

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073020\
 Data File : VN062669.D
 Acq On : 30 Jul 2020 14:17
 Operator : JC/MD
 Sample : L3484-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 82-56

Quant Time: Jul 31 05:12:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	132644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	238770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	242878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	93668	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	113898	55.28	ug/l	0.00
Spiked Amount			Recovery	=	110.56%	
35) Dibromofluoromethane	7.55	113	80205	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	
50) Toluene-d8	10.06	98	324862	51.91	ug/l	0.00
Spiked Amount			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.38	95	118836	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	

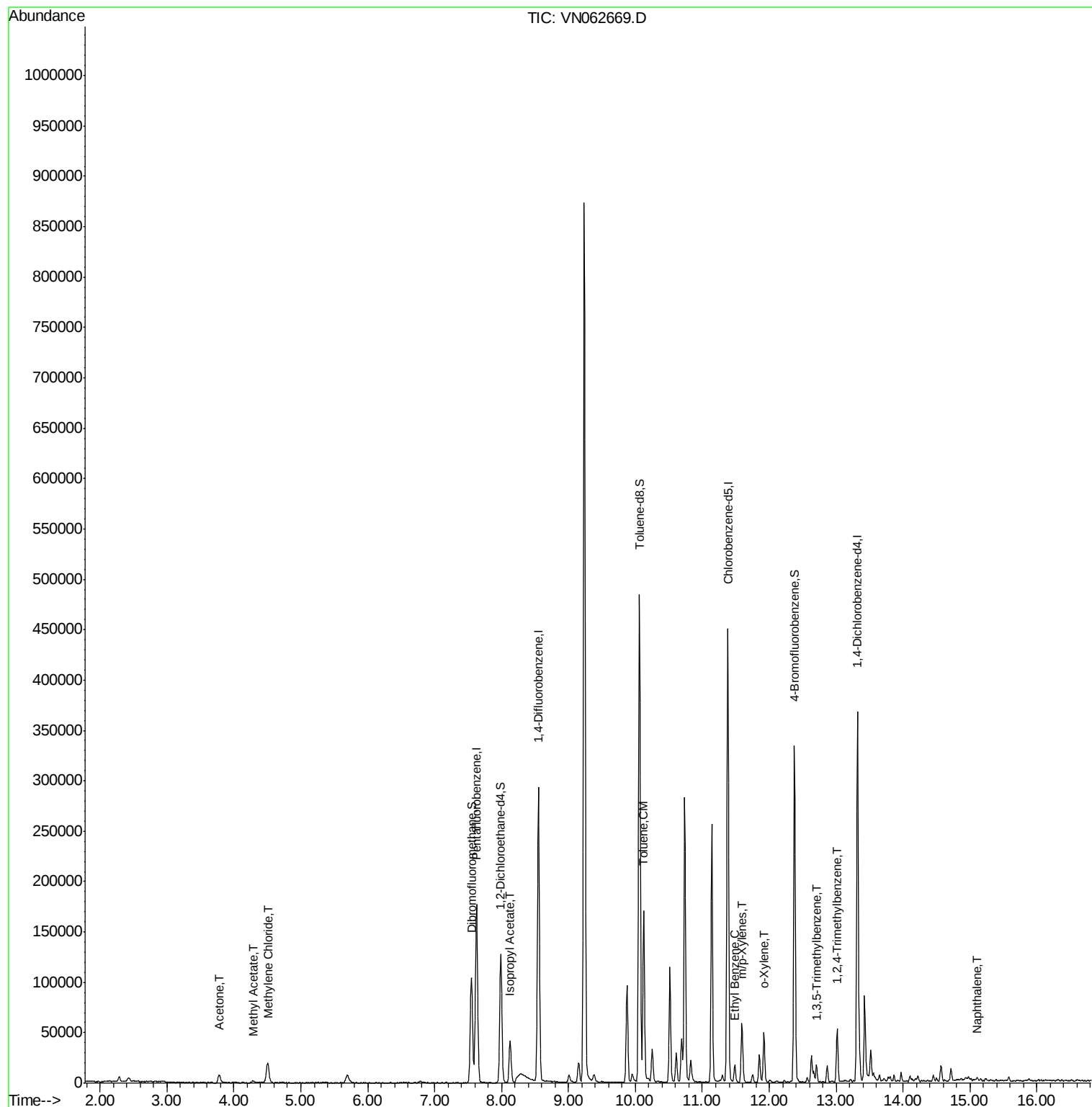
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	14483	18.678	ug/l	96
18) Methyl Acetate	4.29	43	4310	2.196	ug/l #	81
20) Methylene Chloride	4.50	84	14486	7.789	ug/l	94
43) Isopropyl Acetate	8.13	43	48555	10.979	ug/l #	92
52) Toluene	10.13	92	72091	16.113	ug/l	99
67) Ethyl Benzene	11.49	91	12543	1.344	ug/l	98
68) m/p-Xylenes	11.59	106	17870	5.325	ug/l	99
69) o-Xylene	11.92	106	12569	3.945	ug/l	95
80) 1,3,5-Trimethylbenzene	12.71	105	6961	1.133	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	28670	4.757	ug/l	99
95) Naphthalene	15.10	128	3706	4.584	ug/l	97

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

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MSVOA_N
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82-56

Quant Time: Jul 31 05:12:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

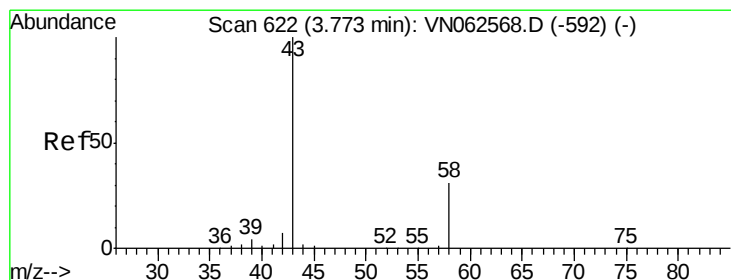
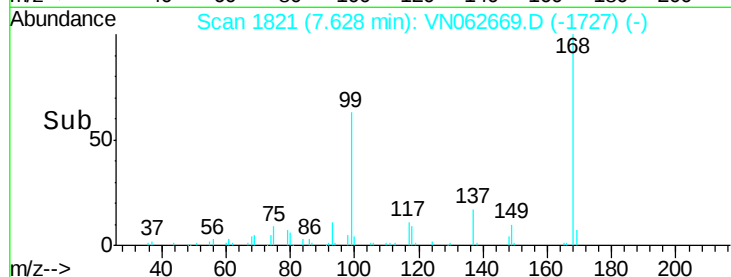
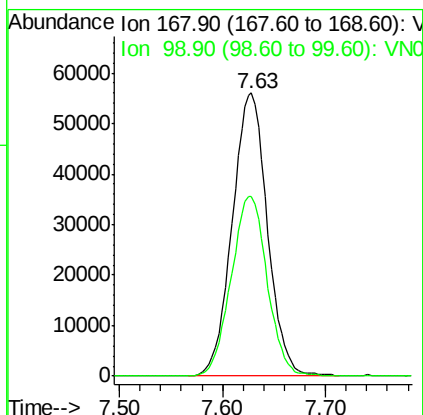
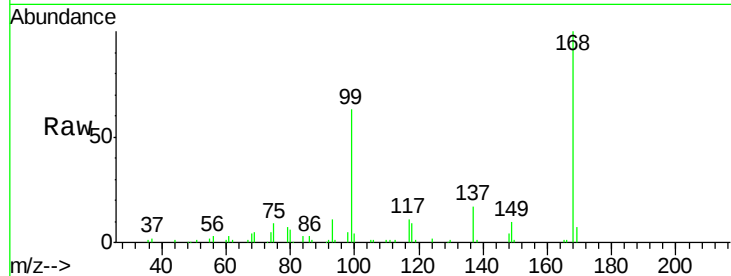




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VN062669.D
Acq: 30 Jul 2020 14:17

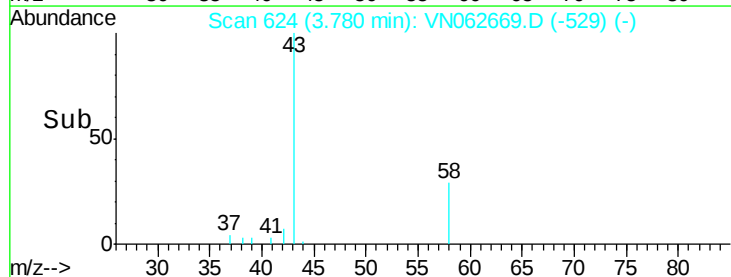
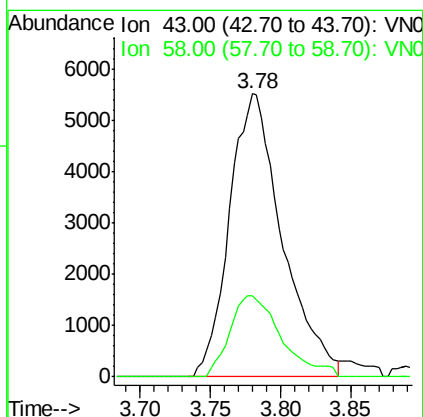
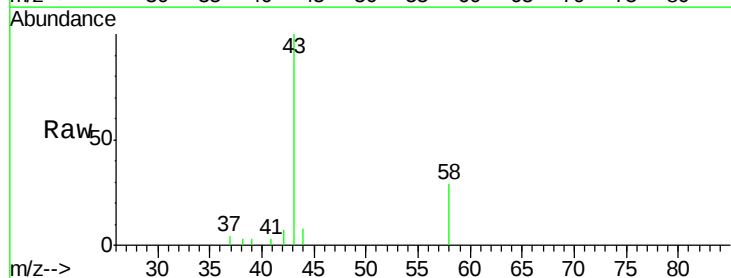
Instrument :
MSVOA_N
ClientSampled :
82-56

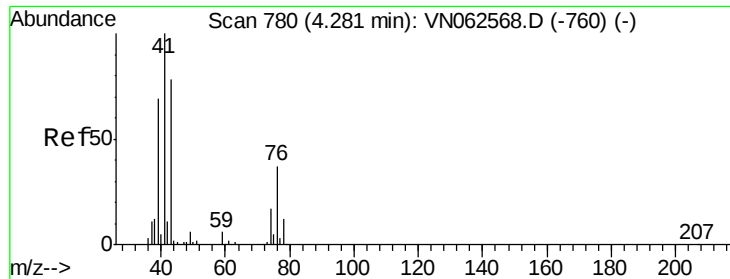
Tot Ion:168 Resp: 132644
Ion Ratio Lower Upper
168 100
99 63.4 48.4 72.6



#16
Acetone
Concen: 18.678 ug/l
RT: 3.78 min Scan# 624
Delta R.T. 0.01 min
Lab File: VN062669.D
Acq: 30 Jul 2020 14:17

Tgt Ion: 43 Resp: 14483
Ion Ratio Lower Upper
43 100
58 28.8 24.6 37.0

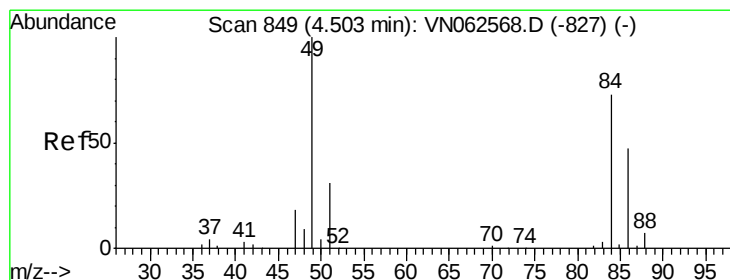
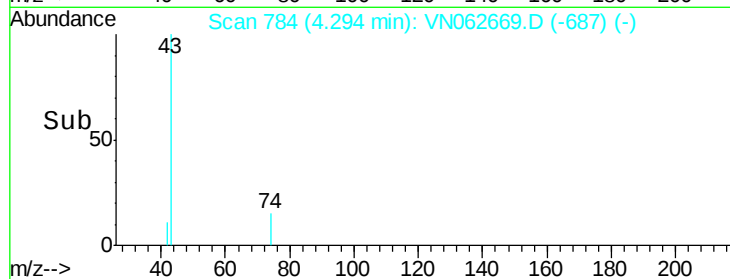
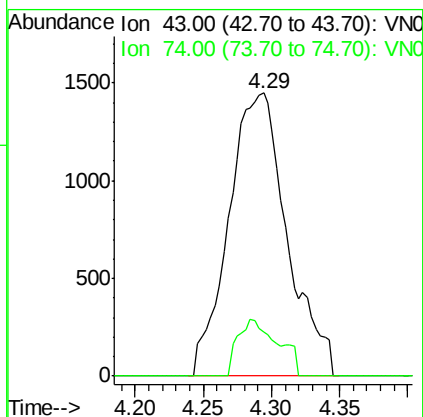
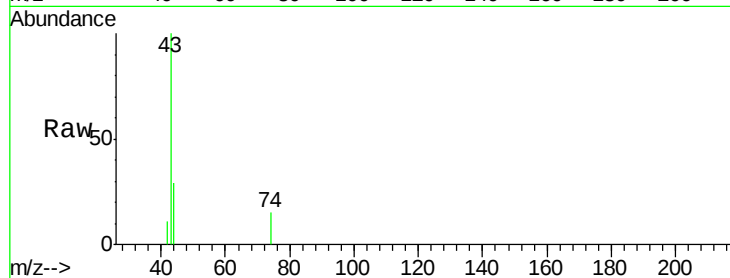




#18
Methyl Acetate
Concen: 2.196 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.01 min
Lab File: VN062669.D
Acq: 30 Jul 2020 14:17

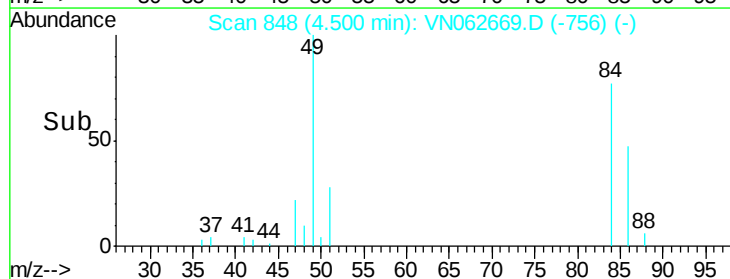
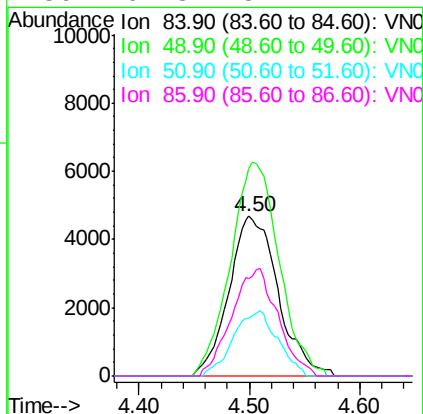
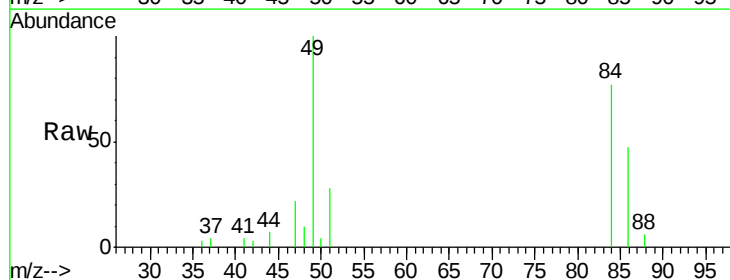
Instrument :
MSVOA_N
ClientSampled :
82-56

Tot Ion: 43 Resp: 4310
Ion Ratio Lower Upper
43 100
74 11.6 16.6 24.8#



#20
Methylene Chloride
Concen: 7.789 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062669.D
Acq: 30 Jul 2020 14:17

Tgt Ion: 84 Resp: 14486
Ion Ratio Lower Upper
84 100
49 129.7 109.4 164.0
51 36.3 33.6 50.4
86 61.3 51.4 77.2

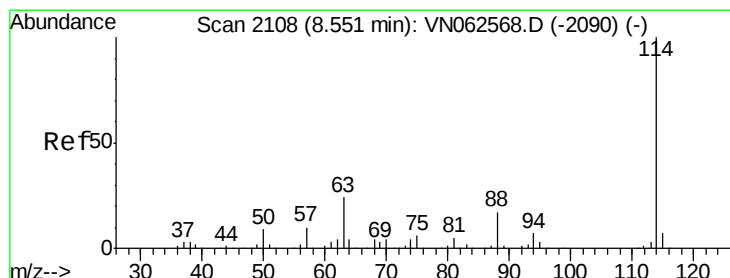
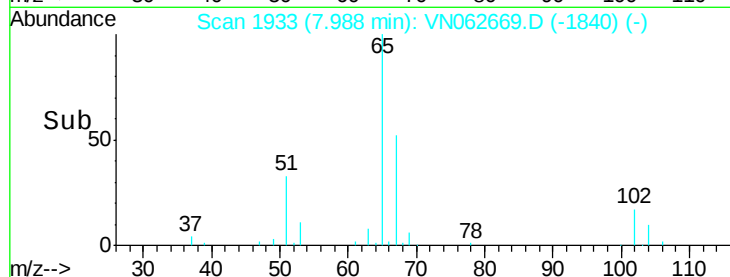
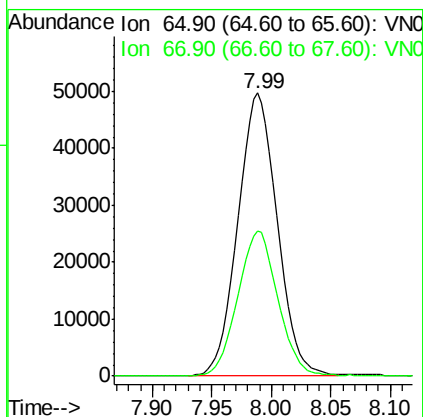
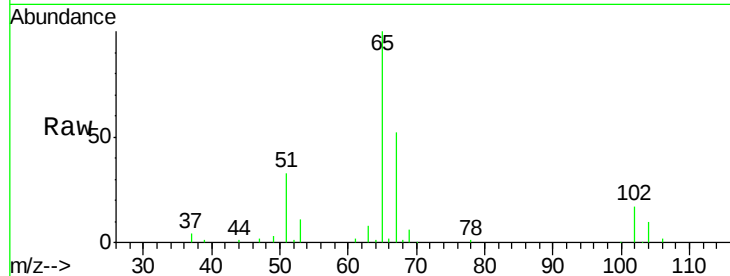




#33
 1,2-Dichloroethane-d4
 Concen: 55.275 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062669.D
 Acq: 30 Jul 2020 14:17

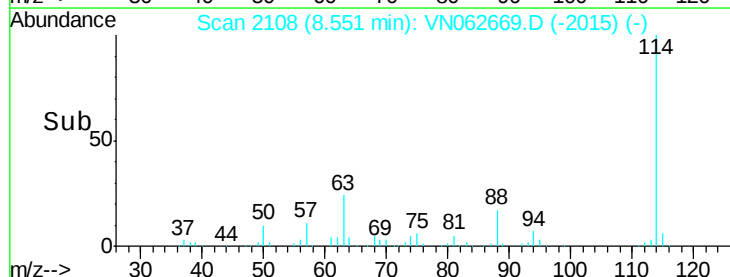
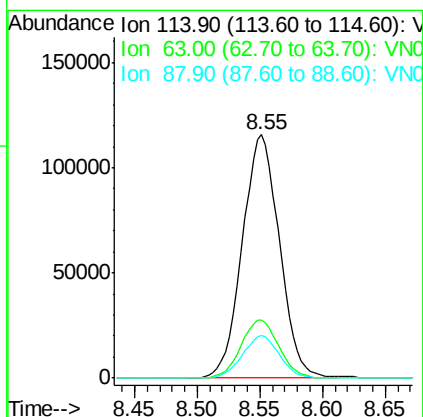
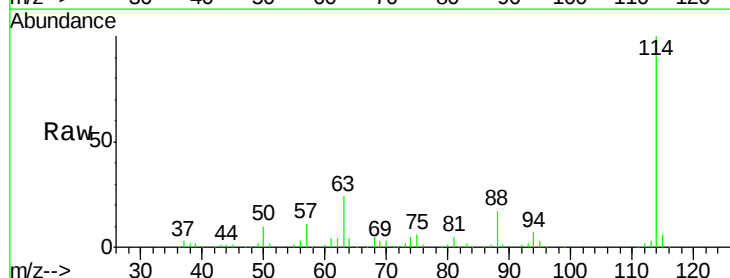
Instrument :
 MSVOA_N
 ClientSampled :
 82-56

Tot Ion: 65 Resp: 113898
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062669.D
 Acq: 30 Jul 2020 14:17

Tgt Ion: 114 Resp: 238770
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 48.4
 88 17.3 0.0 33.8

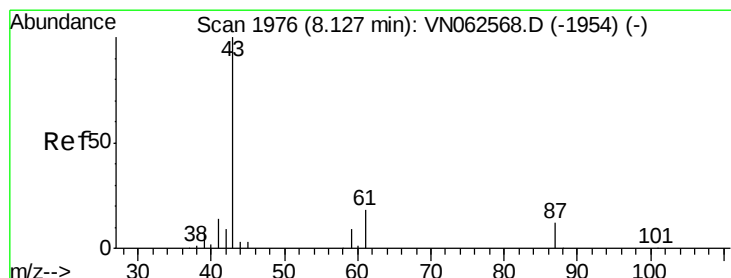
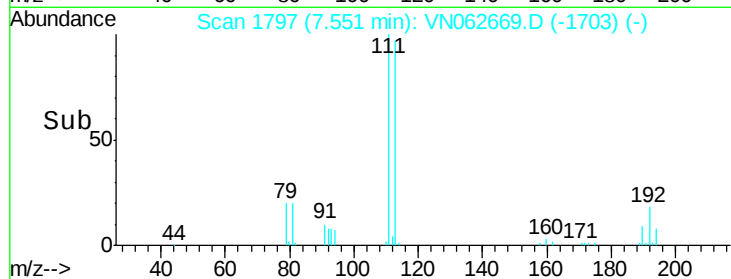
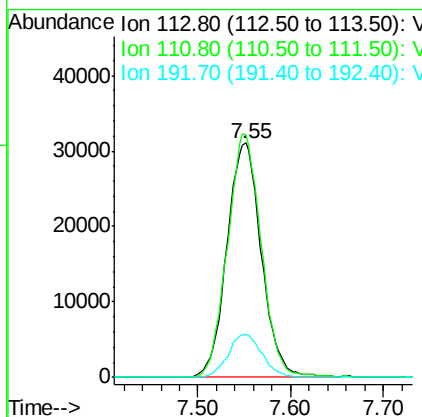
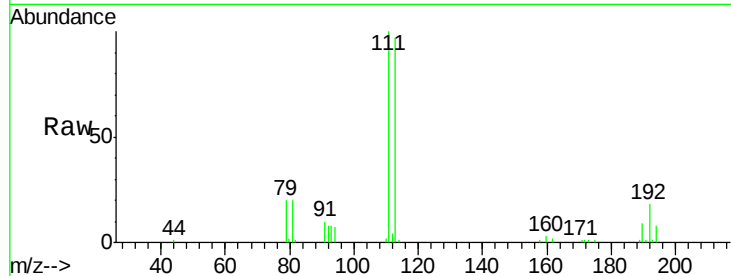




#35
 Dibromofluoromethane
 Concen: 51.139 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062669.D
 Acq: 30 Jul 2020 14:17

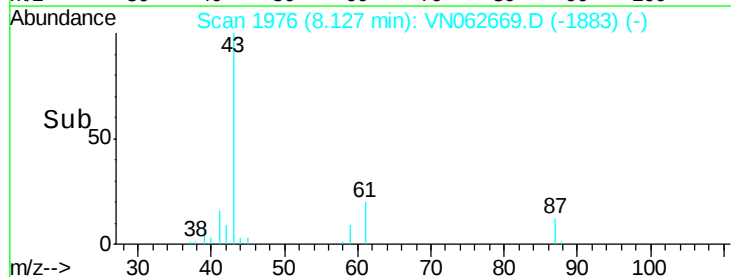
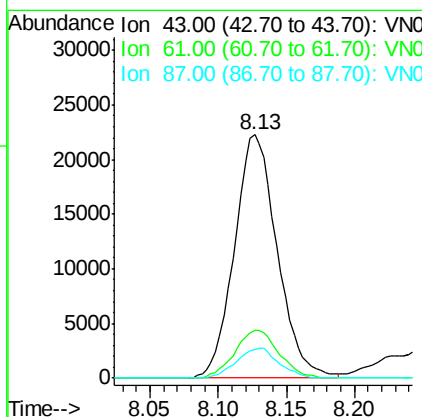
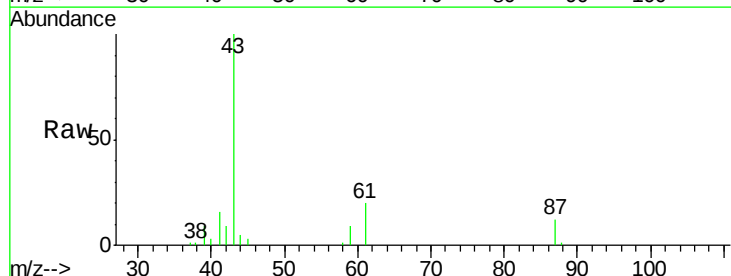
Instrument :
 MSVOA_N
 ClientSampleId :
 82-56

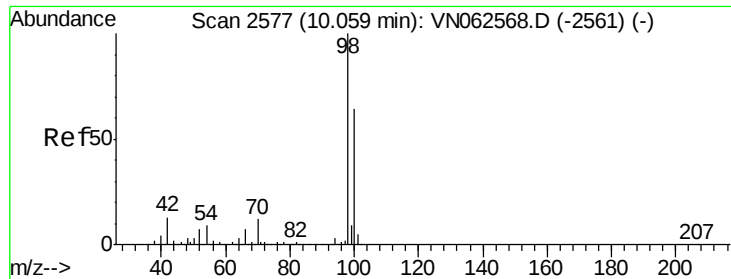
Tot Ion:113 Resp: 80205
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.7 124.1
 192 17.9 14.8 22.2



#43
 Isopropyl Acetate
 Concen: 10.979 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062669.D
 Acq: 30 Jul 2020 14:17

Tgt Ion: 43 Resp: 48555
 Ion Ratio Lower Upper
 43 100
 61 20.1 20.8 31.2#
 87 12.0 9.2 13.8





#50

Toluene-d8

Concen: 51.914 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062669.D

Acq: 30 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampled :

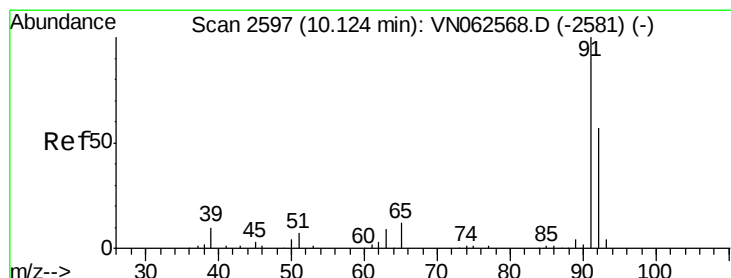
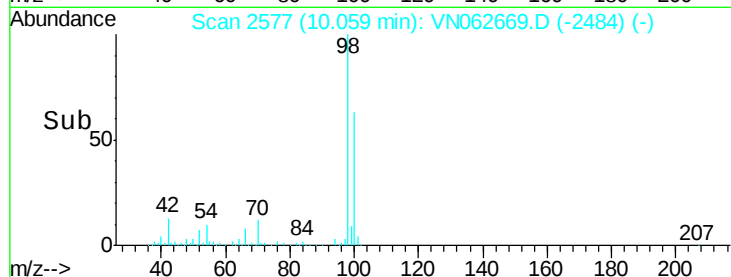
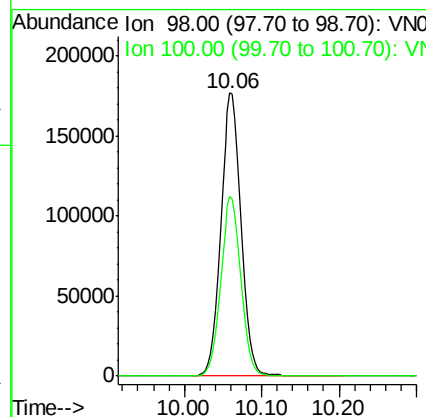
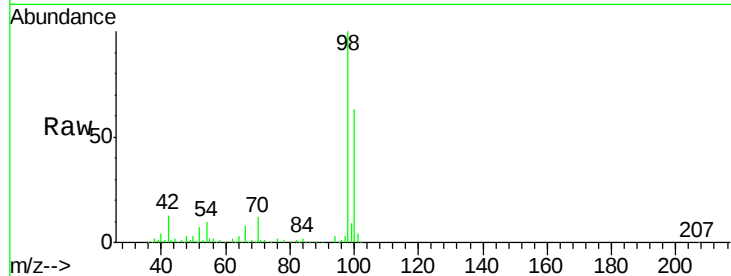
82-56

Tot Ion: 98 Resp: 324862

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3



#52

Toluene

Concen: 16.113 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN062669.D

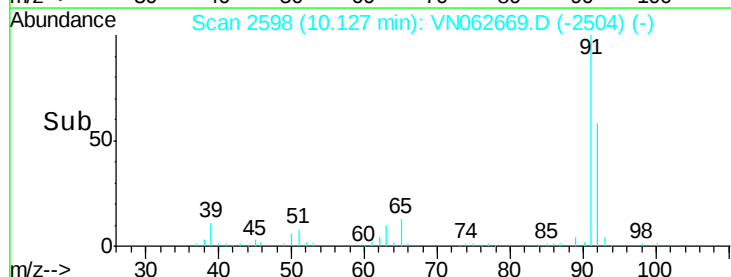
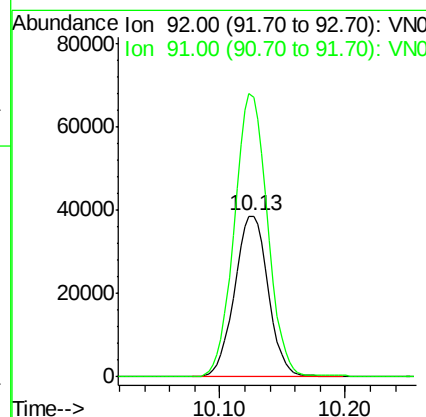
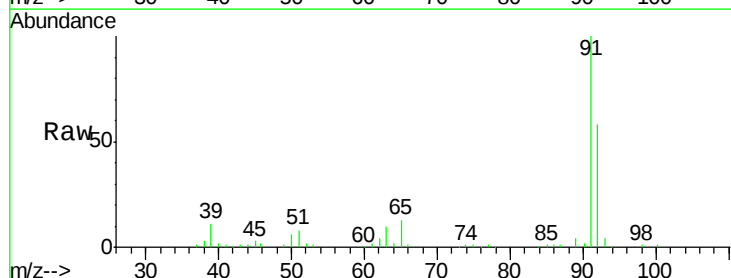
Acq: 30 Jul 2020 14:17

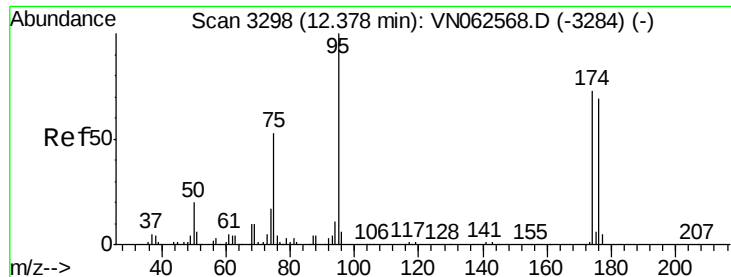
Tgt Ion: 92 Resp: 72091

Ion Ratio Lower Upper

92 100

91 173.1 139.4 209.2





#62

4-Bromofluorobenzene

Concen: 51.937 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062669.D

Acq: 30 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampled :

82-56

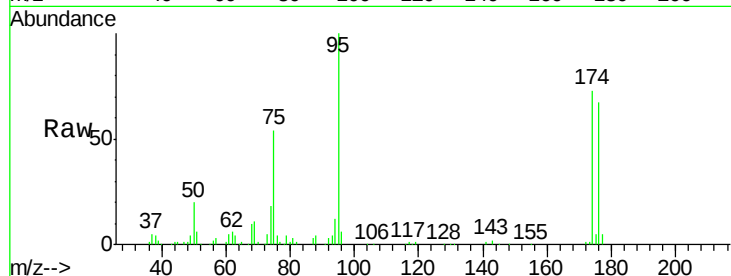
Tot Ion: 95 Resp: 118836

Ion Ratio Lower Upper

95 100

174 73.0 0.0 144.6

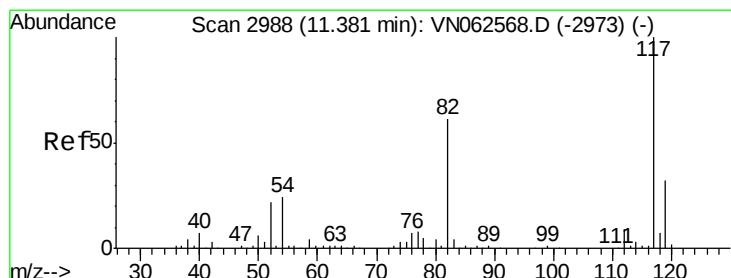
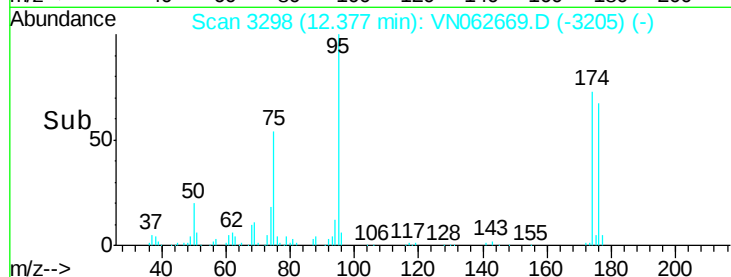
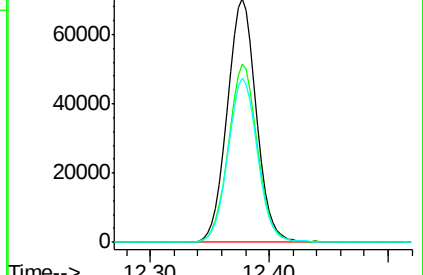
176 68.3 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): VN062669.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062669.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062669.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062669.D

Acq: 30 Jul 2020 14:17

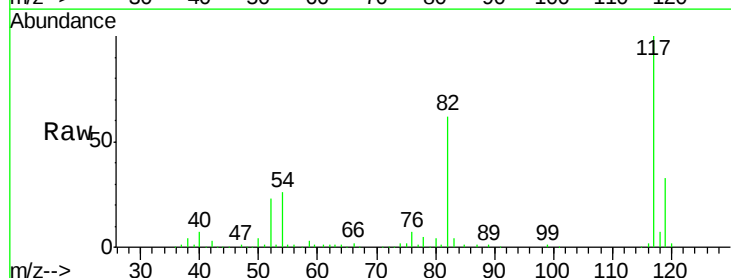
Tgt Ion: 117 Resp: 242878

Ion Ratio Lower Upper

117 100

82 61.9 49.0 73.6

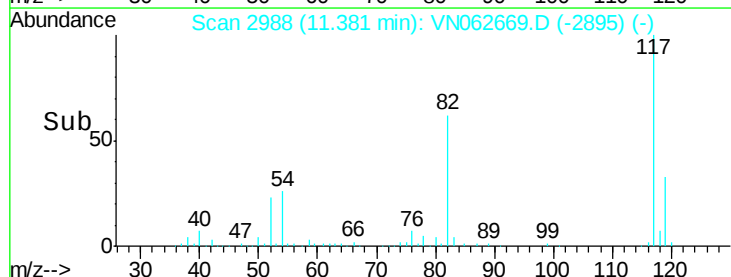
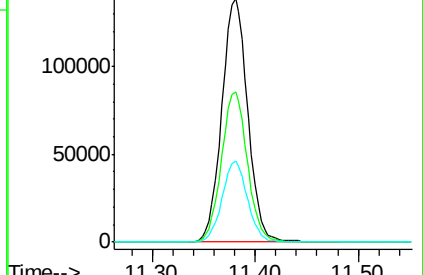
119 33.3 25.4 38.2

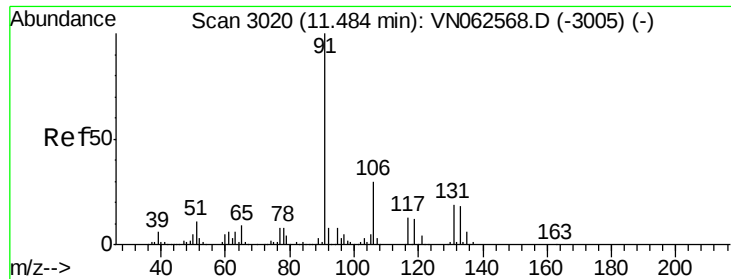


Abundance Ion 116.90 (116.60 to 117.60): VN062669.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062669.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062669.D (-2895) (-)

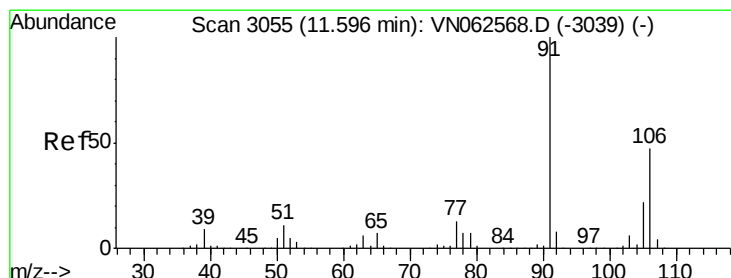
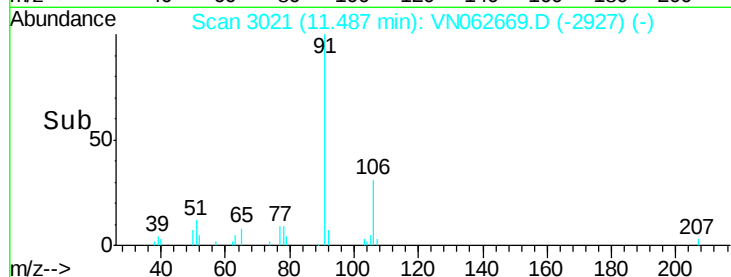
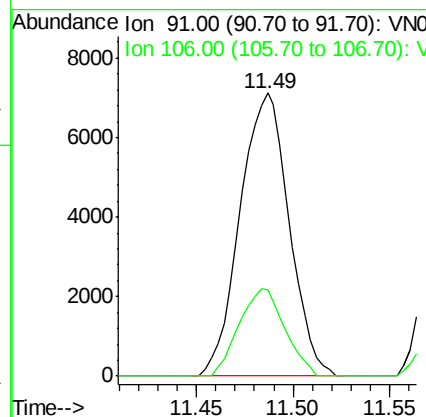
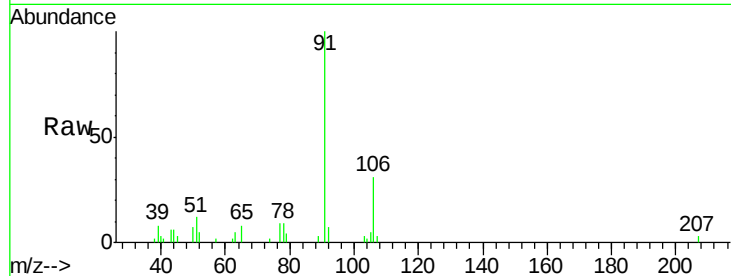




#67
Ethyl Benzene
Concen: 1.344 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN062669.D
Acq: 30 Jul 2020 14:17

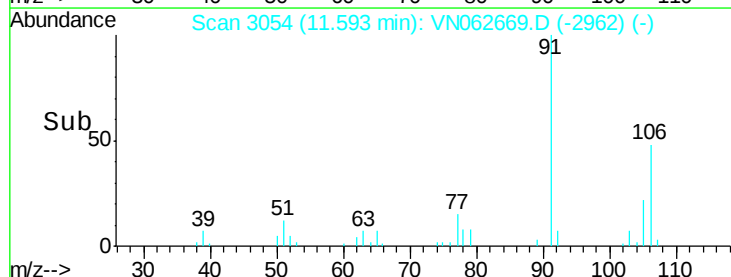
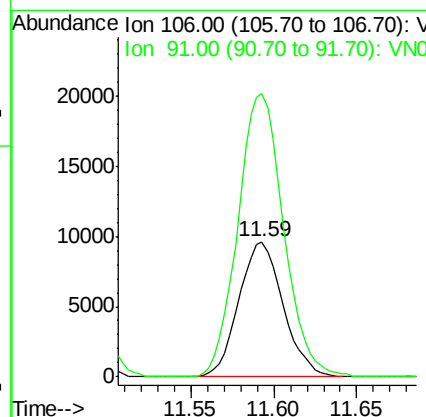
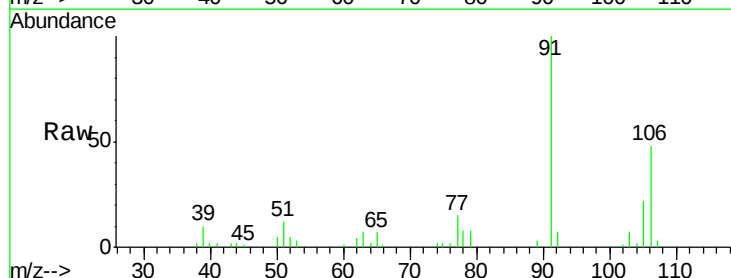
Instrument :
MSVOA_N
ClientSampled :
82-56

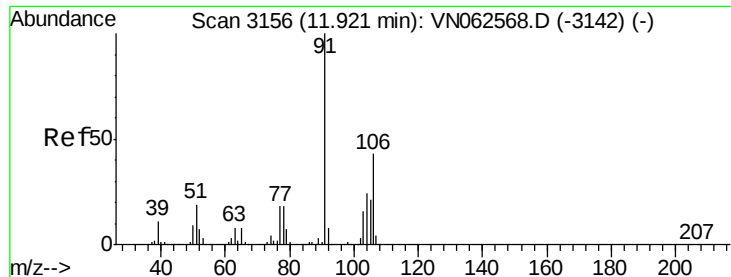
Tot Ion: 91 Resp: 12543
Ion Ratio Lower Upper
91 100
106 30.7 23.8 35.8



#68
m/p-Xylenes
Concen: 5.325 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062669.D
Acq: 30 Jul 2020 14:17

Tgt Ion: 106 Resp: 17870
Ion Ratio Lower Upper
106 100
91 216.4 171.4 257.2

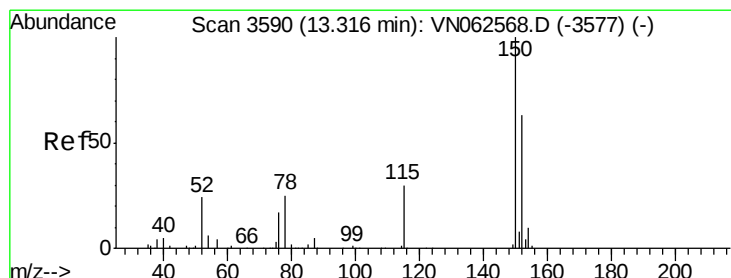
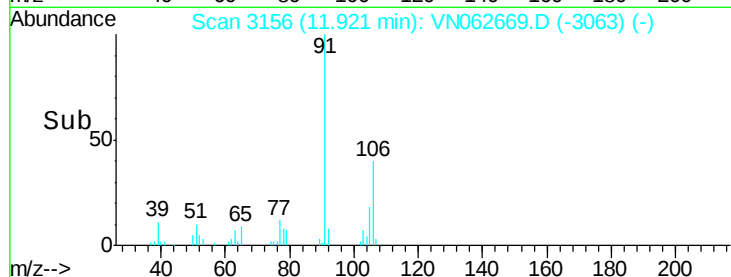
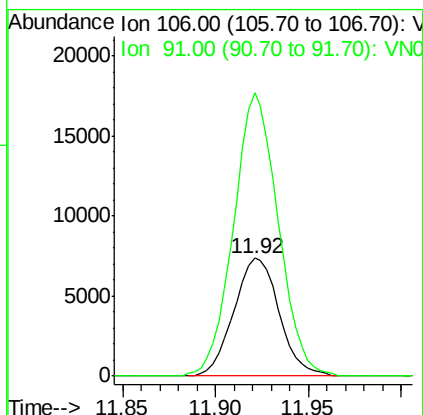
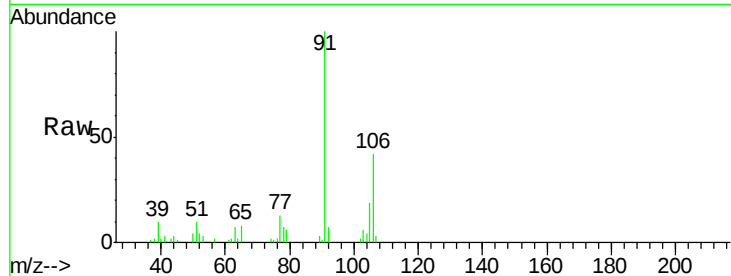




#69
o-Xylene
Concen: 3.945 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062669.D
Acq: 30 Jul 2020 14:17

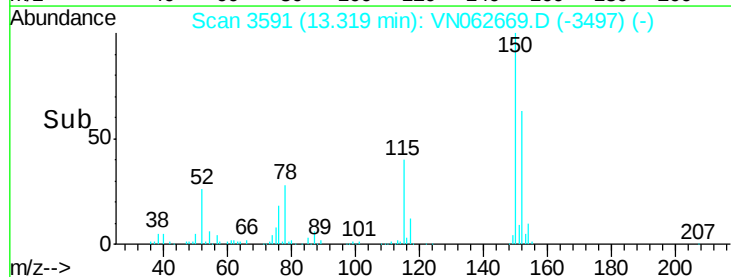
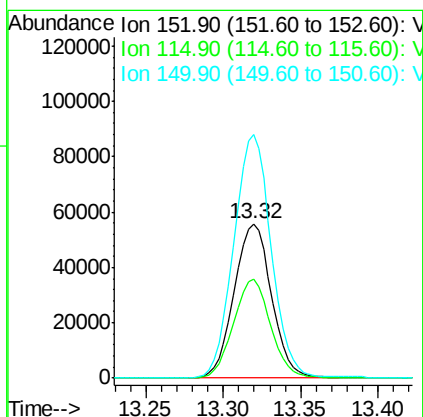
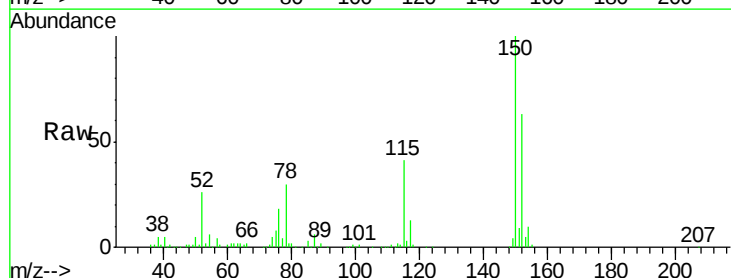
Instrument :
MSVOA_N
ClientSampleId :
82-56

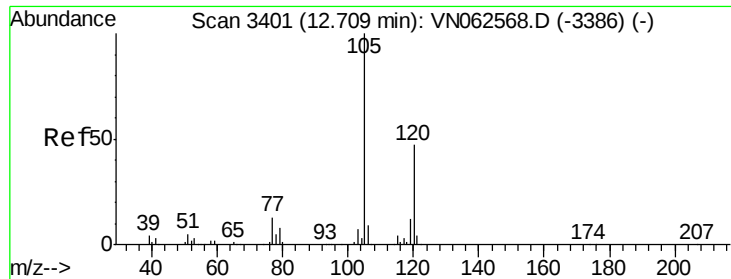
Tot Ion:106 Resp: 12569
Ion Ratio Lower Upper
106 100
91 235.5 113.8 341.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062669.D
Acq: 30 Jul 2020 14:17

Tgt Ion:152 Resp: 93668
Ion Ratio Lower Upper
152 100
115 63.9 31.8 95.4
150 158.4 0.0 351.4





#80

1,3,5-Trimethylbenzene

Concen: 1.133 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062669.D

Acq: 30 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampled :

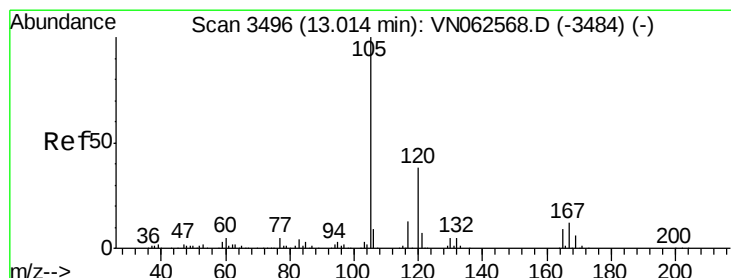
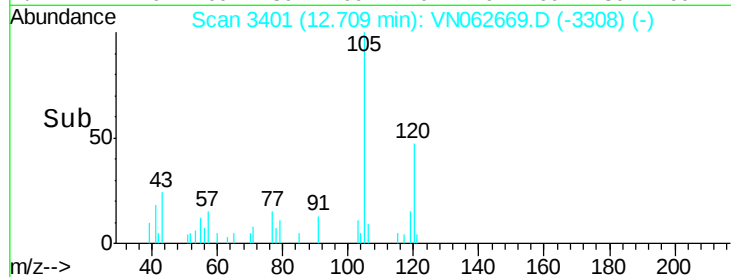
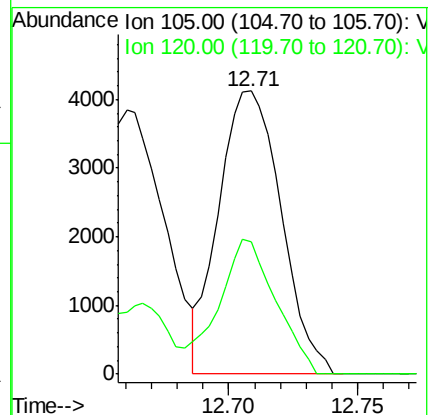
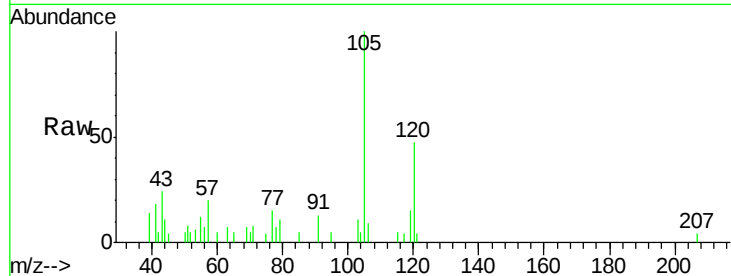
82-56

Tot Ion:105 Resp: 6961

Ion Ratio Lower Upper

105 100

120 43.4 23.2 69.6



#84

1,2,4-Trimethylbenzene

Concen: 4.757 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. -0.00 min

Lab File: VN062669.D

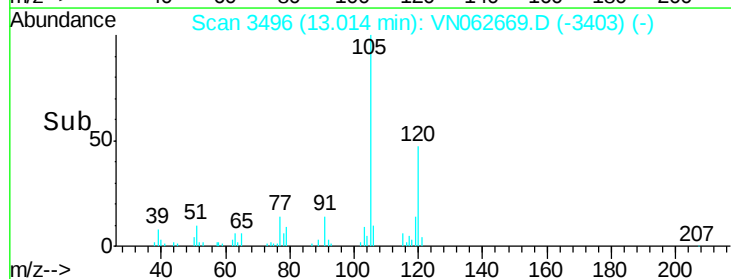
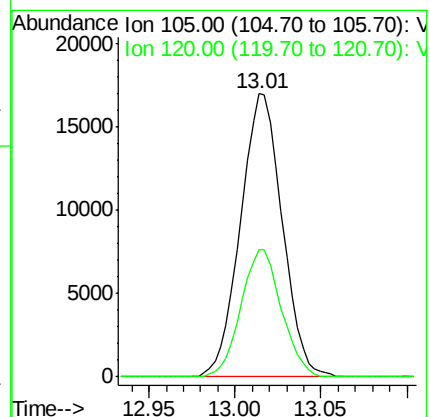
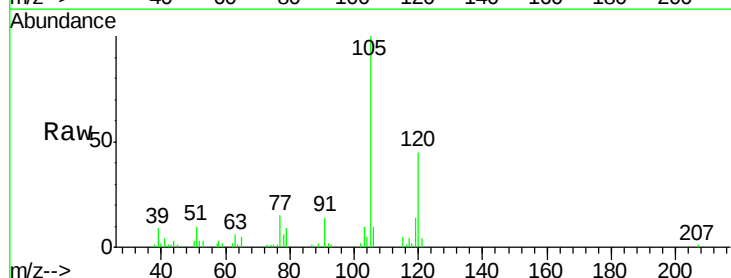
Acq: 30 Jul 2020 14:17

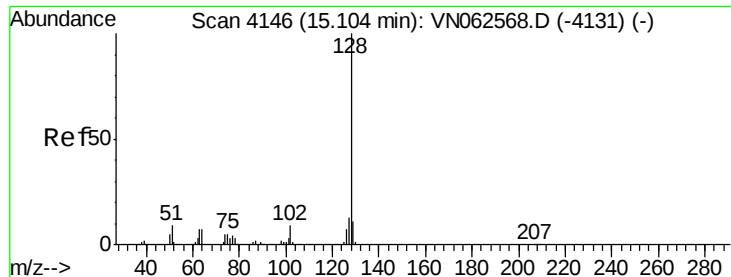
Tgt Ion:105 Resp: 28670

Ion Ratio Lower Upper

105 100

120 43.5 22.1 66.3





#95

Naphthalene

Concen: 4.584 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062669.D

Acq: 30 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

82-56

Tot Ion:128 Resp: 3706

Ion Ratio Lower Upper

128 100

127 15.1 10.4 15.6

129 10.6 8.7 13.1

