

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120420\
 Data File : VN064914.D
 Acq On : 4 Dec 2020 13:16
 Operator : JC/MD
 Sample : L4918-05
 Misc : 5.08G/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 16829

Quant Time: Dec 07 09:54:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	166380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	294168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	292532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	143275	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	99230	51.30	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.60%
35) Dibromofluoromethane	7.55	113	87208	49.54	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.08%
50) Toluene-d8	10.06	98	357942	49.77	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.54%
62) 4-Bromofluorobenzene	12.38	95	140322	54.52	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.04%

Target Compounds

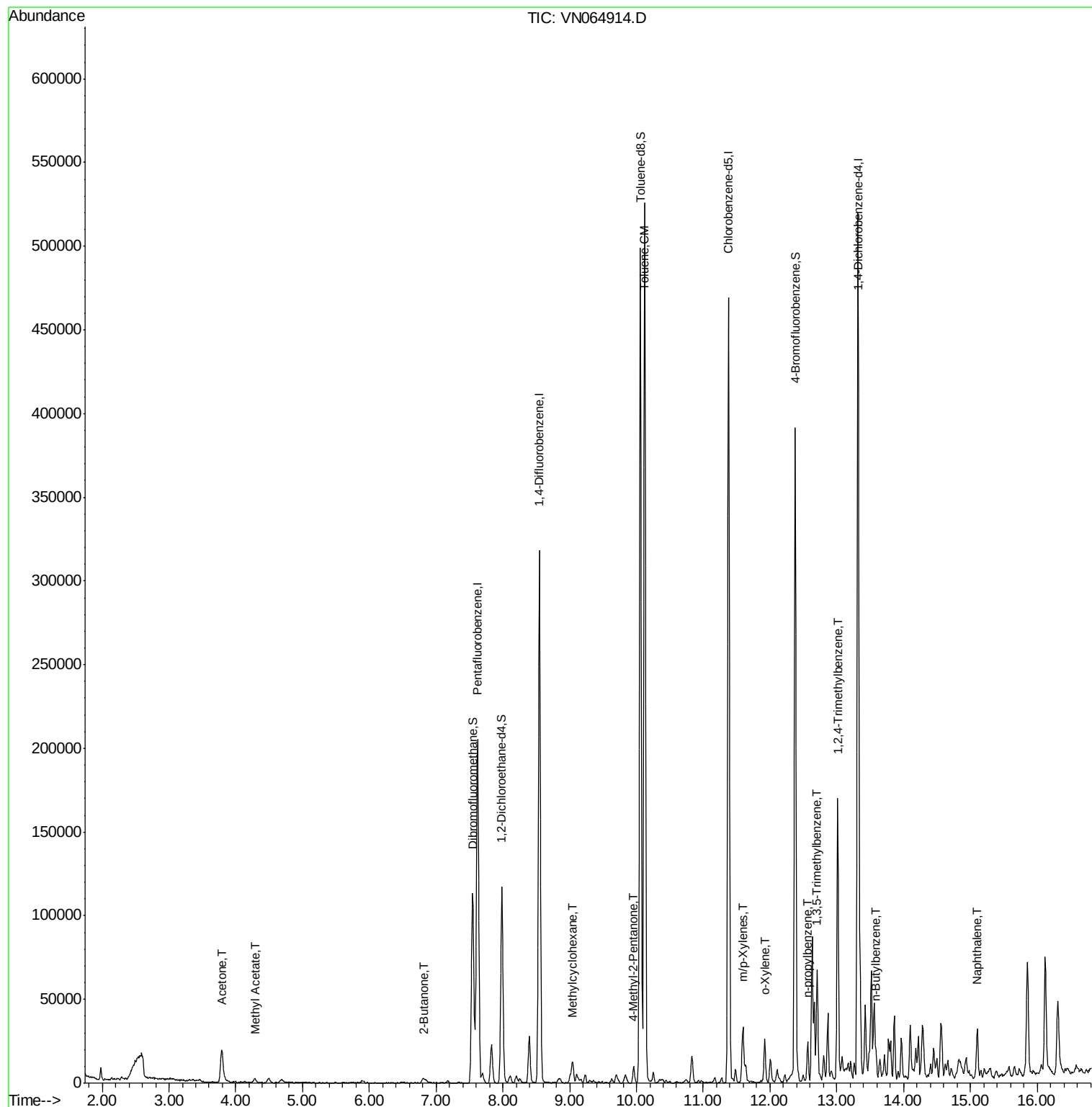
					Qvalue
16) Acetone	3.79	43	38771	60.975	ug/l 99
18) Methyl Acetate	4.29	43	4983	2.607	ug/l # 86
25) 2-Butanone	6.81	43	3090	2.998	ug/l 95
39) Methylcyclohexane	9.04	83	4869	1.659	ug/l 93
51) 4-Methyl-2-Pentanone	9.96	43	7534	2.969	ug/l 92
52) Toluene	10.12	92	237145	46.087	ug/l 98
68) m/p-Xylenes	11.59	106	10433	2.626	ug/l 98
69) o-Xylene	11.92	106	6892	1.828	ug/l 98
78) n-propylbenzene	12.57	91	19110	1.683	ug/l 97
80) 1,3,5-Trimethylbenzene	12.71	105	28758	3.472	ug/l 99
84) 1,2,4-Trimethylbenzene	13.01	105	95125	11.358	ug/l 100
89) n-Butylbenzene	13.59	91	13628	1.849	ug/l # 68
95) Naphthalene	15.10	128	26121	3.007	ug/l 98

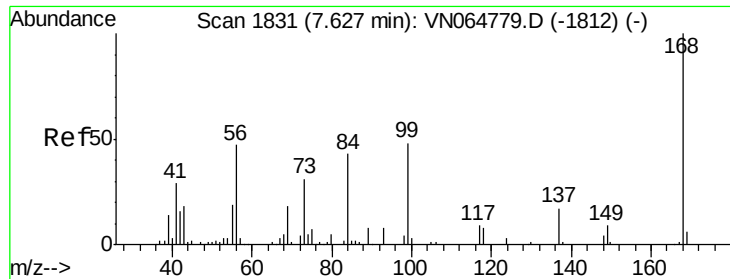
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN120420\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN064914.D

Acq: 4 Dec 2020 13:16

Instrument :

MSVOA_N

ClientSampled :

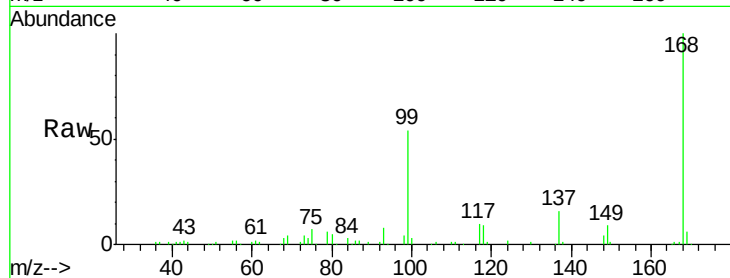
16829

Tot Ion:168 Resp: 166380

Ion Ratio Lower Upper

168 100

99 53.8 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

80000

60000

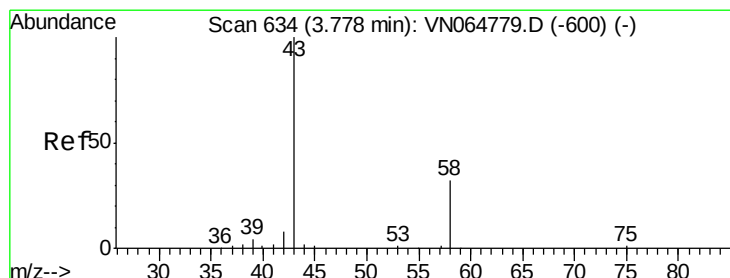
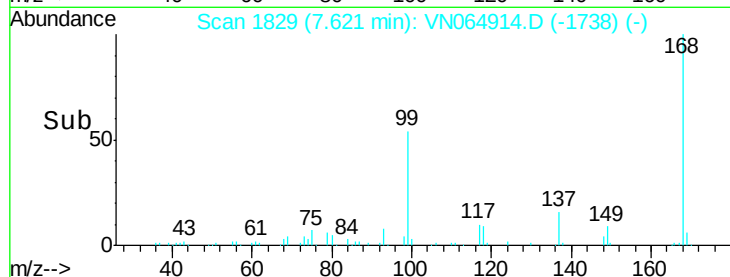
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#16

Acetone

Concen: 60.975 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN064914.D

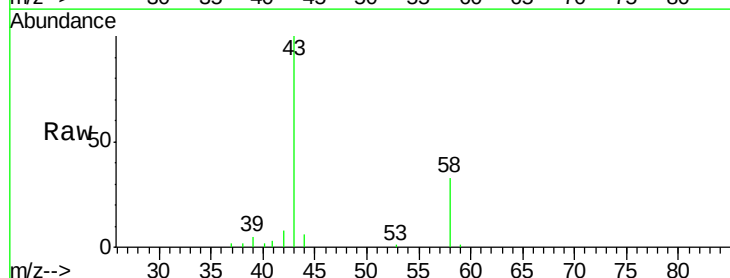
Acq: 4 Dec 2020 13:16

Tgt Ion: 43 Resp: 38771

Ion Ratio Lower Upper

43 100

58 32.6 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

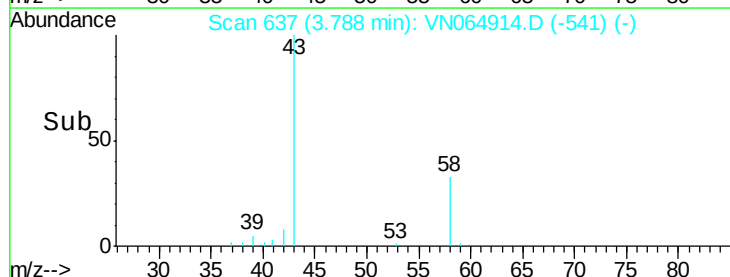
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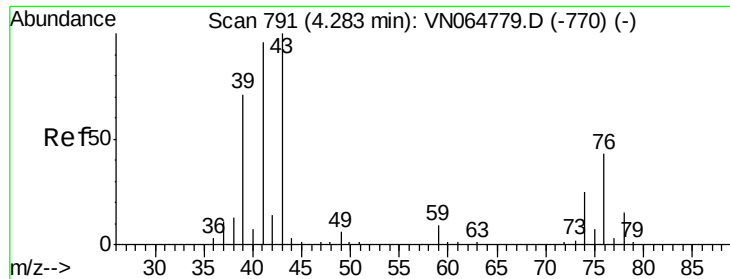
5000

0

3.70 3.80 3.90

Time-->

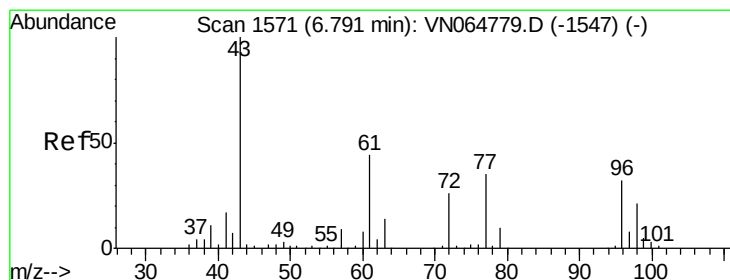
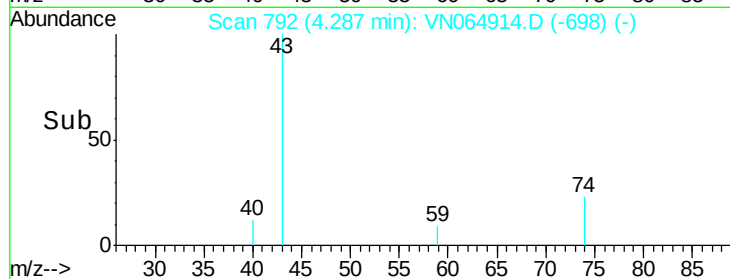
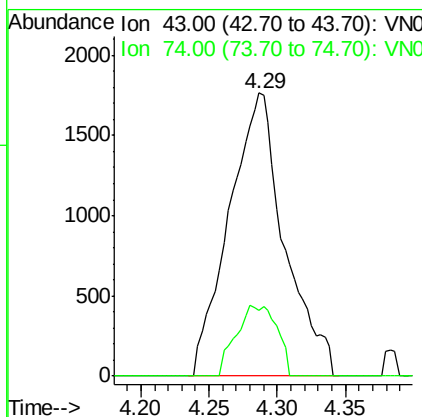
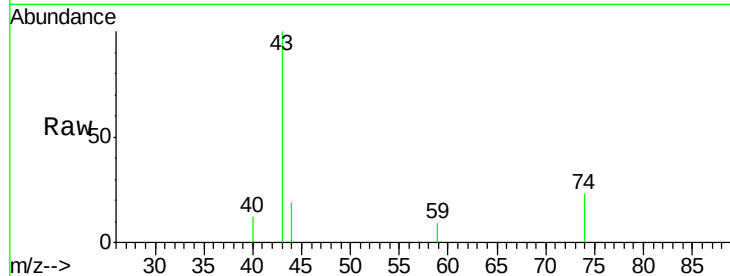




#18
Methyl Acetate
Concen: 2.607 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.00 min
Lab File: VN064914.D
Acq: 4 Dec 2020 13:16

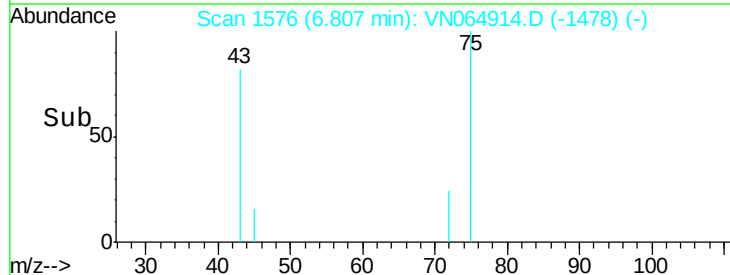
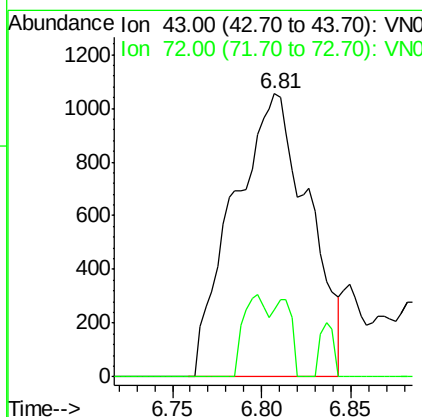
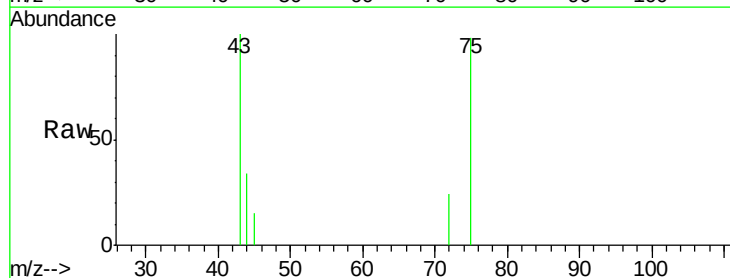
Instrument :
MSVOA_N
ClientSampled :
16829

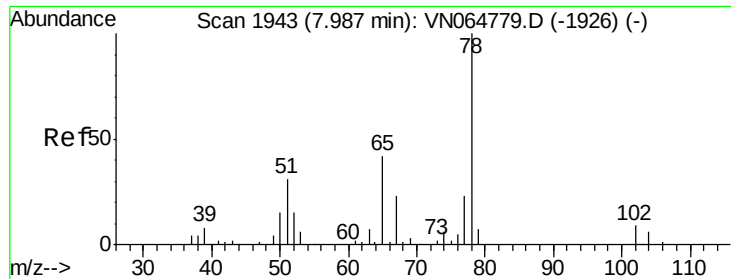
Tot Ion: 43 Resp: 4983
Ion Ratio Lower Upper
43 100
74 18.3 20.2 30.2#



#25
2-Butanone
Concen: 2.998 ug/l
RT: 6.81 min Scan# 1576
Delta R.T. 0.02 min
Lab File: VN064914.D
Acq: 4 Dec 2020 13:16

Tgt Ion: 43 Resp: 3090
Ion Ratio Lower Upper
43 100
72 23.6 21.0 31.6

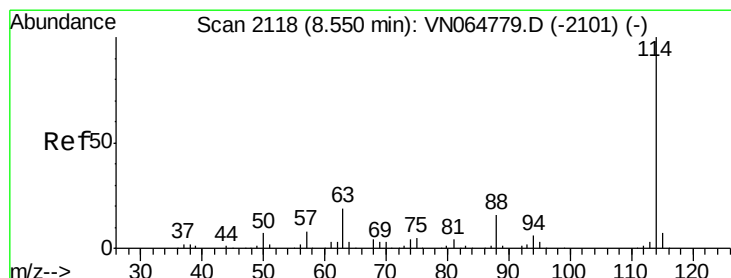
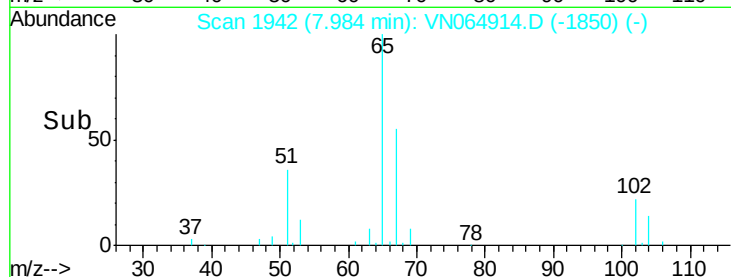
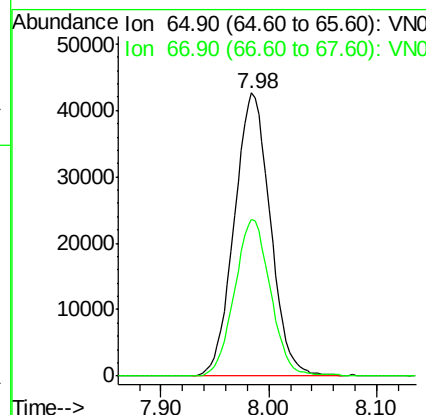
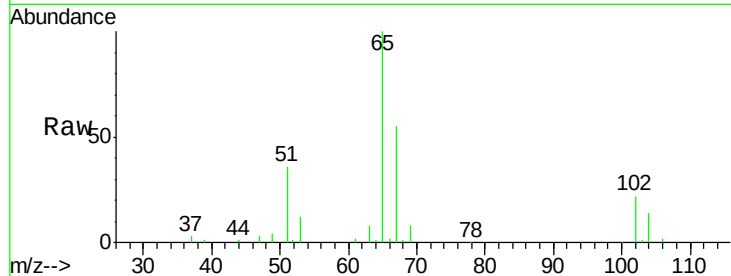




#33
 1,2-Dichloroethane-d4
 Concen: 51.301 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064914.D
 Acq: 4 Dec 2020 13:16

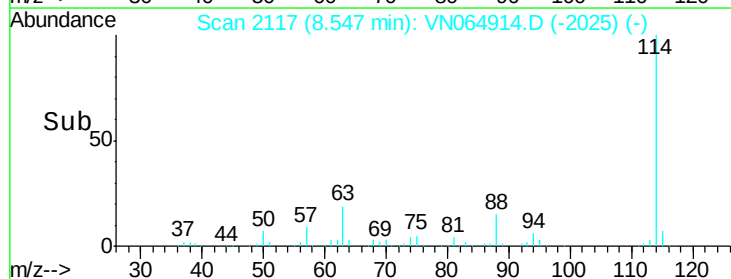
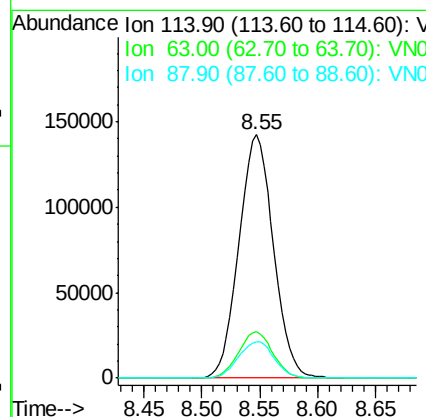
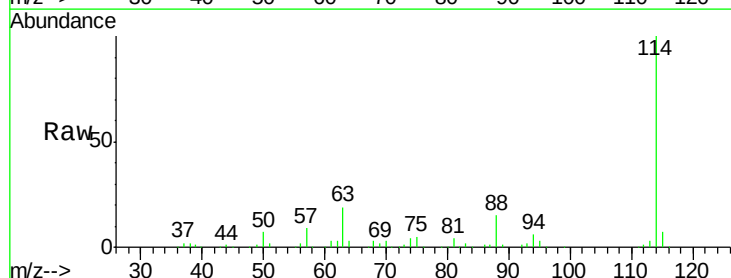
Instrument :
 MSVOA_N
 ClientSampled :
 16829

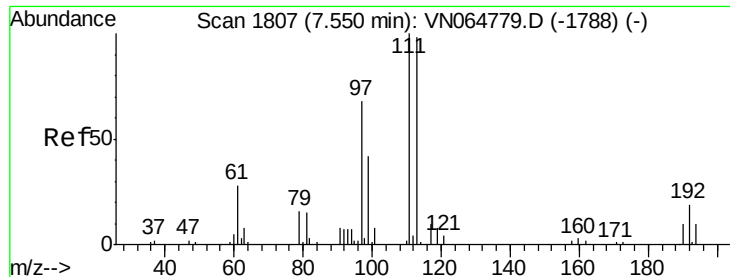
Tot Ion: 65 Resp: 99230
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064914.D
 Acq: 4 Dec 2020 13:16

Tgt Ion: 114 Resp: 294168
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.1 0.0 32.6

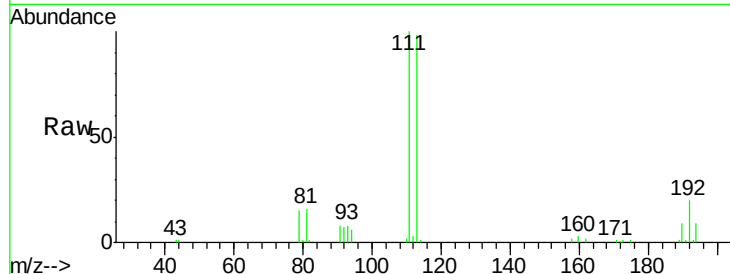




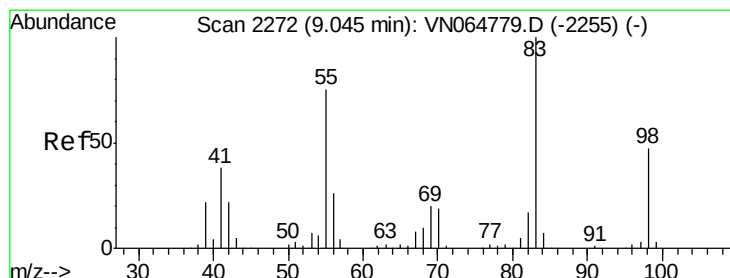
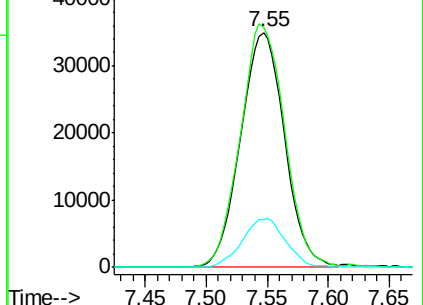
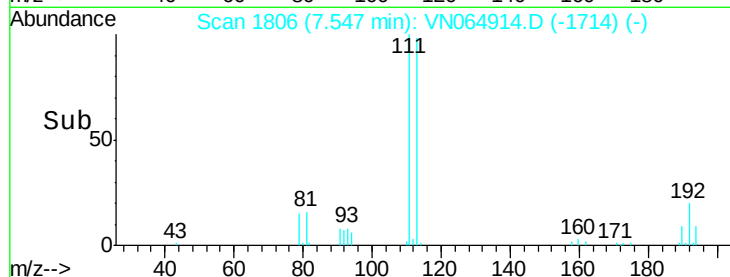
#35
 Dibromofluoromethane
 Concen: 49.544 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064914.D
 Acq: 4 Dec 2020 13:16

Instrument :
 MSVOA_N
 ClientSampleId :
 16829

Tot Ion:113 Resp: 87208
 Ion Ratio Lower Upper
 113 100
 111 104.5 81.6 122.4
 192 20.4 16.2 24.2

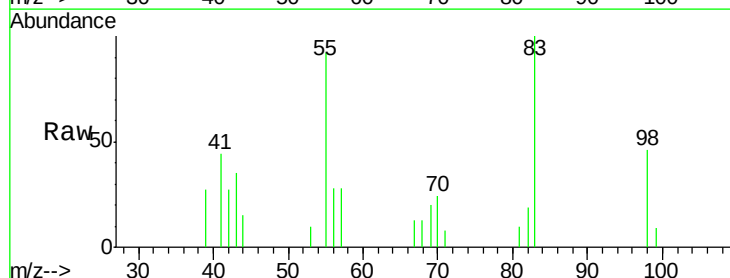


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

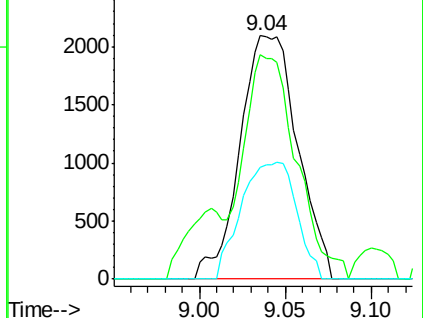
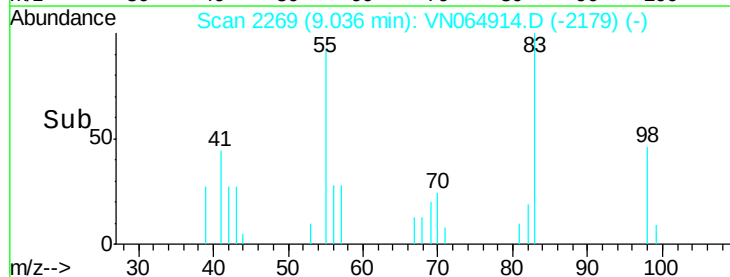


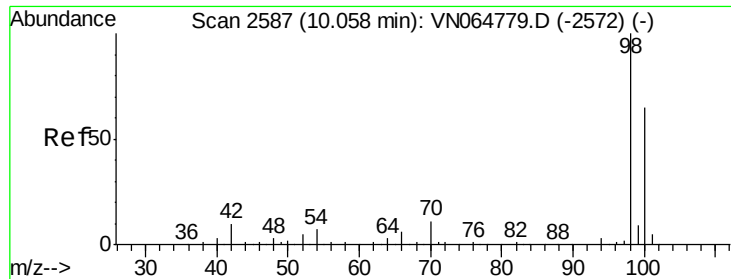
#39
 Methylcyclohexane
 Concen: 1.659 ug/l
 RT: 9.04 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VN064914.D
 Acq: 4 Dec 2020 13:16

Tgt Ion: 83 Resp: 4869
 Ion Ratio Lower Upper
 83 100
 55 84.2 60.2 90.2
 98 45.7 37.4 56.2



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





#50

Toluene-d8

Concen: 49.769 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064914.D

Acq: 4 Dec 2020 13:16

Instrument :

MSVOA_N

ClientSampled :

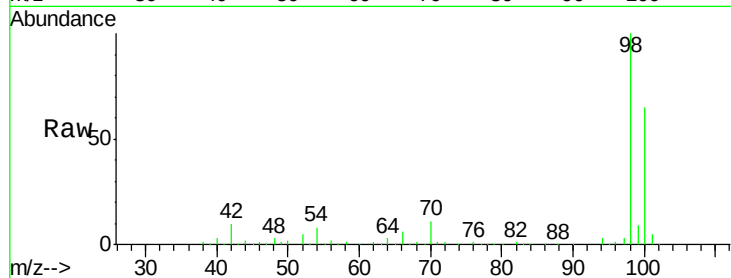
16829

Tot Ion: 98 Resp: 357942

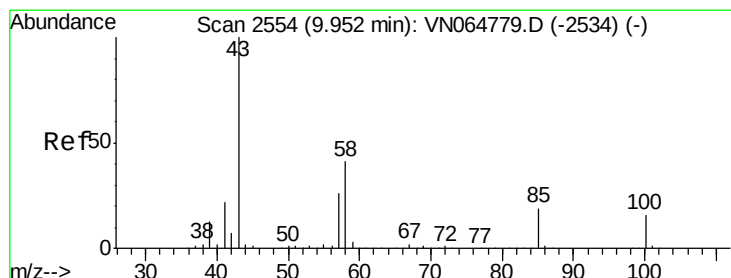
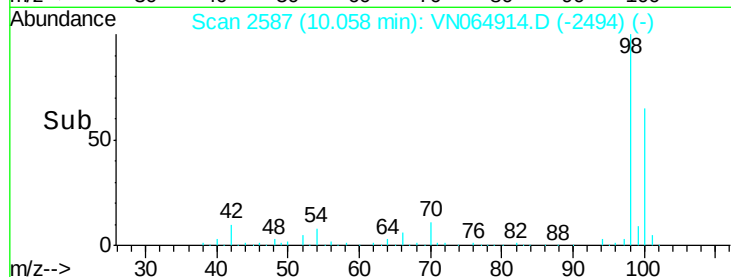
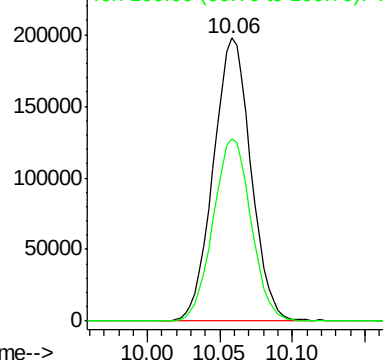
Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064779.D (-2572) (-)



#51

4-Methyl-2-Pentanone

Concen: 2.969 ug/l

RT: 9.96 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN064914.D

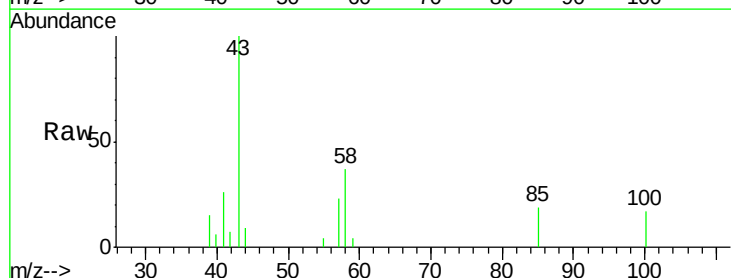
Acq: 4 Dec 2020 13:16

Tgt Ion: 43 Resp: 7534

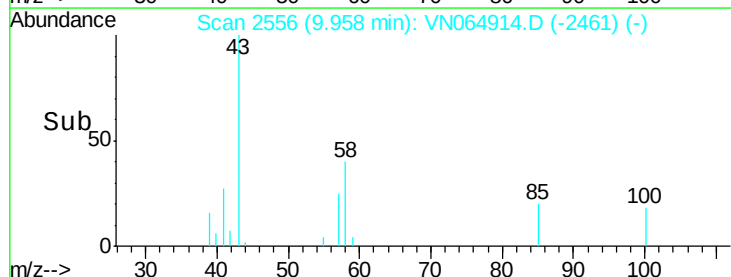
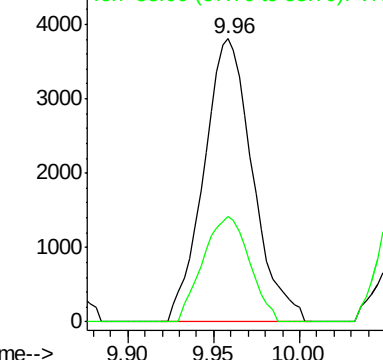
Ion Ratio Lower Upper

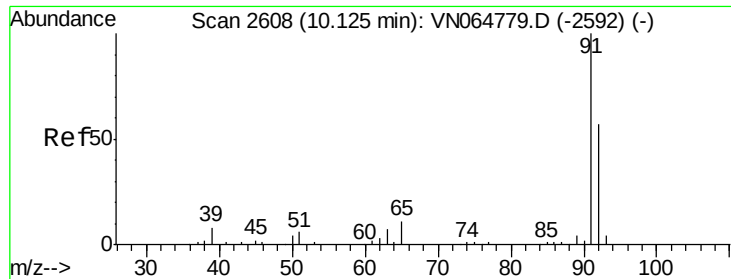
43 100

58 35.4 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)





#52

Toluene

Concen: 46.087 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064914.D

Acq: 4 Dec 2020 13:16

Instrument :

MSVOA_N

ClientSampled :

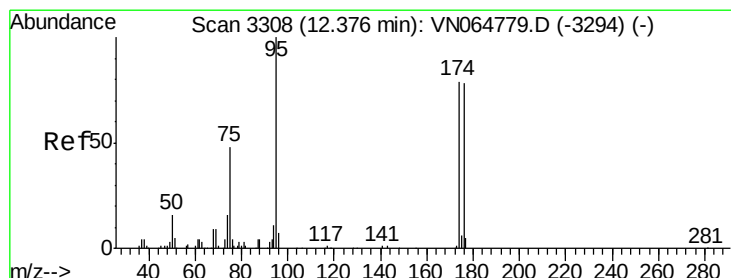
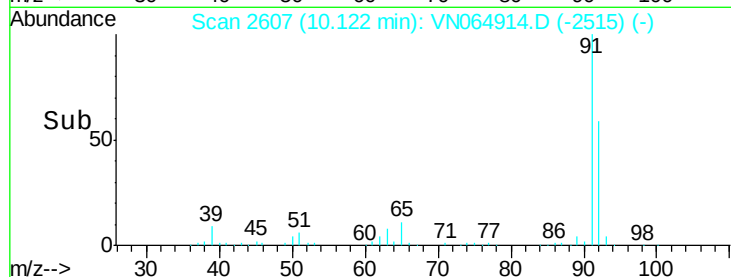
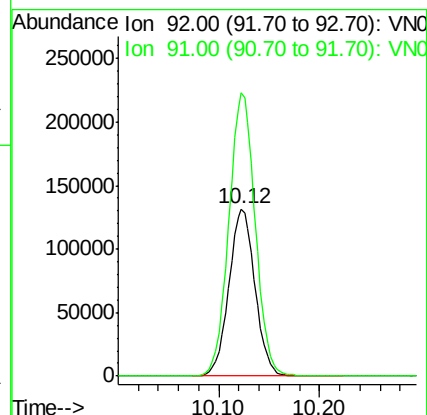
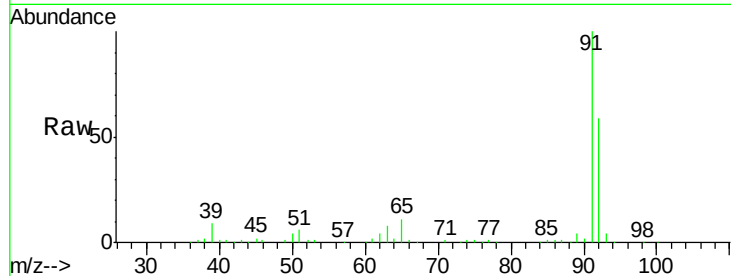
16829

Tot Ion: 92 Resp: 237145

Ion Ratio Lower Upper

92 100

91 171.4 139.1 208.7



#62

4-Bromofluorobenzene

Concen: 54.517 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064914.D

Acq: 4 Dec 2020 13:16

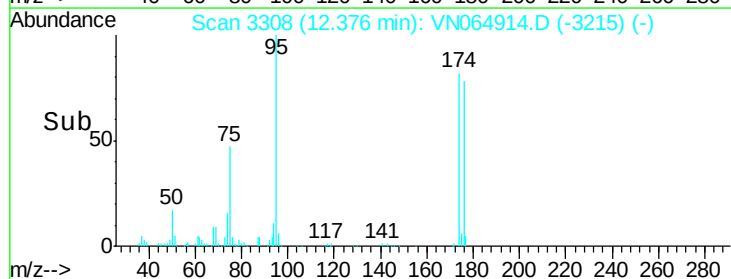
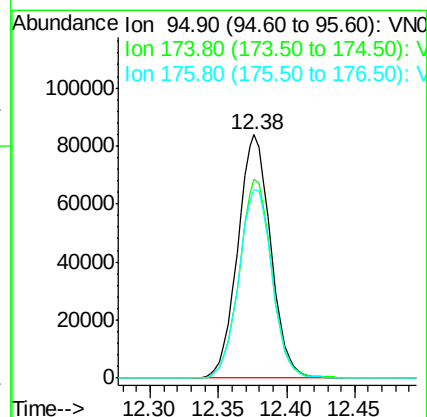
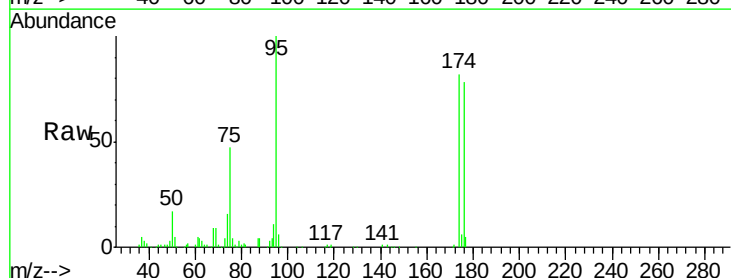
Tgt Ion: 95 Resp: 140322

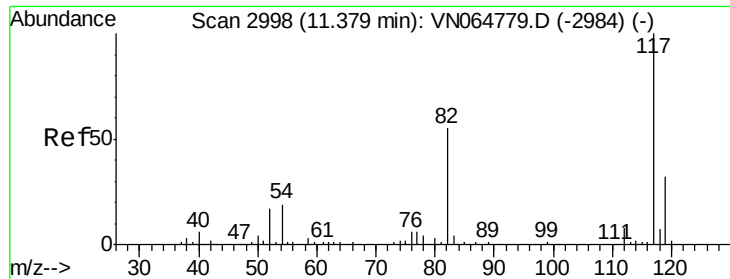
Ion Ratio Lower Upper

95 100

174 80.6 0.0 160.4

176 78.8 0.0 158.4

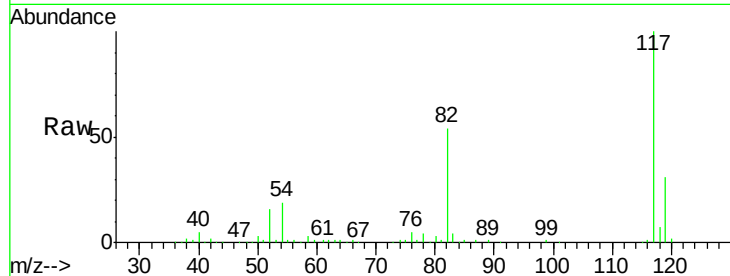




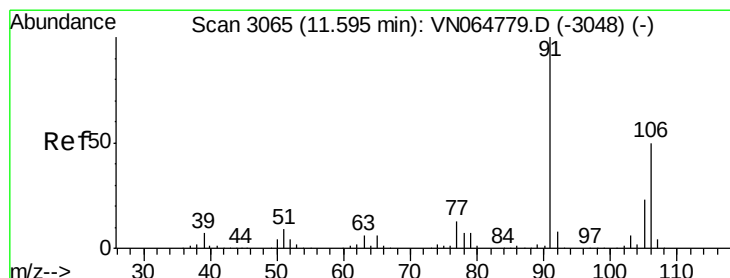
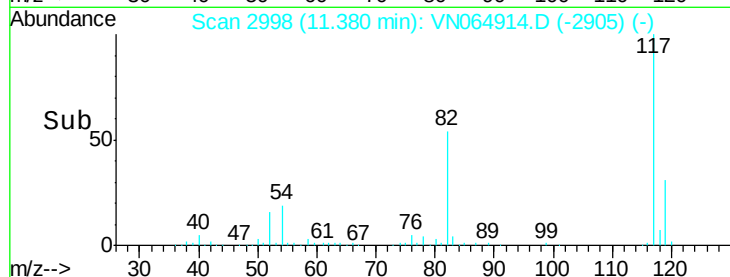
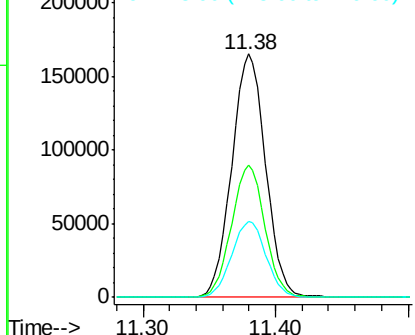
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064914.D
Acq: 4 Dec 2020 13:16

Instrument :
MSVOA_N
ClientSampled :
16829

Tot Ion:117 Resp: 292532
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 31.1 25.8 38.6

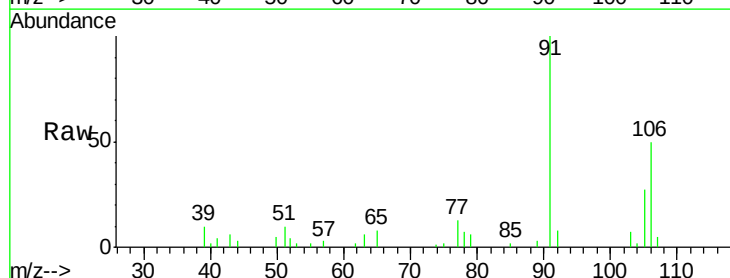


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

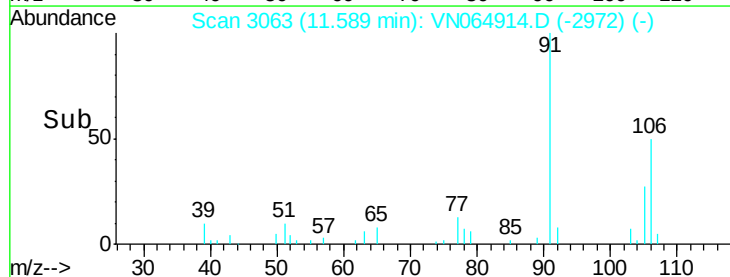
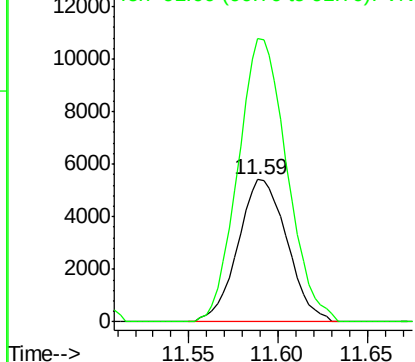


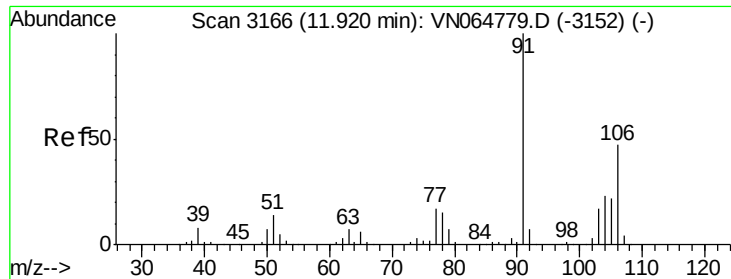
#68
m/p-Xylenes
Concen: 2.626 ug/l
RT: 11.59 min Scan# 3063
Delta R.T. -0.01 min
Lab File: VN064914.D
Acq: 4 Dec 2020 13:16

Tgt Ion:106 Resp: 10433
Ion Ratio Lower Upper
106 100
91 197.8 161.0 241.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

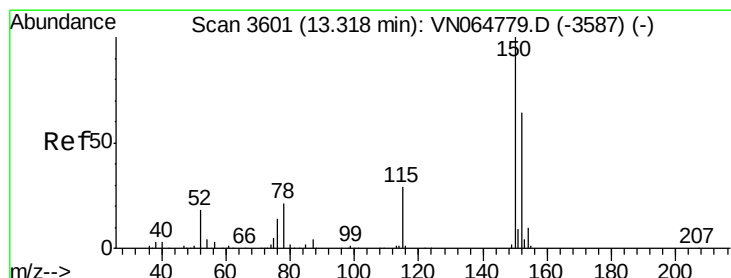
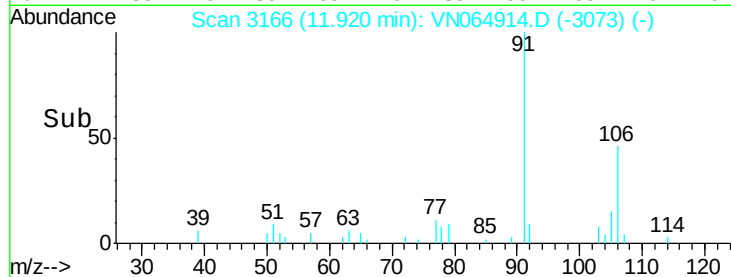
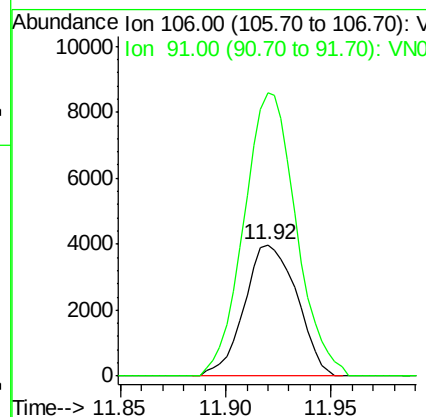
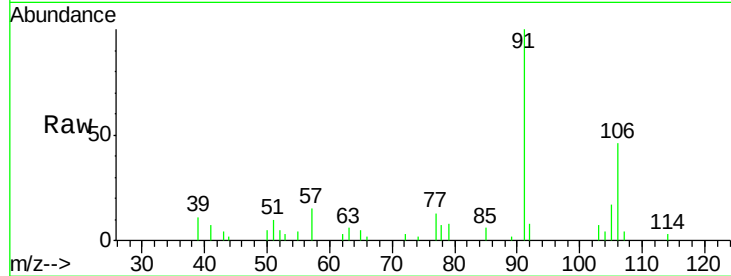




#69
o-Xylene
Concen: 1.828 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064914.D
Acq: 4 Dec 2020 13:16

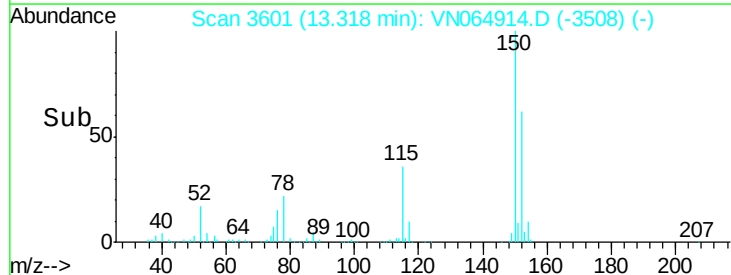
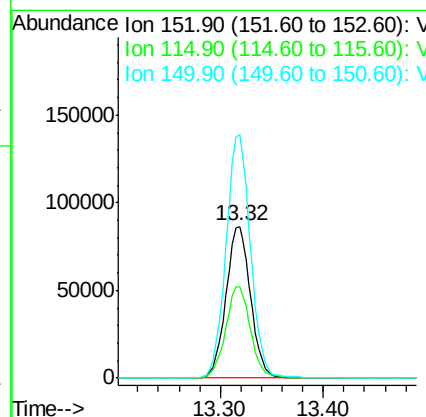
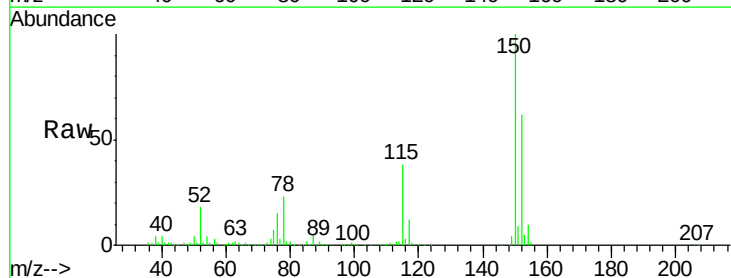
Instrument :
MSVOA_N
ClientSampled :
16829

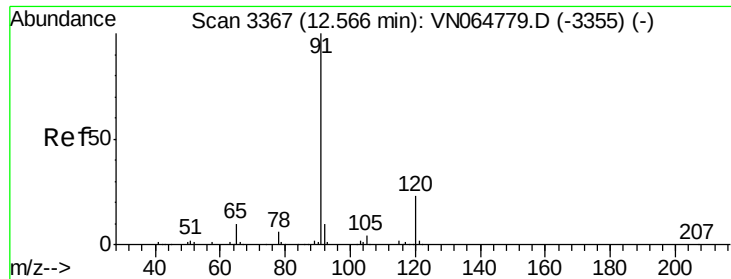
Tot Ion:106 Resp: 6892
Ion Ratio Lower Upper
106 100
91 214.3 105.5 316.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064914.D
Acq: 4 Dec 2020 13:16

Tgt Ion:152 Resp: 143275
Ion Ratio Lower Upper
152 100
115 61.4 29.7 89.1
150 159.2 0.0 350.6





#78

n-propylbenzene

Concen: 1.683 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064914.D

Acq: 4 Dec 2020 13:16

Instrument :

MSVOA_N

ClientSampled :

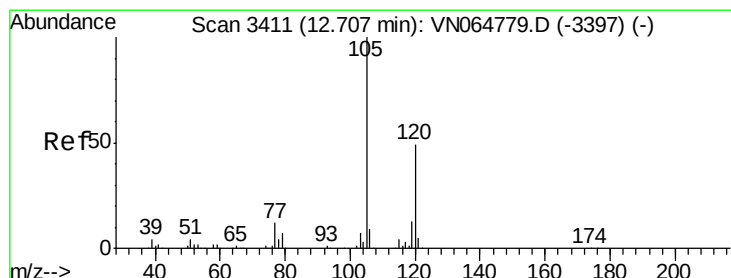
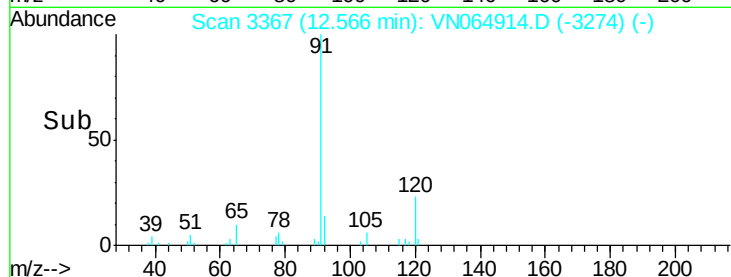
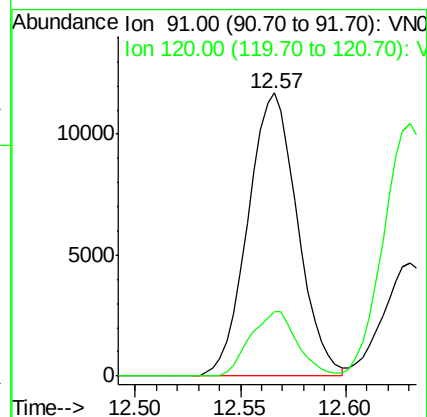
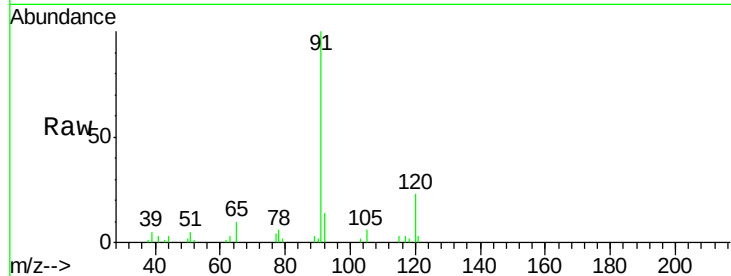
16829

Tot Ion: 91 Resp: 19110

Ion Ratio Lower Upper

91 100

120 21.7 11.6 34.7



#80

1,3,5-Trimethylbenzene

Concen: 3.472 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064914.D

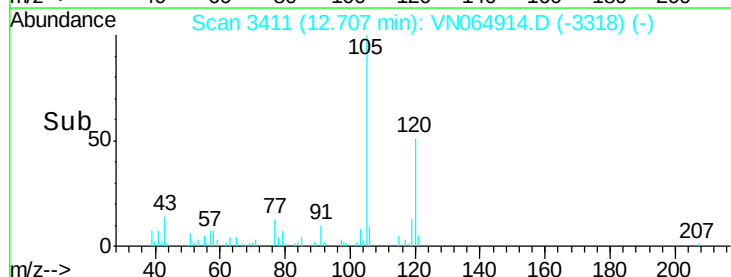
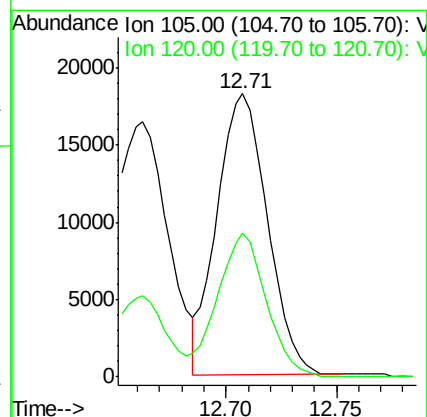
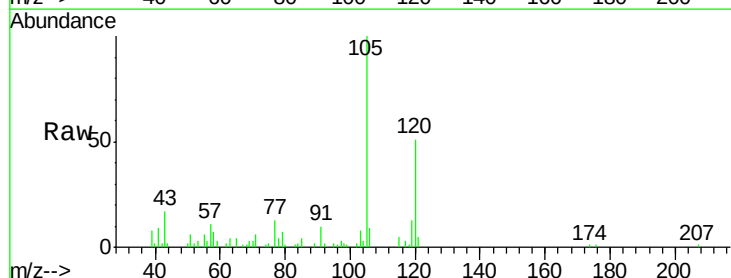
Acq: 4 Dec 2020 13:16

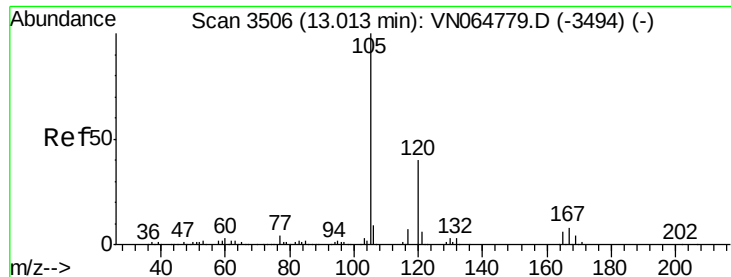
Tgt Ion: 105 Resp: 28758

Ion Ratio Lower Upper

105 100

120 49.8 24.6 73.6

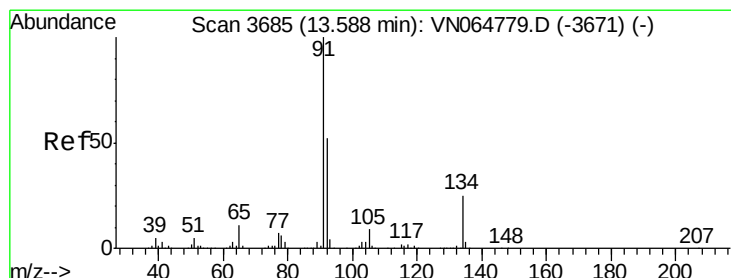
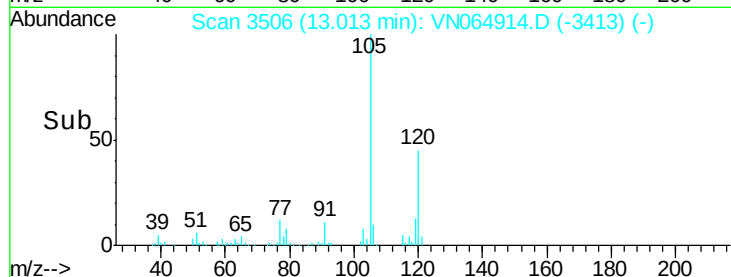
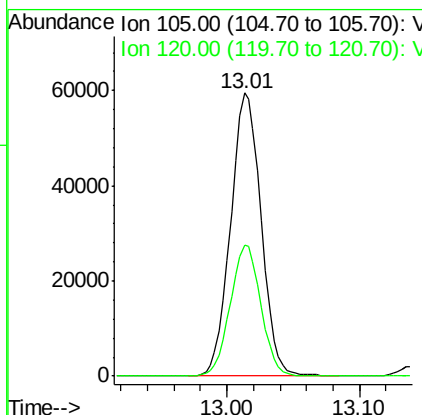
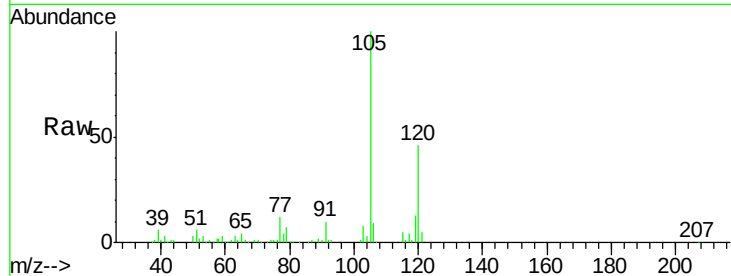




#84
 1,2,4-Trimethylbenzene
 Concen: 11.358 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064914.D
 Acq: 4 Dec 2020 13:16

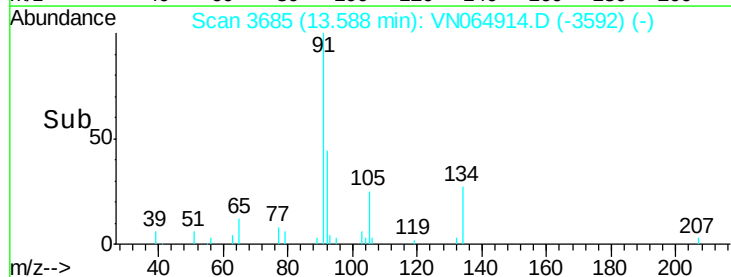
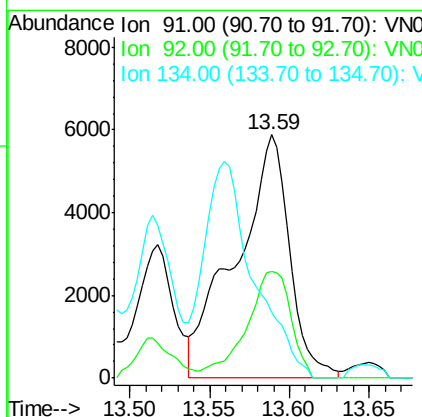
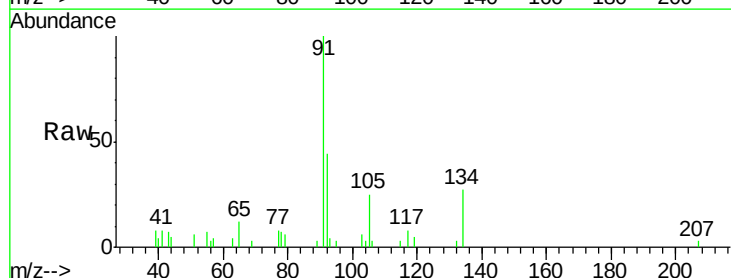
Instrument :
 MSVOA_N
 ClientSampled :
 16829

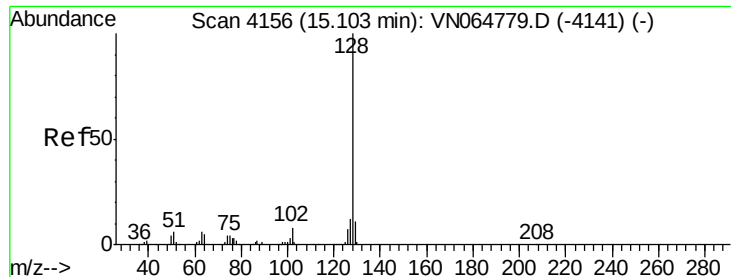
Tot Ion:105 Resp: 95125
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.2



#89
 n-Butylbenzene
 Concen: 1.849 ug/l
 RT: 13.59 min Scan# 3685
 Delta R.T. 0.00 min
 Lab File: VN064914.D
 Acq: 4 Dec 2020 13:16

Tgt Ion: 91 Resp: 13628
 Ion Ratio Lower Upper
 91 100
 92 36.1 26.0 78.0
 134 0.0 12.9 38.6#

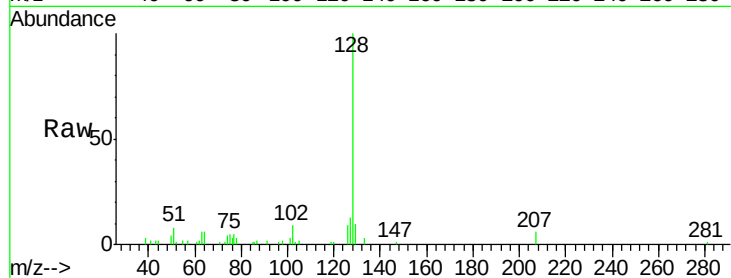




#95
Naphthalene
Concen: 3.007 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064914.D
Acq: 4 Dec 2020 13:16

Instrument :
MSVOA_N
ClientSampleId :
16829

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.3	15.5
129	10.5	8.7	13.1



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

