

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112219\
 Data File : VN059376.D
 Acq On : 22 Nov 2019 19:26
 Operator : JC/SP
 Sample : K5676-30
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-112019

Quant Time: Nov 22 23:05:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	374398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	572565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	510178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	201901	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	216290	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	
35) Dibromofluoromethane	7.57	113	172582	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	
50) Toluene-d8	10.08	98	707550	51.81	ug/l	0.00
Spiked Amount			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.40	95	229928	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	

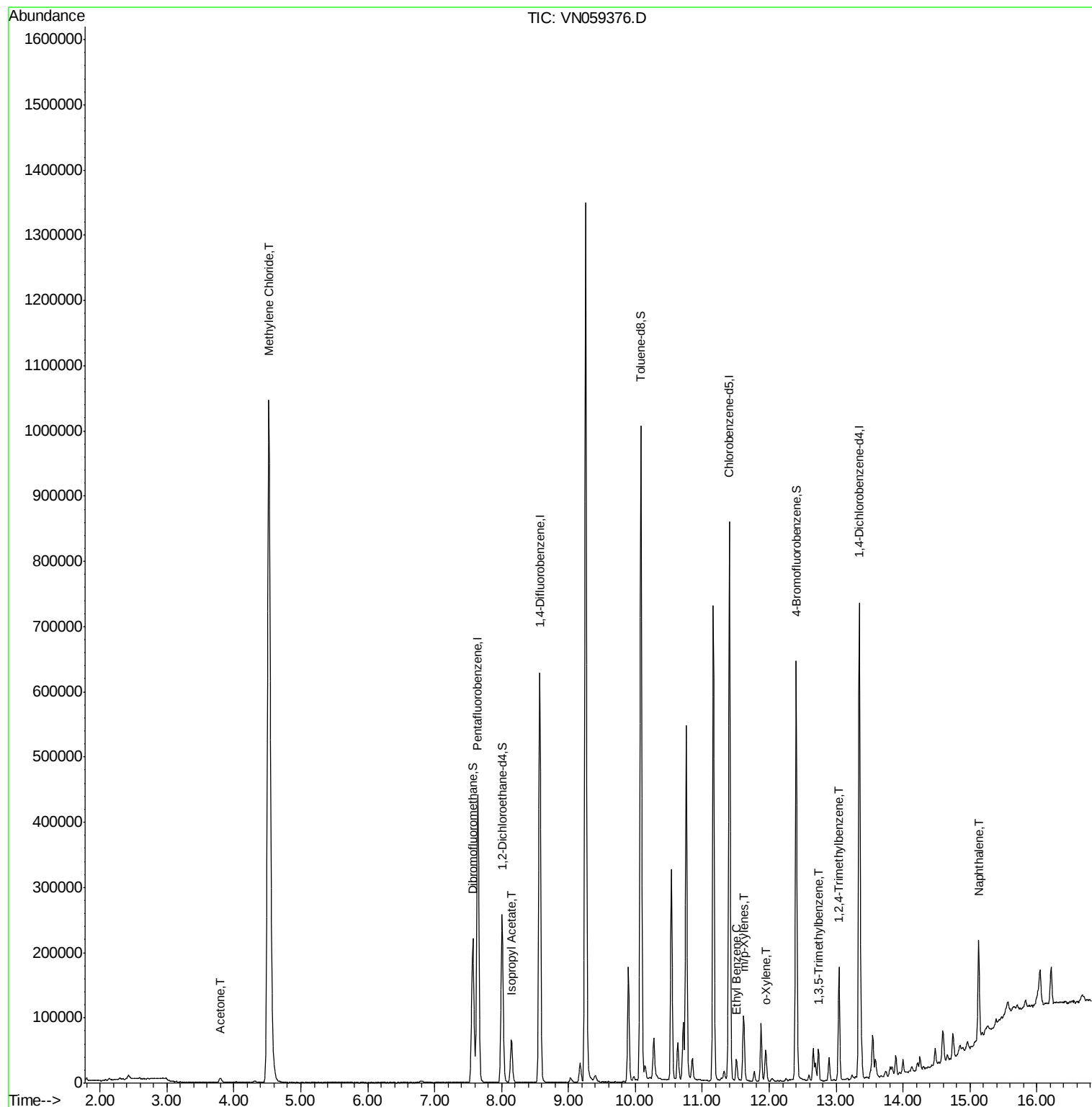
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	11786	5.851	ug/l	95
20) Methylene Chloride	4.52	84	839452	184.790	ug/l	99
43) Isopropyl Acetate	8.15	43	75794	7.807	ug/l #	92
67) Ethyl Benzene	11.51	91	23773	1.214	ug/l	98
68) m/p-Xylenes	11.62	106	32249	4.431	ug/l	98
69) o-Xylene	11.95	106	13365	1.918	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	25585	1.840	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	100721	7.395	ug/l	99
95) Naphthalene	15.13	128	126584	13.128	ug/l	100

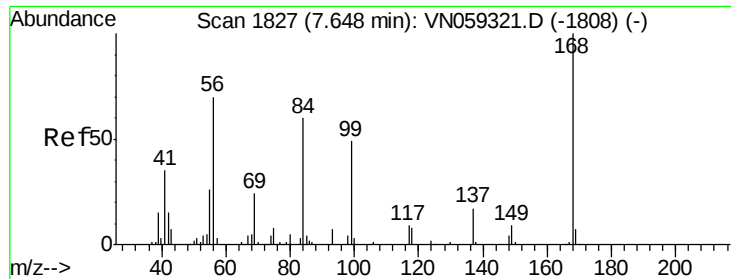
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112219\
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Quant Time: Nov 22 23:05:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
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QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN059376.D

Acq: 22 Nov 2019 19:26

Instrument :

MSVOA_N

ClientSampleId :

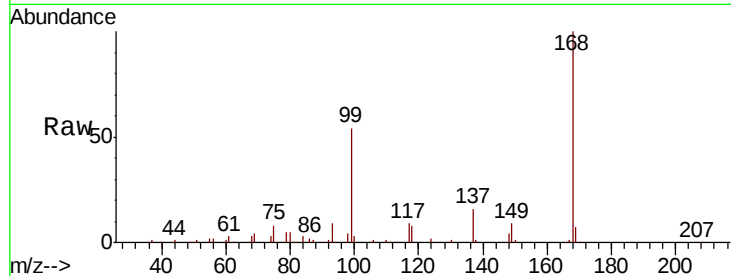
SU-03-112019

Tot Ion:168 Resp: 374398

Ion Ratio Lower Upper

168 100

99 54.3 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VN059321.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN059321.D (-1808) (-)

7.65

150000

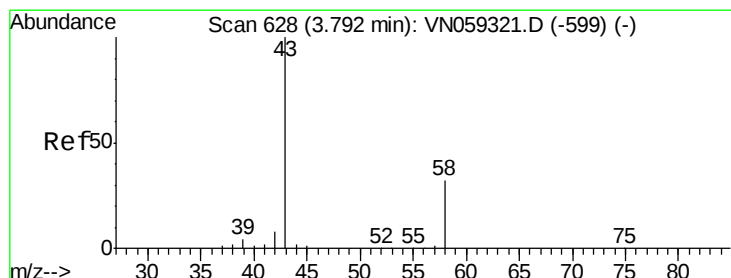
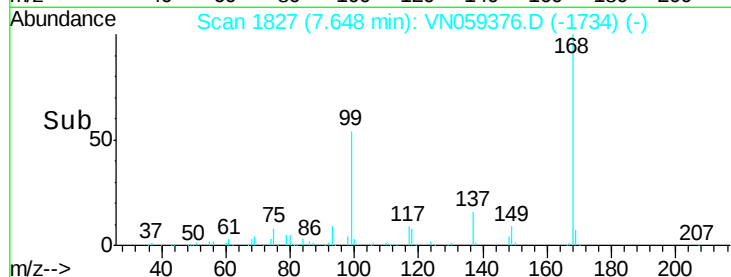
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 5.851 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN059376.D

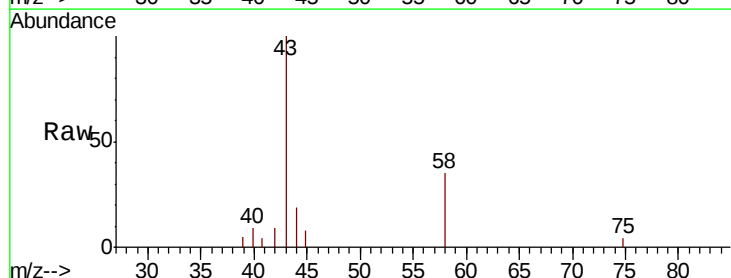
Acq: 22 Nov 2019 19:26

Tgt Ion: 43 Resp: 11786

Ion Ratio Lower Upper

43 100

58 35.1 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN059321.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN059321.D (-599) (-)

3.80

4000

3000

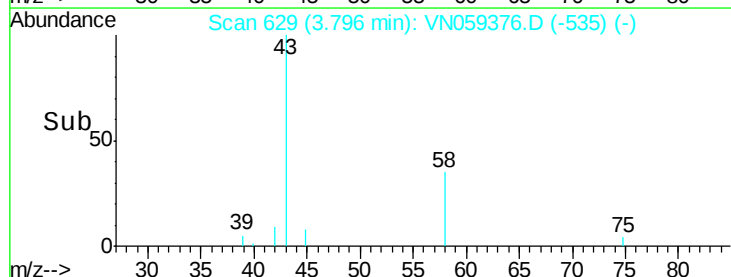
2000

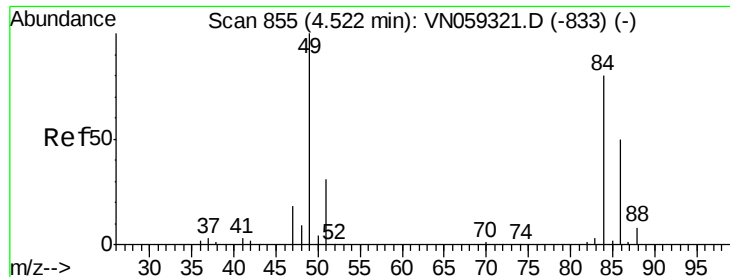
1000

0

3.70 3.80 3.90

Time-->



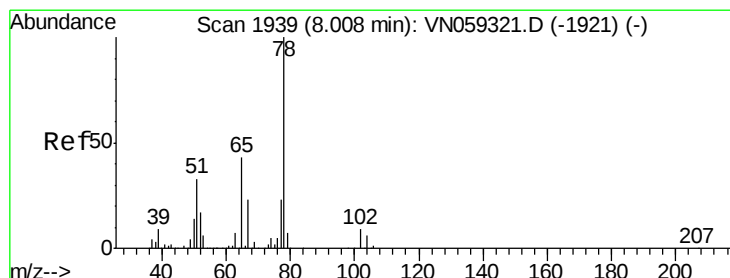
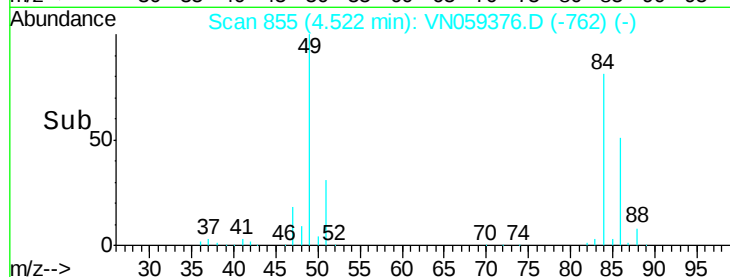
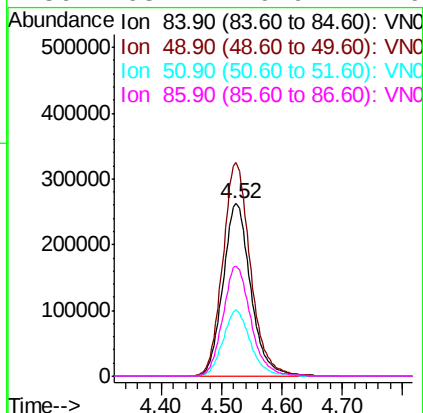
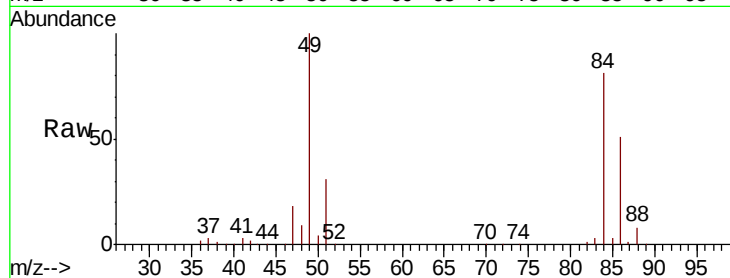


#20
Methylene Chloride
Concen: 184.790 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059376.D
Acq: 22 Nov 2019 19:26

Instrument :
MSVOA_N
ClientSampleId :
SU-03-112019

Tot Ion: 84 Resp: 839452

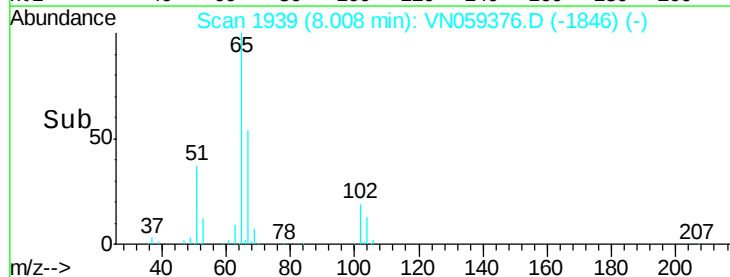
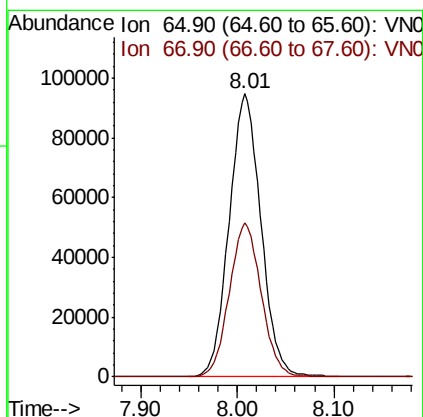
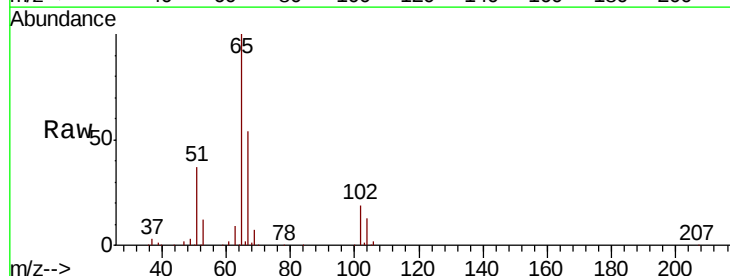
Ion	Ratio	Lower	Upper
84	100		
49	123.7	99.5	149.3
51	38.3	31.1	46.7
86	63.7	49.9	74.9

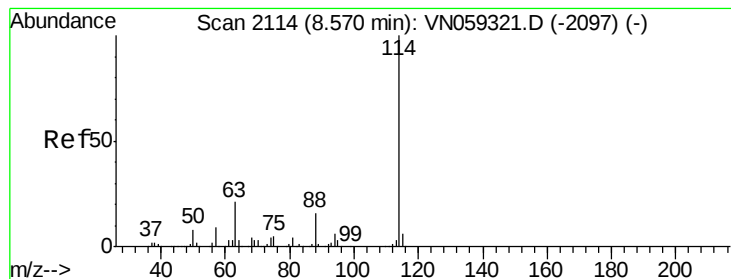


#33
1,2-Dichloroethane-d4
Concen: 48.148 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. -0.00 min
Lab File: VN059376.D
Acq: 22 Nov 2019 19:26

Tgt Ion: 65 Resp: 216290

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VN059376.D

Acq: 22 Nov 2019 19:26

Instrument :

MSVOA_N

ClientSampleId :

SU-03-112019

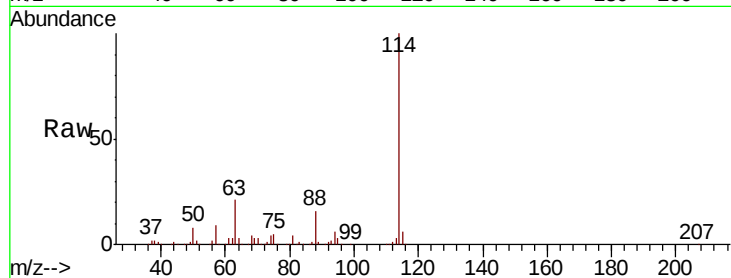
Tot Ion:114 Resp: 572565

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.2

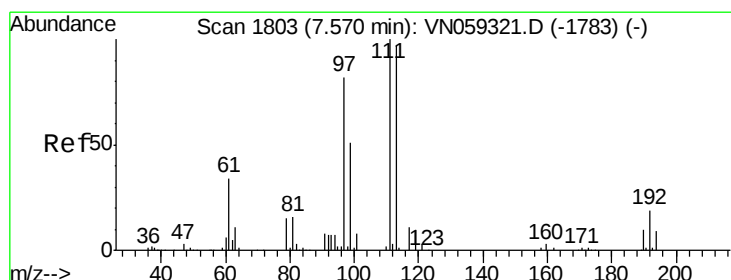
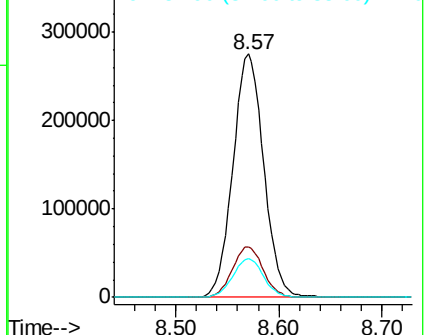
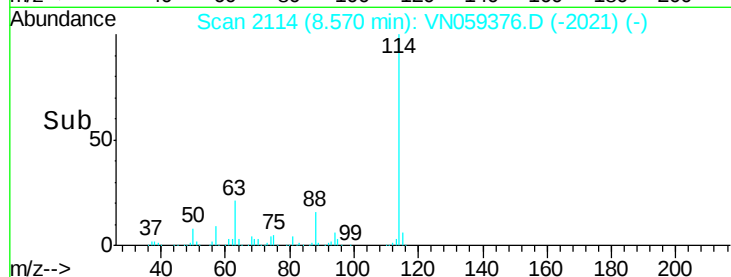
88 15.7 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.241 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN059376.D

Acq: 22 Nov 2019 19:26

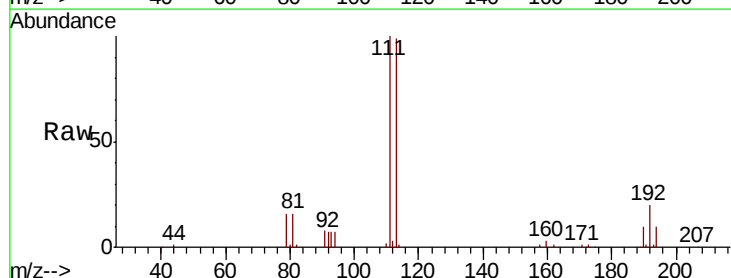
Tgt Ion:113 Resp: 172582

Ion Ratio Lower Upper

113 100

111 103.0 82.7 124.1

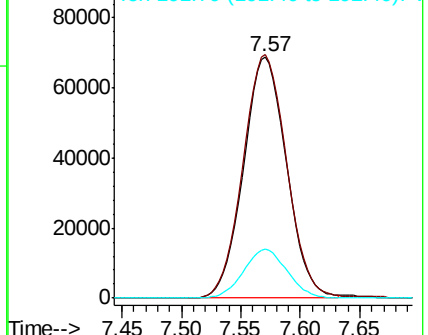
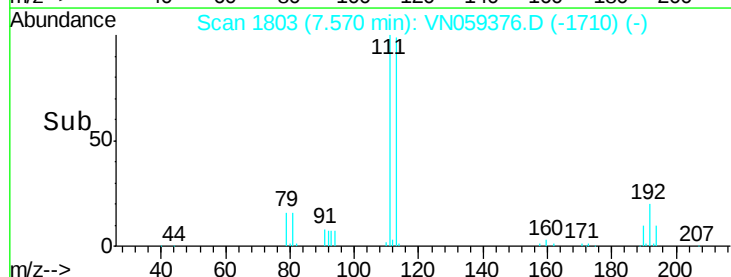
192 20.5 16.3 24.5

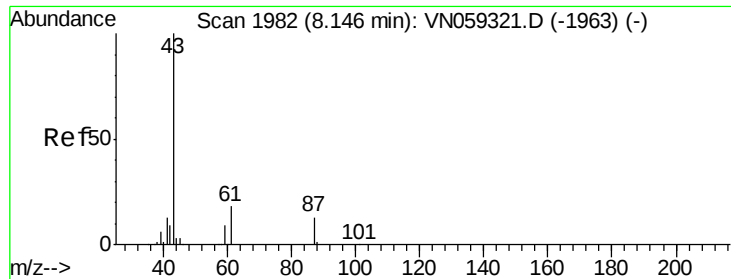


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

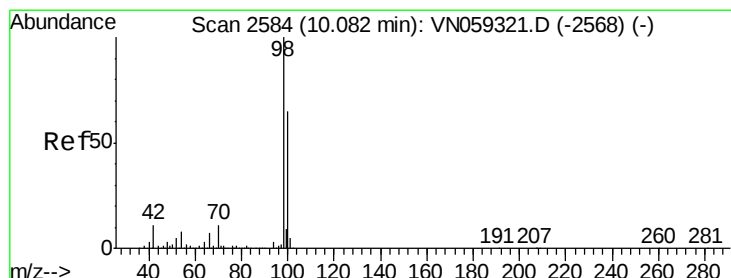
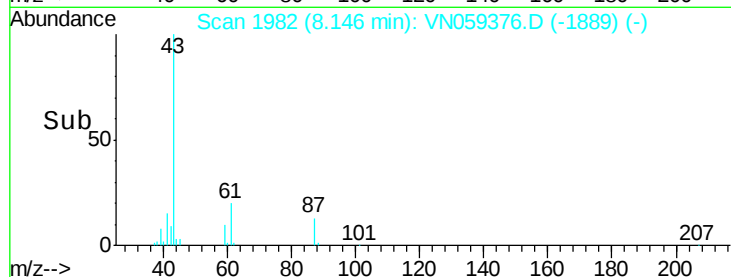
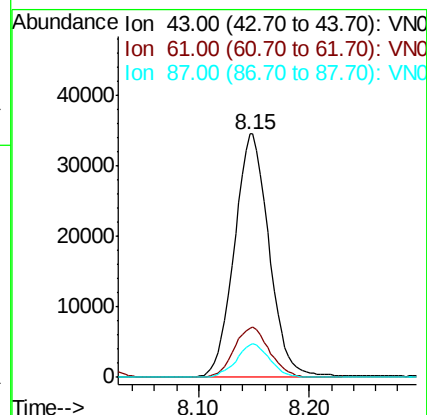
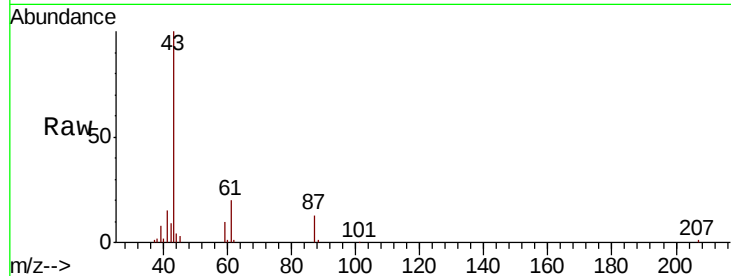




#43
Isopropyl Acetate
Concen: 7.807 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059376.D
Acq: 22 Nov 2019 19:26

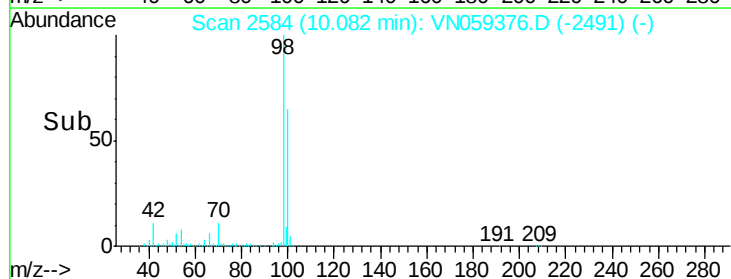
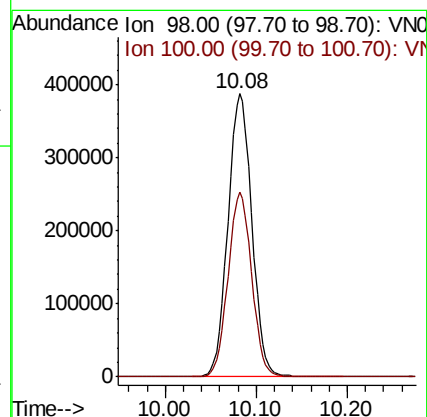
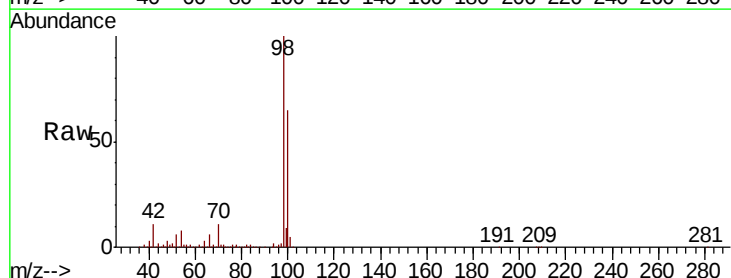
Instrument :
MSVOA_N
ClientSampleId :
SU-03-112019

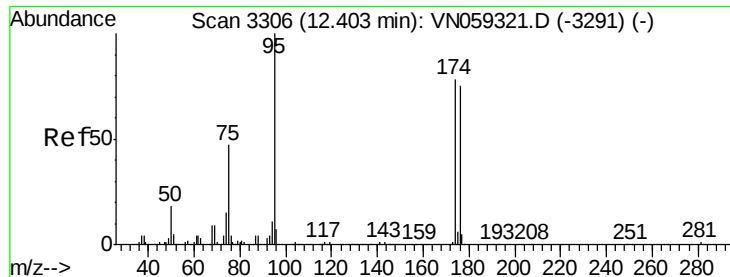
Tot Ion: 43 Resp: 75794
Ion Ratio Lower Upper
43 100
61 20.7 21.7 32.5#
87 12.9 10.2 15.4



#50
Toluene-d8
Concen: 51.813 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059376.D
Acq: 22 Nov 2019 19:26

Tgt Ion: 98 Resp: 707550
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 48.154 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059376.D

Acq: 22 Nov 2019 19:26

Instrument :

MSVOA_N

ClientSampleId :

SU-03-112019

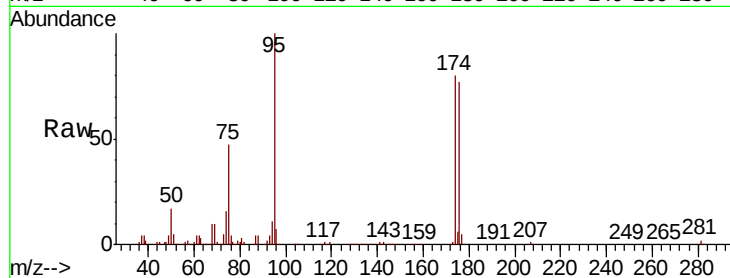
Tot Ion: 95 Resp: 229928

Ion Ratio Lower Upper

95 100

174 80.0 0.0 157.4

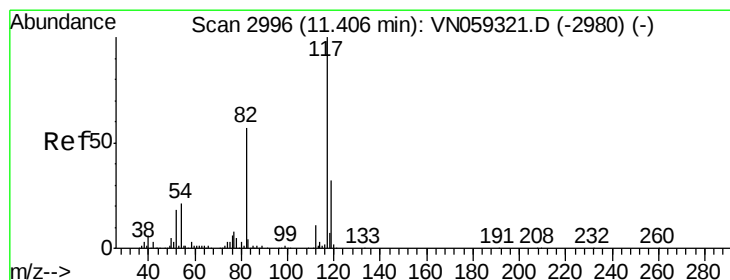
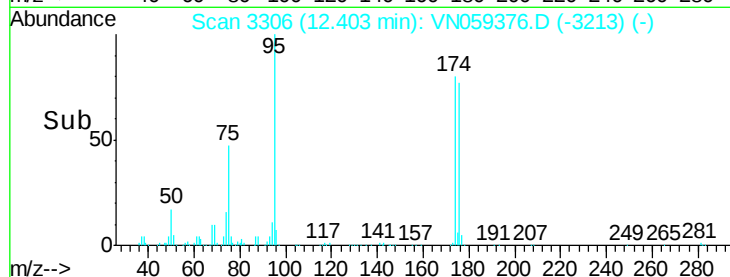
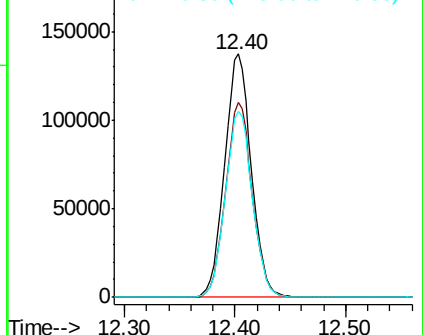
176 77.6 0.0 151.2



Abundance Ion 94.90 (94.60 to 95.60): VN059376.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN059376.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN059376.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059376.D

Acq: 22 Nov 2019 19:26

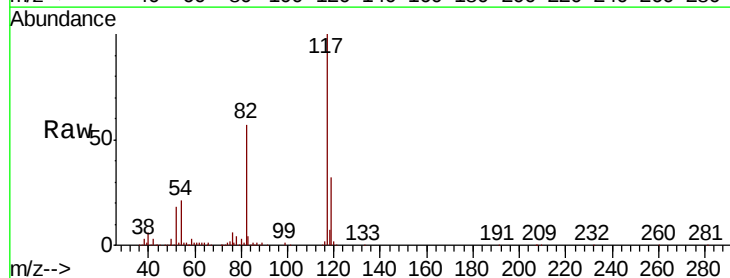
Tgt Ion: 117 Resp: 510178

Ion Ratio Lower Upper

117 100

82 57.0 45.7 68.5

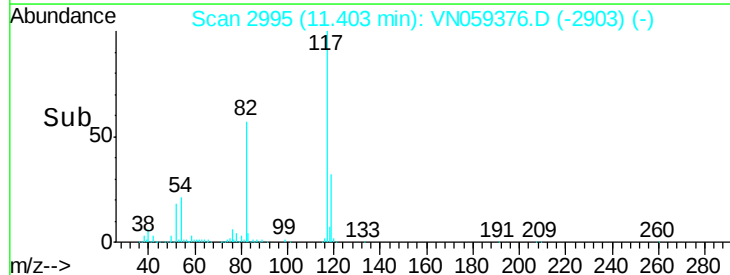
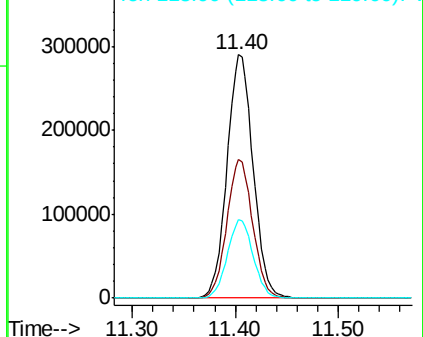
119 32.1 25.8 38.6

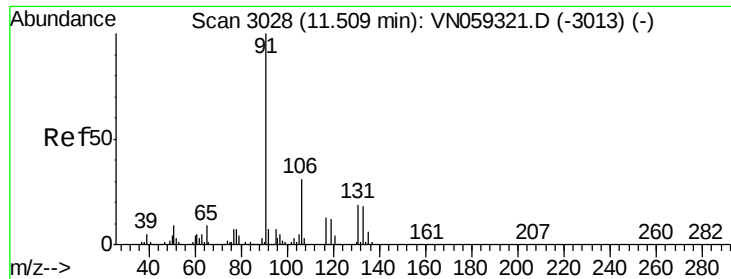


Abundance Ion 116.90 (116.60 to 117.60): VN059376.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN059376.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN059376.D (-2903) (-)

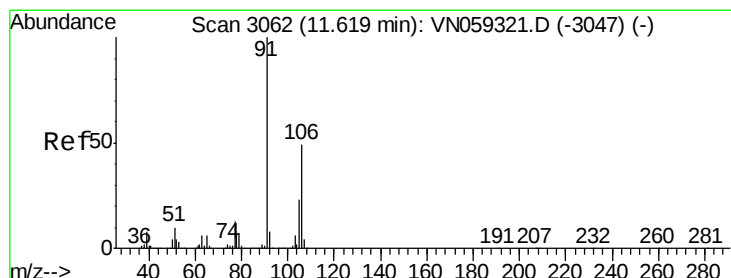
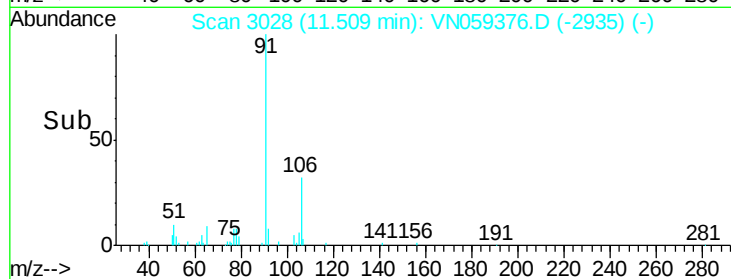
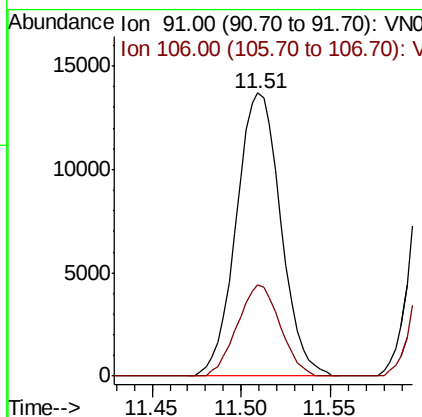
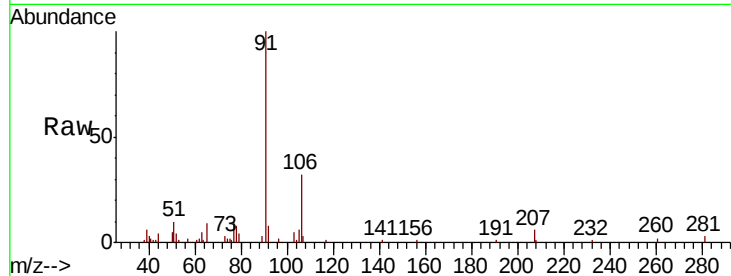




#67
Ethyl Benzene
Concen: 1.214 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN059376.D
Acq: 22 Nov 2019 19:26

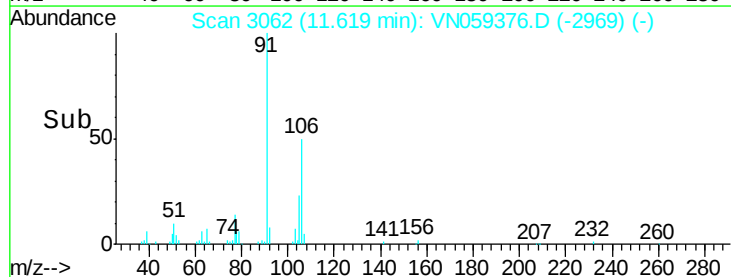
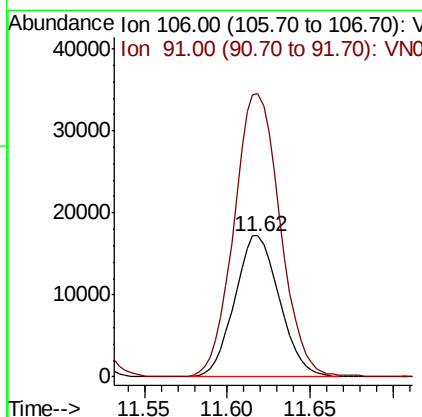
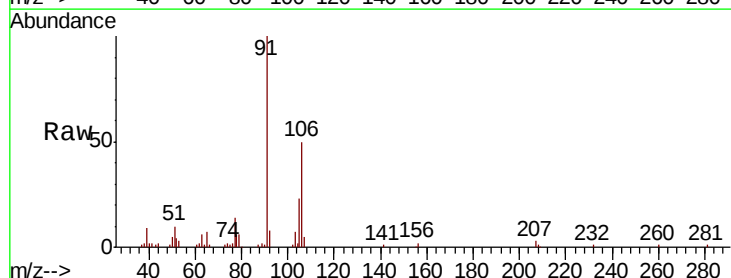
Instrument :
MSVOA_N
ClientSampled :
SU-03-112019

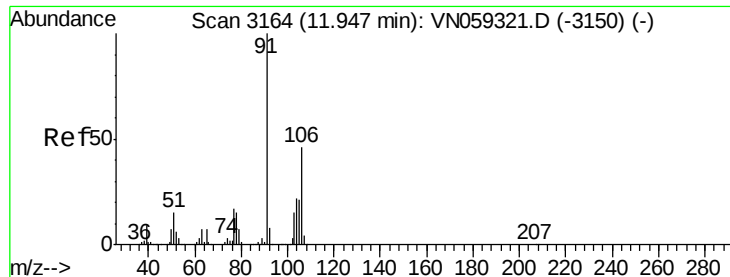
Tot Ion: 91 Resp: 23773
Ion Ratio Lower Upper
91 100
106 32.1 24.6 37.0



#68
m/p-Xylenes
Concen: 4.431 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN059376.D
Acq: 22 Nov 2019 19:26

Tgt Ion: 106 Resp: 32249
Ion Ratio Lower Upper
106 100
91 207.0 163.2 244.8

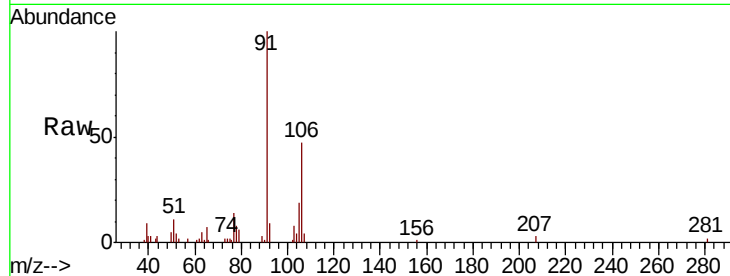




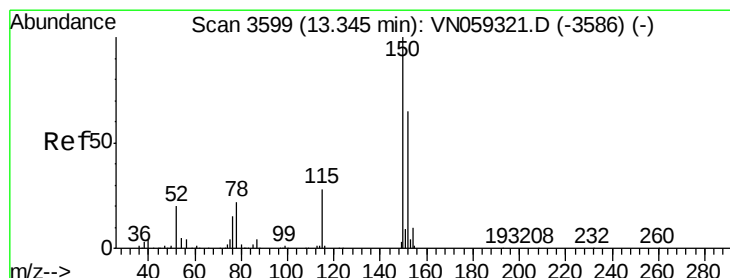
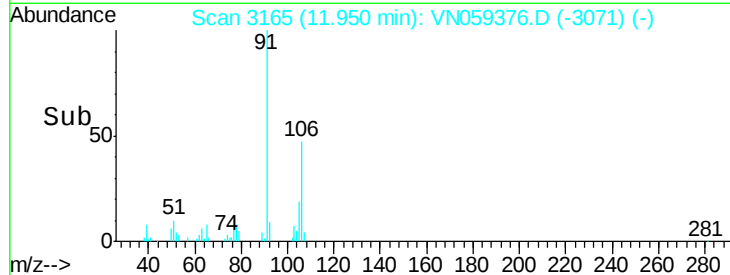
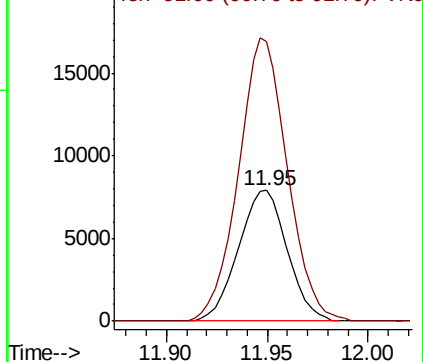
#69
o-Xylene
Concen: 1.918 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN059376.D
Acq: 22 Nov 2019 19:26

Instrument :
MSVOA_N
ClientSampleId :
SU-03-112019

Tot Ion:106 Resp: 13365
Ion Ratio Lower Upper
106 100
91 217.0 109.3 327.9

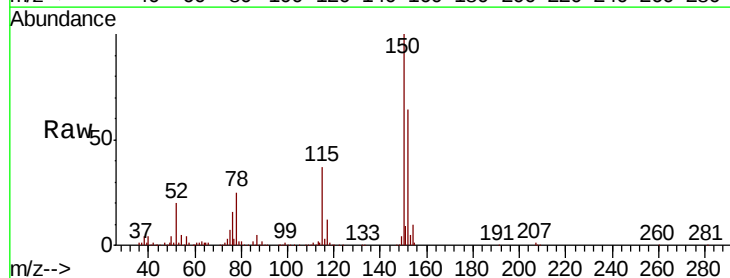


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

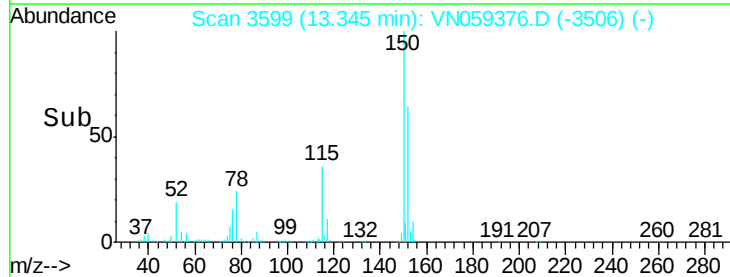
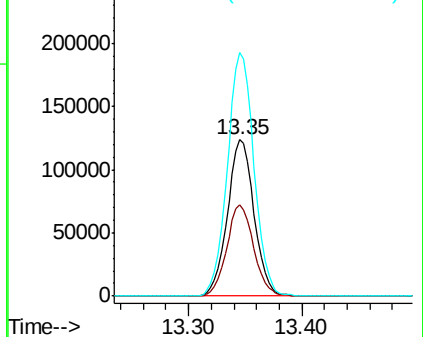


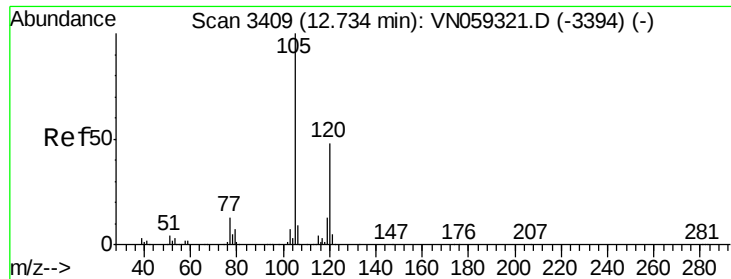
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059376.D
Acq: 22 Nov 2019 19:26

Tgt Ion:152 Resp: 201901
Ion Ratio Lower Upper
152 100
115 58.7 29.3 88.0
150 156.5 0.0 346.0



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

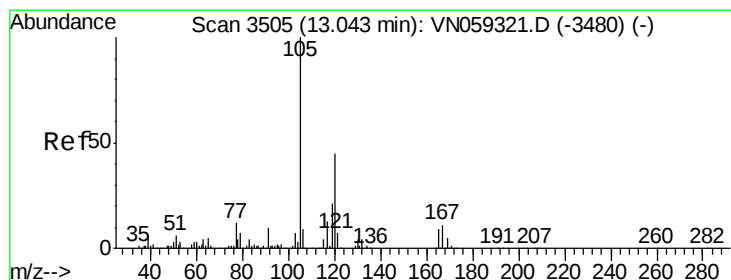
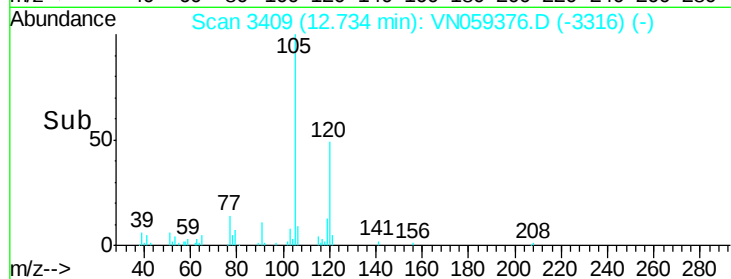
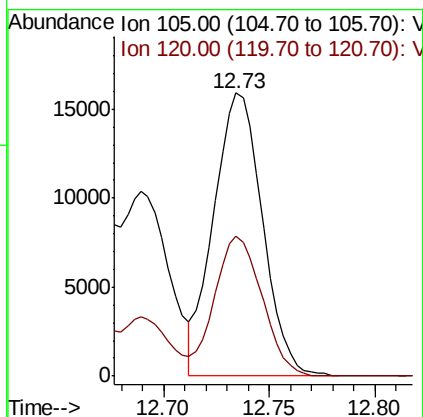
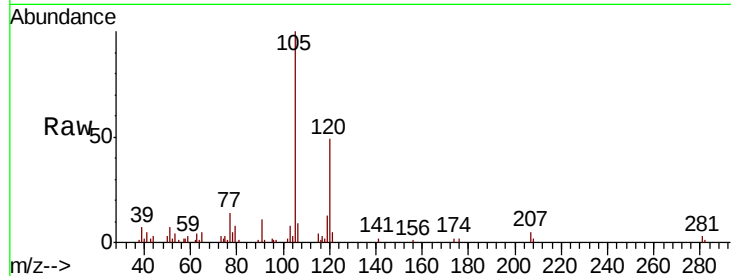




#80
 1,3,5-Trimethylbenzene
 Concen: 1.840 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN059376.D
 Acq: 22 Nov 2019 19:26

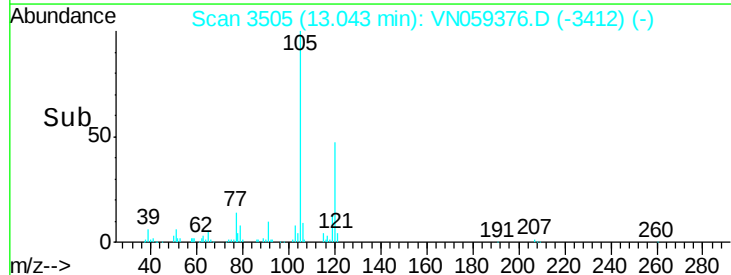
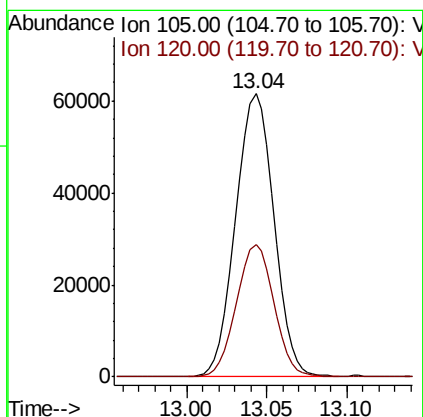
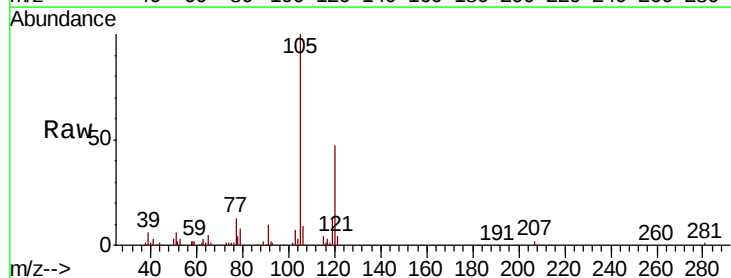
Instrument :
 MSVOA_N
 ClientSampled :
 SU-03-112019

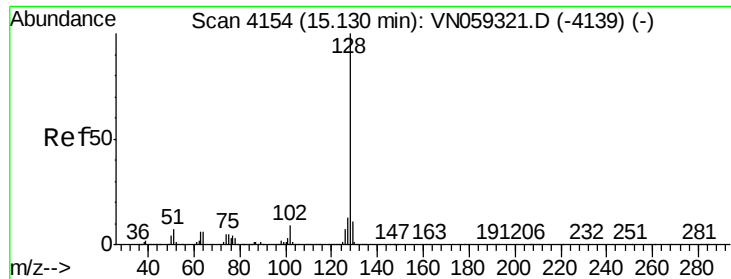
Tot Ion:105 Resp: 25585
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.4



#84
 1,2,4-Trimethylbenzene
 Concen: 7.395 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. -0.00 min
 Lab File: VN059376.D
 Acq: 22 Nov 2019 19:26

Tgt Ion:105 Resp: 100721
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.6 67.8

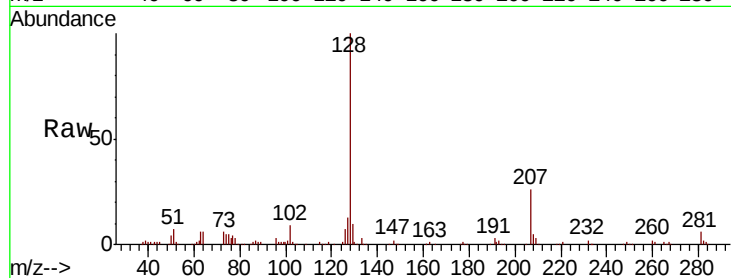




#95
Naphthalene
Concen: 13.128 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059376.D
Acq: 22 Nov 2019 19:26

Instrument :
MSVOA_N
ClientSampleId :
SU-03-112019

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.5	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

