

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022520\
 Data File : VN060224.D
 Acq On : 25 Feb 2020 11:26
 Operator : JC/MD
 Sample : PB127055TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127055TB

Quant Time: Feb 25 15:45:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	166884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	259454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	242288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	106378	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	97371	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	7.57	113	78808	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	10.08	98	314277	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	12.40	95	111159	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	

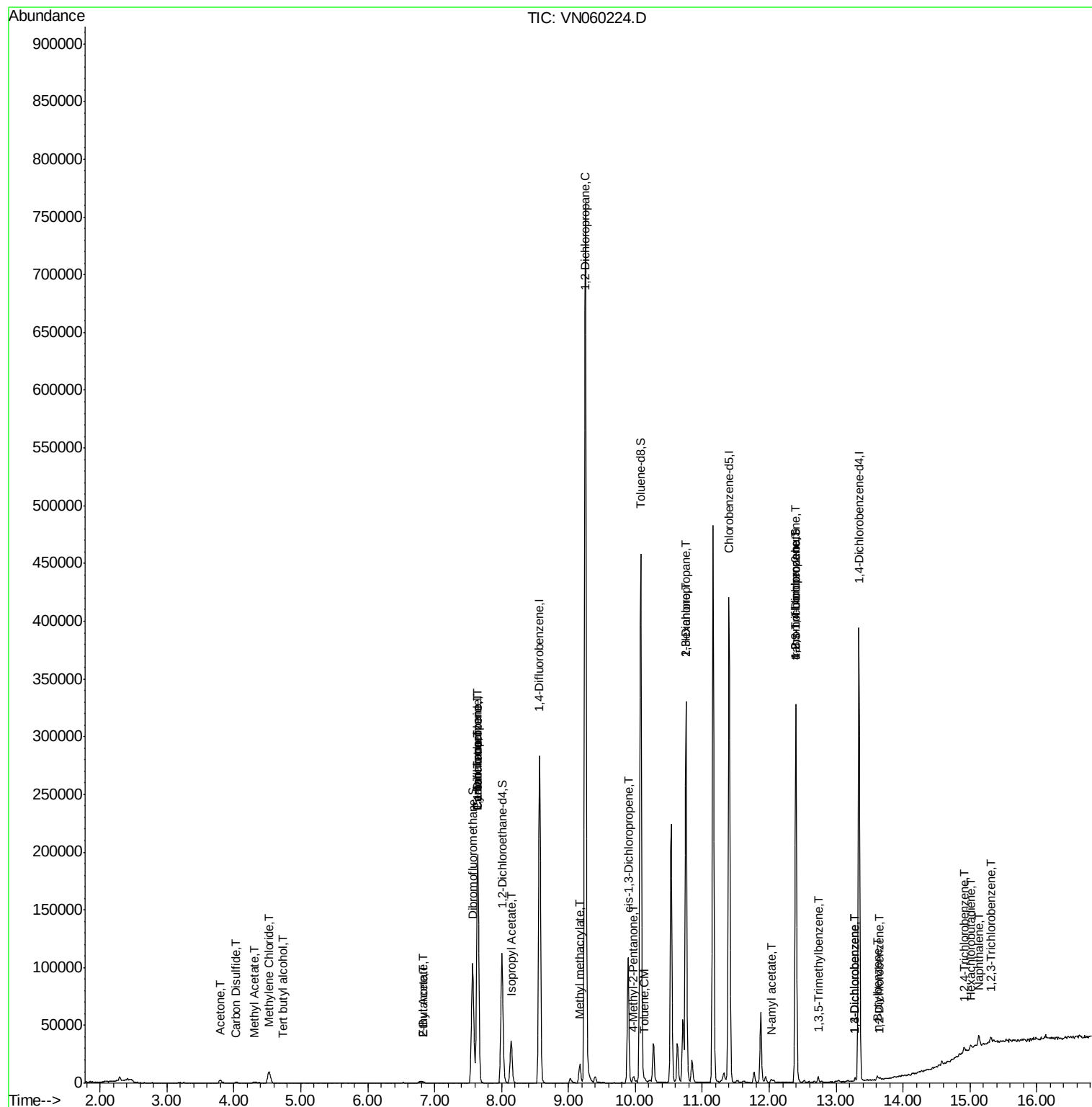
Target Compounds						Qvalue
11) Tert butyl alcohol	4.73	59	97	0.32	ug/l	# 72
16) Acetone	3.80	43	4562	5.15	ug/l	100
17) Carbon Disulfide	4.03	76	1118	0.24	ug/l	# 76
18) Methyl Acetate	4.31	43	1216	0.73	ug/l	# 50
20) Methylene Chloride	4.53	84	7899	4.47	ug/l	96
25) 2-Butanone	6.82	43	2423	2.18	ug/l	# 46
31) Cyclohexane	7.64	56	3329	1.16	ug/l	# 14
36) 1,1-Dichloropropene	7.64	75	12243	5.09	ug/l	# 48
37) Ethyl Acetate	6.82	43	2423	1.12	ug/l	# 68
38) Carbon Tetrachloride	7.64	117	15856	6.08	ug/l	# 15
43) Isopropyl Acetate	8.14	43	43754	11.78	ug/l	# 89
45) 1,2-Dichloropropane	9.25	63	948	0.54	ug/l	# 43
48) Methyl methacrylate	9.17	41	2466	1.48	ug/l	# 9
51) 4-Methyl-2-Pentanone	9.97	43	2452	1.14	ug/l	87
52) Toluene	10.15	92	1453	0.32	ug/l	93
54) cis-1,3-Dichloropropene	9.89	75	20342	6.75	ug/l	# 62
57) 1,3-Dichloropropane	10.75	76	3549	1.21	ug/l	# 43
59) 2-Hexanone	10.75	43	49683	29.93	ug/l	# 54
74) N-amyl acetate	12.03	43	1965	0.69	ug/l	# 43
76) 1,2,3-Trichloropropane	12.40	75	56944	27.98	ug/l	# 100
80) 1,3,5-Trimethylbenzene	12.73	105	3153	0.48	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	56944	68.51	ug/l	# 12
87) 1,3-Dichlorobenzene	13.28	146	988	0.28	ug/l	90
88) 1,4-Dichlorobenzene	13.28	146	988	0.28	ug/l	92
89) n-Butylbenzene	13.61	91	2299	0.37	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	967	0.28	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.26	75	133	Below	Cal	# 1
93) 1,2,4-Trichlorobenzene	14.91	180	2073	1.03	ug/l	87
94) Hexachlorobutadiene	15.00	225	563	0.48	ug/l	87
95) Naphthalene	15.13	128	7665	1.41	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	2258	1.13	ug/l	96

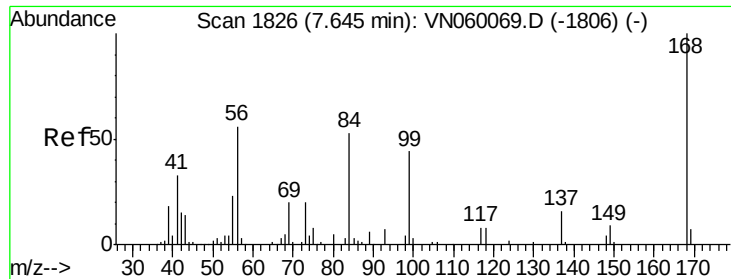
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060224.D

Acq: 25 Feb 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

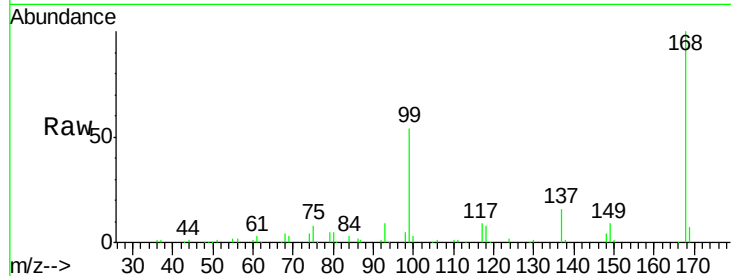
PB127055TB

Tgt Ion:168 Resp: 166884

Ion Ratio Lower Upper

168 100

99 53.7 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

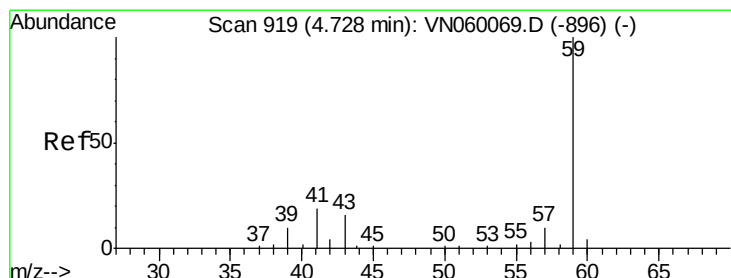
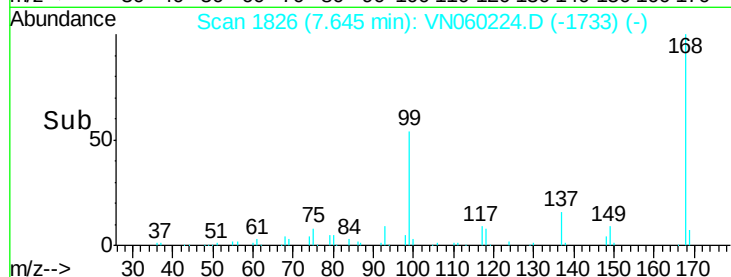
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 0.32 ug/l

RT: 4.73 min Scan# 920

Delta R.T. 0.00 min

Lab File: VN060224.D

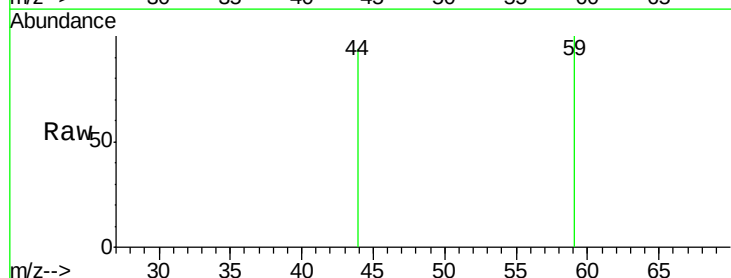
Acq: 25 Feb 2020 11:26

Tgt Ion: 59 Resp: 97

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.73

200

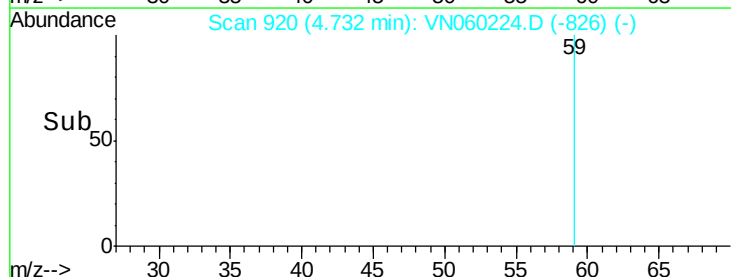
150

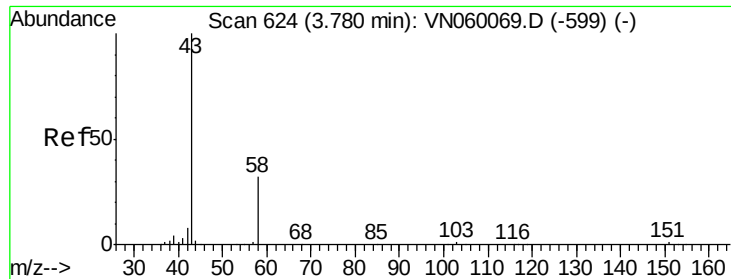
100

50

0

Time--> 4.72 4.73 4.74





#16

Acetone

Concen: 5.15 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.02 min

Lab File: VN060224.D

Acq: 25 Feb 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

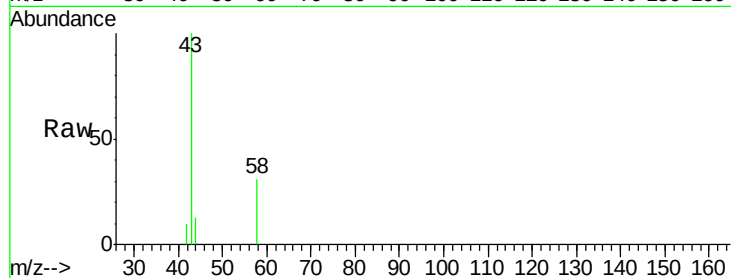
PB127055TB

Tgt Ion: 43 Resp: 4562

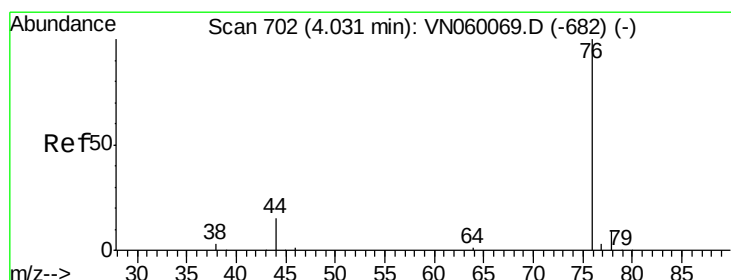
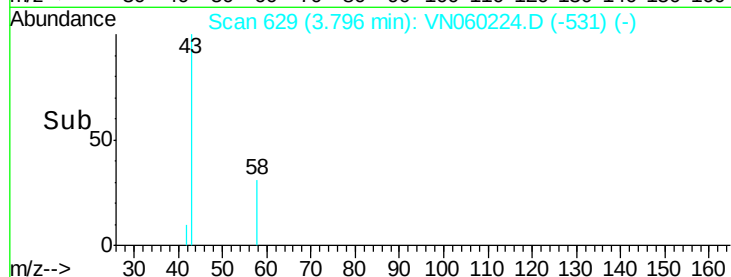
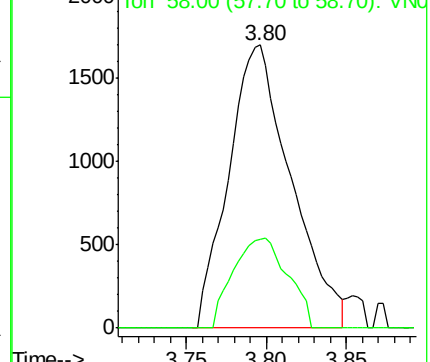
Ion Ratio Lower Upper

43 100

58 31.4 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-599) (-)



#17

Carbon Disulfide

Concen: 0.24 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.00 min

Lab File: VN060224.D

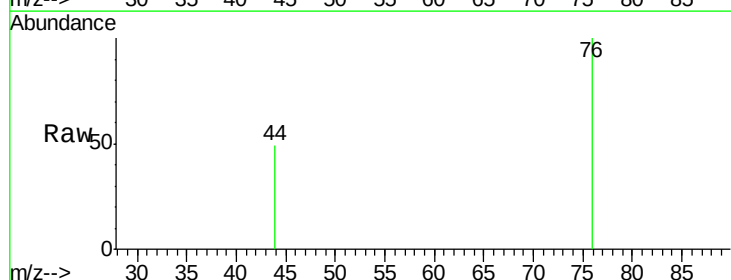
Acq: 25 Feb 2020 11:26

Tgt Ion: 76 Resp: 1118

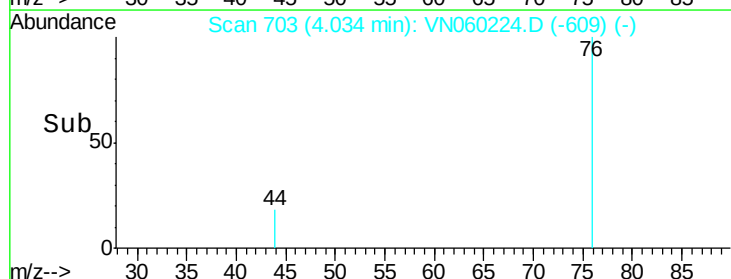
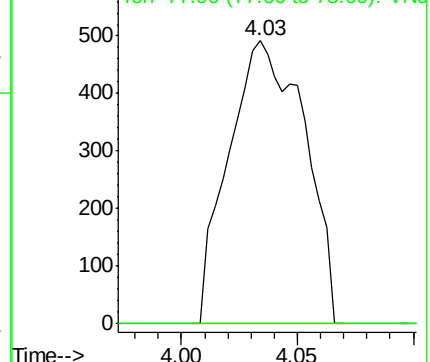
Ion Ratio Lower Upper

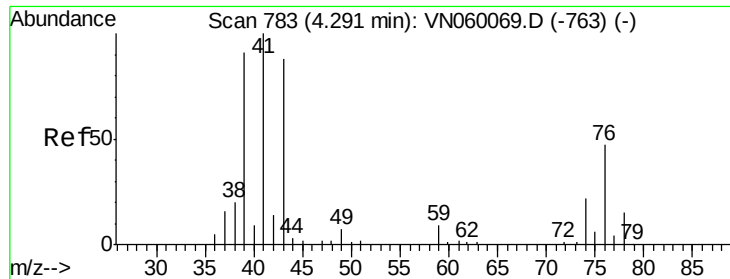
76 100

78 0.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VN060069.D (-682) (-)

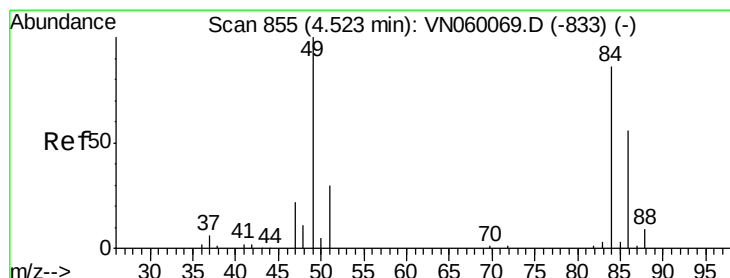
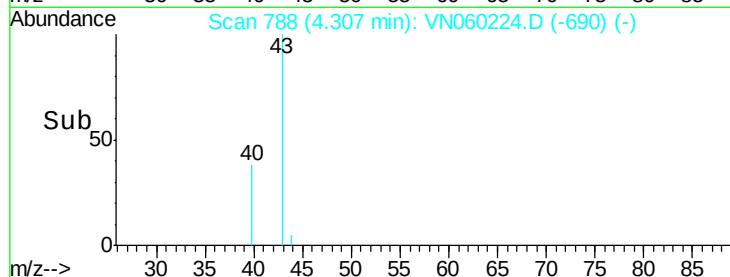
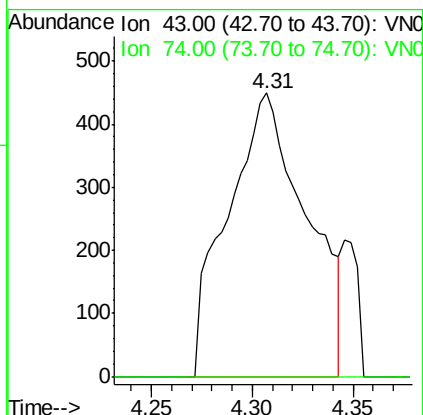
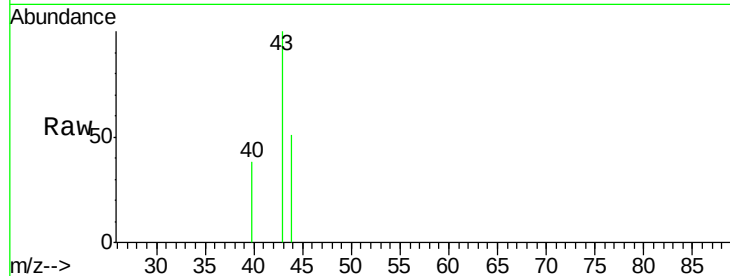




#18
Methyl Acetate
Concen: 0.73 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.02 min
Lab File: VN060224.D
Acq: 25 Feb 2020 11:26

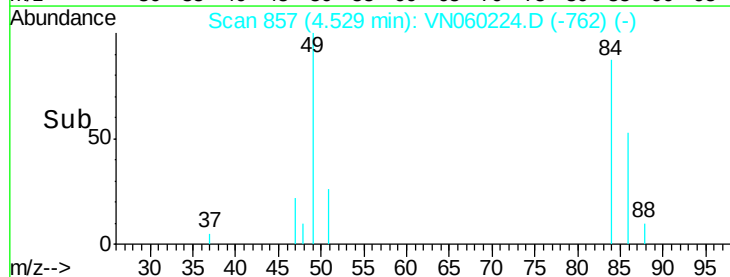
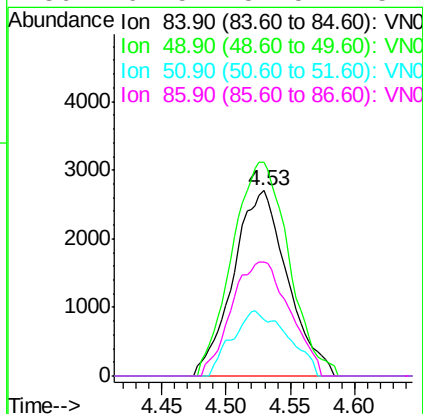
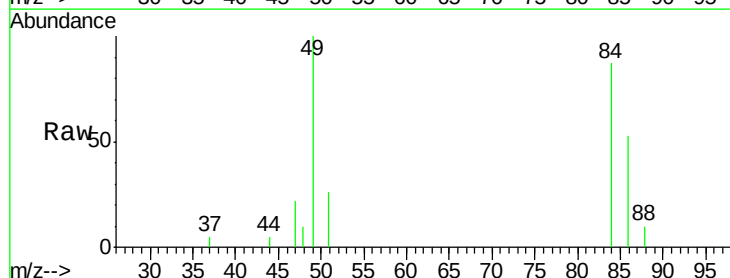
Instrument :
MSVOA_N
ClientSampled :
PB127055TB

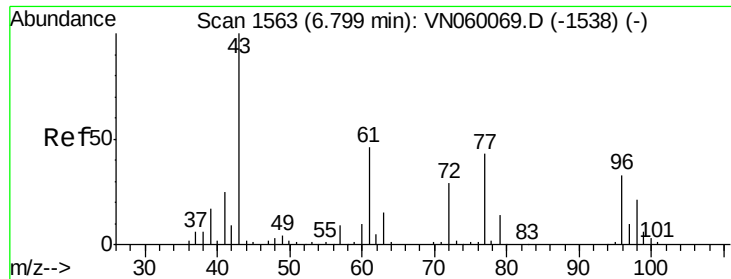
Tgt Ion: 43 Resp: 1216
Ion Ratio Lower Upper
43 100
74 0.0 20.3 30.5#



#20
Methylene Chloride
Concen: 4.47 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN060224.D
Acq: 25 Feb 2020 11:26

Tgt Ion: 84 Resp: 7899
Ion Ratio Lower Upper
84 100
49 115.2 93.4 140.0
51 30.2 28.4 42.6
86 61.5 52.5 78.7

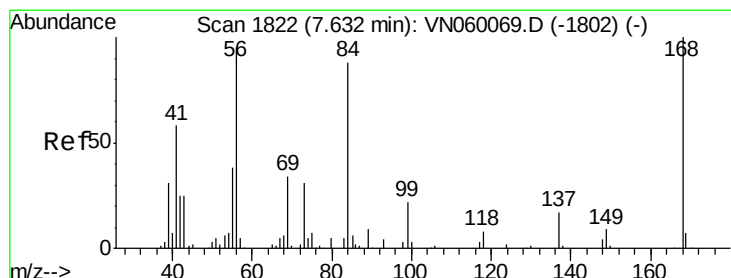
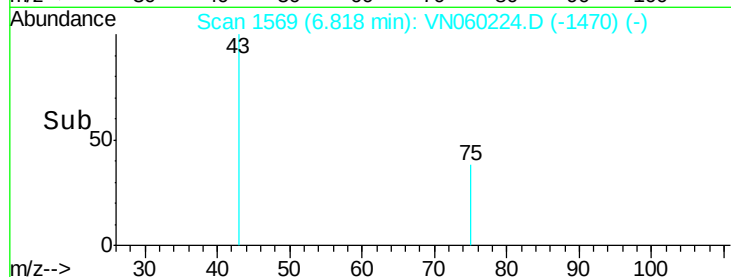
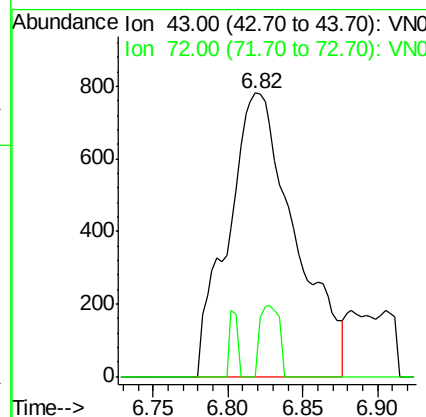
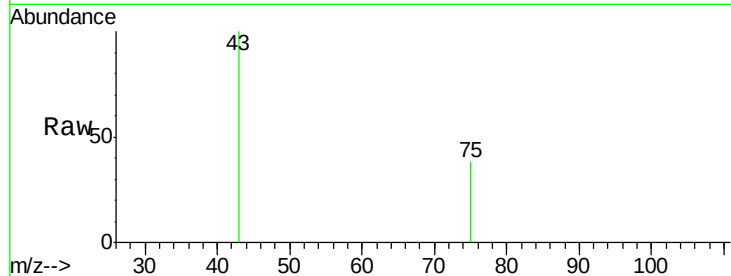




#25
2-Butanone
Concen: 2.18 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.02 min
Lab File: VN060224.D
Acq: 25 Feb 2020 11:26

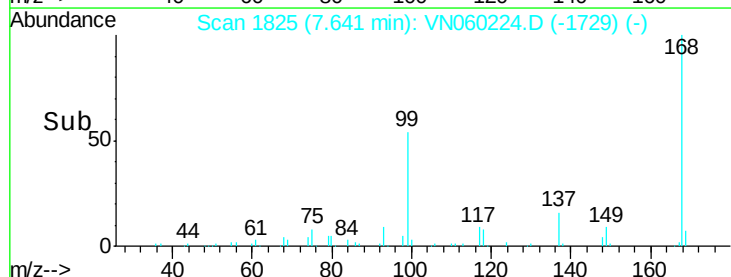
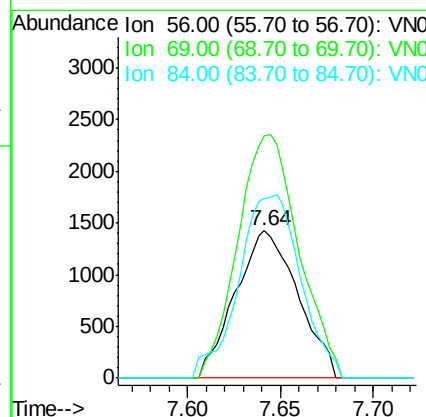
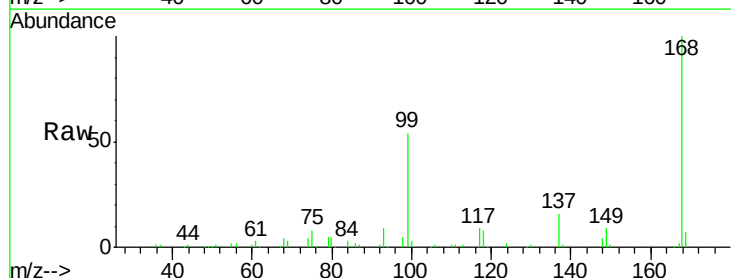
Instrument :
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ClientSampleId :
PB127055TB

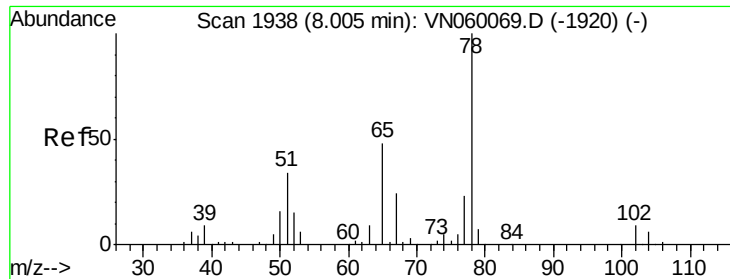
Tgt Ion: 43 Resp: 2423
Ion Ratio Lower Upper
43 100
72 0.0 23.3 34.9#



#31
Cyclohexane
Concen: 1.16 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN060224.D
Acq: 25 Feb 2020 11:26

Tgt Ion: 56 Resp: 3329
Ion Ratio Lower Upper
56 100
69 164.3 28.3 42.5#
84 121.7 72.6 108.8#

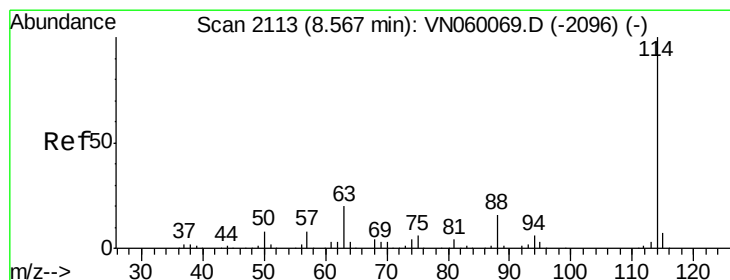
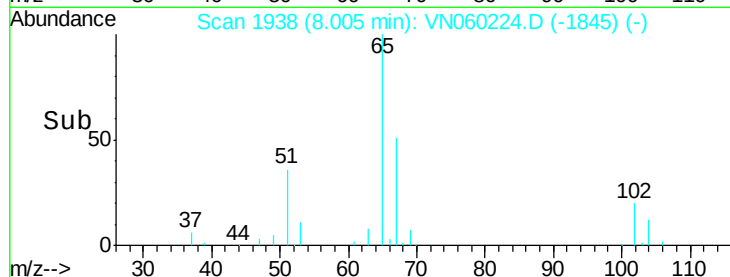
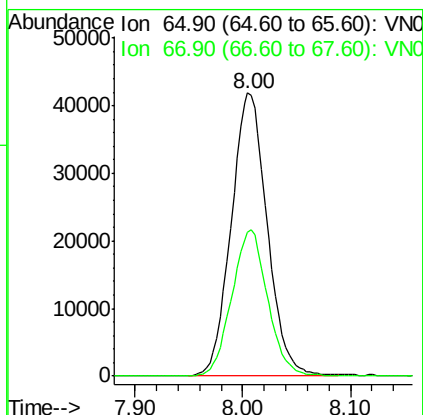
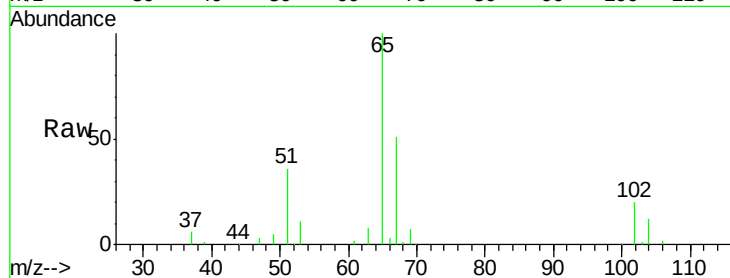




#33
 1,2-Dichloroethane-d4
 Concen: 47.95 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060224.D
 Acq: 25 Feb 2020 11:26

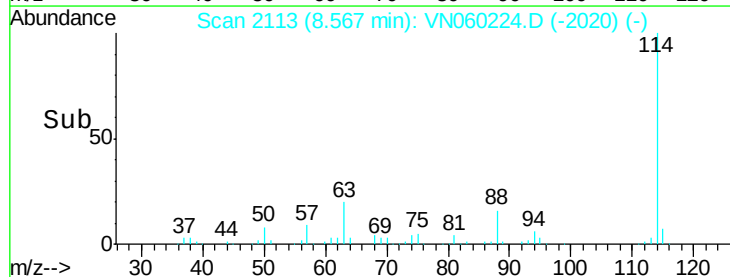
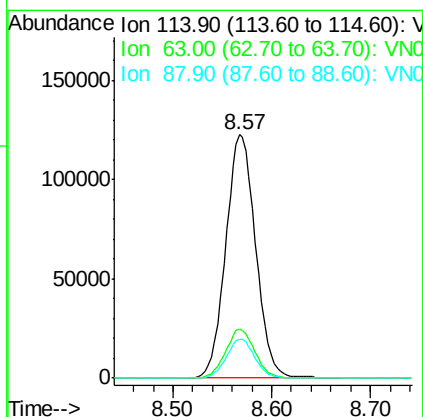
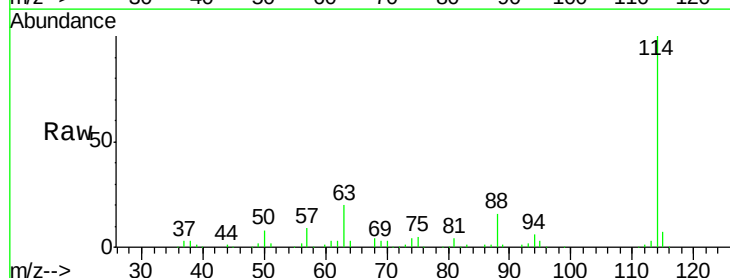
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127055TB

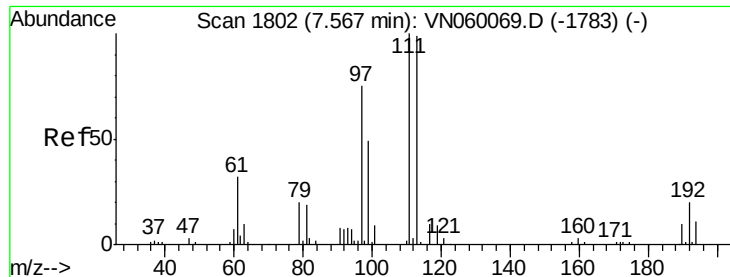
Tgt Ion: 65 Resp: 97371
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060224.D
 Acq: 25 Feb 2020 11:26

Tgt Ion: 114 Resp: 259454
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.0
 88 16.0 0.0 31.6

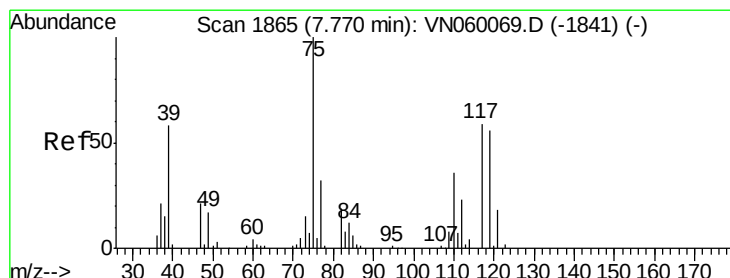
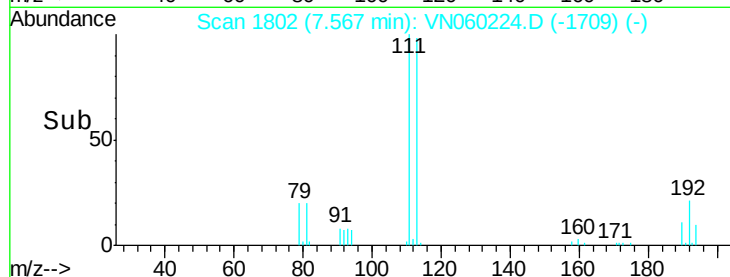
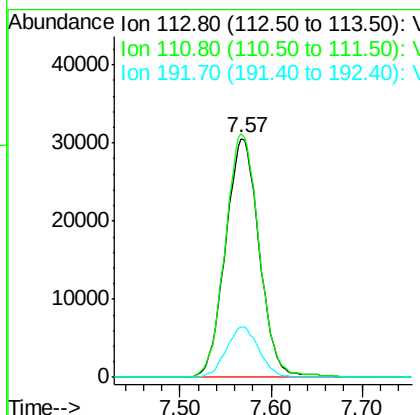
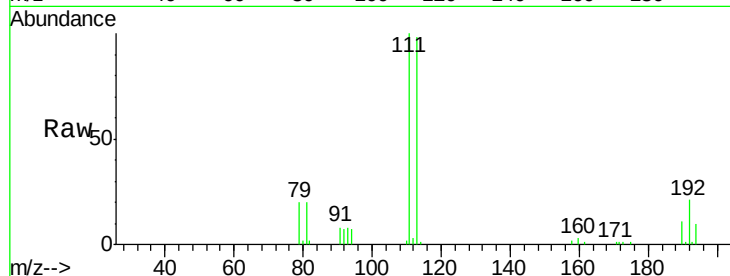




#35
 Dibromofluoromethane
 Concen: 49.41 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060224.D
 Acq: 25 Feb 2020 11:26

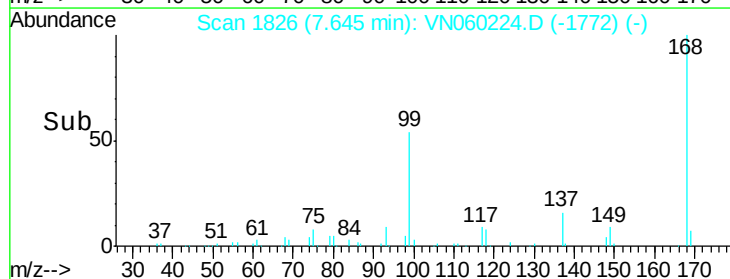
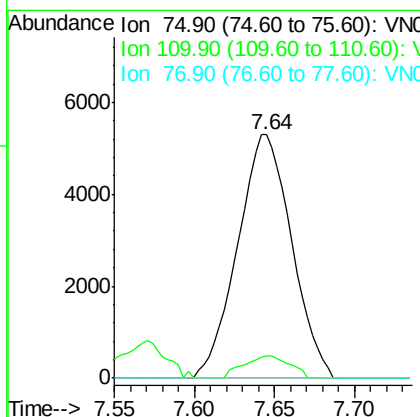
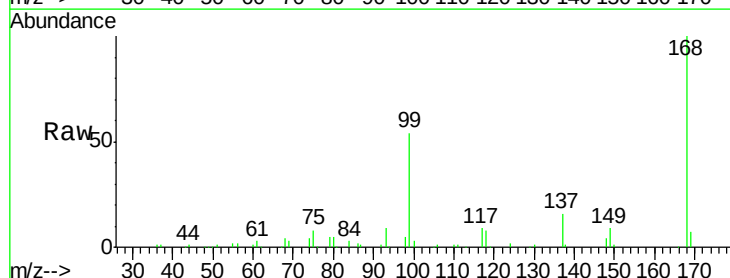
Instrument :
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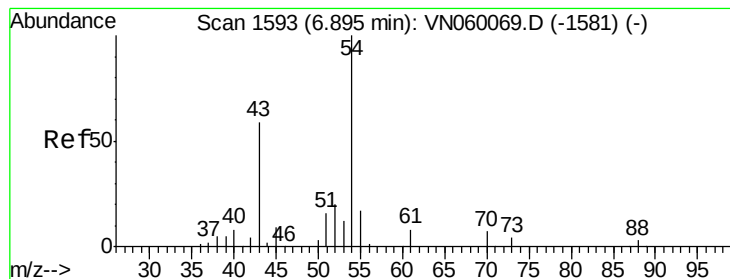
Tgt Ion: 113 Resp: 78808
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.2
 192 20.3 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.09 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN060224.D
 Acq: 25 Feb 2020 11:26

Tgt Ion: 75 Resp: 12243
 Ion Ratio Lower Upper
 75 100
 110 7.8 18.1 54.3#
 77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.12 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.08 min

Lab File: VN060224.D

Acq: 25 Feb 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

PB127055TB

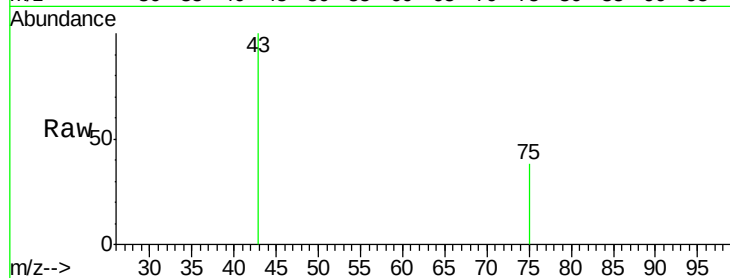
Tgt Ion: 43 Resp: 2423

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.2#

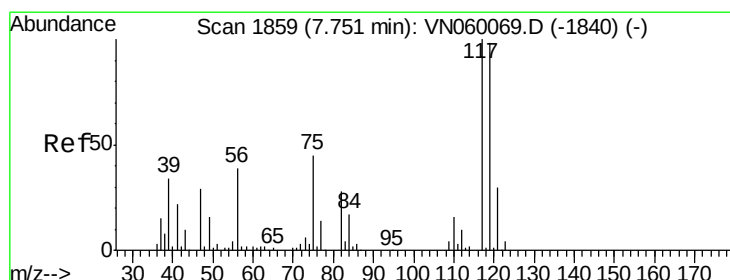
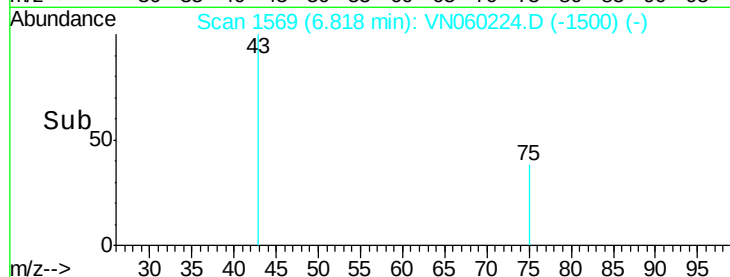
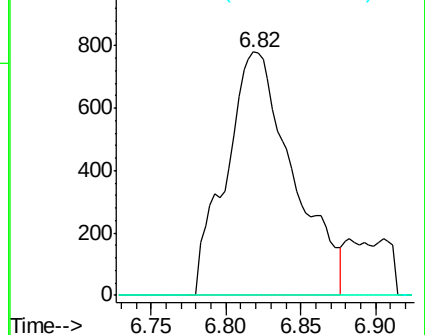
70 0.0 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1581) (-)

Ion 60.90 (60.60 to 61.60): VN060069.D (-1581) (-)

Ion 70.00 (69.70 to 70.70): VN060069.D (-1581) (-)



#38

Carbon Tetrachloride

Concen: 6.08 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN060224.D

Acq: 25 Feb 2020 11:26

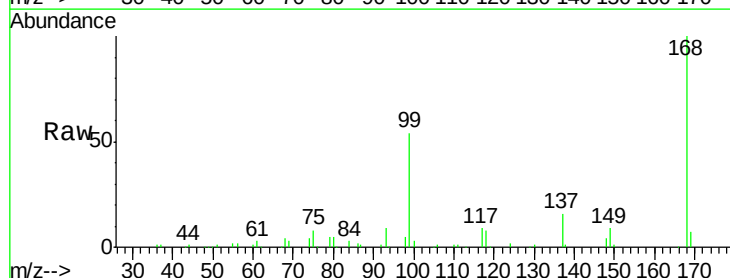
Tgt Ion: 117 Resp: 15856

Ion Ratio Lower Upper

117 100

119 5.0 78.2 117.4#

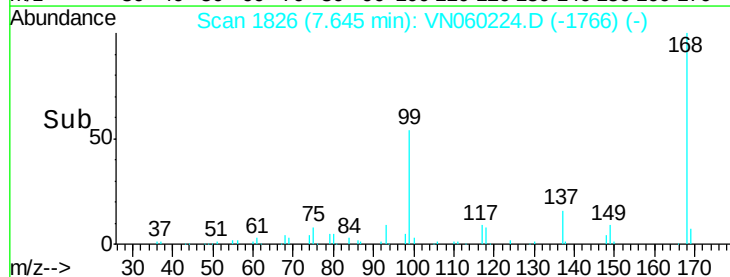
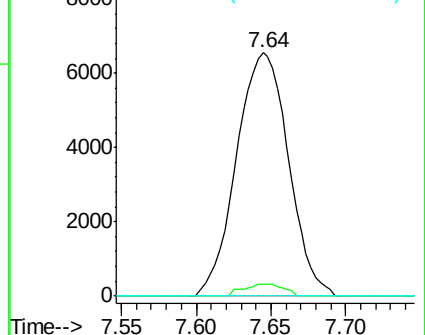
121 0.0 24.2 36.2#

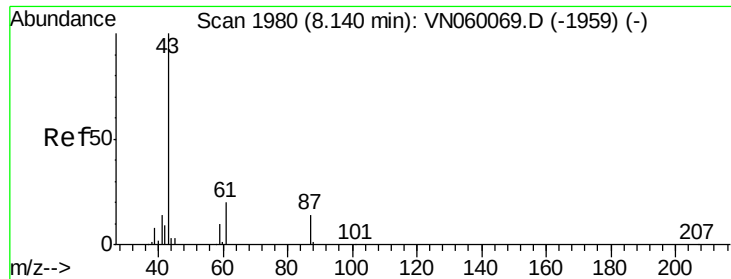


Abundance Ion 116.80 (116.50 to 117.50): VN060069.D (-1840) (-)

Ion 118.80 (118.50 to 119.50): VN060069.D (-1840) (-)

Ion 120.80 (120.50 to 121.50): VN060069.D (-1840) (-)

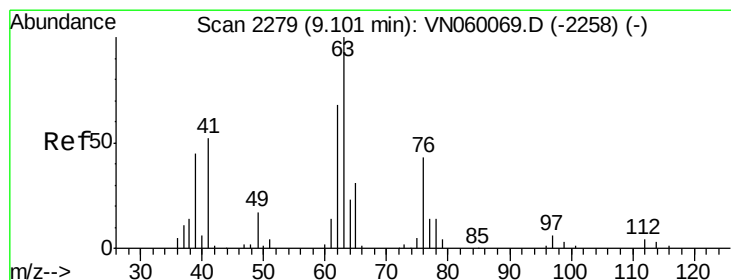
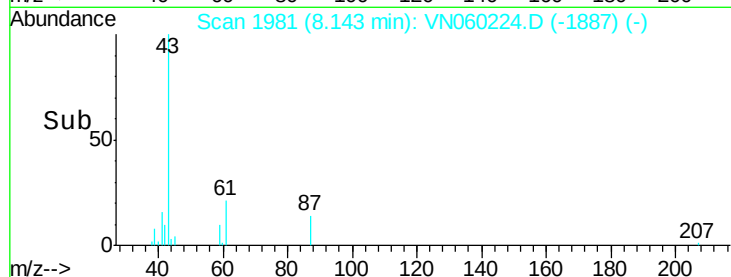
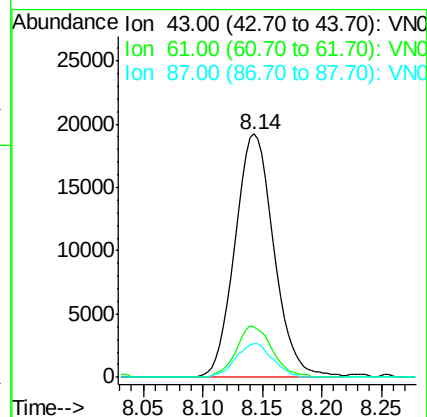
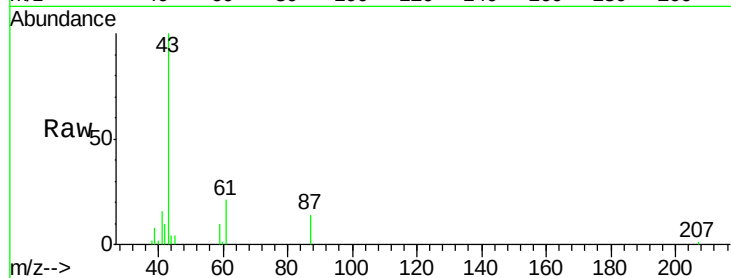




#43
Isopropyl Acetate
Concen: 11.78 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VN060224.D
Acq: 25 Feb 2020 11:26

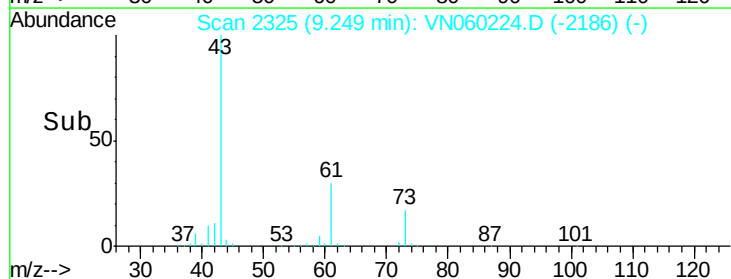
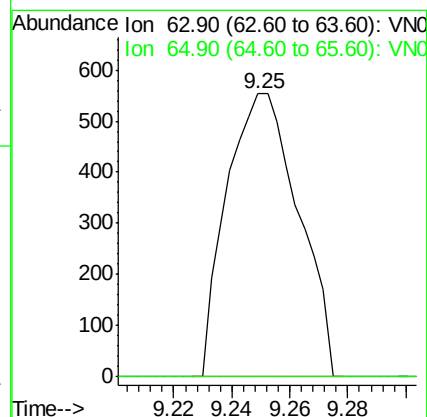
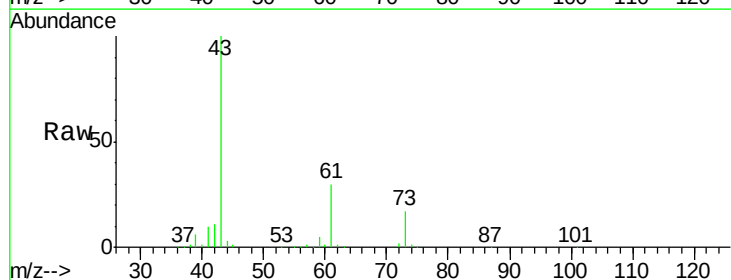
Instrument :
MSVOA_N
ClientSampleId :
PB127055TB

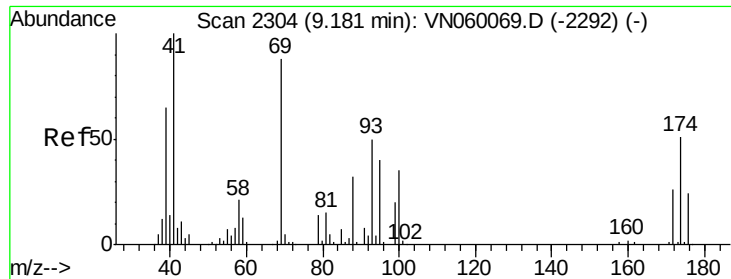
Tgt Ion: 43 Resp: 43754
Ion Ratio Lower Upper
43 100
61 19.5 21.8 32.6#
87 13.0 11.4 17.2



#45
1,2-Dichloropropane
Concen: 0.54 ug/l
RT: 9.25 min Scan# 2325
Delta R.T. 0.15 min
Lab File: VN060224.D
Acq: 25 Feb 2020 11:26

Tgt Ion: 63 Resp: 948
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.4#

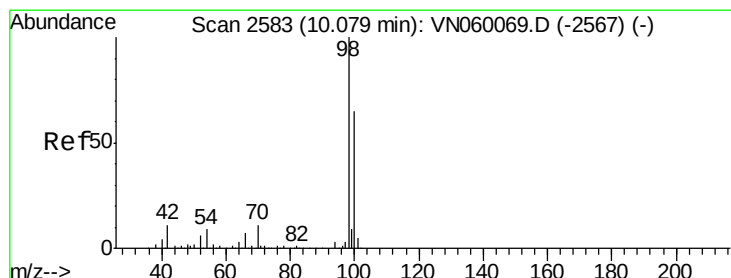
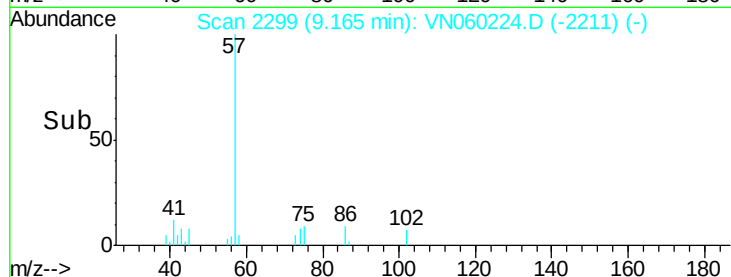
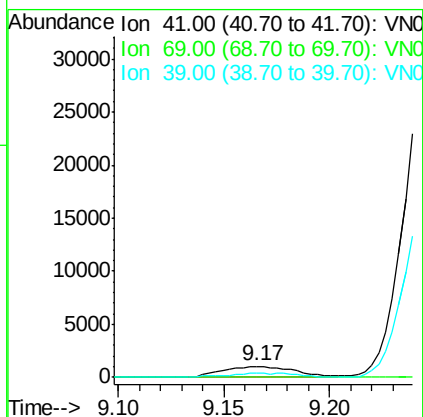
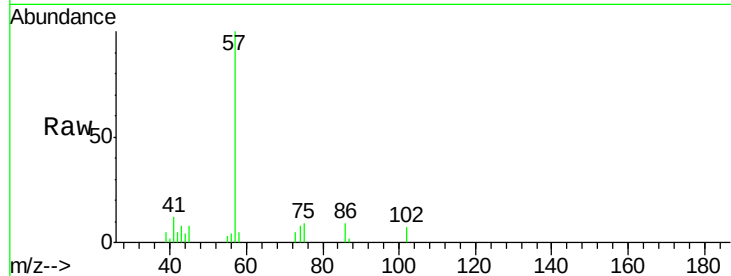




#48
Methyl methacrylate
Concen: 1.48 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.02 min
Lab File: VN060224.D
Acq: 25 Feb 2020 11:26

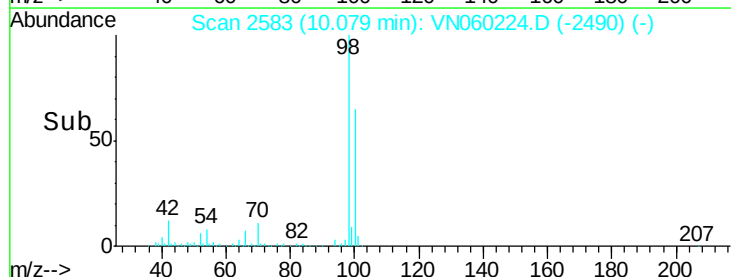
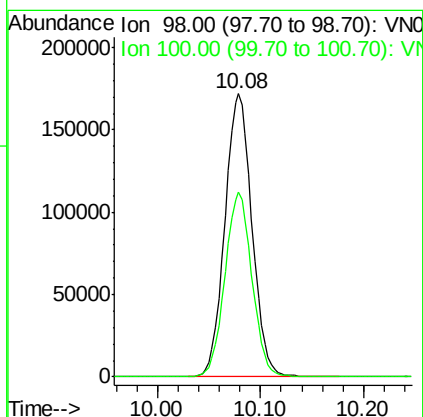
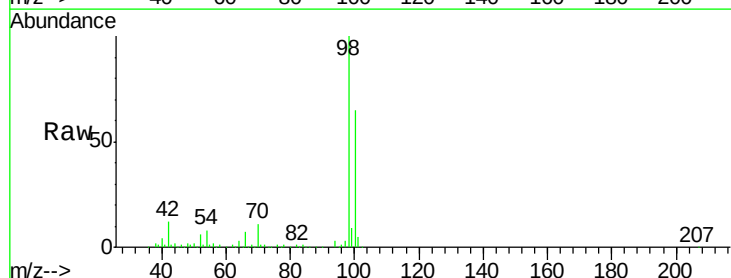
Instrument :
MSVOA_N
ClientSampleId :
PB127055TB

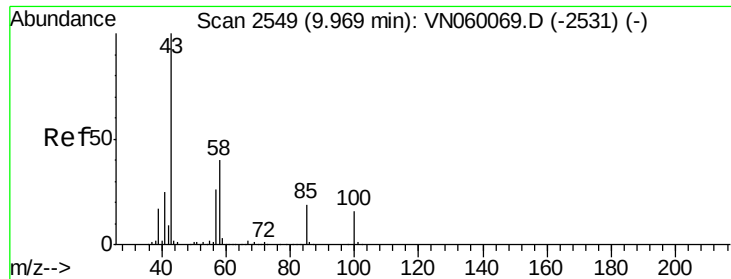
Tgt Ion: 41 Resp: 2466
Ion Ratio Lower Upper
41 100
69 0.0 72.0 108.0#
39 0.0 54.1 81.1#



#50
Toluene-d8
Concen: 50.04 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060224.D
Acq: 25 Feb 2020 11:26

Tgt Ion: 98 Resp: 314277
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5

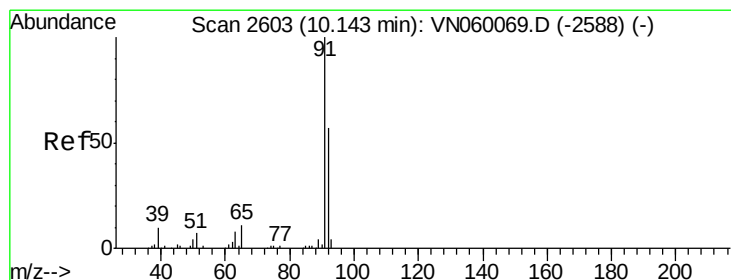
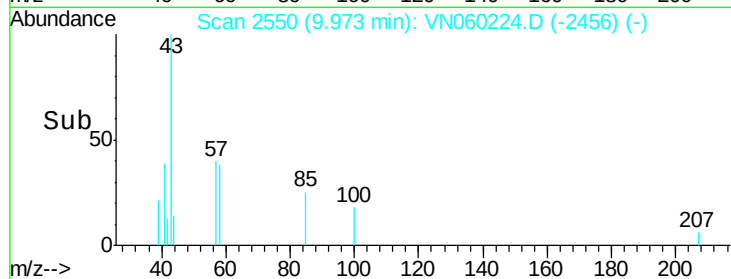
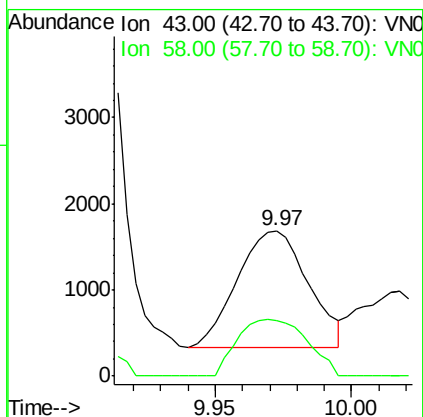
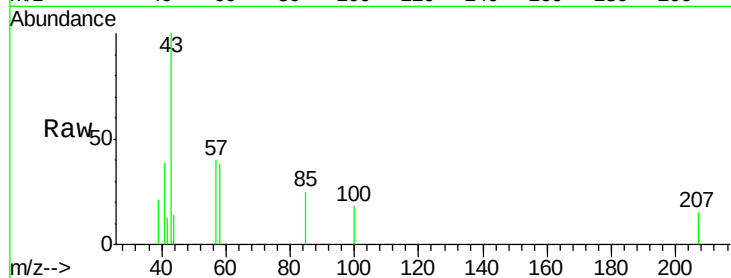




#51
 4-Methyl-2-Pentanone
 Concen: 1.14 ug/l
 RT: 9.97 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: VN060224.D
 Acq: 25 Feb 2020 11:26

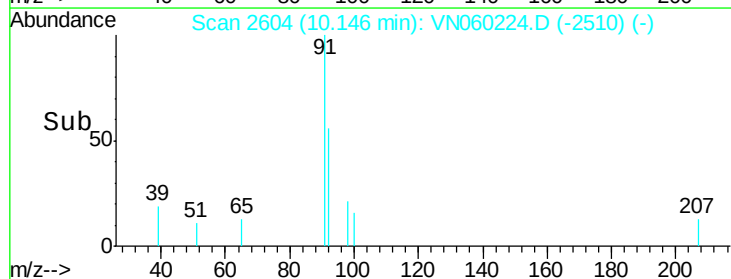
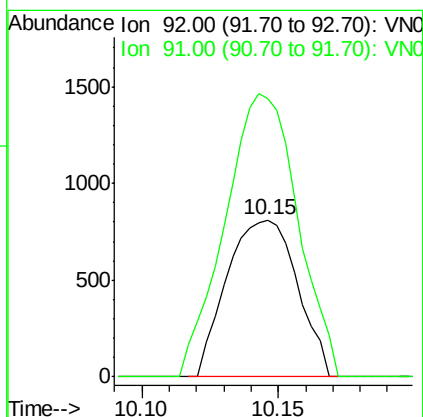
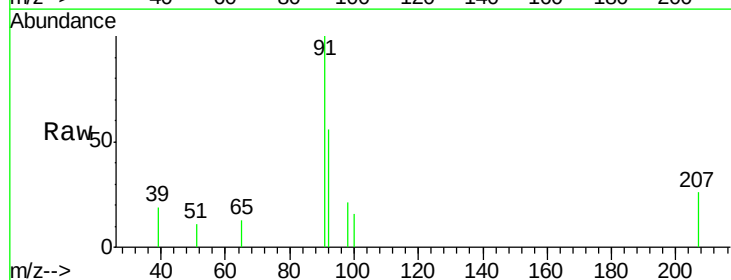
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127055TB

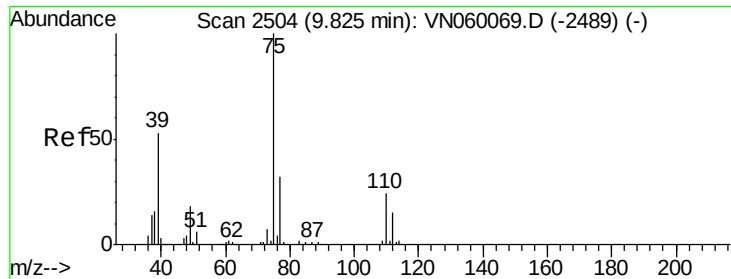
Tgt Ion: 43 Resp: 2452
 Ion Ratio Lower Upper
 43 100
 58 47.5 31.8 47.8



#52
 Toluene
 Concen: 0.32 ug/l
 RT: 10.15 min Scan# 2604
 Delta R.T. 0.00 min
 Lab File: VN060224.D
 Acq: 25 Feb 2020 11:26

Tgt Ion: 92 Resp: 1453
 Ion Ratio Lower Upper
 92 100
 91 185.7 140.9 211.3





#54

cis-1,3-Dichloropropene

Concen: 6.75 ug/l

RT: 9.89 min Scan# 2524

Delta R.T. 0.06 min

Lab File: VN060224.D

Acq: 25 Feb 2020 11:26

Instrument :

MSVOA_N

ClientSampled :

PB127055TB

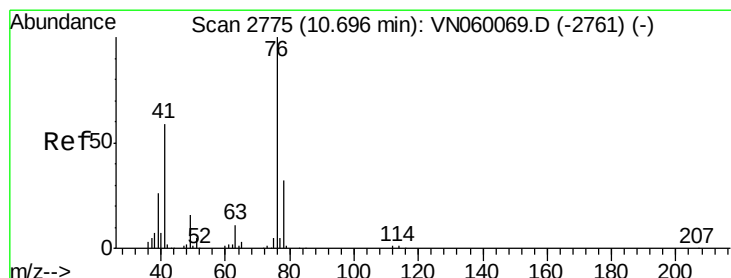
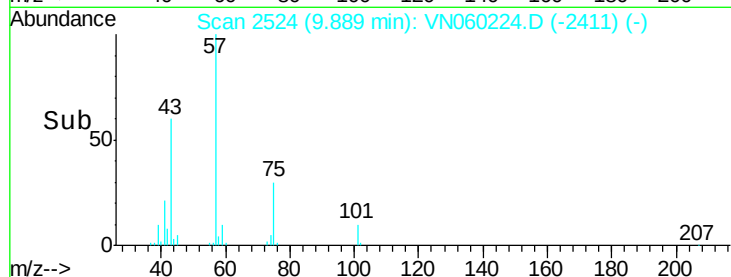
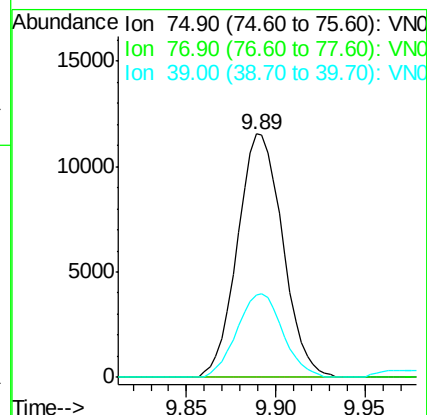
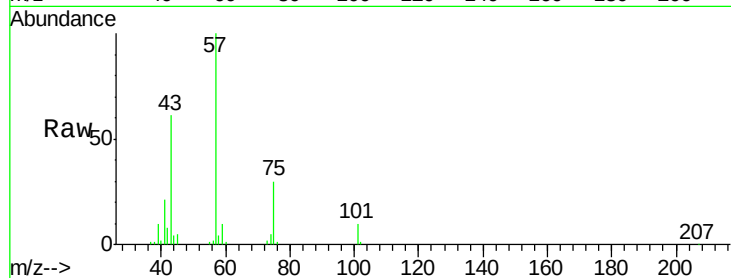
Tgt Ion: 75 Resp: 20342

Ion Ratio Lower Upper

75 100

77 0.0 25.6 38.4#

39 34.0 42.2 63.4#



#57

1,3-Dichloropropane

Concen: 1.21 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.06 min

Lab File: VN060224.D

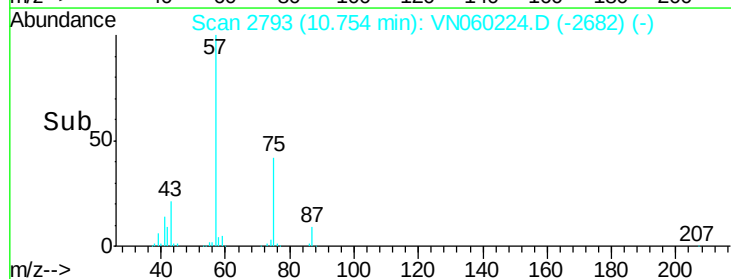
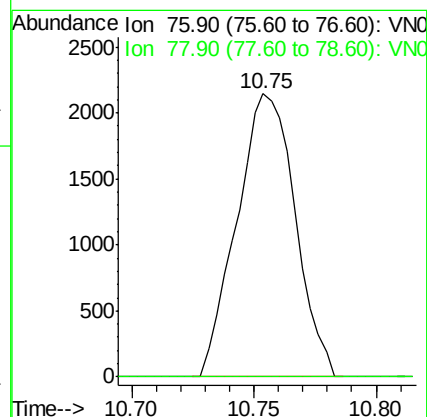
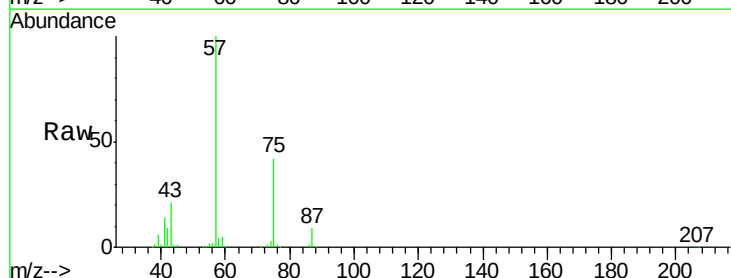
Acq: 25 Feb 2020 11:26

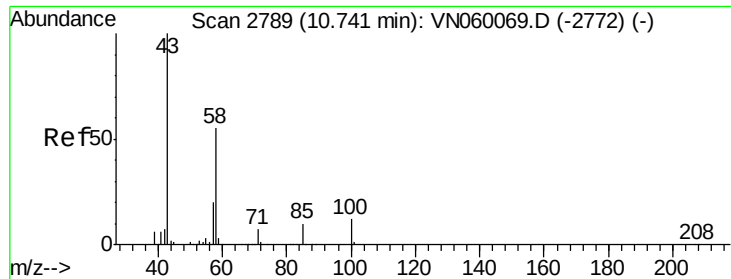
Tgt Ion: 76 Resp: 3549

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#

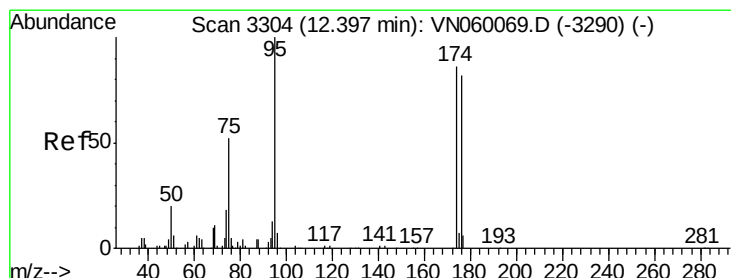
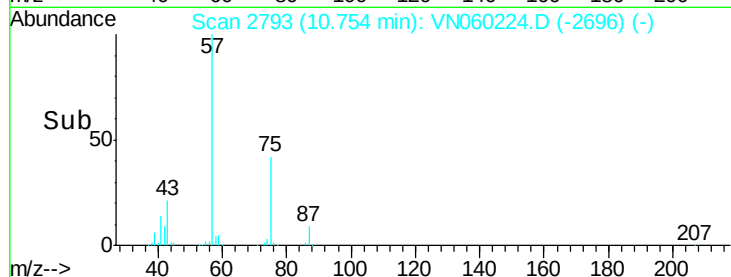
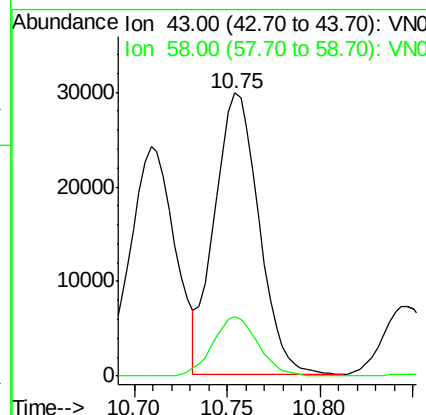
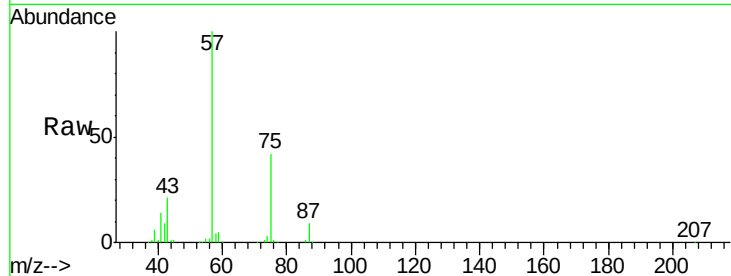




#59
2-Hexanone
Concen: 29.93 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.01 min
Lab File: VN060224.D
Acq: 25 Feb 2020 11:26

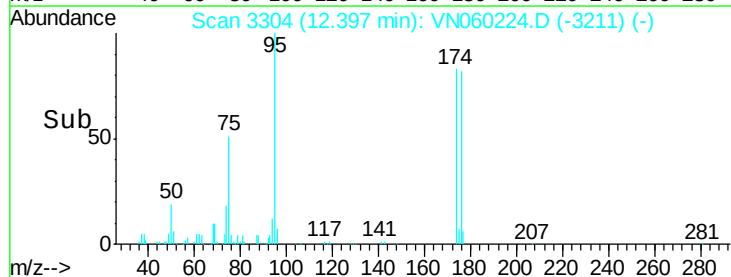
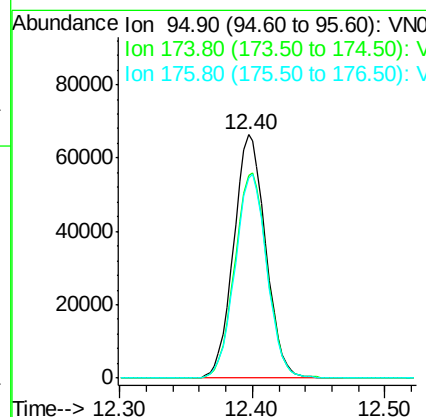
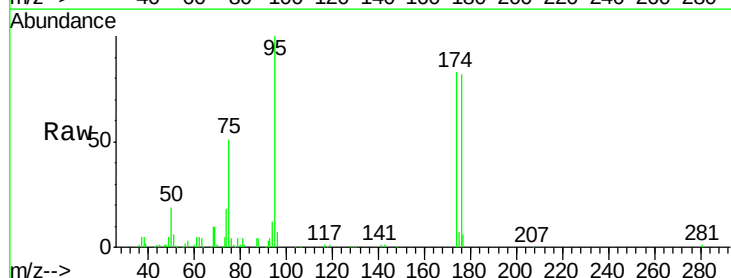
Instrument :
MSVOA_N
ClientSampled :
PB127055TB

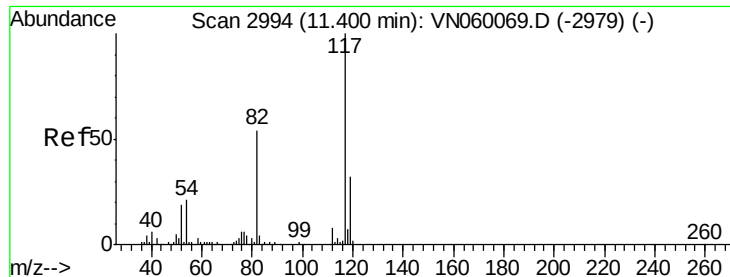
Tgt Ion: 43 Resp: 49683
Ion Ratio Lower Upper
43 100
58 21.5 27.5 82.4#



#62
4-Bromofluorobenzene
Concen: 48.17 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060224.D
Acq: 25 Feb 2020 11:26

Tgt Ion: 95 Resp: 111159
Ion Ratio Lower Upper
95 100
174 85.4 0.0 169.8
176 83.6 0.0 164.8

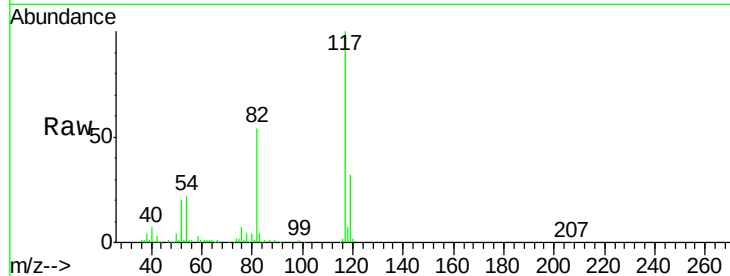




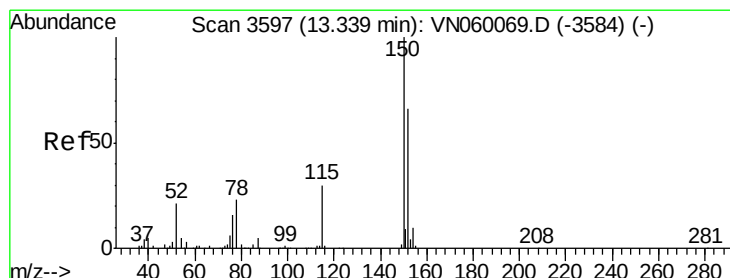
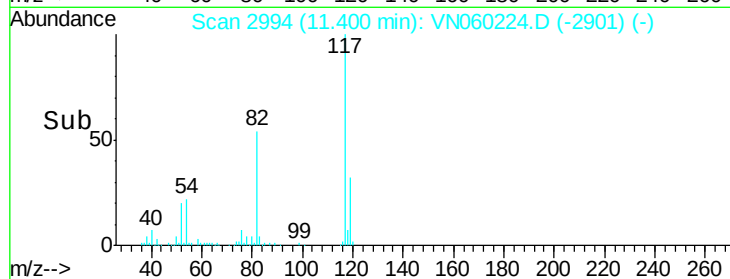
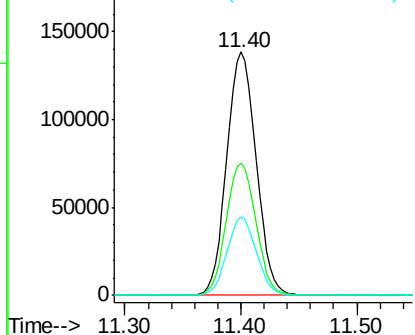
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060224.D
Acq: 25 Feb 2020 11:26

Instrument :
MSVOA_N
ClientSampleId :
PB127055TB

Tgt Ion:117 Resp: 242288
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 32.5 25.8 38.6

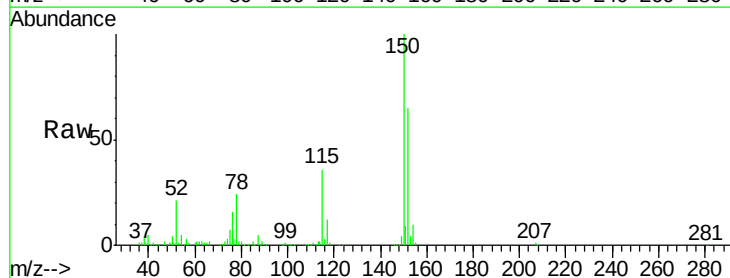


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

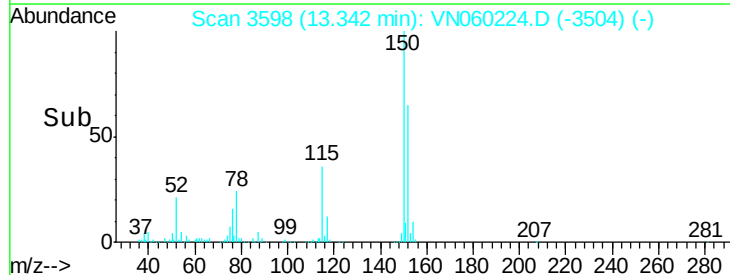
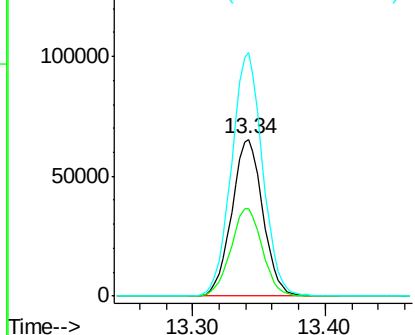


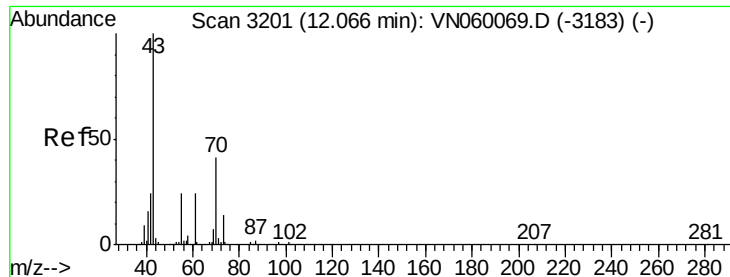
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN060224.D
Acq: 25 Feb 2020 11:26

Tgt Ion:152 Resp: 106378
Ion Ratio Lower Upper
152 100
115 56.6 28.9 86.8
150 155.4 0.0 342.4



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-amyI acetate

Concen: 0.69 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN060224.D

Acq: 25 Feb 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

PB127055TB

Tgt Ion: 43 Resp: 1965

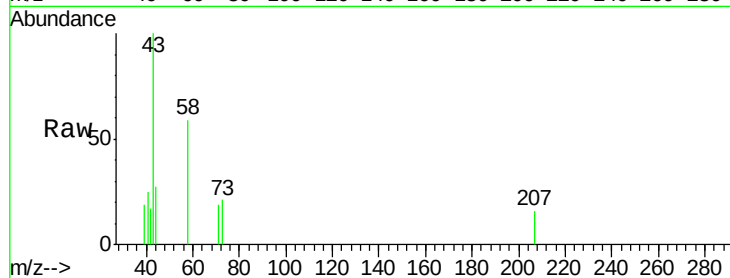
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.0#

55 0.0 18.8 28.2#

61 0.0 19.2 28.8#

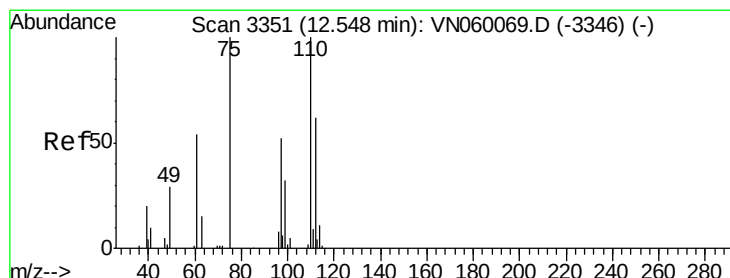
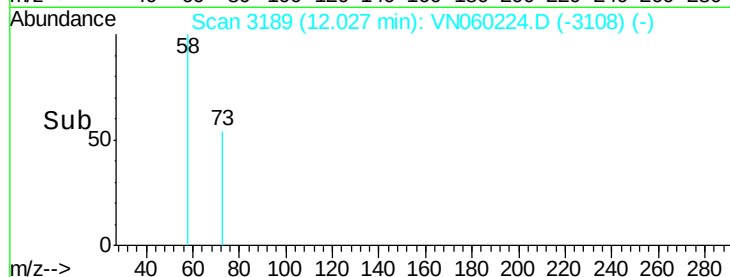
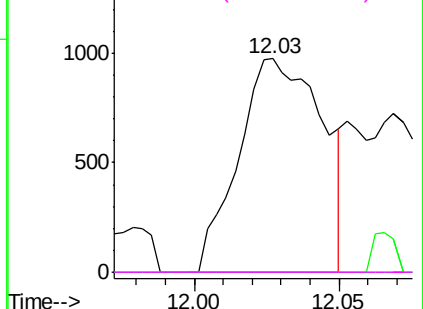


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 27.98 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060224.D

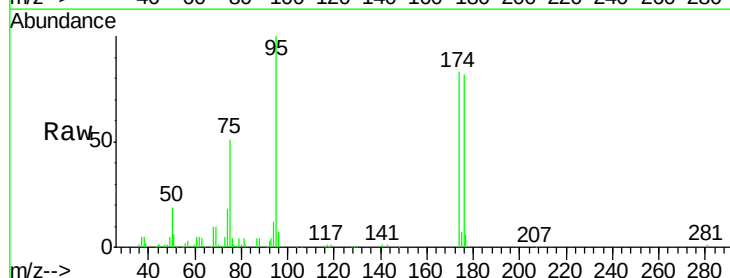
Acq: 25 Feb 2020 11:26

Tgt Ion: 75 Resp: 56944

Ion Ratio Lower Upper

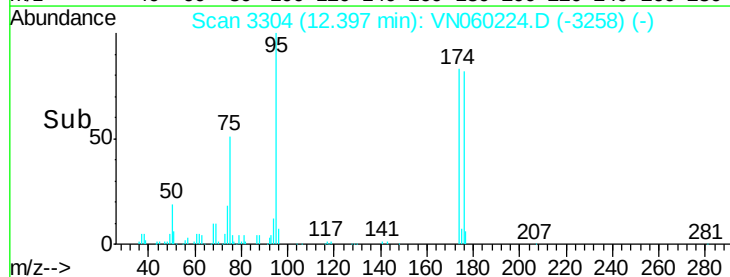
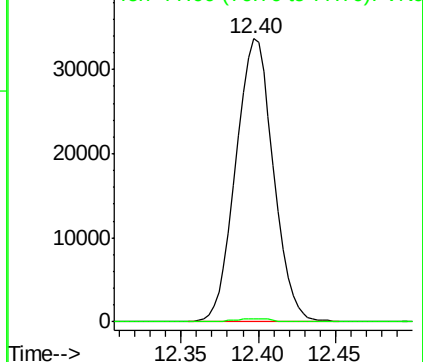
75 100

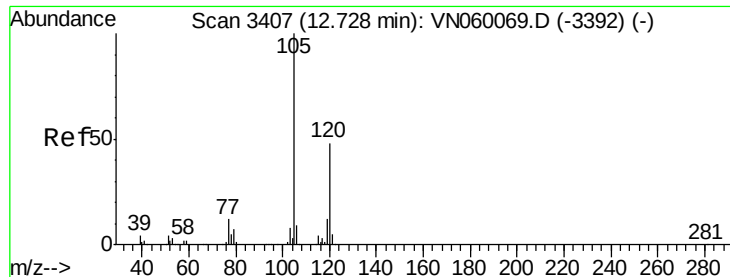
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

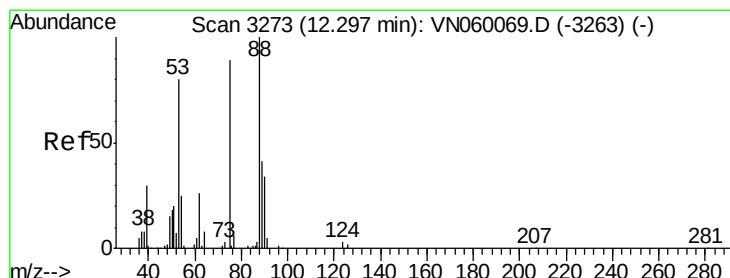
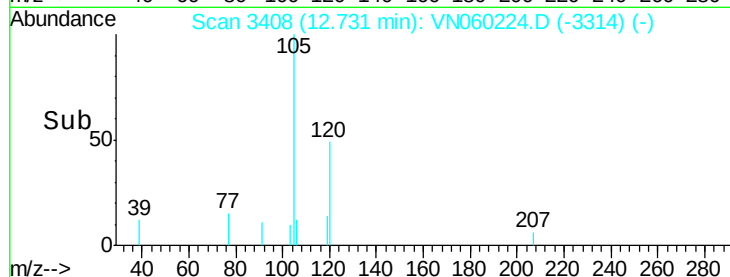
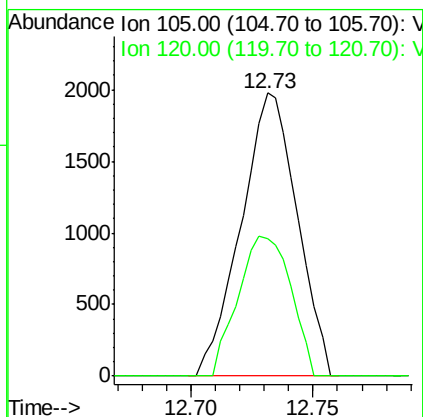
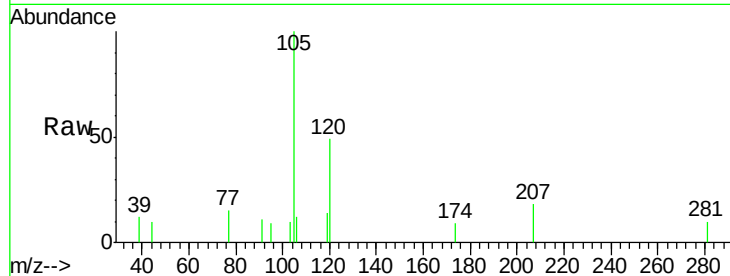




#80
 1,3,5-Trimethylbenzene
 Concen: 0.48 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN060224.D
 Acq: 25 Feb 2020 11:26

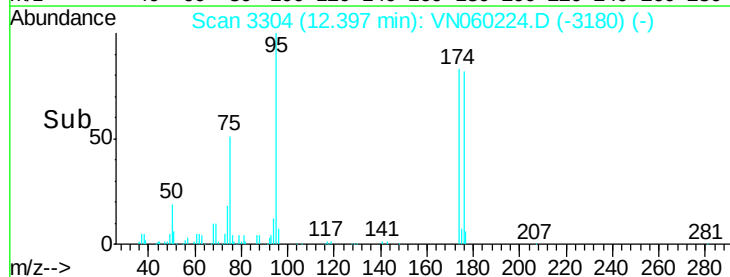
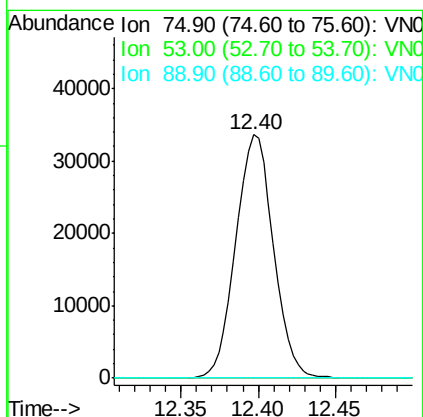
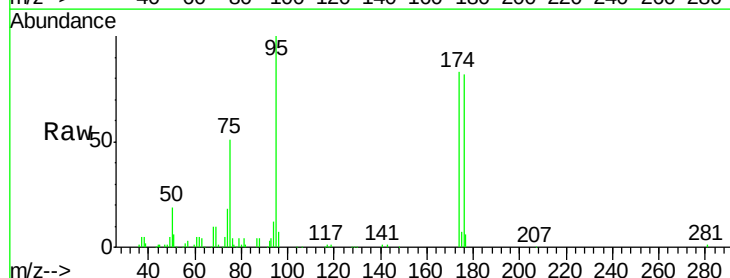
Instrument :
 MSVOA_N
 ClientSampled :
 PB127055TB

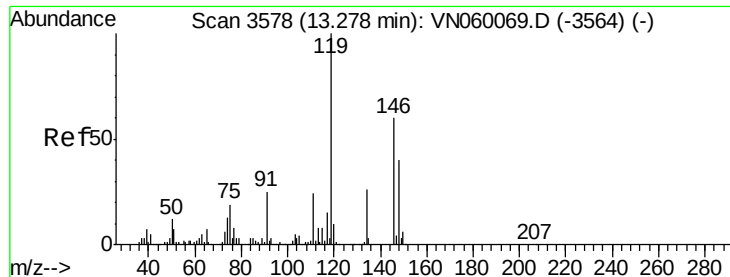
Tgt Ion: 105 Resp: 3153
 Ion Ratio Lower Upper
 105 100
 120 46.5 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.51 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.10 min
 Lab File: VN060224.D
 Acq: 25 Feb 2020 11:26

Tgt Ion: 75 Resp: 56944
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.0 37.0 55.4#

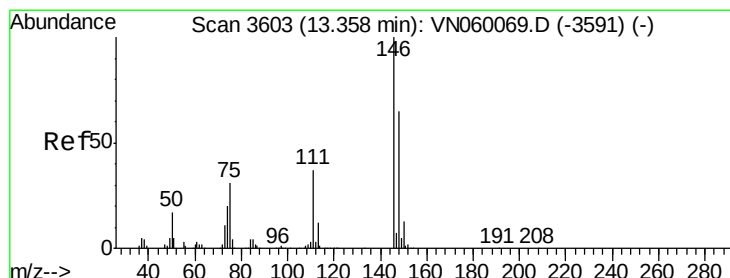
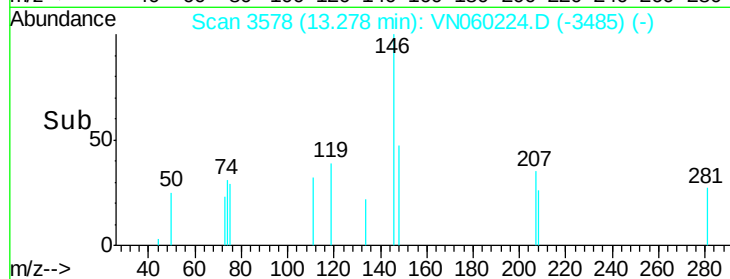
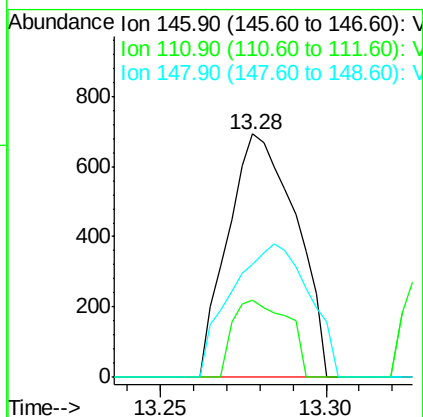
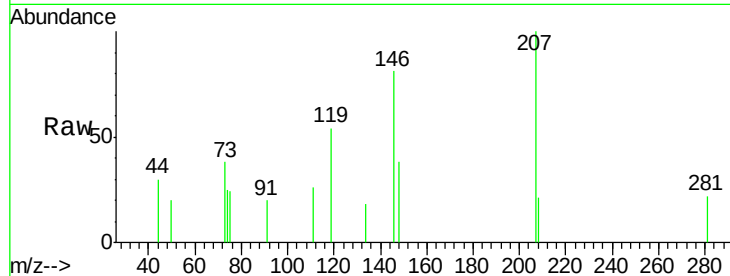




#87
 1,3-Dichlorobenzene
 Concen: 0.28 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060224.D
 Acq: 25 Feb 2020 11:26

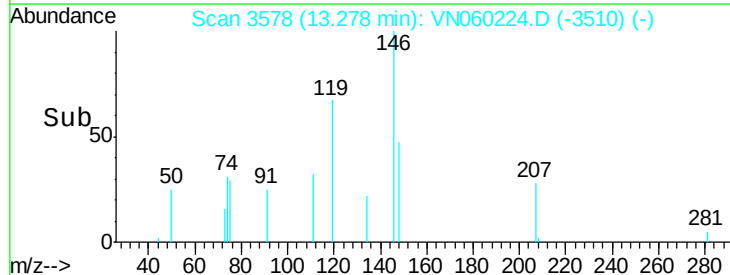
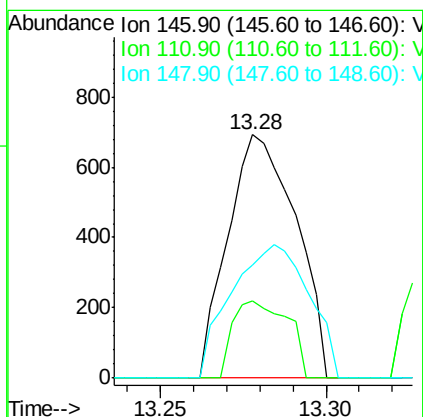
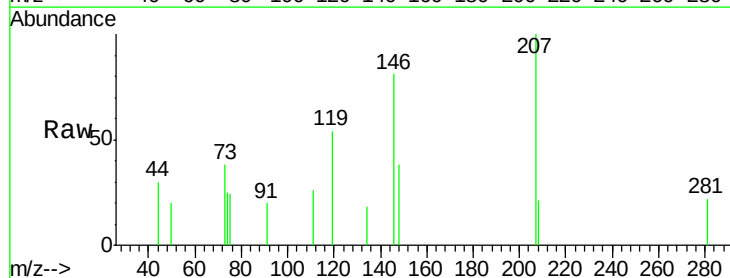
Instrument :
 MSVOA_N
 ClientSampled :
 PB127055TB

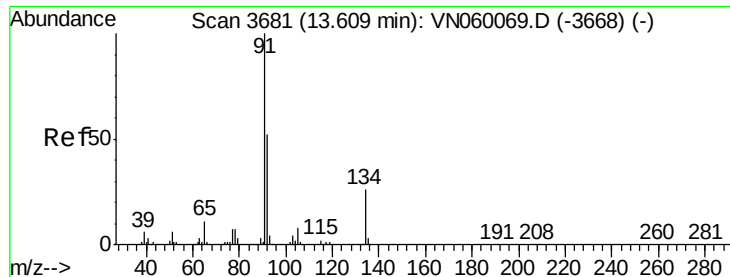
Tgt Ion:146 Resp: 988
 Ion Ratio Lower Upper
 146 100
 111 25.4 19.8 59.3
 148 63.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 0.28 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.08 min
 Lab File: VN060224.D
 Acq: 25 Feb 2020 11:26

Tgt Ion:146 Resp: 988
 Ion Ratio Lower Upper
 146 100
 111 25.4 18.9 56.5
 148 63.1 32.0 96.0





#89

n-Butylbenzene

Concen: 0.37 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060224.D

Acq: 25 Feb 2020 11:26

Instrument :

MSVOA_N

ClientSampled :

PB127055TB

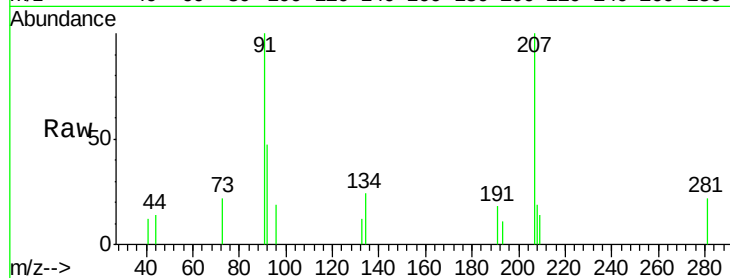
Tgt Ion: 91 Resp: 2299

Ion Ratio Lower Upper

91 100

92 46.0 26.1 78.2

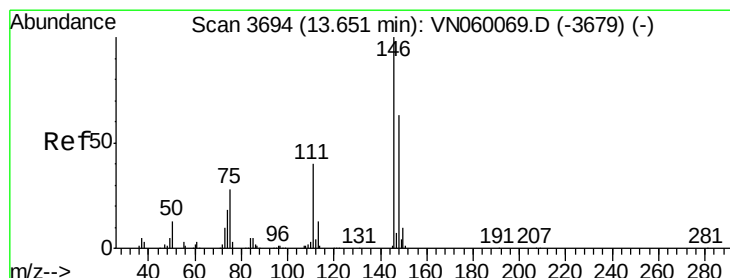
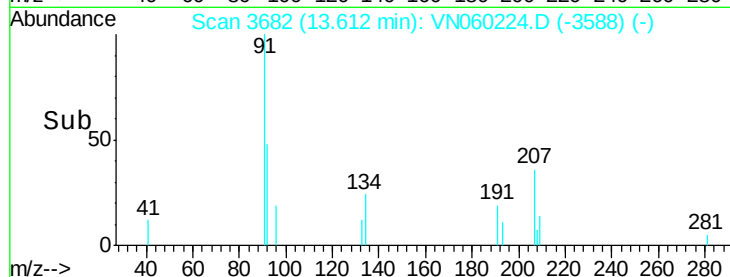
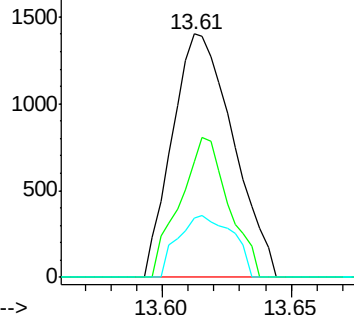
134 22.7 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VN060069.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN060069.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN060069.D (-3668) (-)



#91

1,2-Dichlorobenzene

Concen: 0.28 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060224.D

Acq: 25 Feb 2020 11:26

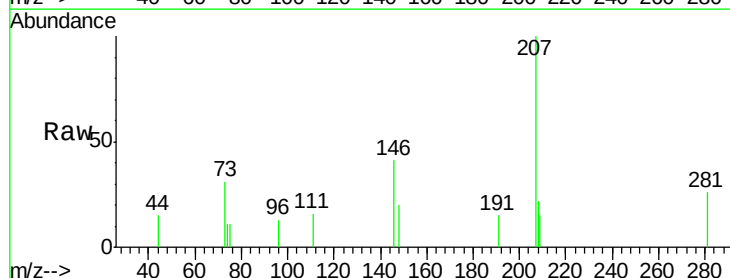
Tgt Ion: 146 Resp: 967

Ion Ratio Lower Upper

146 100

111 31.7 20.1 60.2

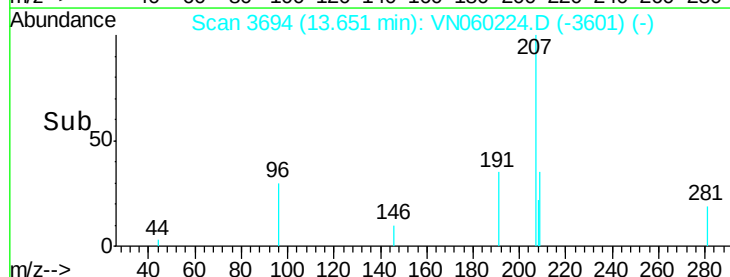
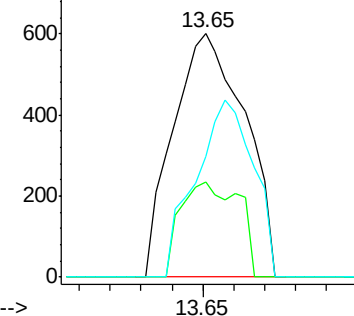
148 58.5 31.9 95.5

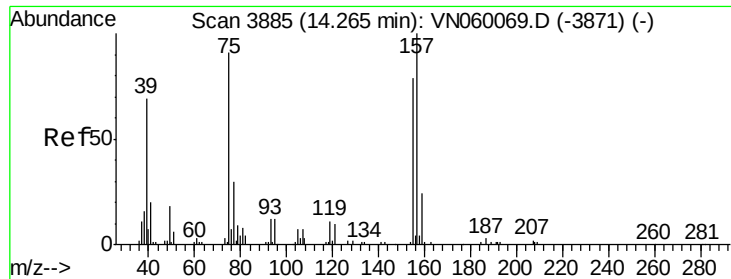


Abundance Ion 145.90 (145.60 to 146.60): VN060069.D (-3679) (-)

Ion 110.90 (110.60 to 111.60): VN060069.D (-3679) (-)

Ion 147.90 (147.60 to 148.60): VN060069.D (-3679) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3883

Delta R.T. -0.01 min

Lab File: VN060224.D

Acq: 25 Feb 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

PB127055TB

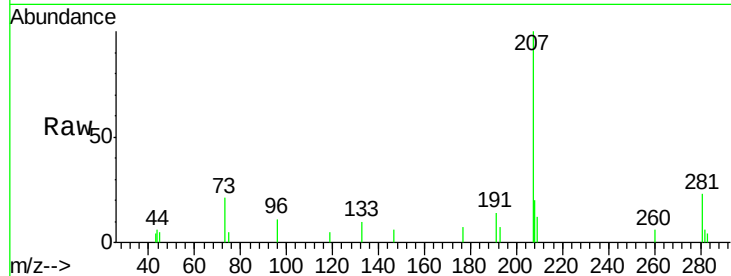
Tgt Ion: 75 Resp: 133

Ion Ratio Lower Upper

75 100

155 0.0 43.0 129.0#

157 0.0 54.9 164.5#

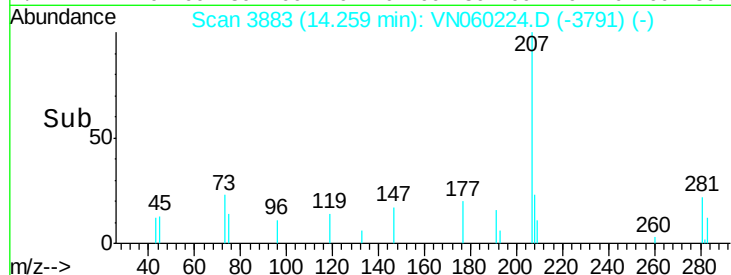


Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-3871) (-)

Ion 154.80 (154.50 to 155.50): VN060069.D (-3871) (-)

Ion 156.80 (156.50 to 157.50): VN060069.D (-3871) (-)

Time-->

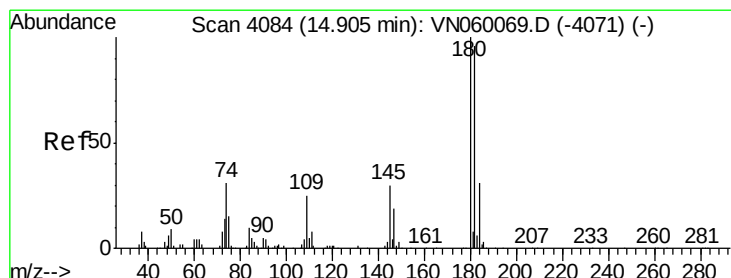


Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-3871) (-)

Ion 154.80 (154.50 to 155.50): VN060069.D (-3871) (-)

Ion 156.80 (156.50 to 157.50): VN060069.D (-3871) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 1.03 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.01 min

Lab File: VN060224.D

Acq: 25 Feb 2020 11:26

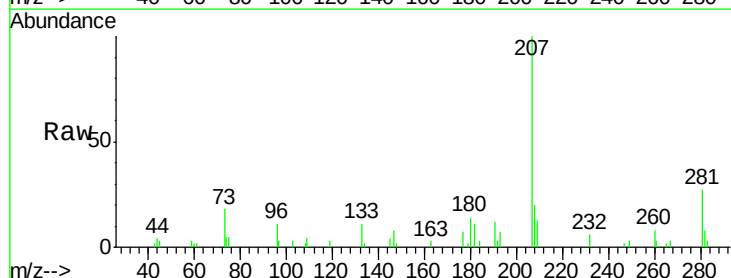
Tgt Ion: 180 Resp: 2073

Ion Ratio Lower Upper

180 100

182 81.1 47.9 143.8

145 26.9 15.2 45.5

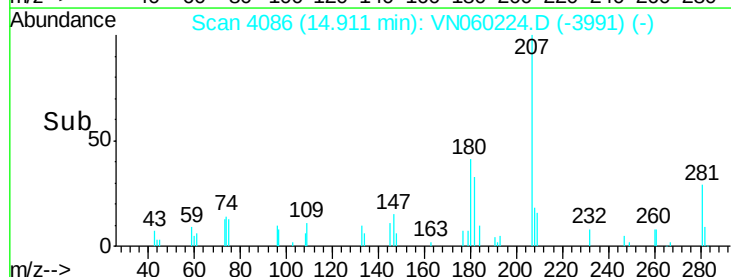


Abundance Ion 179.80 (179.50 to 180.50): VN060069.D (-4071) (-)

Ion 181.80 (181.50 to 182.50): VN060069.D (-4071) (-)

Ion 144.80 (144.50 to 145.50): VN060069.D (-4071) (-)

Time-->

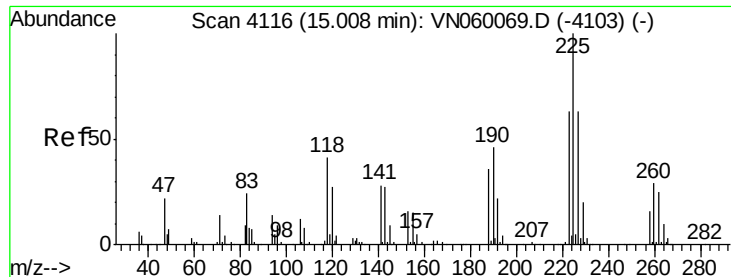


Abundance Ion 179.80 (179.50 to 180.50): VN060069.D (-4071) (-)

Ion 181.80 (181.50 to 182.50): VN060069.D (-4071) (-)

Ion 144.80 (144.50 to 145.50): VN060069.D (-4071) (-)

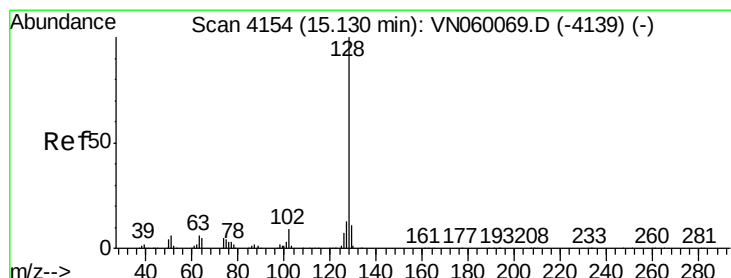
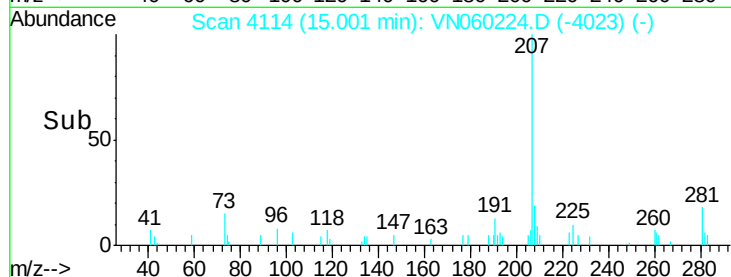
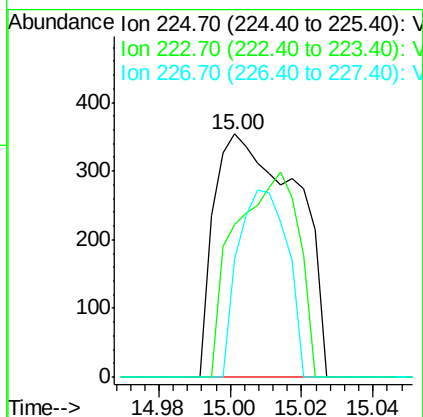
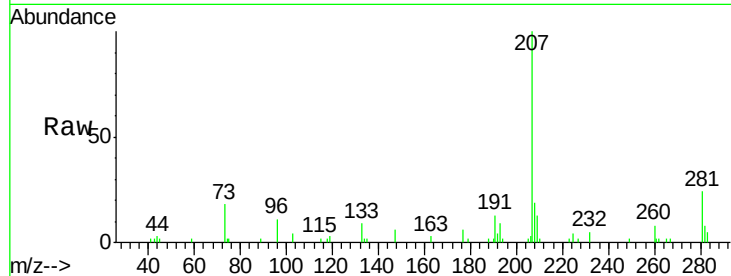
Time-->



#94
Hexachlorobutadiene
Concen: 0.48 ug/l
RT: 15.00 min Scan# 4114
Delta R.T. -0.01 min
Lab File: VN060224.D
Acq: 25 Feb 2020 11:26

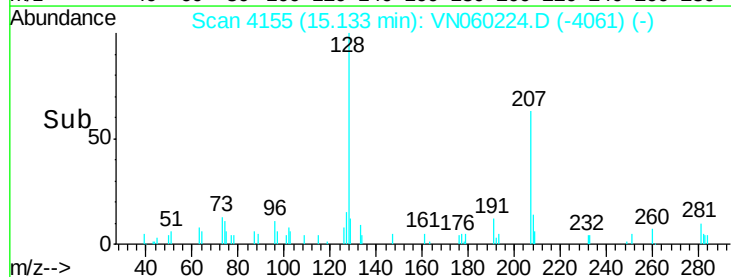
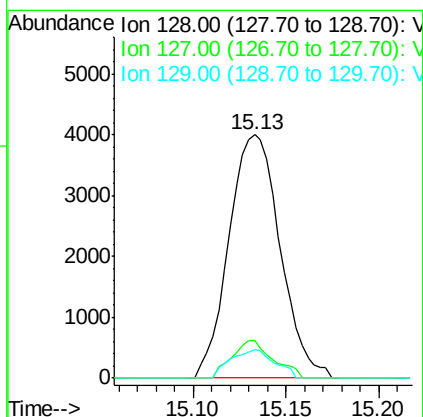
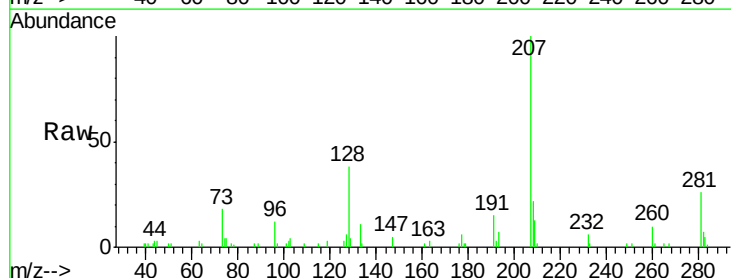
Instrument :
MSVOA_N
ClientSampleId :
PB127055TB

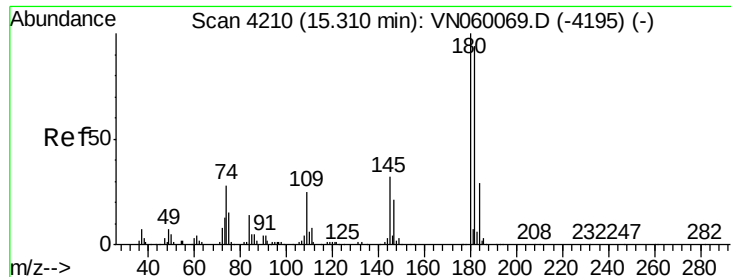
Tgt Ion: 225 Resp: 563
Ion Ratio Lower Upper
225 100
223 65.7 31.5 94.5
227 46.0 31.8 95.4



#95
Naphthalene
Concen: 1.41 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN060224.D
Acq: 25 Feb 2020 11:26

Tgt Ion: 128 Resp: 7665
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.1 8.6 13.0

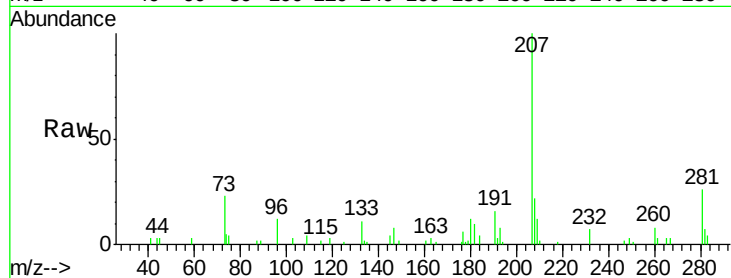




#96
 1,2,3-Trichlorobenzene
 Concen: 1.13 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN060224.D
 Acq: 25 Feb 2020 11:26

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127055TB

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	47.5	142.5
145	35.5	16.1	48.3



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

