

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019600.D
 Acq On : 24 Nov 2020 13:12
 Operator : JC/MD
 Sample : L4841-02 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 16855

Quant Time: Nov 25 10:23:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	314776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	522513	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	466480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199346	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	195649	47.94	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.88%	
35) Dibromofluoromethane		5.46	113	153608	46.83	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.66%	
50) Toluene-d8		8.70	98	627108	49.20	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.40%	
62) 4-Bromofluorobenzene		11.12	95	214230	46.72	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.44%	

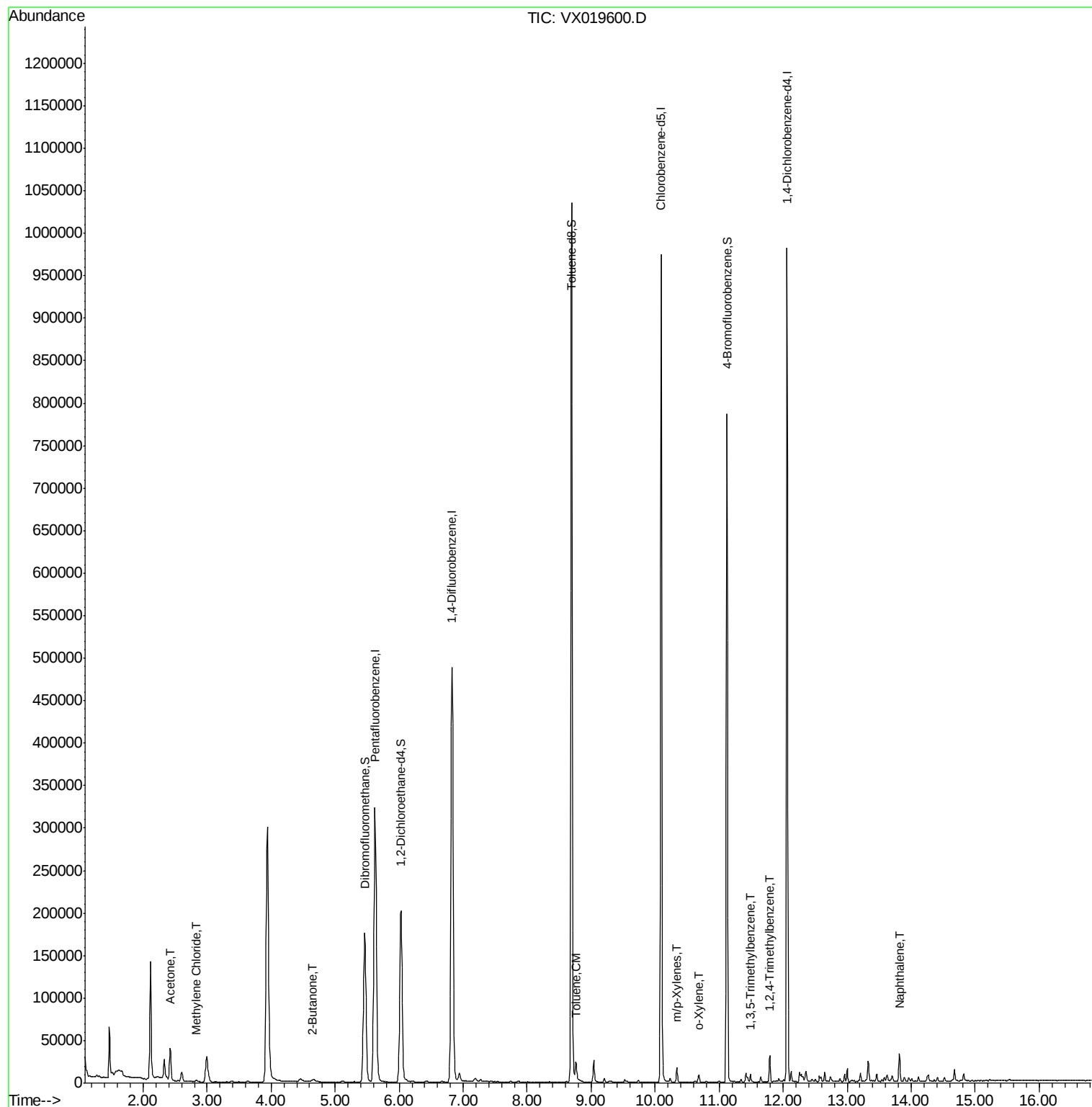
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	39632	25.110	ug/l	99
20) Methylene Chloride	2.83	84	1059	0.268	ug/l	91
25) 2-Butanone	4.65	43	2823	1.191	ug/l	90
52) Toluene	8.76	92	7222	0.784	ug/l	100
68) m/p-Xylenes	10.34	106	4179	0.668	ug/l	98
69) o-Xylene	10.68	106	1967	0.329	ug/l	95
80) 1,3,5-Trimethylbenzene	11.49	105	3857	0.333	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	13411	1.146	ug/l	99
95) Naphthalene	13.82	128	20649	3.521	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112420\
Data File : VX019600.D
Acq On : 24 Nov 2020 13:12
Operator : JC/MD
Sample : L4841-02 50X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
16855

Quant Time: Nov 25 10:23:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019600.D

Acq: 24 Nov 2020 13:12

Instrument :

MSVOA_X

ClientSampleId :

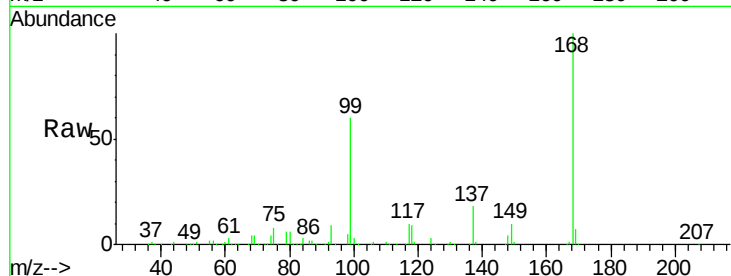
16855

Tot Ion:168 Resp: 314776

Ion Ratio Lower Upper

168 100

99 60.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

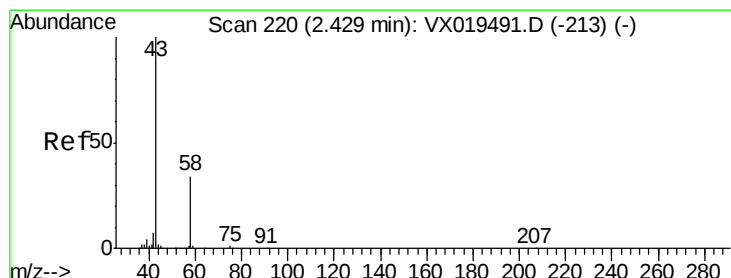
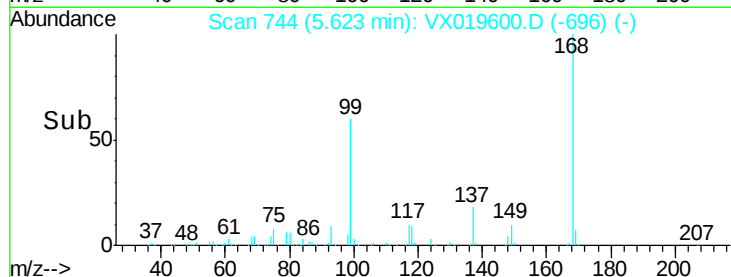
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 25.110 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019600.D

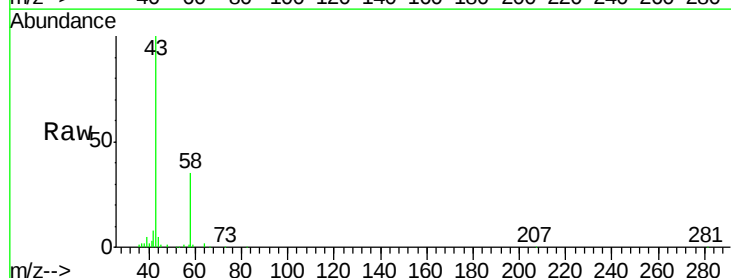
Acq: 24 Nov 2020 13:12

Tgt Ion: 43 Resp: 39632

Ion Ratio Lower Upper

43 100

58 35.1 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

25000

20000

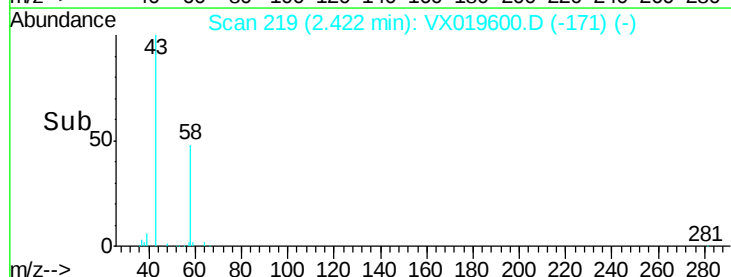
15000

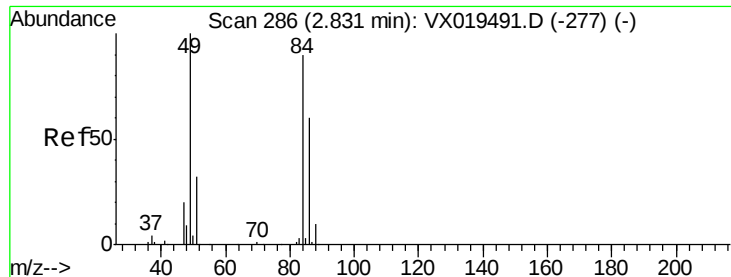
10000

5000

0

Time-->

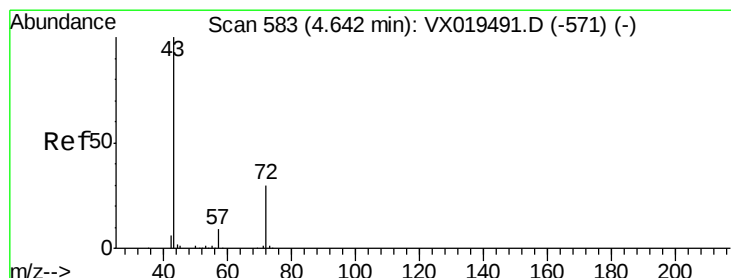
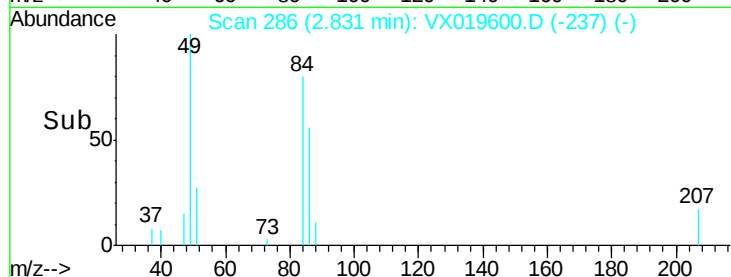
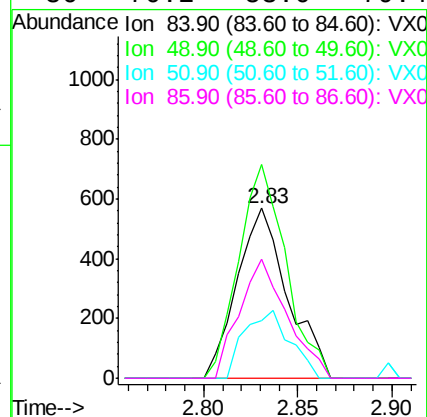
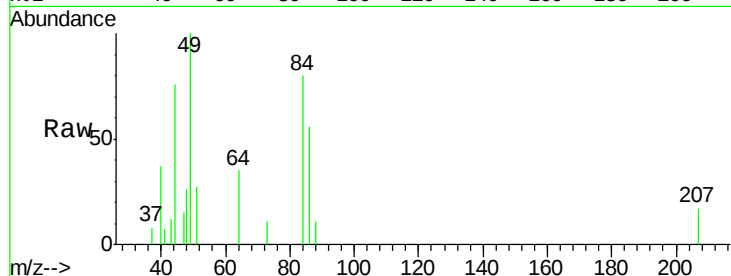




#20
Methvlene Chloride
Concen: 0.268 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

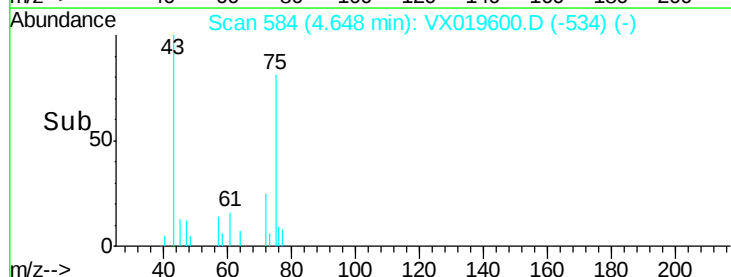
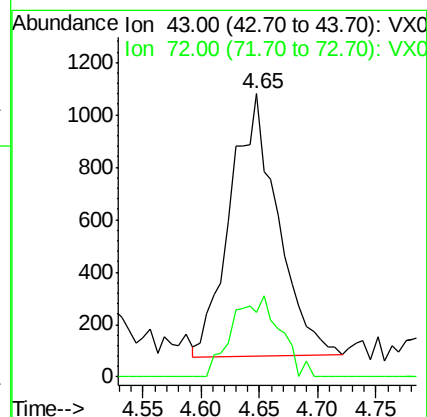
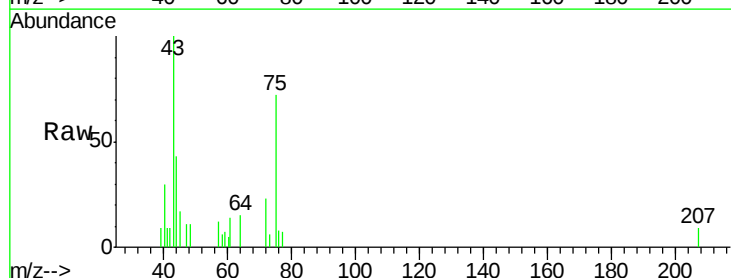
Instrument :
MSVOA_X
ClientSampled :
16855

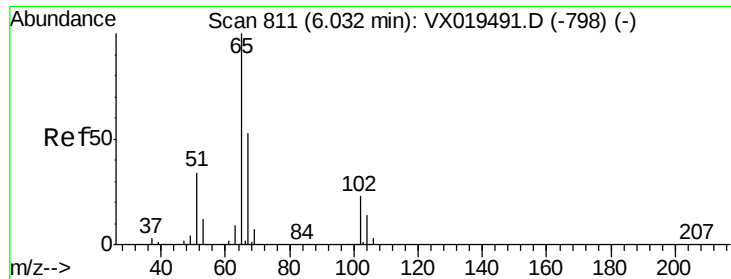
Tot Ion: 84 Resp: 1059
Ion Ratio Lower Upper
84 100
49 125.4 88.5 132.7
51 34.2 28.0 42.0
86 70.2 53.0 79.4



#25
2-Butanone
Concen: 1.191 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Tgt Ion: 43 Resp: 2823
Ion Ratio Lower Upper
43 100
72 24.7 24.0 36.0

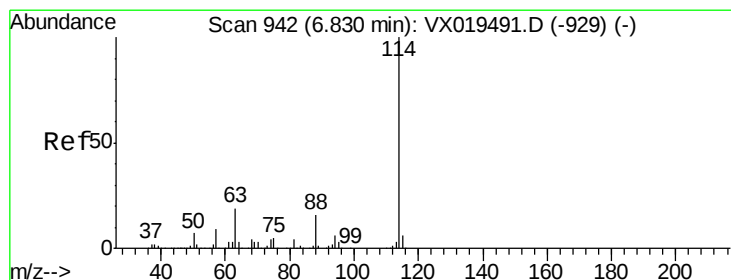
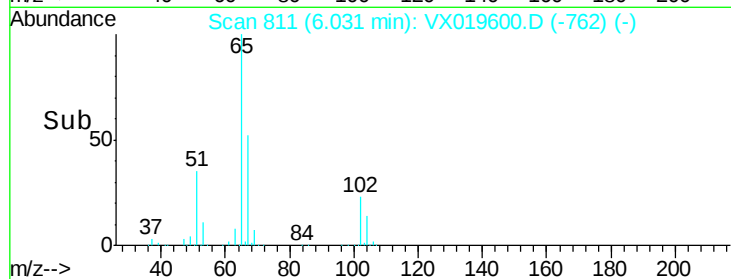
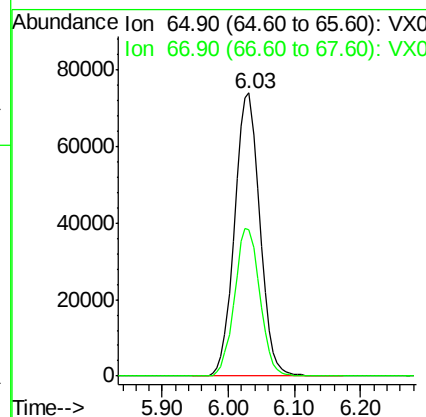
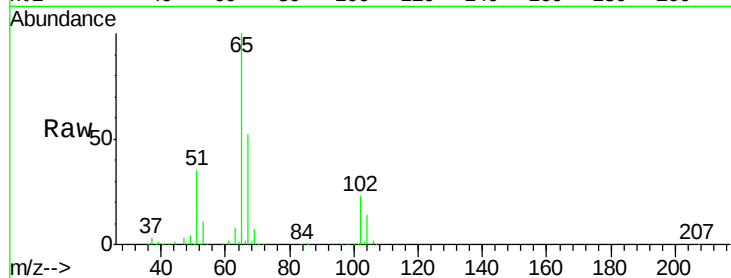




#33
 1,2-Dichloroethane-d4
 Concen: 47.937 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019600.D
 Acq: 24 Nov 2020 13:12

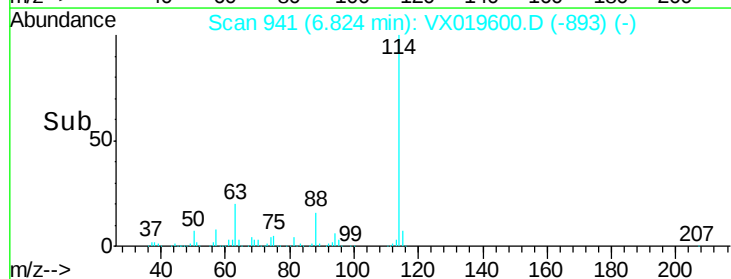
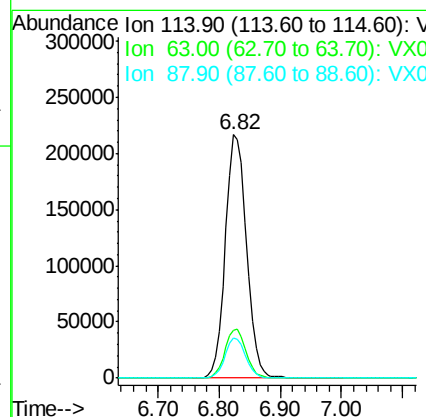
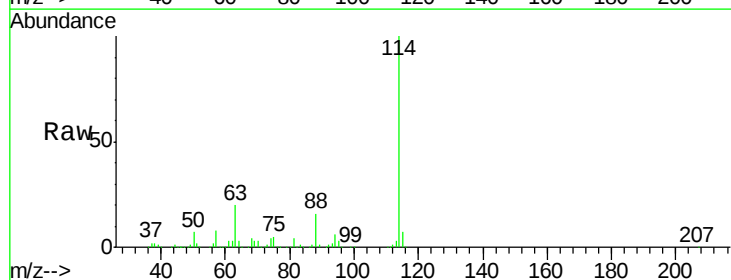
Instrument :
 MSVOA_X
 ClientSampleId :
 16855

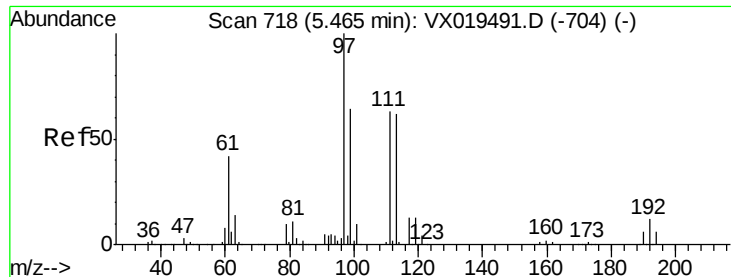
Tot Ion: 65 Resp: 195649
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019600.D
 Acq: 24 Nov 2020 13:12

Tgt Ion: 114 Resp: 522513
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.8
 88 16.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 46.834 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019600.D

Acq: 24 Nov 2020 13:12

Instrument :

MSVOA_X

ClientSampleId :

16855

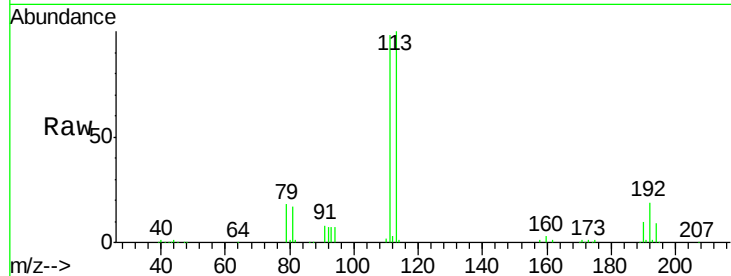
Tot Ion:113 Resp: 153608

Ion Ratio Lower Upper

113 100

111 101.8 81.5 122.3

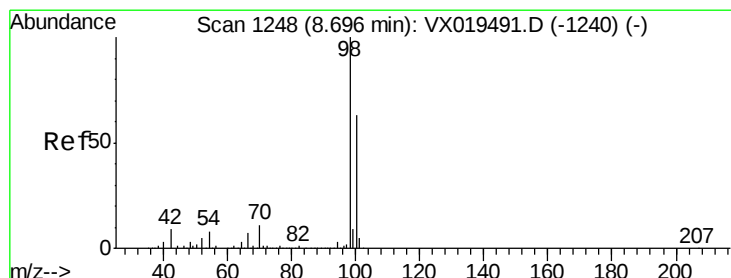
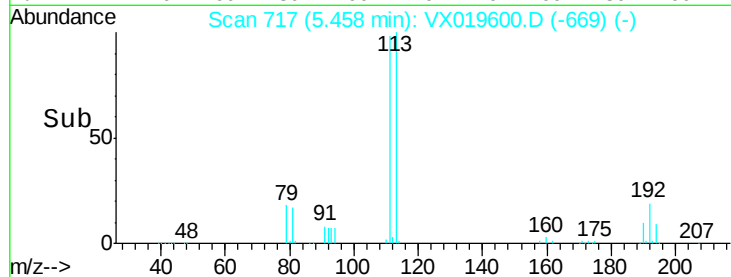
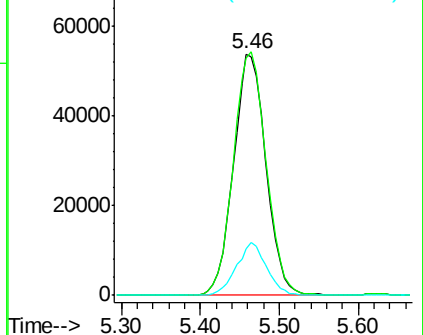
192 20.4 16.2 24.2



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



#50

Toluene-d8

Concen: 49.204 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019600.D

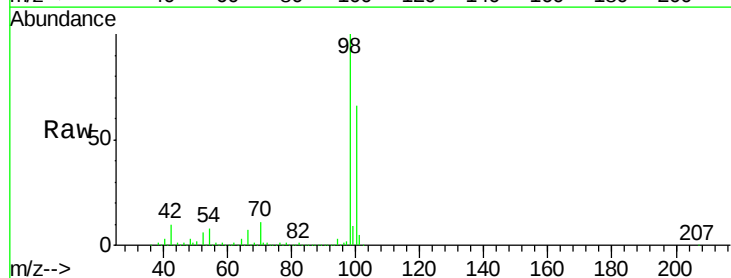
Acq: 24 Nov 2020 13:12

Tgt Ion: 98 Resp: 627108

Ion Ratio Lower Upper

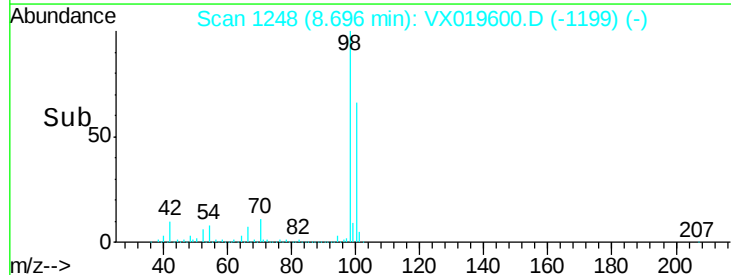
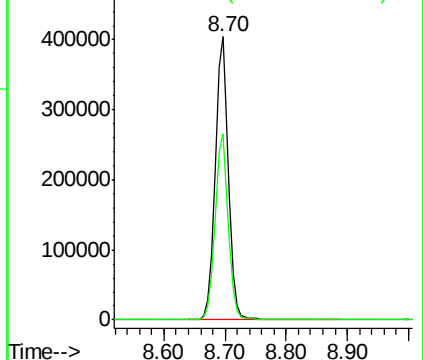
98 100

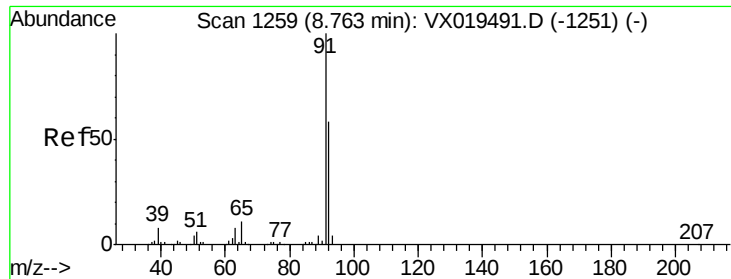
100 65.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.784 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019600.D

Acq: 24 Nov 2020 13:12

Instrument :

MSVOA_X

ClientSampleId :

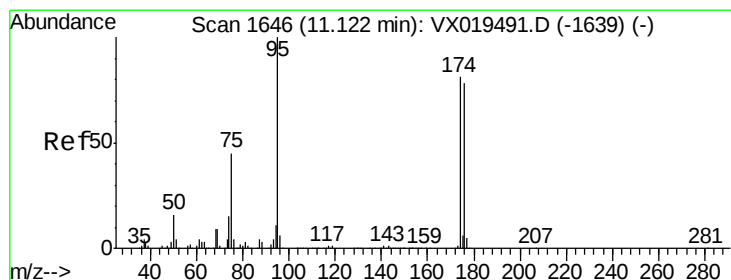
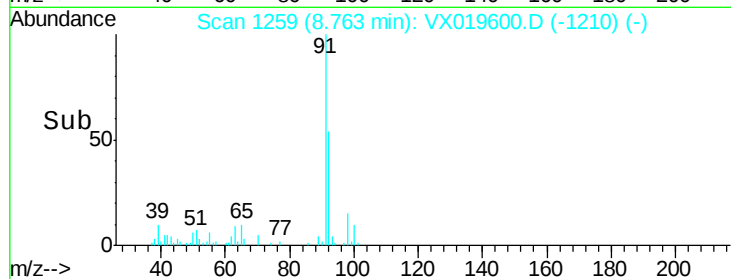
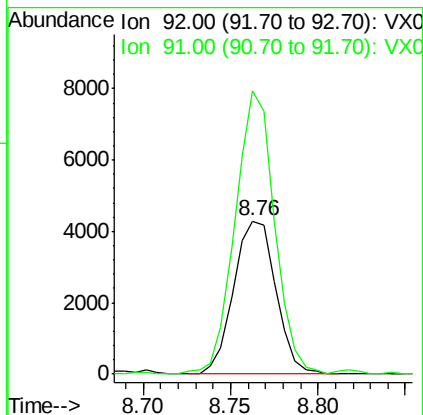
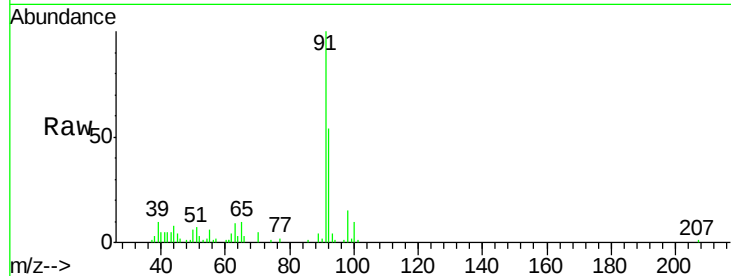
16855

Tot Ion: 92 Resp: 7222

Ion Ratio Lower Upper

92 100

91 172.2 138.1 207.1



#62

4-Bromofluorobenzene

Concen: 46.719 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019600.D

Acq: 24 Nov 2020 13:12

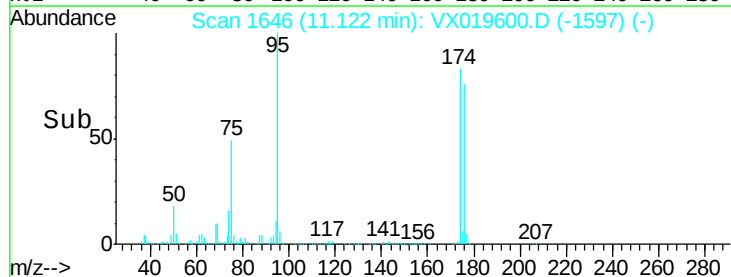
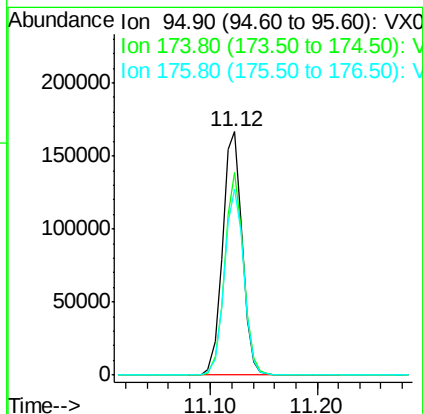
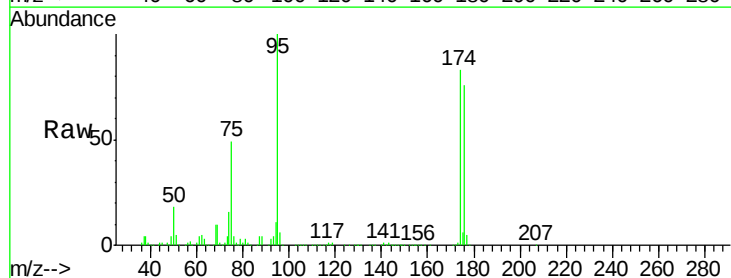
Tgt Ion: 95 Resp: 214230

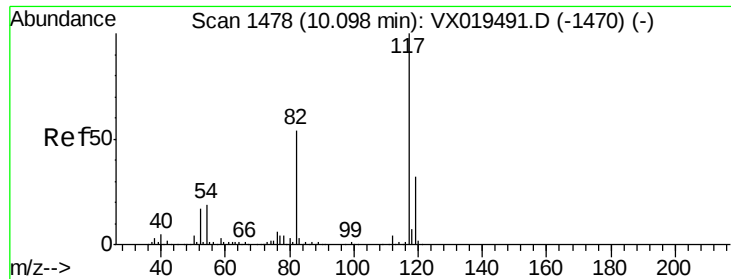
Ion Ratio Lower Upper

95 100

174 79.9 0.0 156.2

176 75.8 0.0 151.4

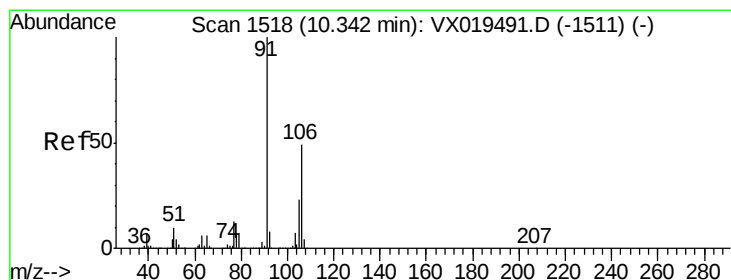
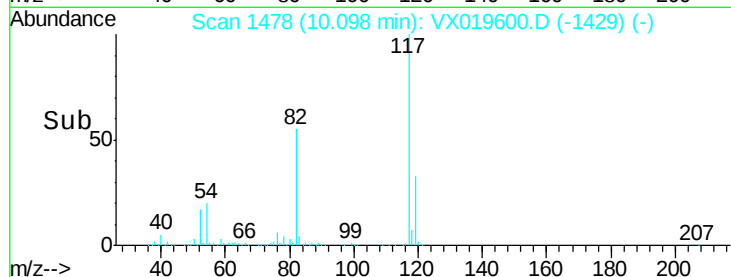
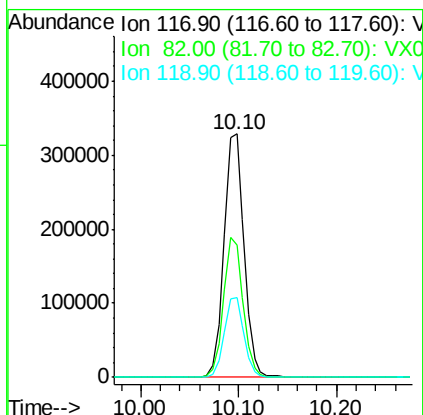
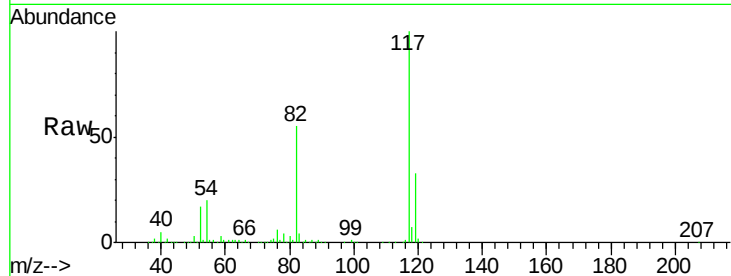




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

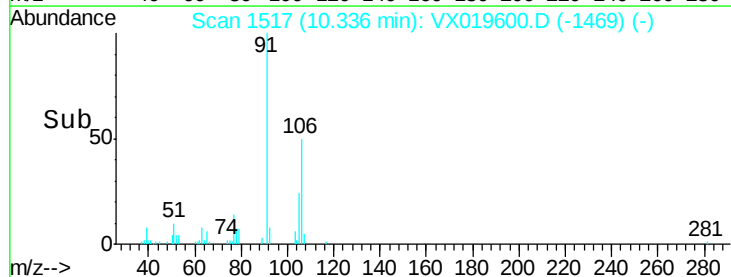
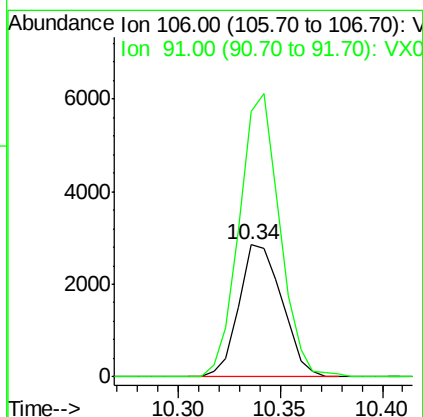
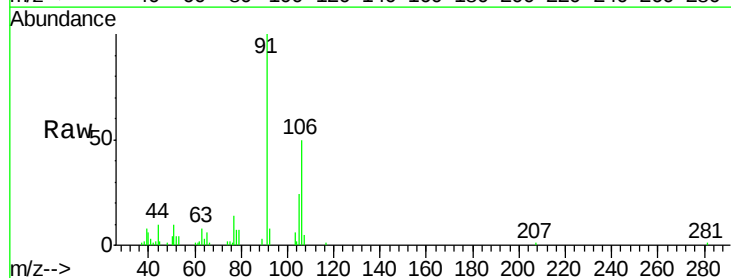
Instrument :
MSVOA_X
ClientSampleId :
16855

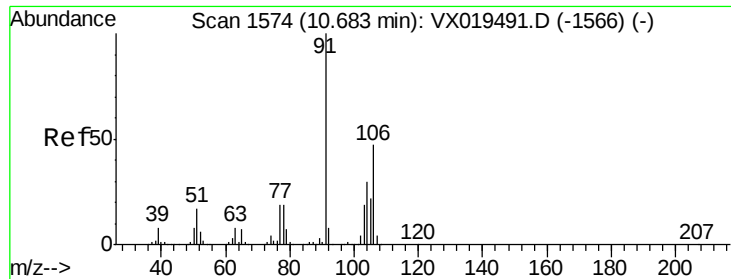
Tot Ion:117 Resp: 466480
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 32.6 25.6 38.4



#68
m/p-Xylenes
Concen: 0.668 ug/l
RT: 10.34 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Tgt Ion:106 Resp: 4179
Ion Ratio Lower Upper
106 100
91 201.0 163.3 244.9

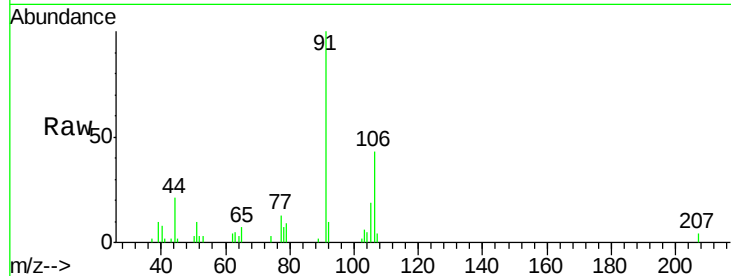




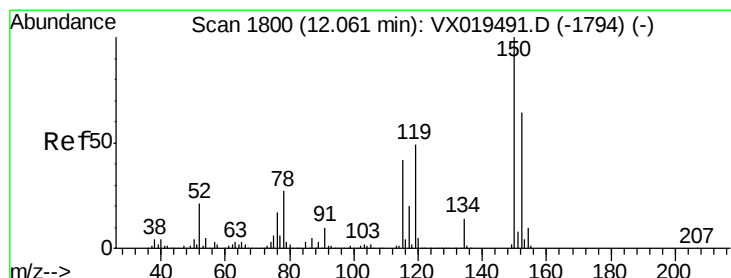
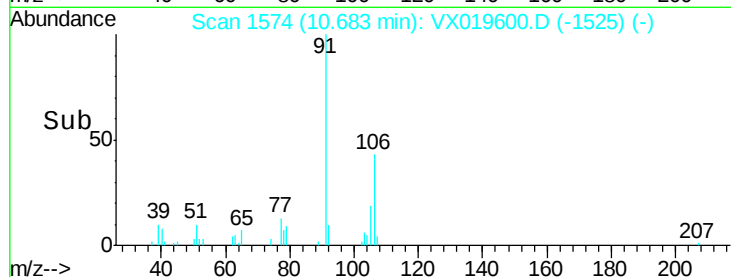
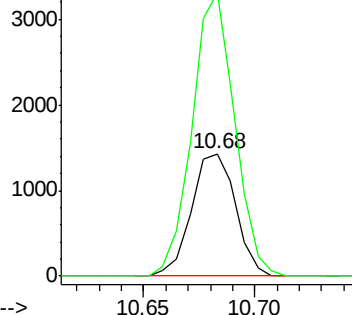
#69
o-Xylene
Concen: 0.329 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Instrument :
MSVOA_X
ClientSampled :
16855

Tot Ion:106 Resp: 1967
Ion Ratio Lower Upper
106 100
91 223.6 108.0 324.0

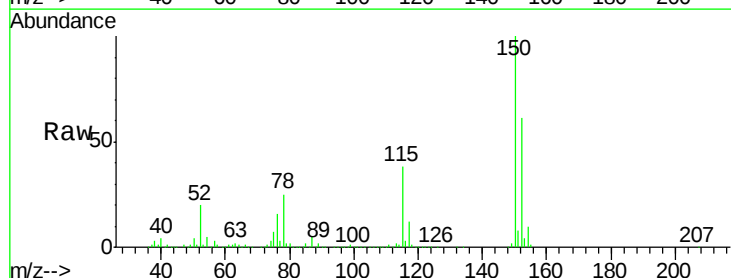


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

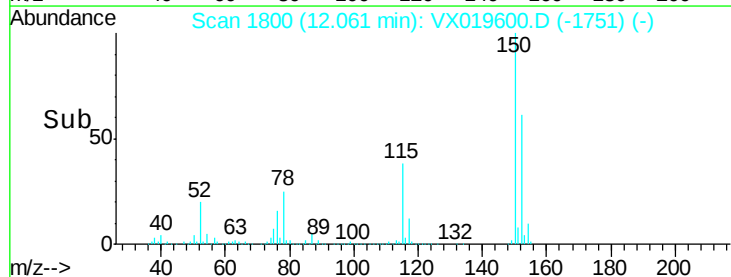
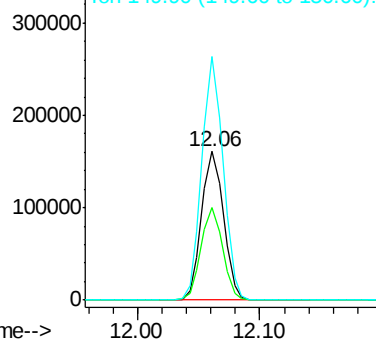


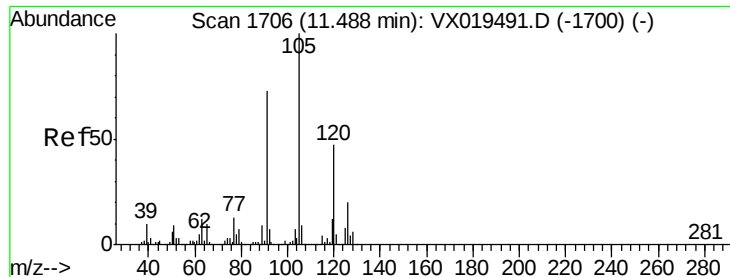
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Tgt Ion:152 Resp: 199346
Ion Ratio Lower Upper
152 100
115 61.0 41.8 125.4
150 158.3 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

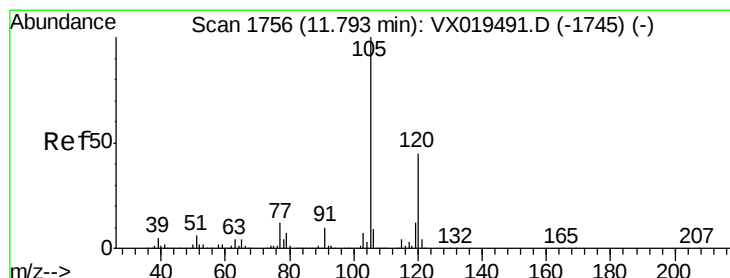
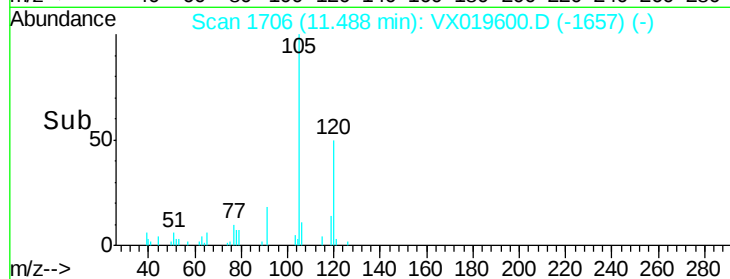
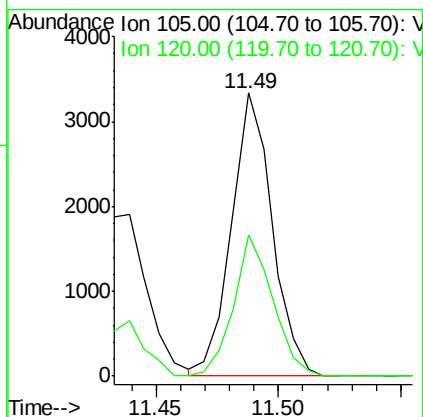
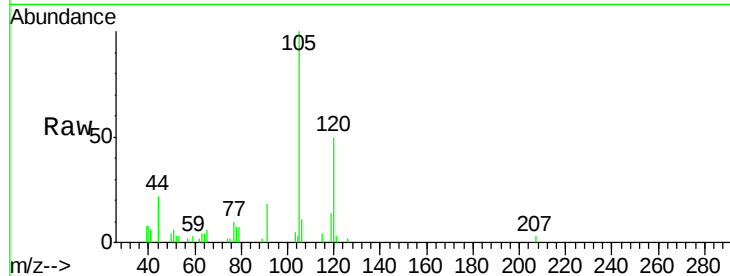




#80
 1,3,5-Trimethylbenzene
 Concen: 0.333 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019600.D
 Acq: 24 Nov 2020 13:12

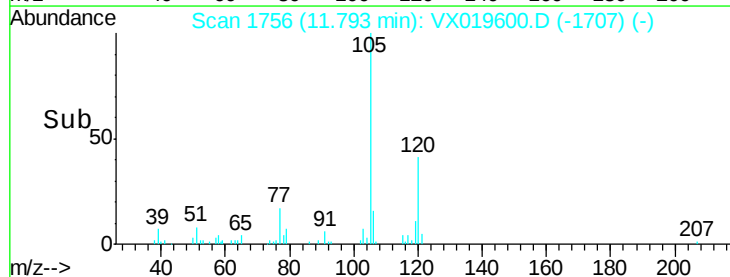
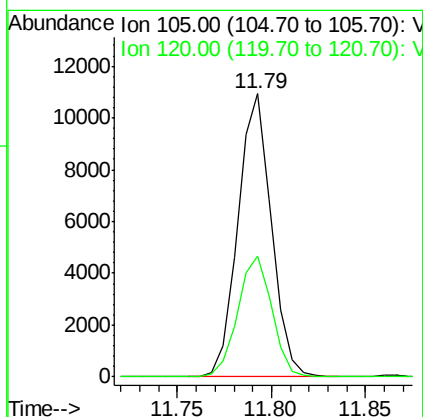
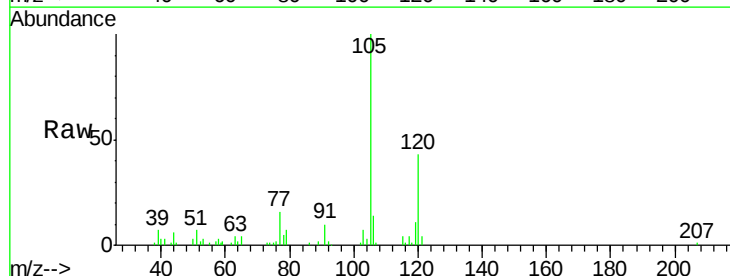
Instrument :
 MSVOA_X
 ClientSampleId :
 16855

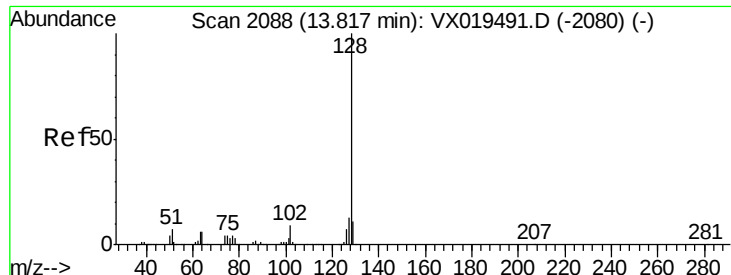
Tot Ion:105 Resp: 3857
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.1 72.3



#84
 1,2,4-Trimethylbenzene
 Concen: 1.146 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019600.D
 Acq: 24 Nov 2020 13:12

Tgt Ion:105 Resp: 13411
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.2 66.6





#95

Naphthalene

Concen: 3.521 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019600.D

Acq: 24 Nov 2020 13:12

Instrument :

MSVOA_X

ClientSampleId :

16855

Tot Ion:128 Resp: 20649

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.9 8.7 13.1

