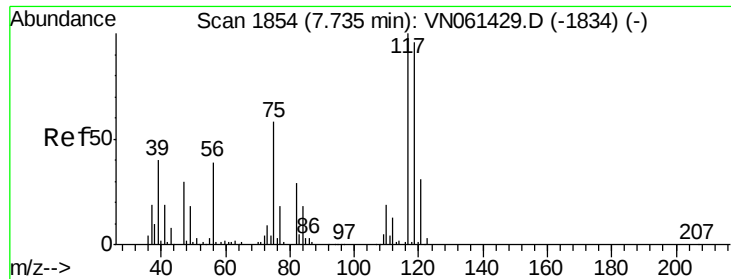
Tot Ion:113 Resp: 154710
 Ion Ratio Lower Upper
 113 100
 111 102.6 80.6 121.0
 192 16.5 13.2 19.8



#36
 1,1-Dichloropropene
 Concen: 4.875 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061440.D
 Acq: 18 May 2020 17:27

Tgt Ion: 75 Resp: 24709
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.3 51.9#
 77 0.2 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.732 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

Instrument :

MSVOA_N

ClientSampled :

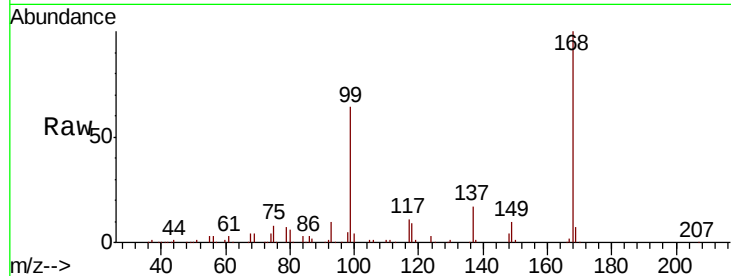
Tot Ion:117 Resp: 31419

Ion Ratio Lower Upper

117 100

119 5.0 77.0 115.6#

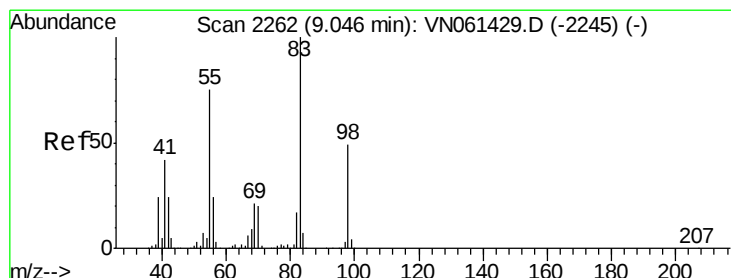
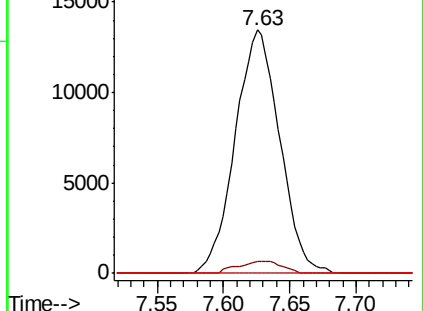
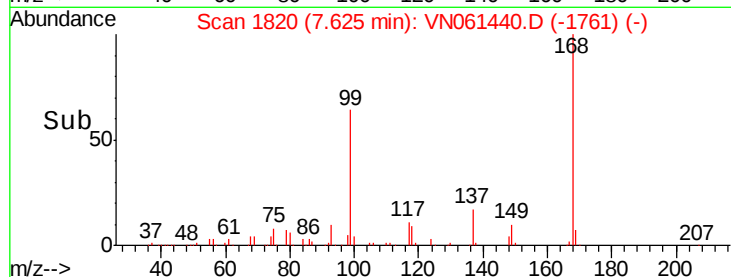
121 0.0 24.7 37.1#



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: 2.124 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

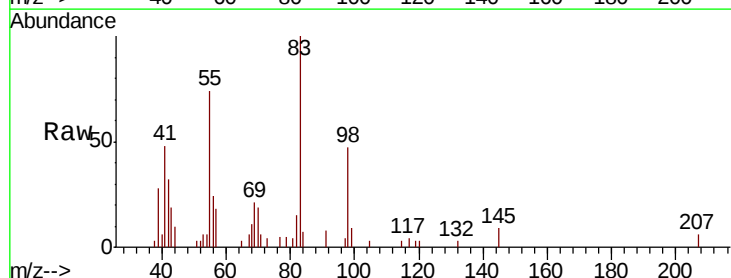
Tgt Ion: 83 Resp: 13148

Ion Ratio Lower Upper

83 100

55 70.5 59.7 89.5

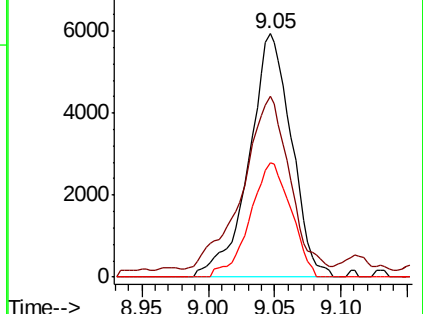
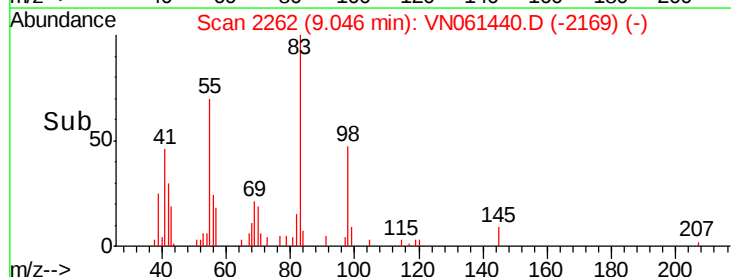
98 47.0 38.9 58.3

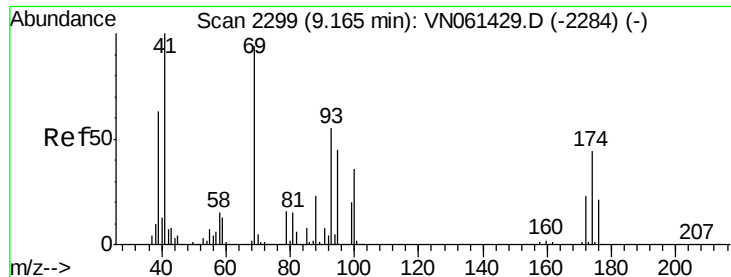


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

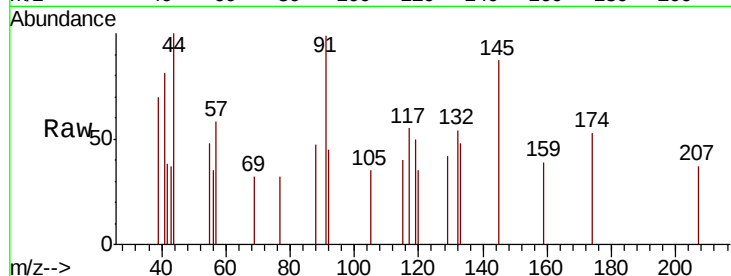




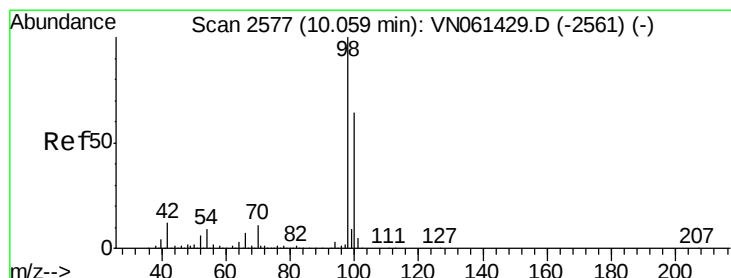
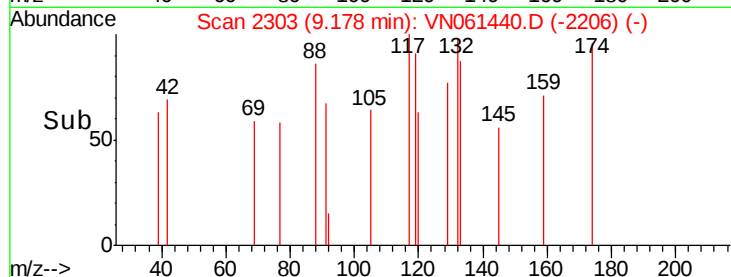
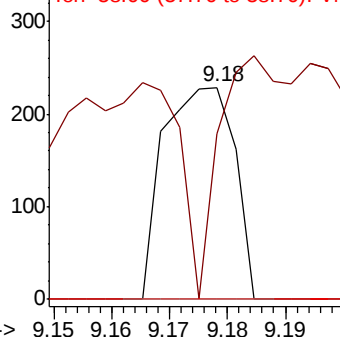
#49
1,4-Dioxane
Concen: Below Cal
RT: 9.18 min Scan# 2303
Delta R.T. 0.01 min
Lab File: VN061440.D
Acq: 18 May 2020 17:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 194
Ion Ratio Lower Upper
88 100
43 114.9 26.3 39.5#
58 0.0 54.1 81.1#

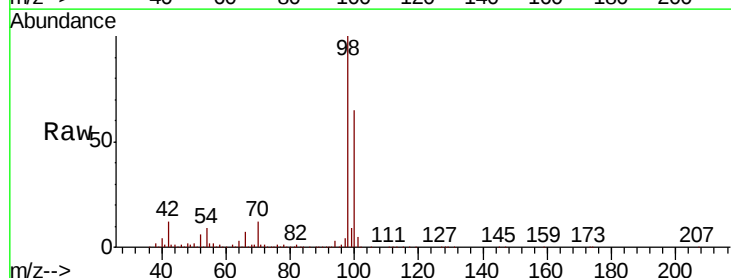


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

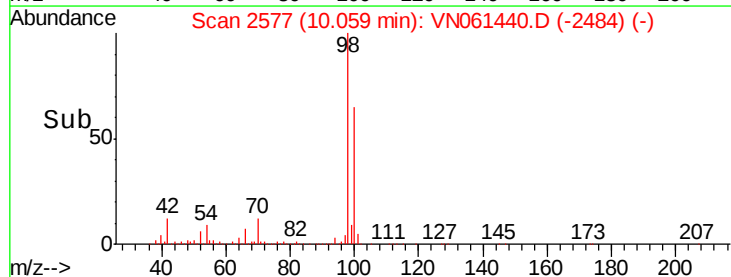
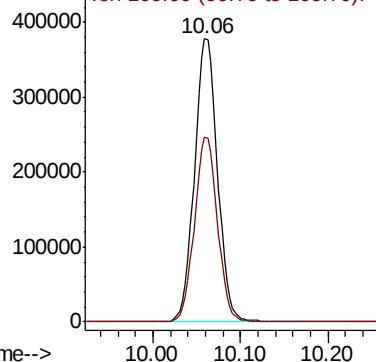


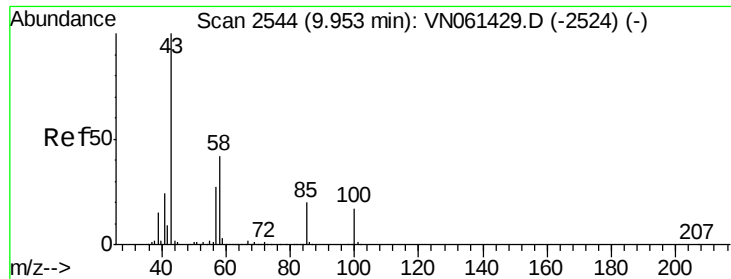
#50
Toluene-d8
Concen: 52.382 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061440.D
Acq: 18 May 2020 17:27

Tgt Ion: 98 Resp: 689990
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.837 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.11 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

Instrument :

MSVOA_N

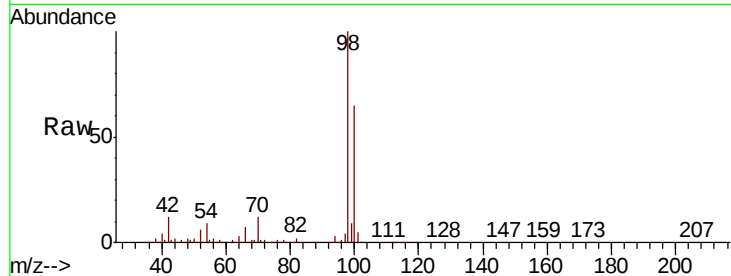
ClientSampleId :

Tot Ion: 43 Resp: 3656

Ion Ratio Lower Upper

43 100

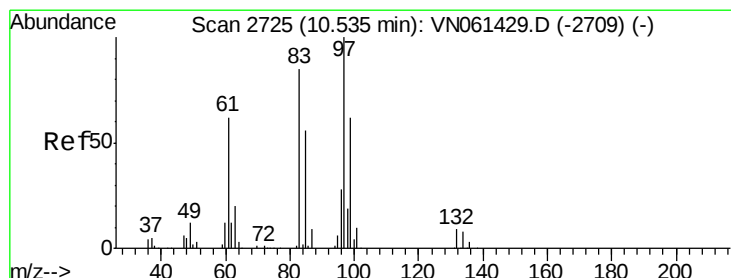
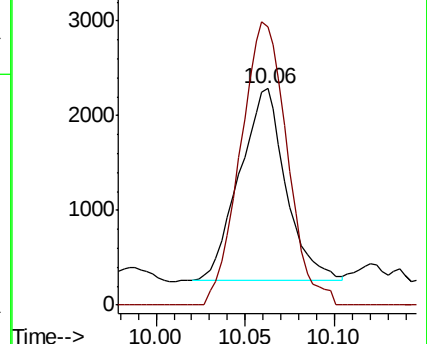
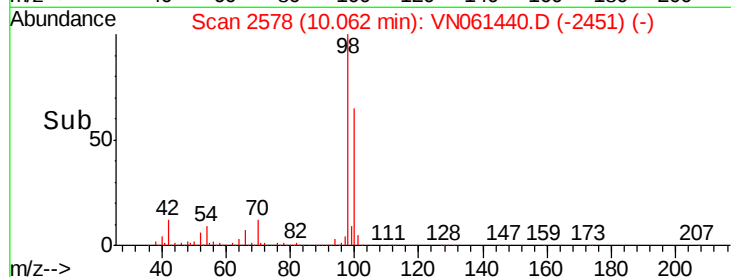
58 149.9 33.4 50.2#



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

Ion 58.00 (57.70 to 58.70): VN061429.D (-2524) (-)

Time-->



#55

1,1,2-Trichloroethane

Concen: 1.494 ug/l

RT: 10.50 min Scan# 2714

Delta R.T. -0.04 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

Tgt Ion: 97 Resp: 5540

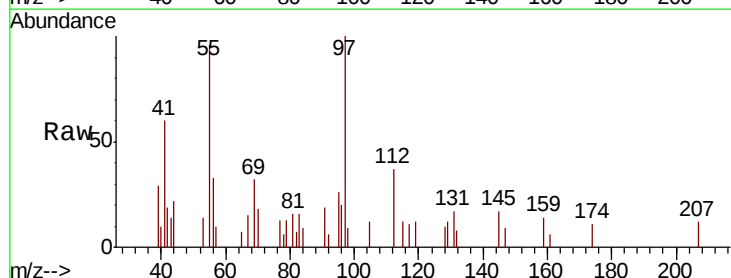
Ion Ratio Lower Upper

97 100

83 15.8 68.2 102.4#

85 0.0 44.6 67.0#

99 0.0 49.5 74.3#



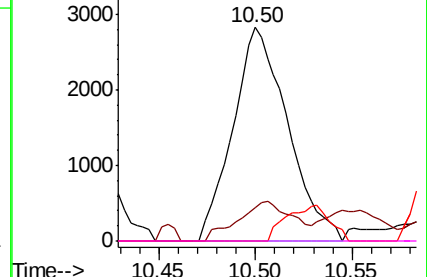
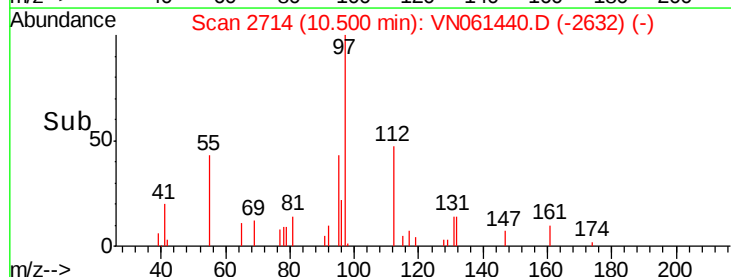
Abundance Ion 96.90 (96.60 to 97.60): VN061429.D (-2709) (-)

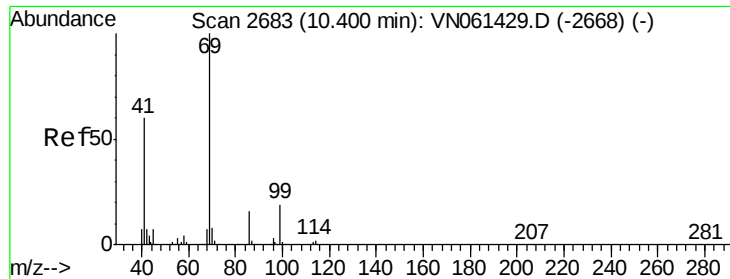
Ion 82.90 (82.60 to 83.60): VN061429.D (-2709) (-)

Ion 84.90 (84.60 to 85.60): VN061429.D (-2709) (-)

Ion 98.90 (98.60 to 99.60): VN061429.D (-2709) (-)

Time-->





#56

Ethyl methacrylate

Concen: 0.280 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

Instrument :

MSVOA_N

ClientSampleId :

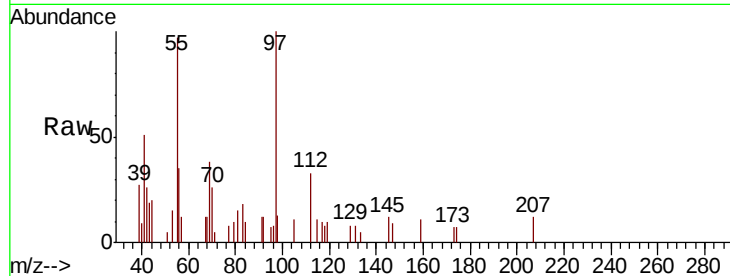
Tot Ion: 69 Resp: 1625

Ion Ratio Lower Upper

69 100

41 125.2 48.3 72.5#

39 81.0 30.2 45.2#

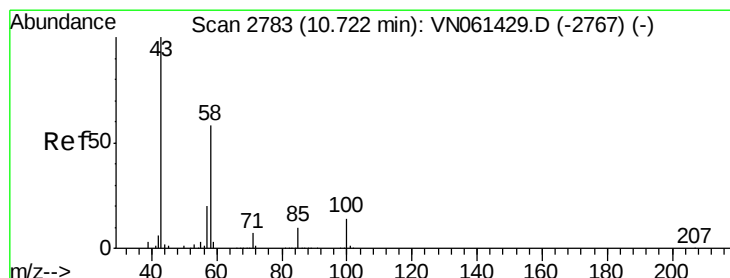
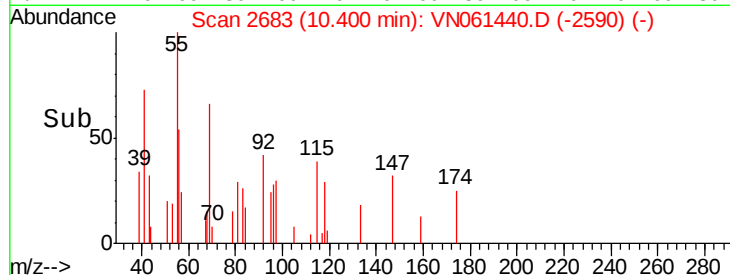


Abundance Ion 69.00 (68.70 to 69.70): VN061429.D (-2668) (-)

Ion 41.00 (40.70 to 41.70): VN061429.D (-2668) (-)

Ion 39.00 (38.70 to 39.70): VN061429.D (-2668) (-)

Time-->



#59

2-Hexanone

Concen: 2.851 ug/l

RT: 10.69 min Scan# 2774

Delta R.T. -0.03 min

Lab File: VN061440.D

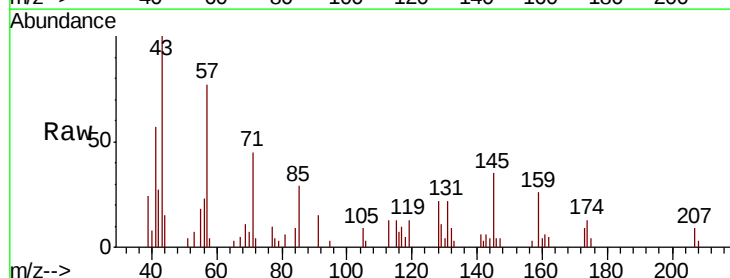
Acq: 18 May 2020 17:27

Tgt Ion: 43 Resp: 9009

Ion Ratio Lower Upper

43 100

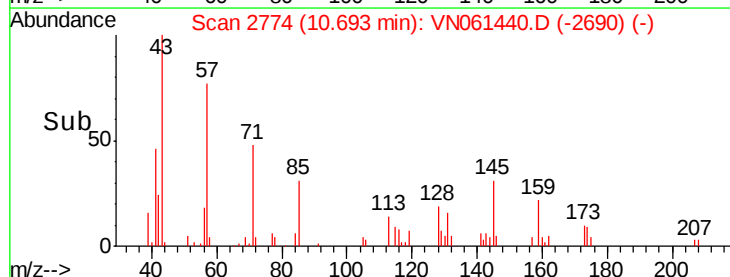
58 3.8 29.2 87.6#

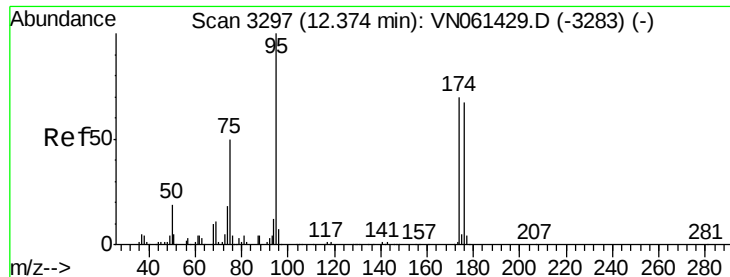


Abundance Ion 43.00 (42.70 to 43.70): VN061429.D (-2767) (-)

Ion 58.00 (57.70 to 58.70): VN061429.D (-2767) (-)

Time-->

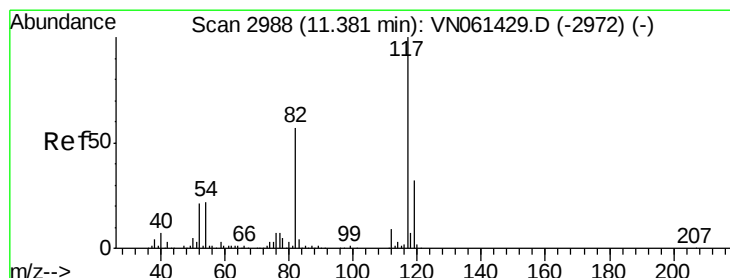
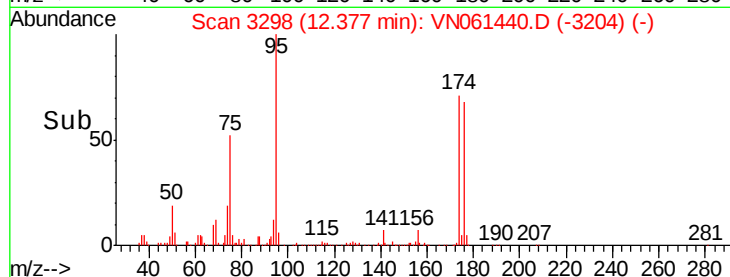
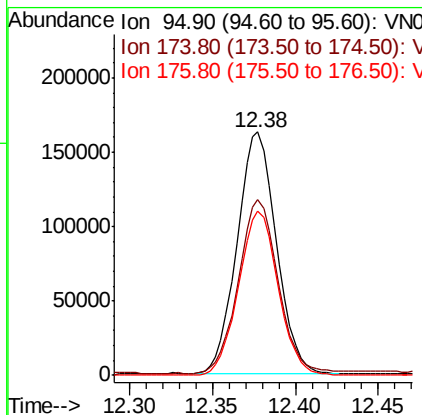
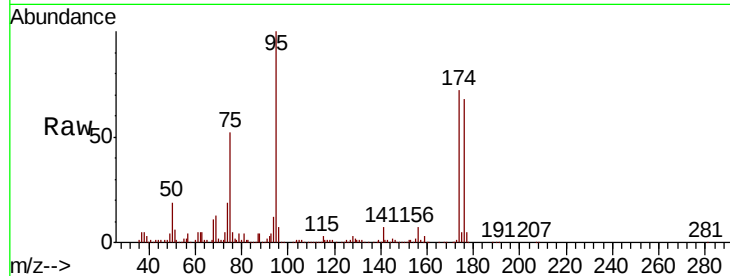




#62
4-Bromofluorobenzene
Concen: 54.446 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061440.D
Acq: 18 May 2020 17:27

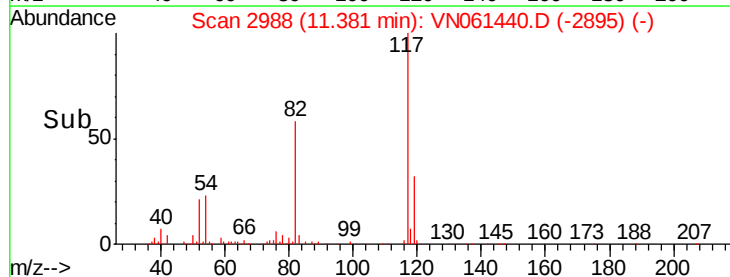
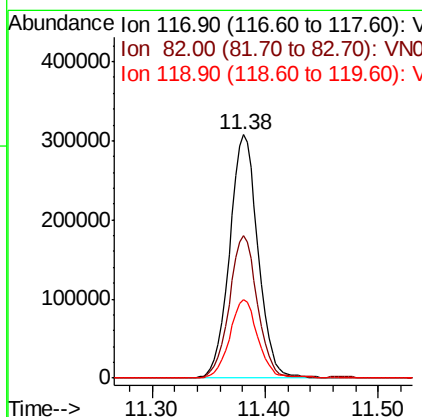
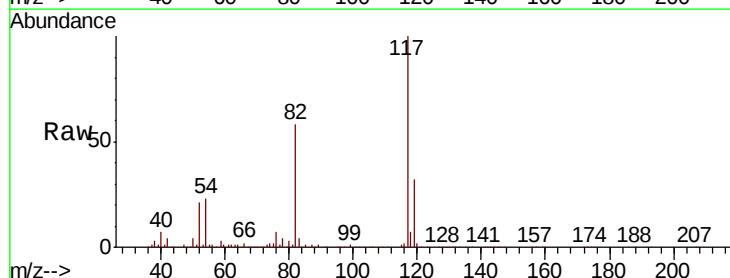
Instrument :
MSVOA_N
ClientSampled :

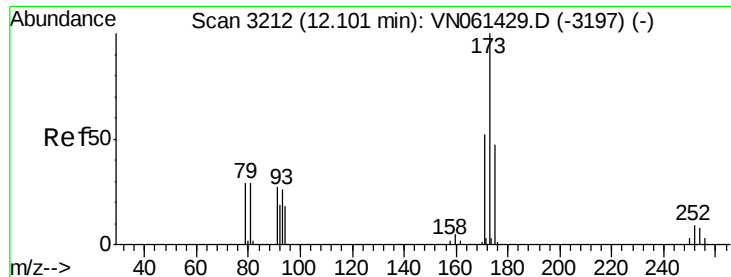
Tot Ion: 95 Resp: 267943
Ion Ratio Lower Upper
95 100
174 72.2 0.0 141.2
176 68.8 0.0 137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061440.D
Acq: 18 May 2020 17:27

Tgt Ion: 117 Resp: 533161
Ion Ratio Lower Upper
117 100
82 58.2 45.2 67.8
119 31.9 25.3 37.9





#71

Bromoform

Concen: 2.126 ug/l

RT: 12.08 min Scan# 3207

Delta R.T. -0.02 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

Instrument :

MSVOA_N

ClientSampled :

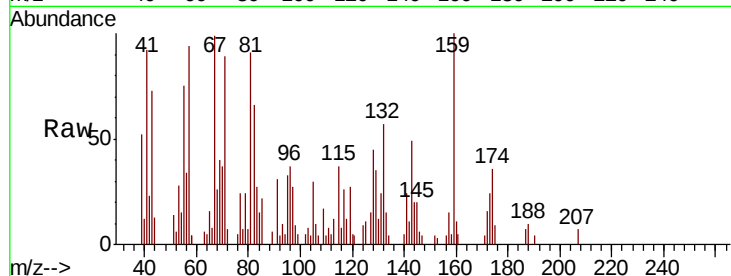
Tot Ion:173 Resp: 335

Ion Ratio Lower Upper

173 100

175 0.0 23.9 71.8#

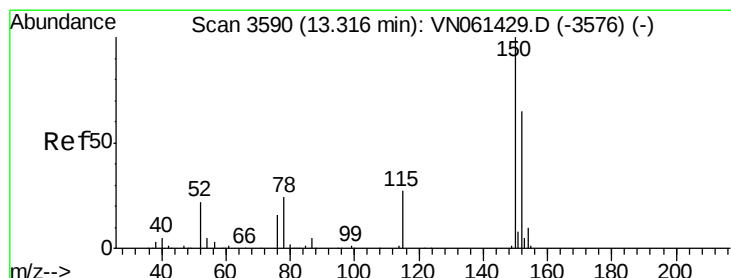
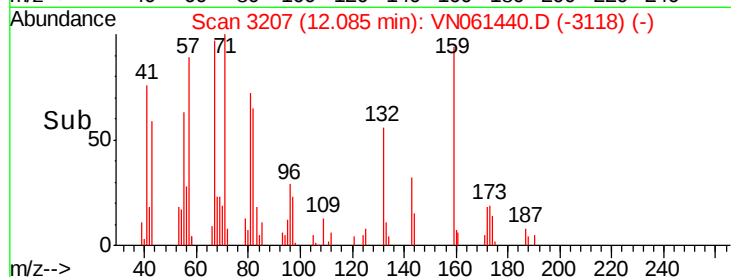
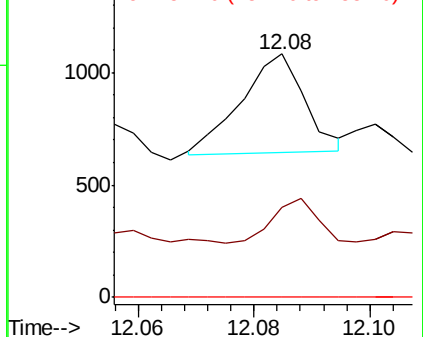
254 0.0 0.0 0.0



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: VN061440.D

Acq: 18 May 2020 17:27

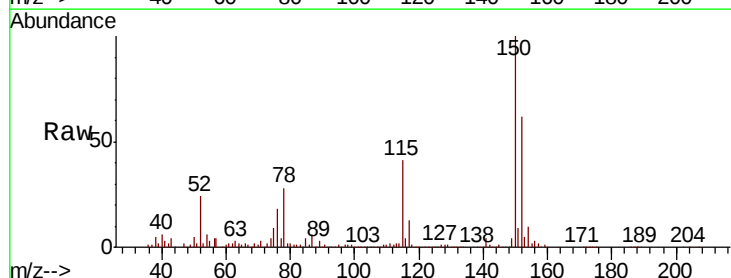
Tgt Ion:152 Resp: 256974

Ion Ratio Lower Upper

152 100

115 66.7 30.9 92.5

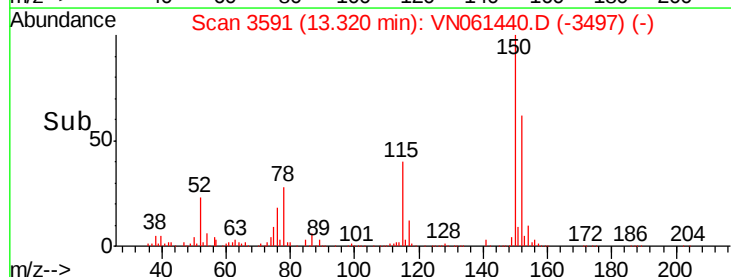
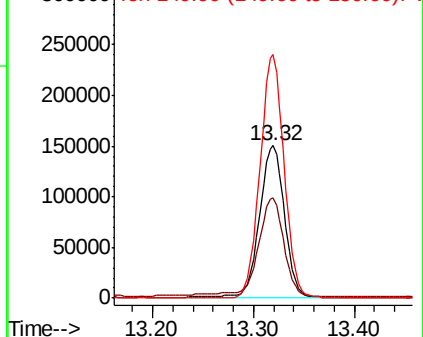
150 153.8 0.0 349.2

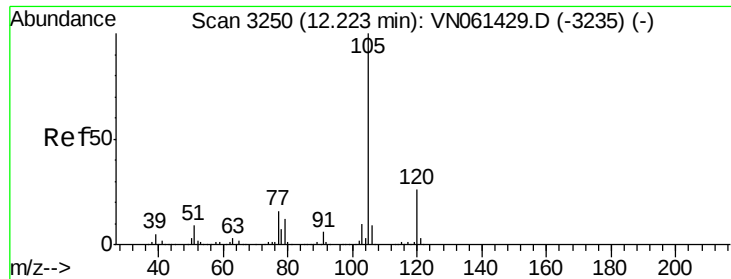


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.711 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

Instrument :

MSVOA_N

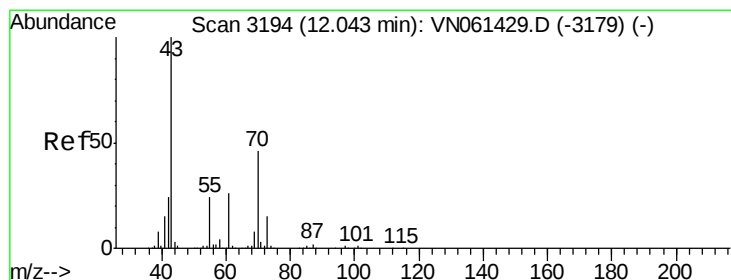
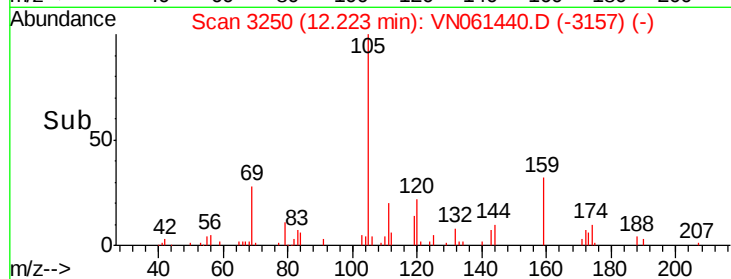
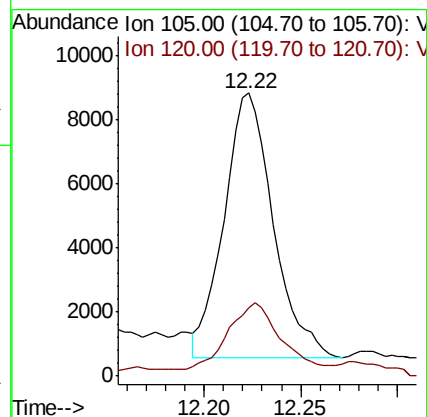
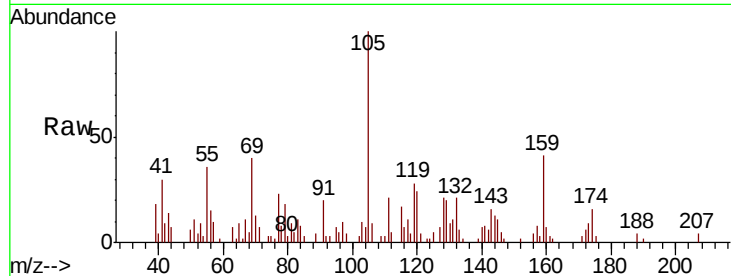
ClientSampleId :

Tot Ion:105 Resp: 14659

Ion Ratio Lower Upper

105 100

120 33.1 13.0 39.0



#74

N-ethyl acetate

Concen: 1.626 ug/l

RT: 12.02 min Scan# 3187

Delta R.T. -0.02 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

Tgt Ion: 43 Resp: 12275

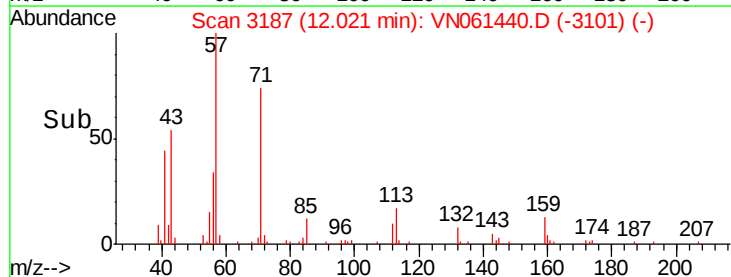
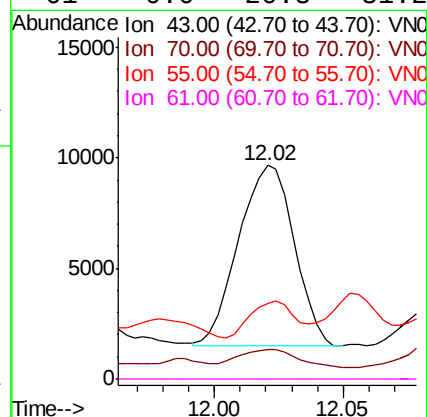
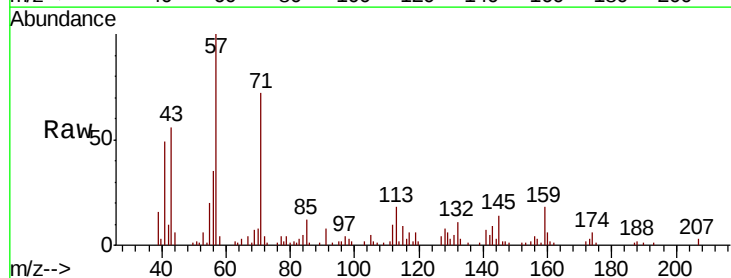
Ion Ratio Lower Upper

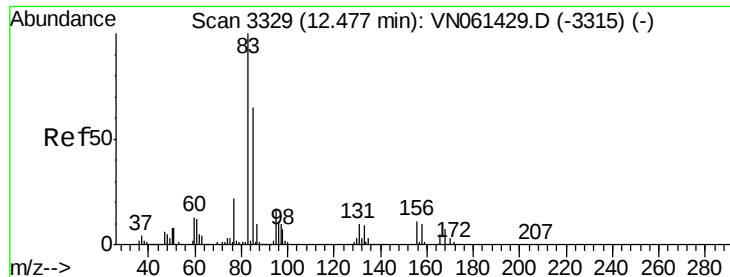
43 100

70 10.8 37.0 55.4#

55 16.7 19.5 29.3#

61 0.0 20.8 31.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.237 ug/l

RT: 12.43 min Scan# 3313

Delta R.T. -0.05 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

Instrument :

MSVOA_N

ClientSampleId :

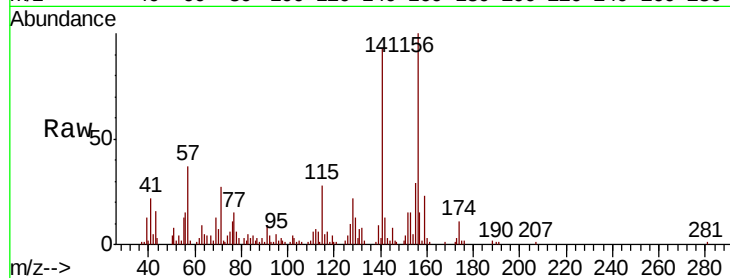
Tot Ion: 83 Resp: 1345

Ion Ratio Lower Upper

83 100

131 31.4 4.8 14.4#

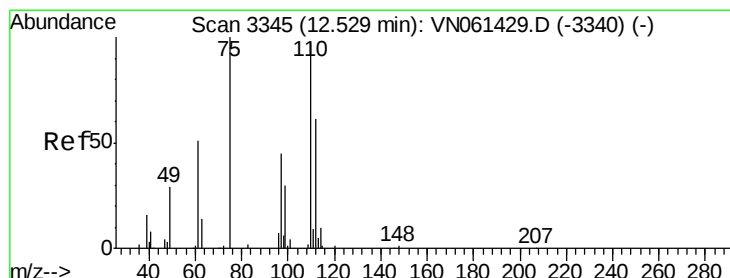
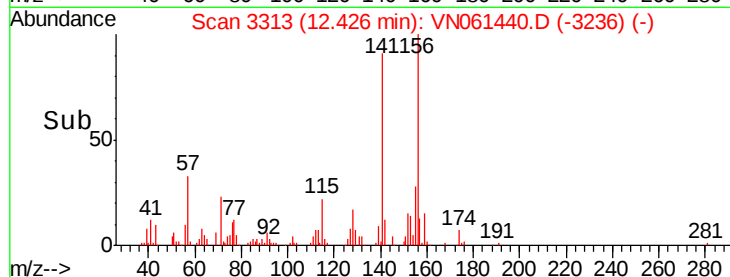
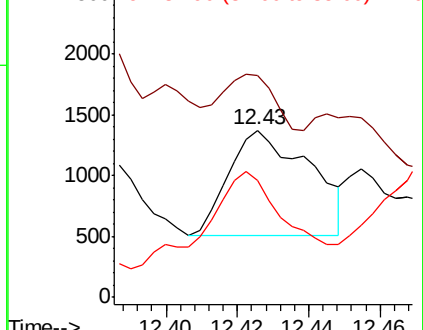
85 91.1 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.901 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061440.D

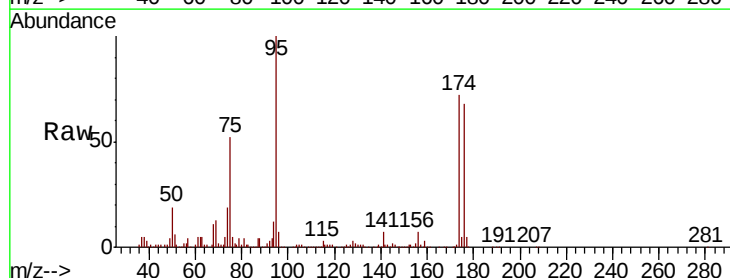
Acq: 18 May 2020 17:27

Tgt Ion: 75 Resp: 148334

Ion Ratio Lower Upper

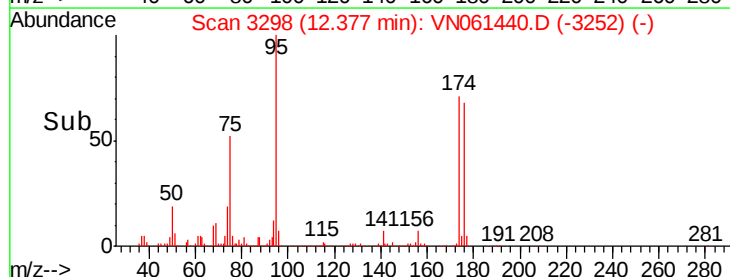
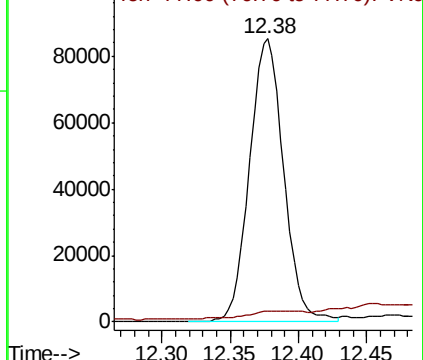
75 100

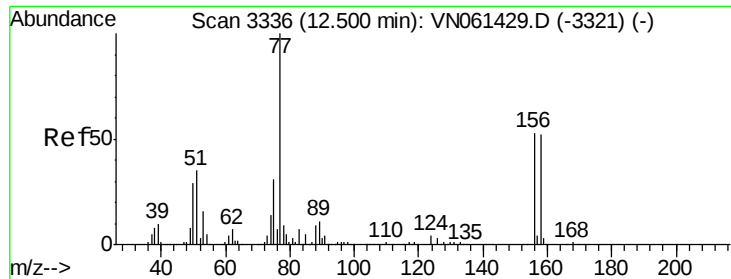
77 2.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 64.247 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.02 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

Instrument :

MSVOA_N

ClientSampled :

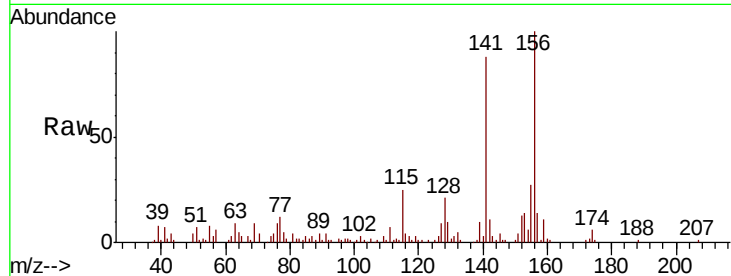
Tot Ion:156 Resp: 287640

Ion Ratio Lower Upper

156 100

77 0.0 112.3 336.9#

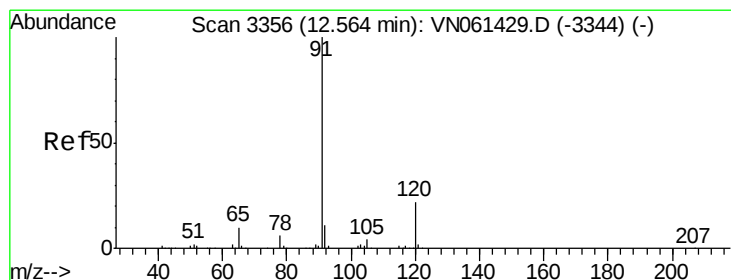
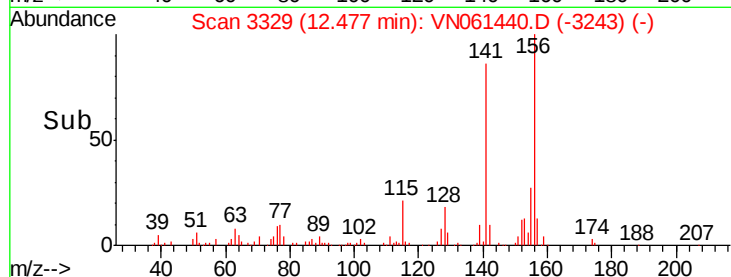
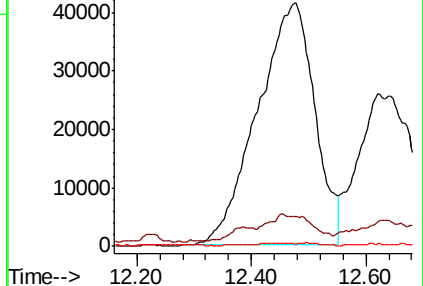
158 0.0 47.9 143.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.220 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061440.D

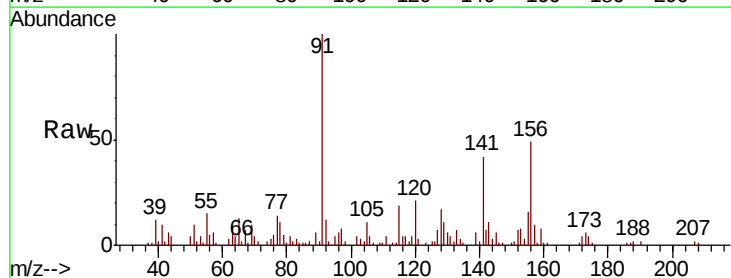
Acq: 18 May 2020 17:27

Tgt Ion: 91 Resp: 28668

Ion Ratio Lower Upper

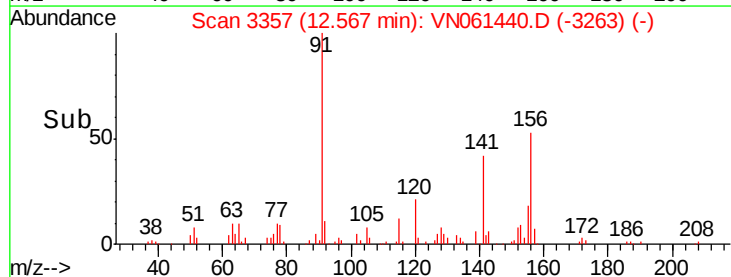
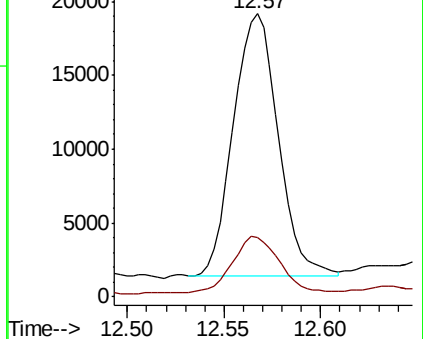
91 100

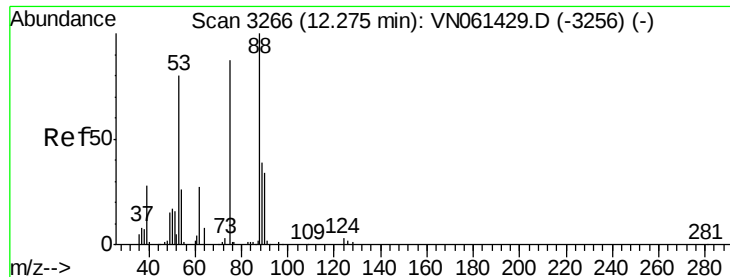
120 22.1 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 71.363 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

Instrument :

MSVOA_N

ClientSampled :

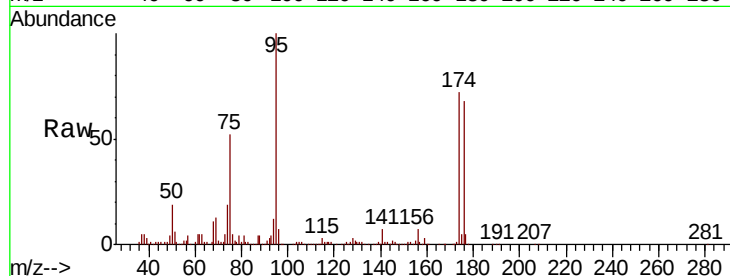
Tot Ion: 75 Resp: 148334

Ion Ratio Lower Upper

75 100

53 0.3 75.2 112.8#

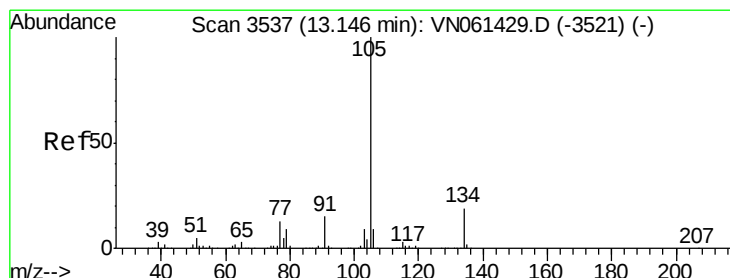
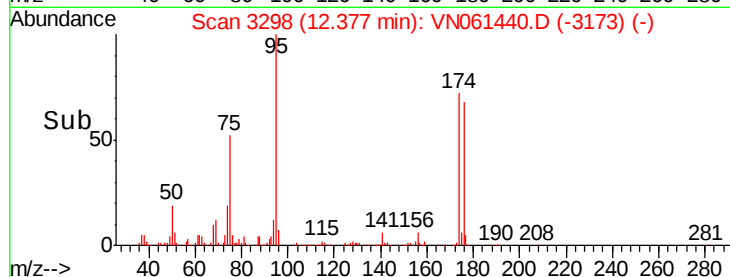
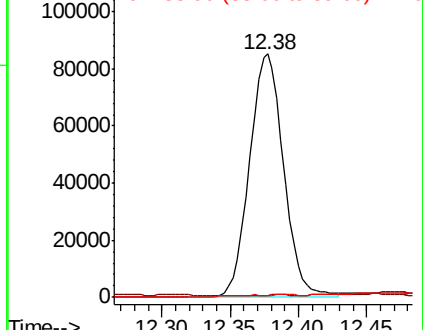
89 0.3 38.2 57.4#



Abundance Ion 74.90 (74.60 to 75.60): VN061440.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN061440.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN061440.D (-3173) (-)



#85

sec-Butylbenzene

Concen: 2.070 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061440.D

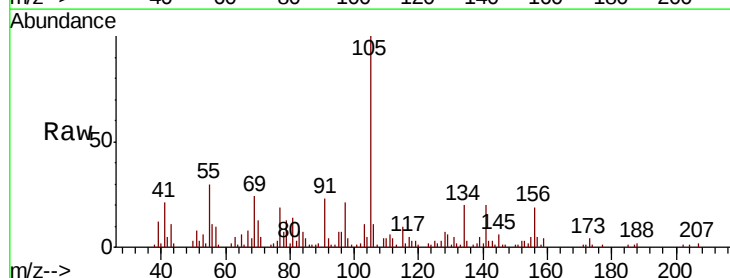
Acq: 18 May 2020 17:27

Tgt Ion: 105 Resp: 40501

Ion Ratio Lower Upper

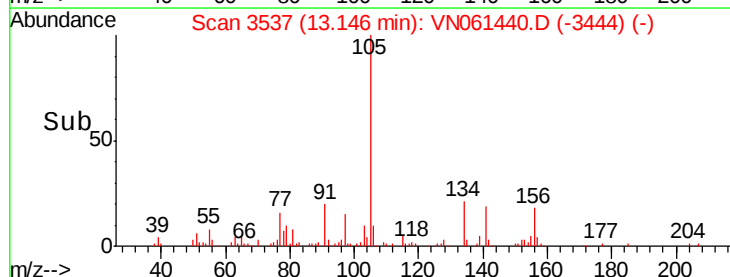
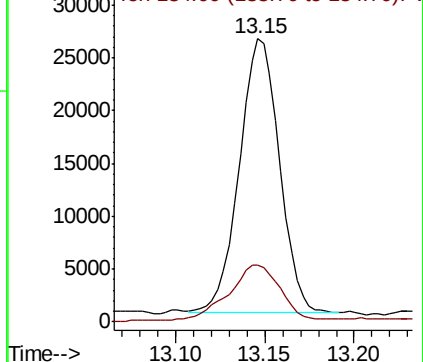
105 100

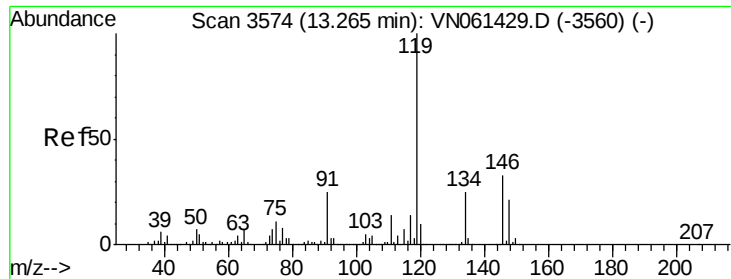
134 26.1 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): VN061440.D (-3444) (-)

Ion 134.00 (133.70 to 134.70): VN061440.D (-3444) (-)

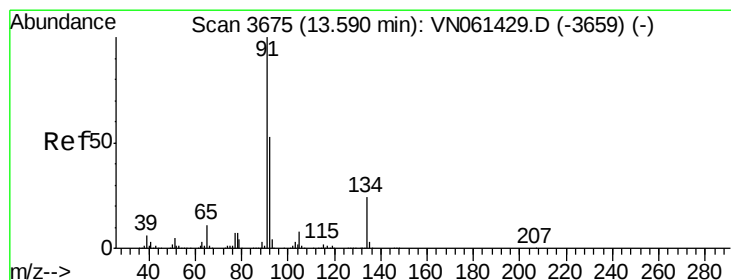
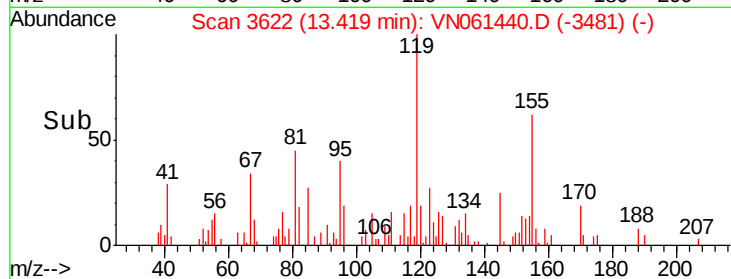
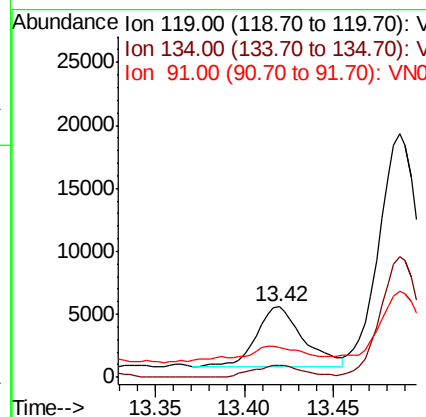
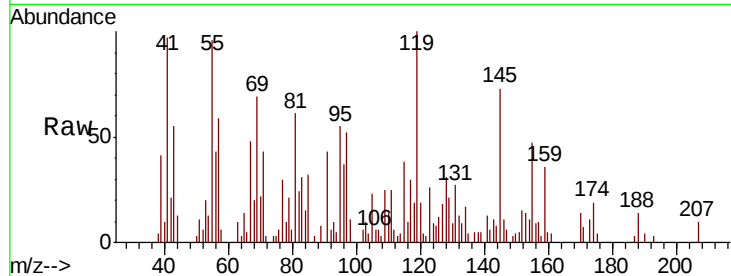




#86
 p-Isopropyltoluene
 Concen: 0.515 ug/l
 RT: 13.42 min Scan# 3622
 Delta R.T. 0.15 min
 Lab File: VN061440.D
 Acq: 18 May 2020 17:27

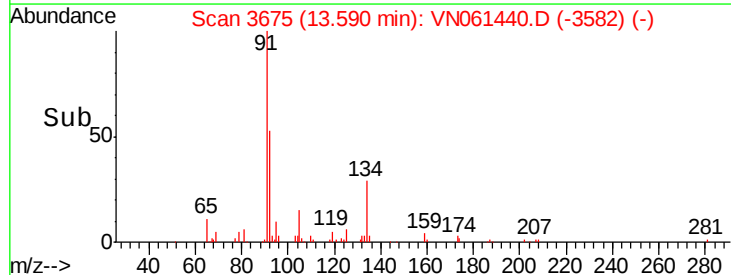
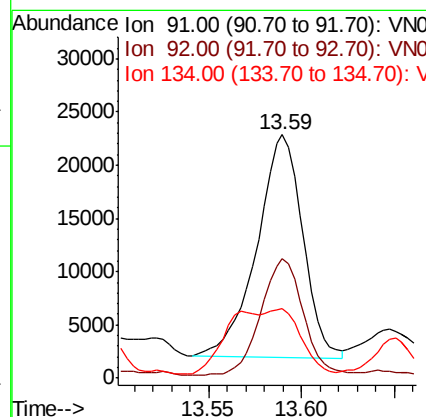
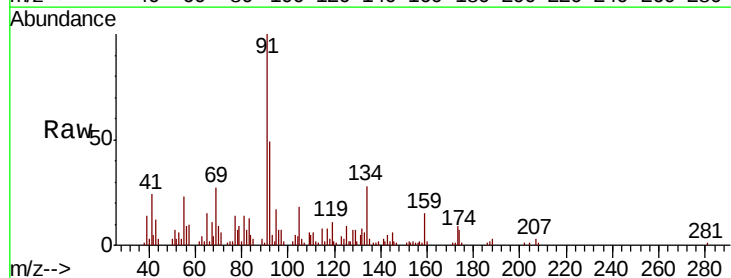
Instrument :
 MSVOA_N
 ClientSampleId :

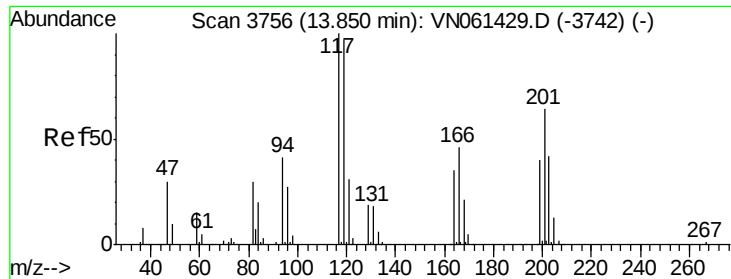
Tot Ion:119 Resp: 8945
 Ion Ratio Lower Upper
 119 100
 134 21.7 12.7 38.1
 91 35.7 12.6 37.6



#89
 n-Butylbenzene
 Concen: 2.280 ug/l
 RT: 13.59 min Scan# 3675
 Delta R.T. -0.00 min
 Lab File: VN061440.D
 Acq: 18 May 2020 17:27

Tgt Ion: 91 Resp: 35992
 Ion Ratio Lower Upper
 91 100
 92 48.8 26.8 80.3
 134 0.0 12.4 37.4#





#90

Hexachloroethane

Concen: 5.458 ug/l

RT: 13.86 min Scan# 3760

Delta R.T. 0.01 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

Instrument :

MSVOA_N

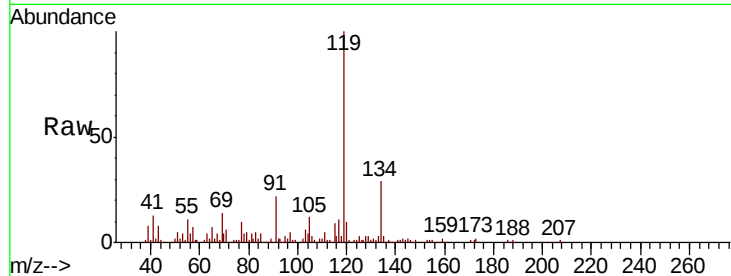
ClientSampleId :

Tot Ion:117 Resp: 12851

Ion Ratio Lower Upper

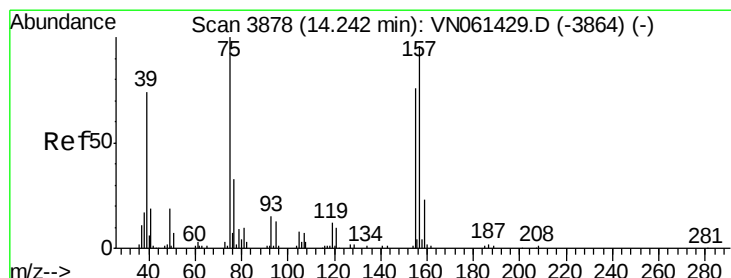
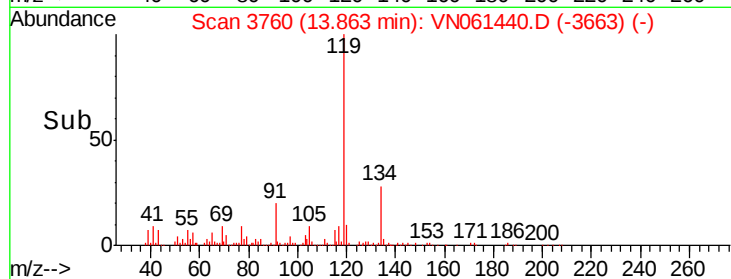
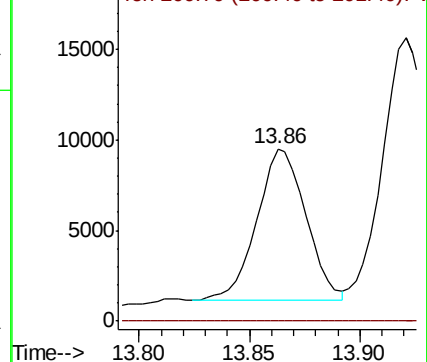
117 100

201 0.0 32.9 98.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.684 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.02 min

Lab File: VN061440.D

Acq: 18 May 2020 17:27

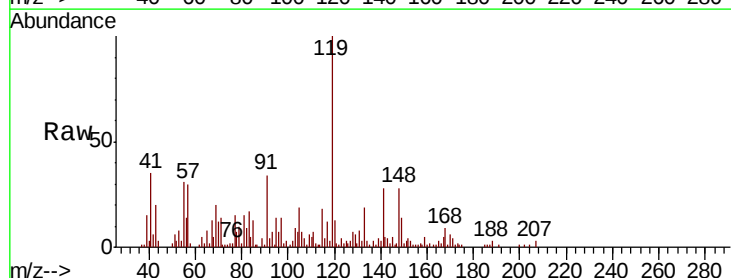
Tgt Ion: 75 Resp: 784

Ion Ratio Lower Upper

75 100

155 0.0 38.9 116.7#

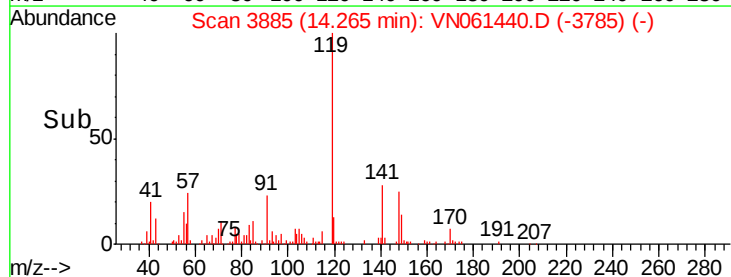
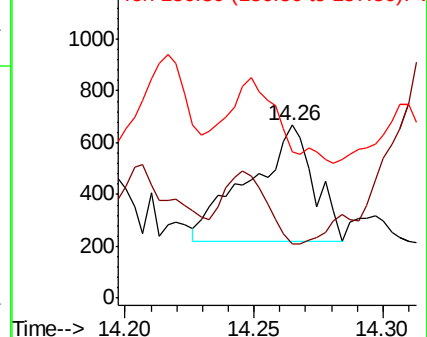
157 42.5 48.6 145.8#

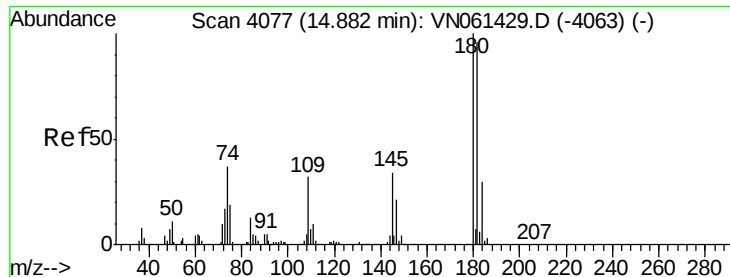


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

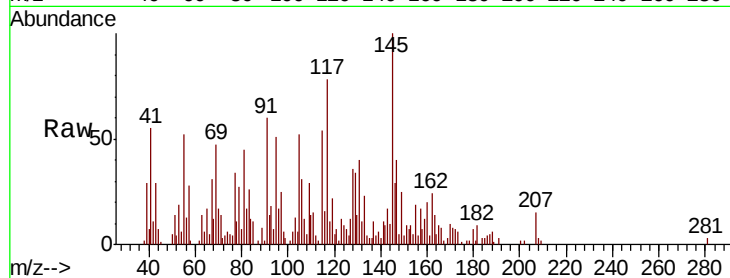




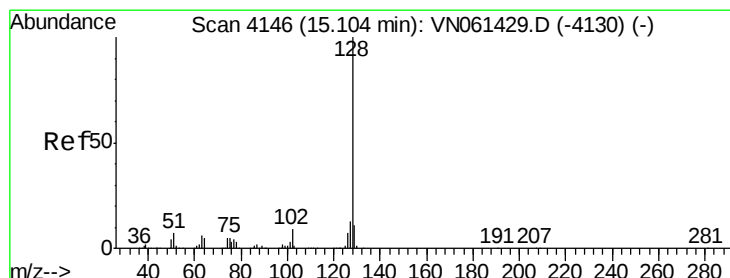
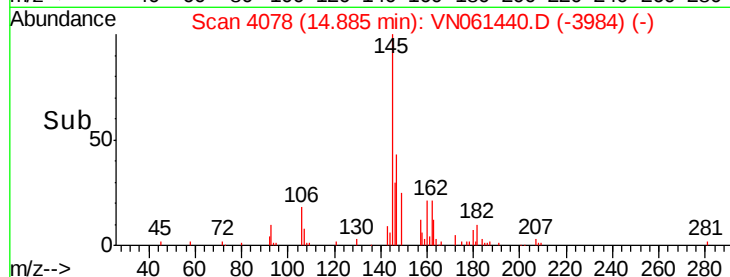
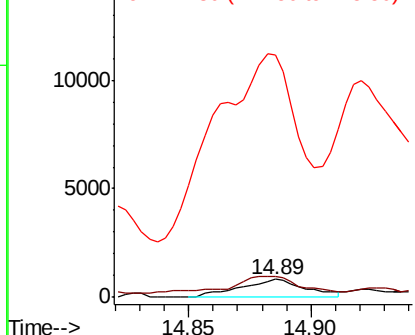
#93
 1,2,4-Trichlorobenzene
 Concen: 0.364 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061440.D
 Acq: 18 May 2020 17:27

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 1553
 Ion Ratio Lower Upper
 180 100
 182 140.5 47.0 141.0
 145 1296.6 16.7 50.0#

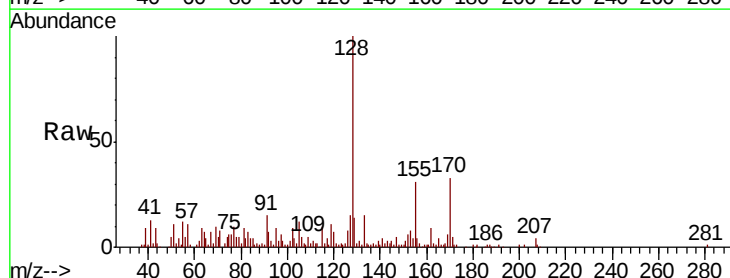


Abundance Ion 179.80 (179.50 to 180.50): V
 15000 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 6.788 ug/l
 RT: 15.10 min Scan# 4146
 Delta R.T. -0.00 min
 Lab File: VN061440.D
 Acq: 18 May 2020 17:27

Tgt Ion:128 Resp: 91965
 Ion Ratio Lower Upper
 128 100
 127 17.4 10.1 15.1#
 129 15.5 8.6 13.0#



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

