

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013719.D
 Acq On : 03 Dec 2019 13:00
 Operator : JC/SP
 Sample : K5676-38
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-01-112719

Quant Time: Dec 03 15:45:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	703075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1093549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	986852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	470075	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	395267	48.43	ug/l	0.00
Spiked Amount						
			Recovery	=	96.86%	
35) Dibromofluoromethane	5.48	113	326461	48.29	ug/l	0.00
Spiked Amount						
			Recovery	=	96.58%	
50) Toluene-d8	8.71	98	1300240	49.36	ug/l	0.00
Spiked Amount						
			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.14	95	454528	47.85	ug/l	0.00
Spiked Amount						
			Recovery	=	95.70%	

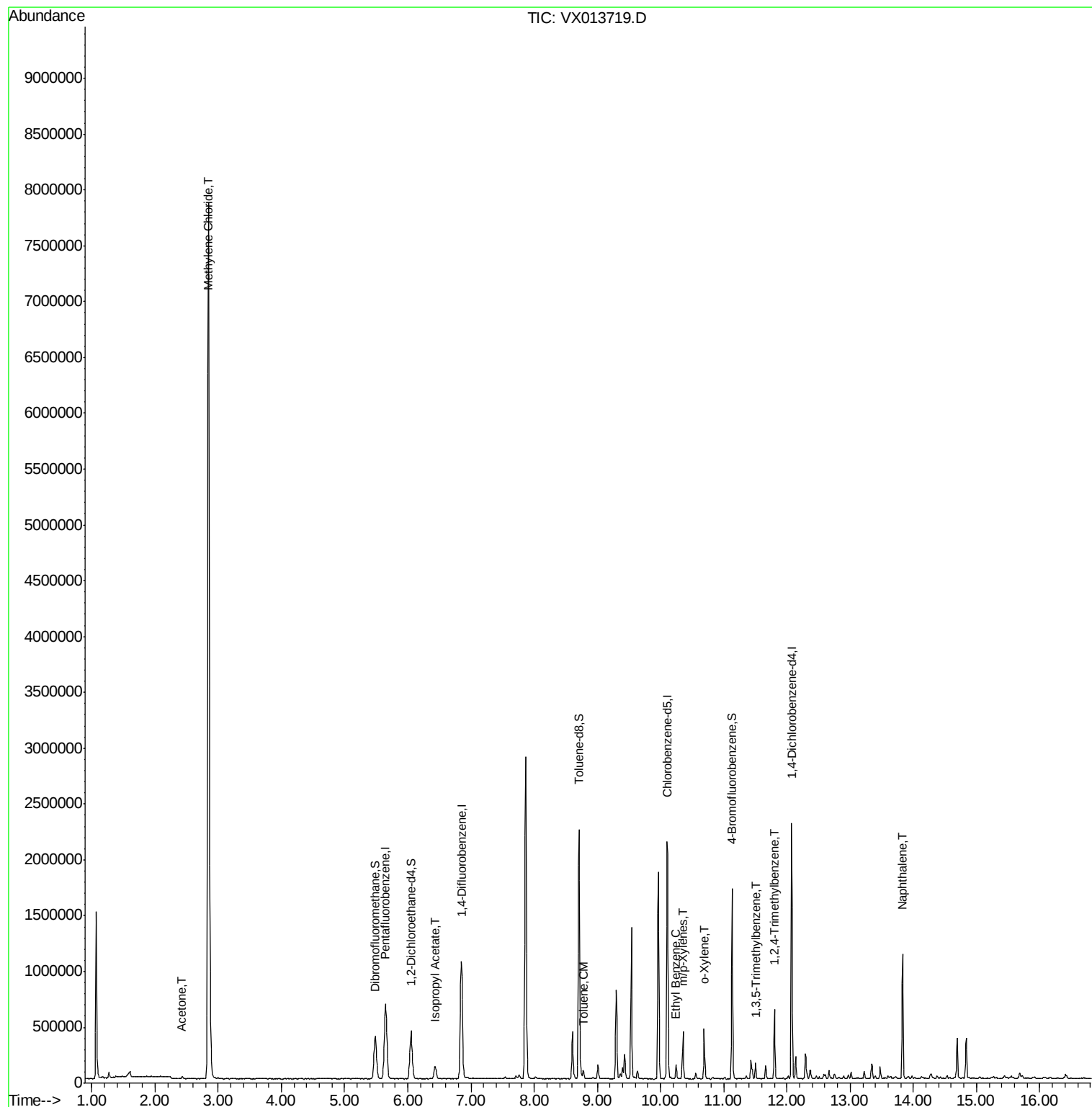
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	25510	6.331	ug/l	95
20) Methylene Chloride	2.84	84	3645174	470.899	ug/l	99
43) Isopropyl Acetate	6.43	43	156756	8.550	ug/l	99
52) Toluene	8.78	92	25271	1.345	ug/l	99
67) Ethyl Benzene	10.25	91	76398	2.170	ug/l	97
68) m/p-Xylenes	10.35	106	105659	7.838	ug/l	100
69) o-Xylene	10.70	106	46584	3.543	ug/l	95
80) 1,3,5-Trimethylbenzene	11.50	105	62767	2.323	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	279342	10.185	ug/l	99
95) Naphthalene	13.83	128	662566	20.807	ug/l	100

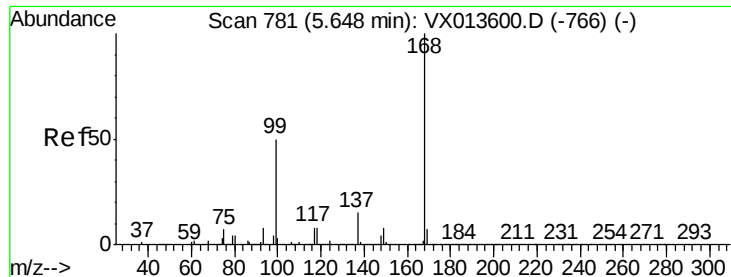
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120319\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013719.D

Acq: 03 Dec 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

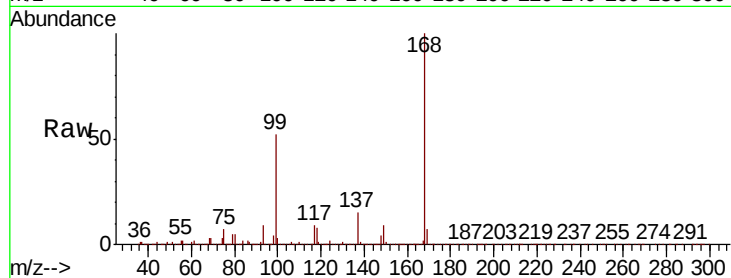
SU-01-112719

Tot Ion:168 Resp: 703075

Ion Ratio Lower Upper

168 100

99 51.9 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

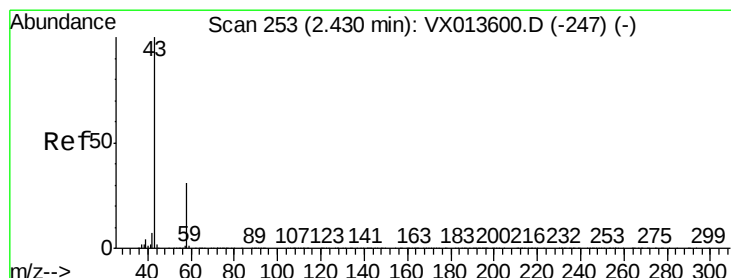
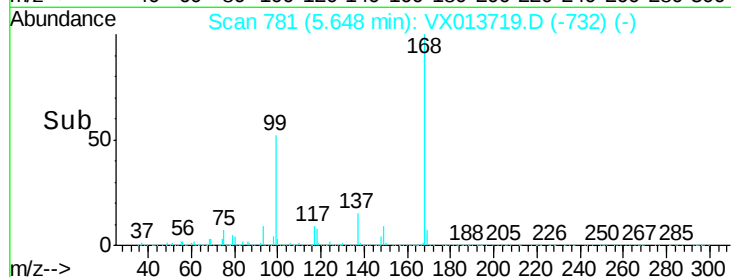
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.331 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013719.D

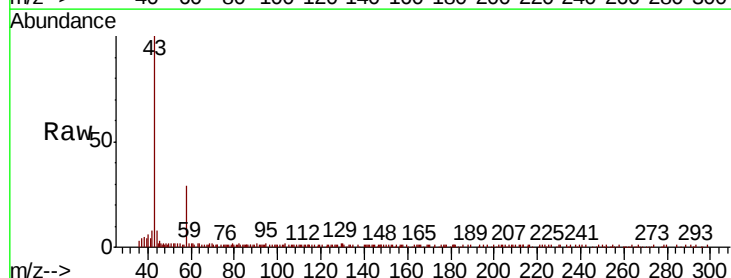
Acq: 03 Dec 2019 13:00

Tgt Ion: 43 Resp: 25510

Ion Ratio Lower Upper

43 100

58 27.9 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

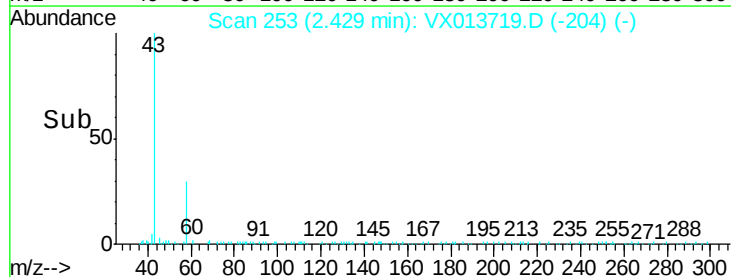
15000

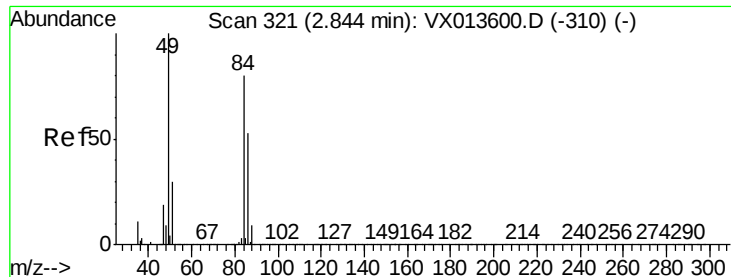
10000

5000

0

Time-->



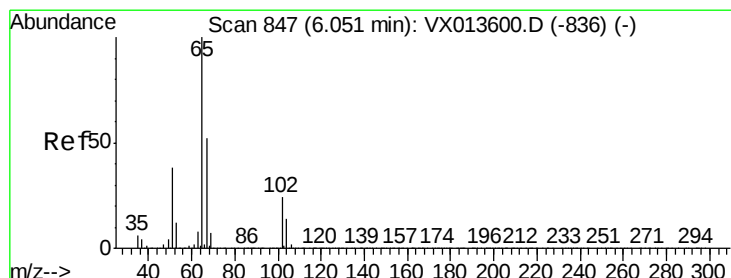
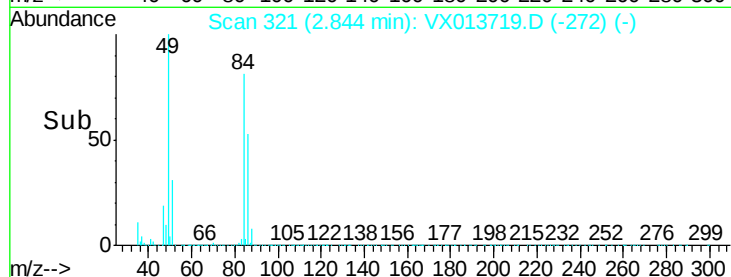
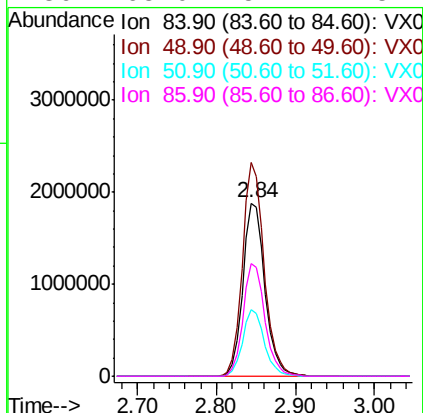
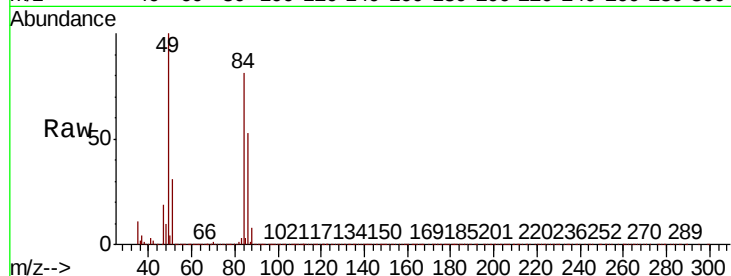


#20
Methvlene Chloride
Concen: 470.899 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013719.D
Acq: 03 Dec 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
SU-01-112719

Tot Ion: 84 Resp: 3645174

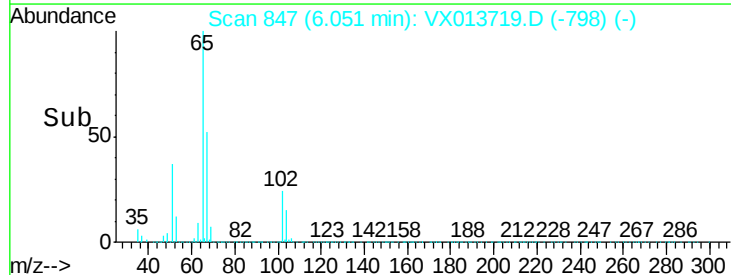
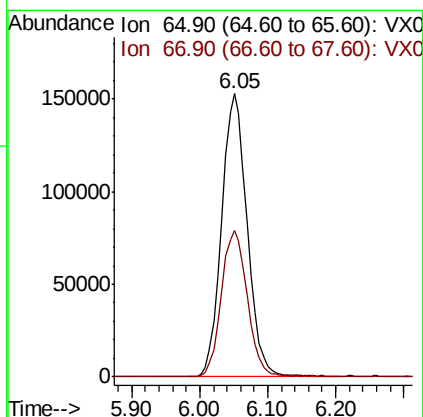
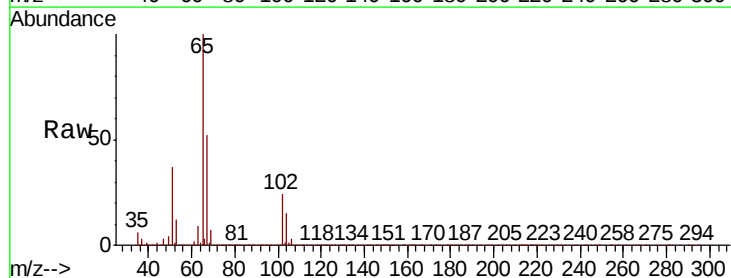
Ion	Ratio	Lower	Upper
84	100		
49	123.3	99.7	149.5
51	38.4	29.9	44.9
86	65.0	52.2	78.4

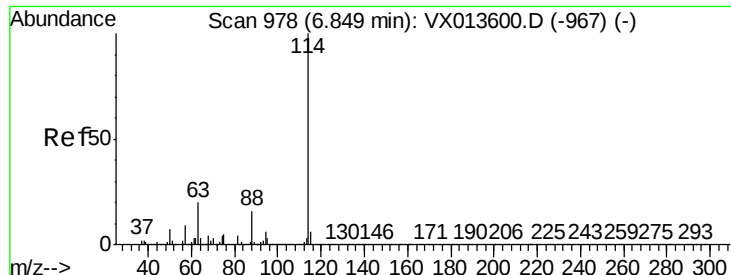


#33
1,2-Dichloroethane-d4
Concen: 48.433 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013719.D
Acq: 03 Dec 2019 13:00

Tgt Ion: 65 Resp: 395267

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	104.4

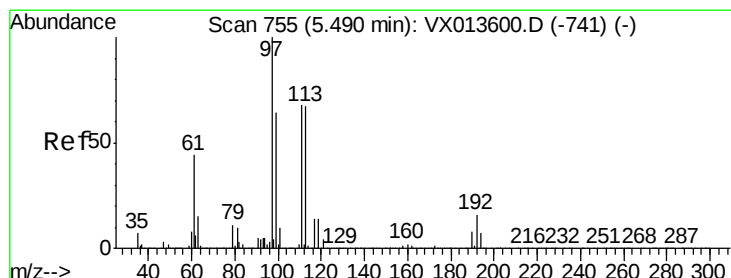
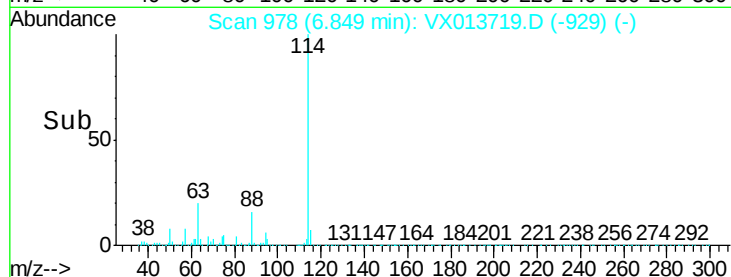
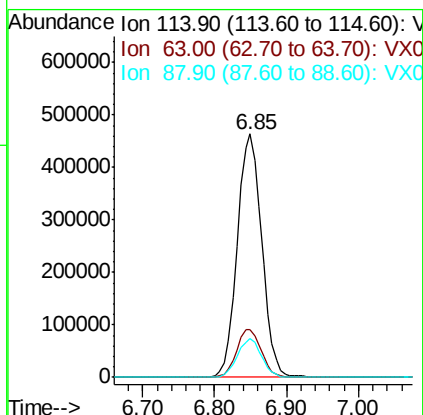
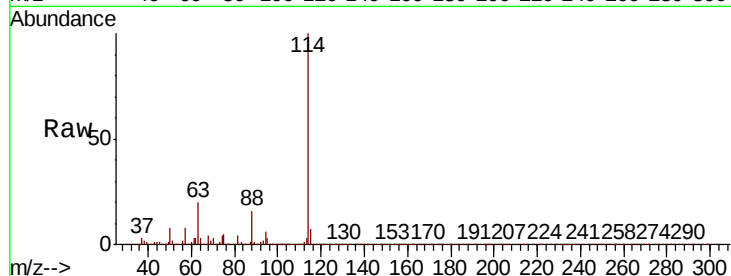




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013719.D
Acq: 03 Dec 2019 13:00

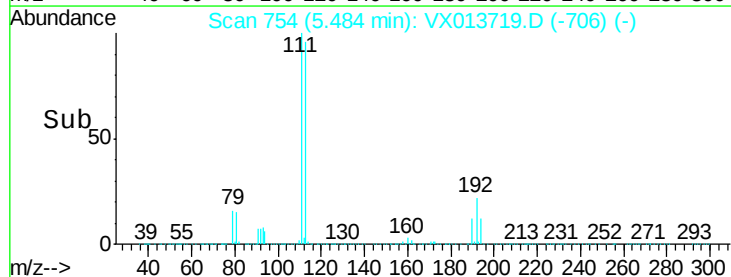
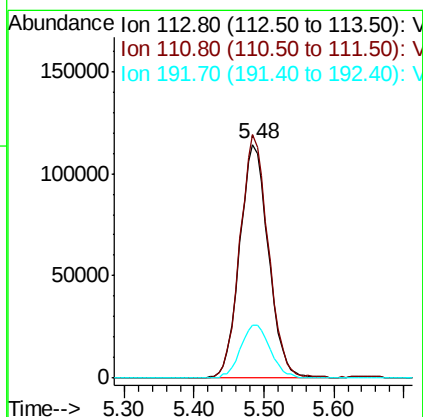
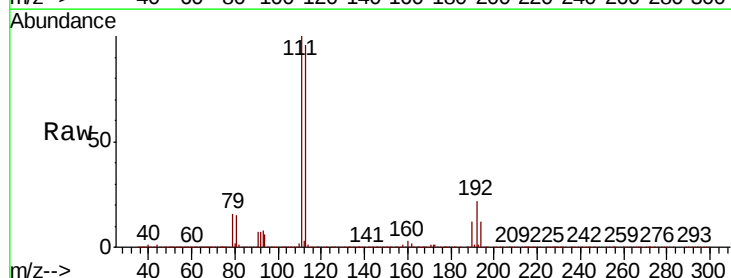
Instrument :
MSVOA_X
ClientSampleId :
SU-01-112719

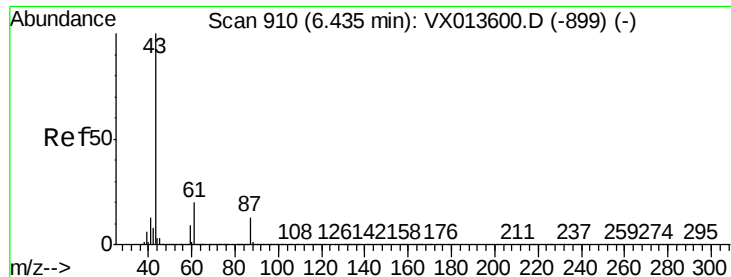
Tot Ion:114 Resp: 1093549
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.6
88 15.8 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.290 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013719.D
Acq: 03 Dec 2019 13:00

Tgt Ion:113 Resp: 326461
Ion Ratio Lower Upper
113 100
111 102.6 83.6 125.4
192 23.6 19.2 28.8





#43

Isopropyl Acetate

Concen: 8.550 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013719.D

Acq: 03 Dec 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

SU-01-112719

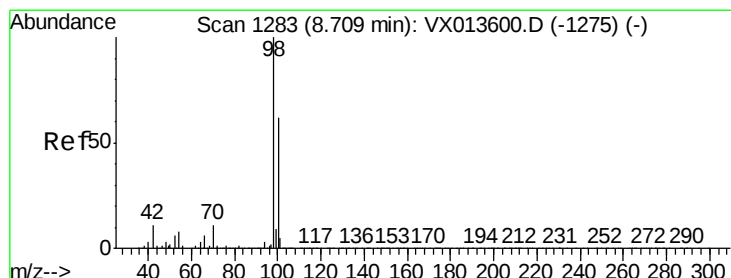
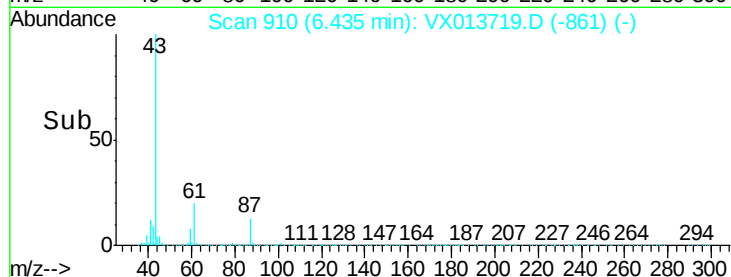
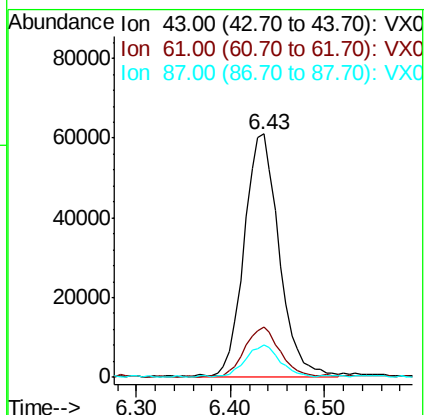
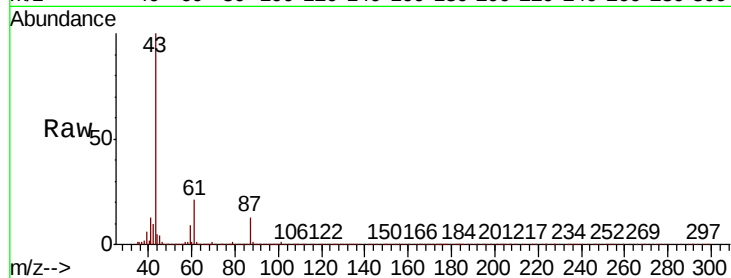
Tot Ion: 43 Resp: 156756

Ion Ratio Lower Upper

43 100

61 20.7 16.3 24.5

87 12.4 10.8 16.2



#50

Toluene-d8

Concen: 49.365 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013719.D

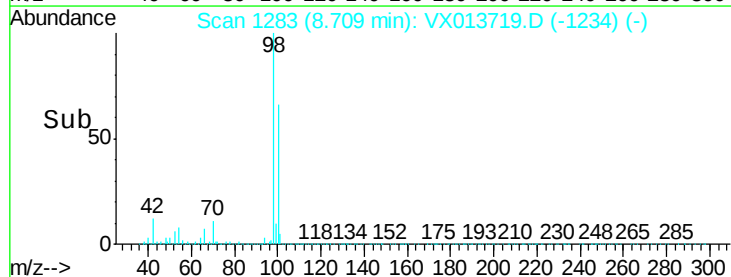
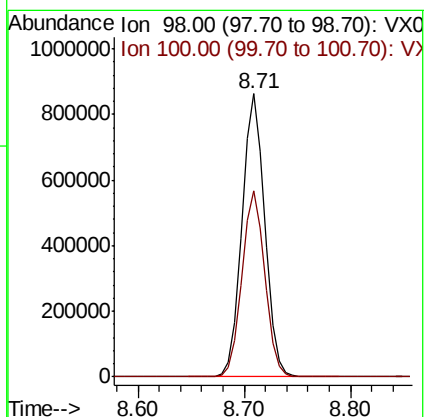
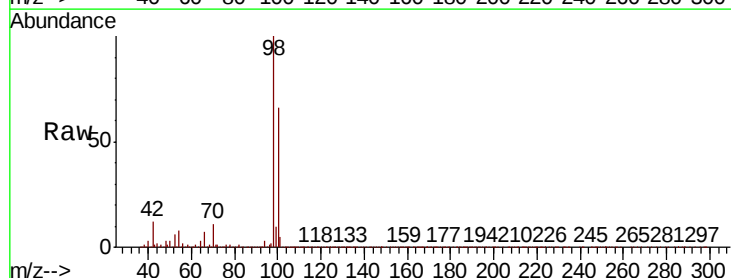
Acq: 03 Dec 2019 13:00

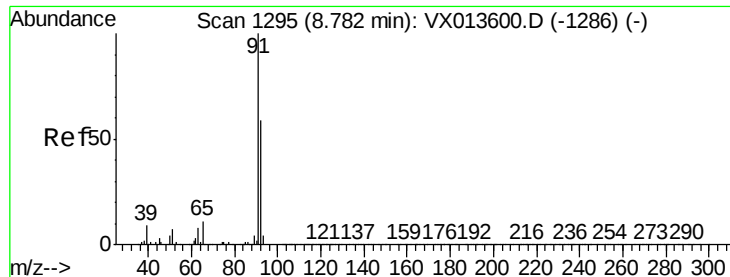
Tgt Ion: 98 Resp: 1300240

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7





#52

Toluene

Concen: 1.345 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013719.D

Acq: 03 Dec 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

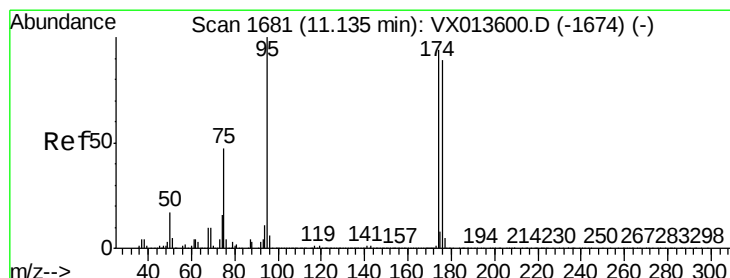
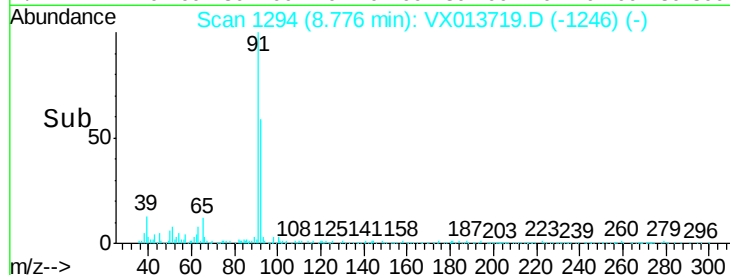
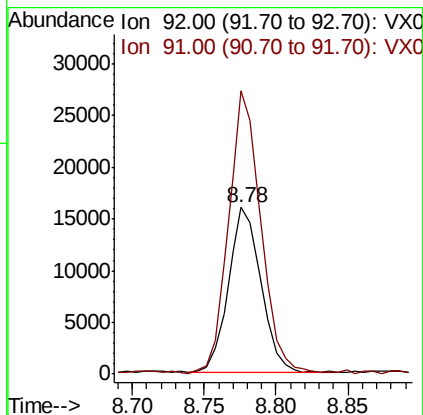
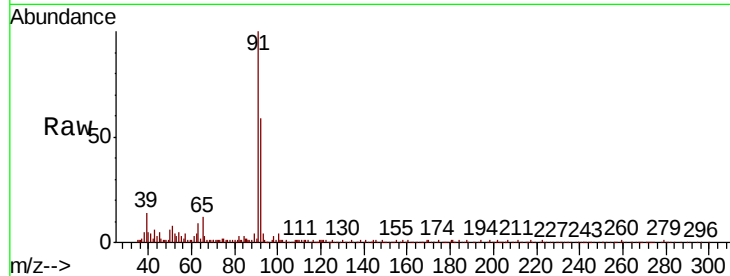
SU-01-112719

Tot Ion: 92 Resp: 25271

Ion Ratio Lower Upper

92 100

91 169.0 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 47.855 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013719.D

Acq: 03 Dec 2019 13:00

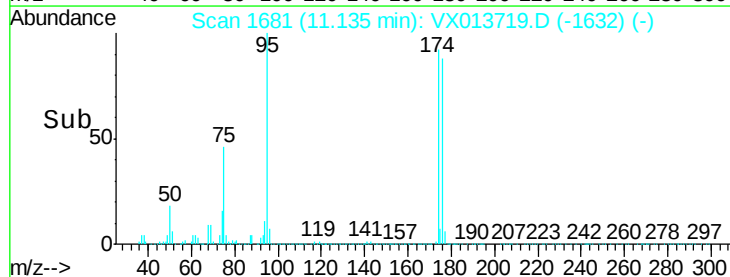
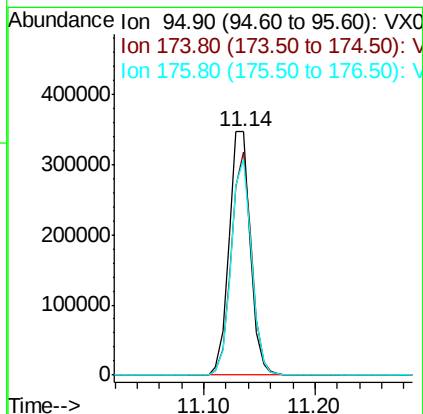
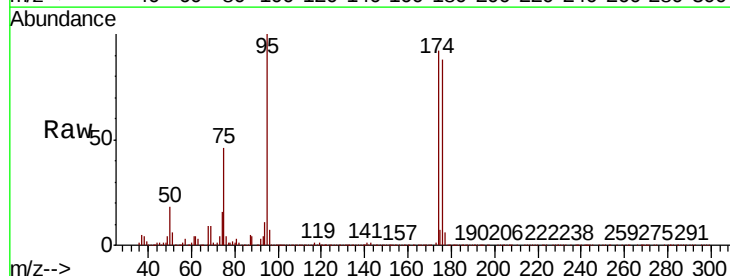
Tgt Ion: 95 Resp: 454528

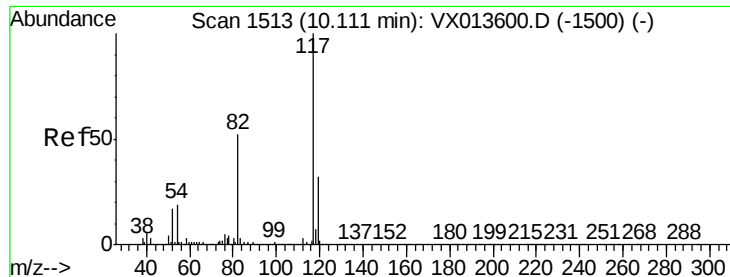
Ion Ratio Lower Upper

95 100

174 87.7 0.0 180.0

176 85.4 0.0 173.6

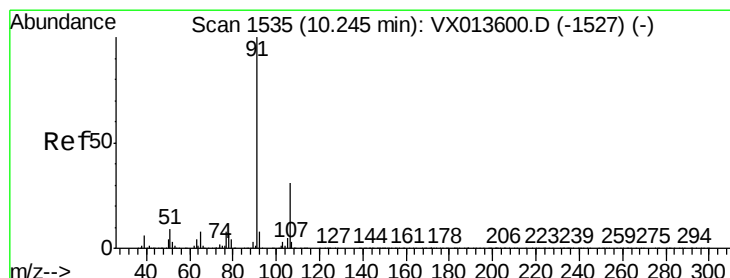
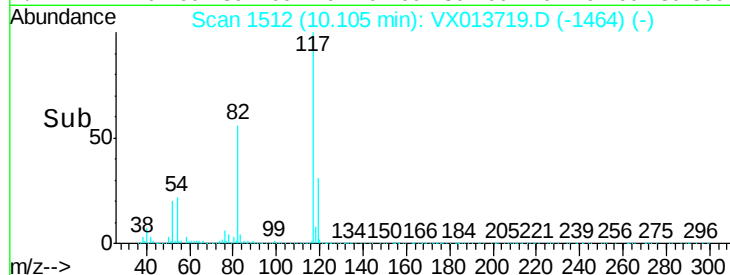
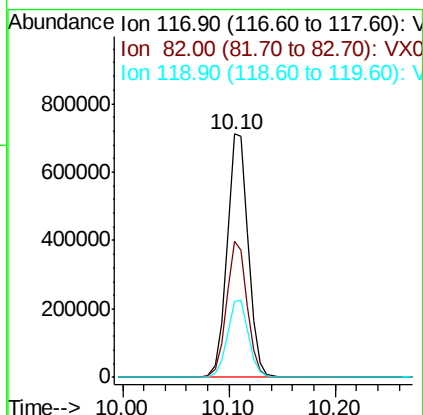
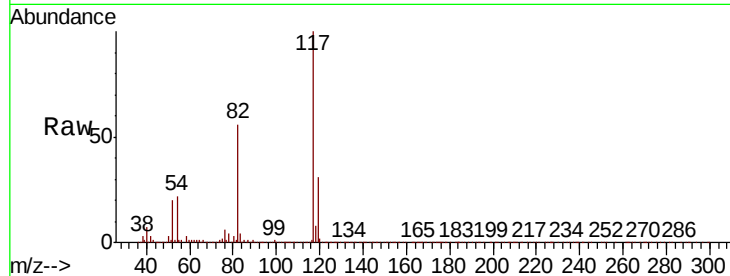




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013719.D
Acq: 03 Dec 2019 13:00

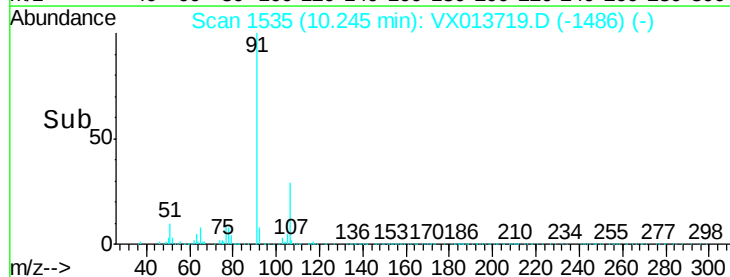
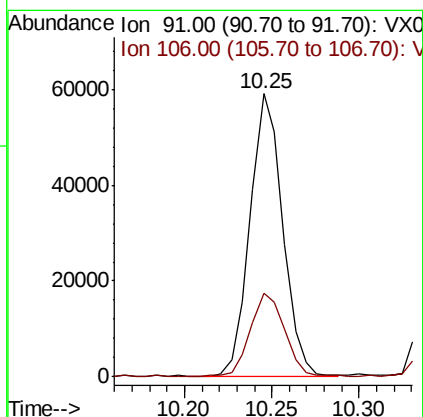
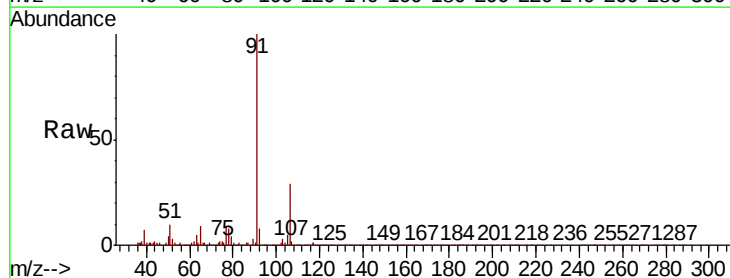
Instrument :
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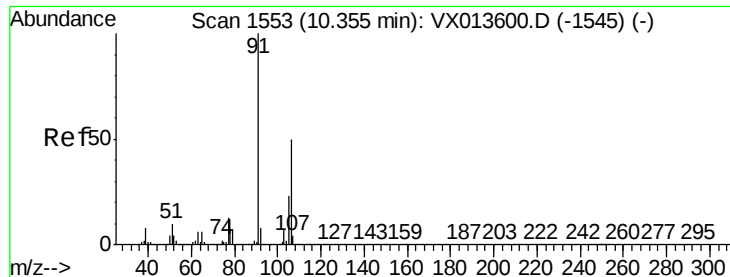
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	41.8	62.8
119	31.3	25.8	38.8



#67
Ethyl Benzene
Concen: 2.170 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013719.D
Acq: 03 Dec 2019 13:00

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.2	24.5	36.7





#68

m/p-Xylenes

Concen: 7.838 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013719.D

Acq: 03 Dec 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

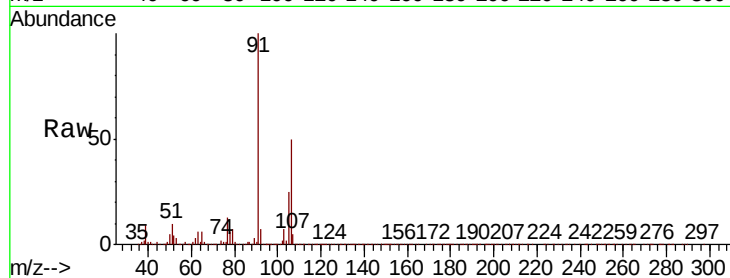
SU-01-112719

Tot Ion:106 Resp: 105659

Ion Ratio Lower Upper

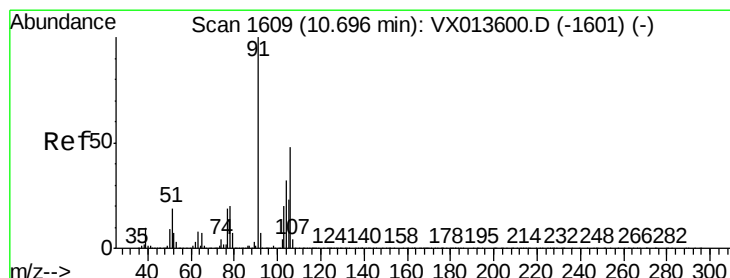
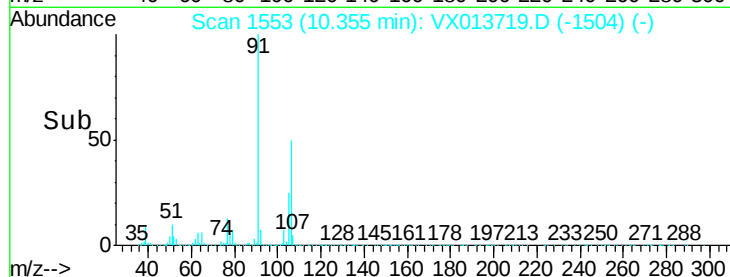
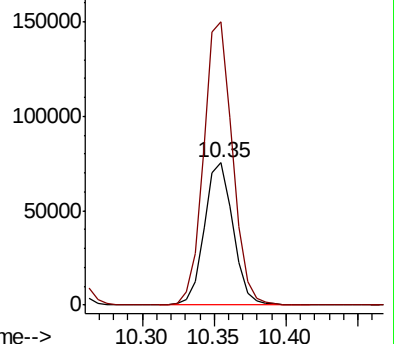
106 100

91 198.0 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 3.543 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX013719.D

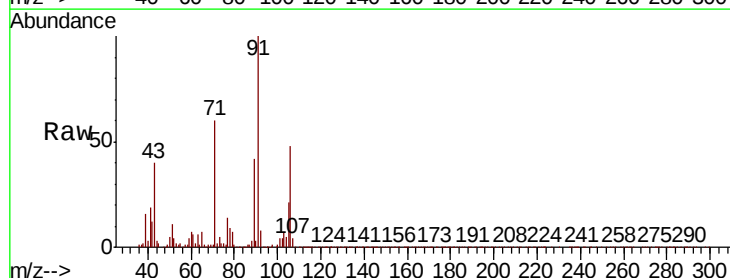
Acq: 03 Dec 2019 13:00

Tgt Ion:106 Resp: 46584

Ion Ratio Lower Upper

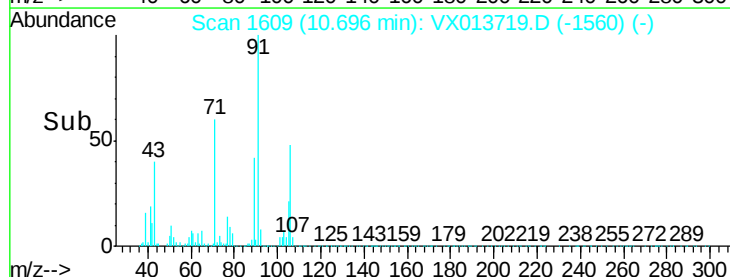
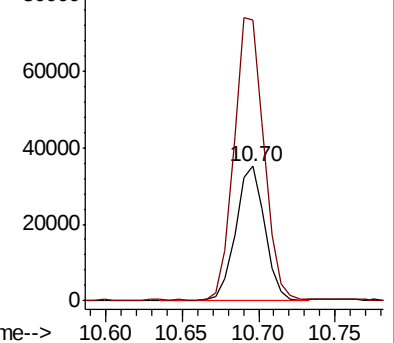
106 100

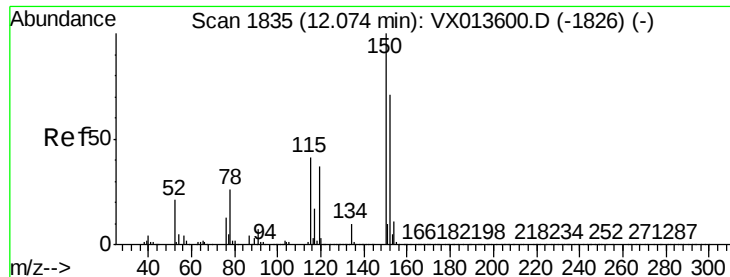
91 216.1 104.1 312.2



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: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013719.D

Acq: 03 Dec 2019 13:00

Instrument :

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ClientSampleId :

SU-01-112719

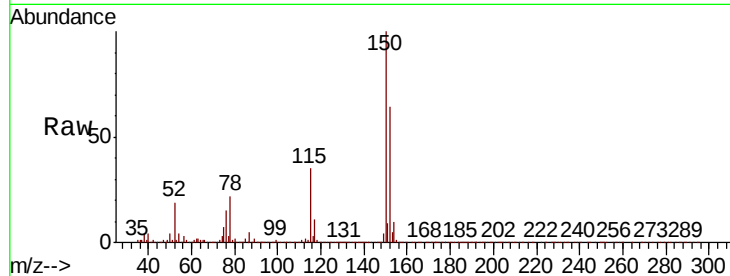
Tot Ion:152 Resp: 470075

Ion Ratio Lower Upper

152 100

115 54.9 38.4 115.1

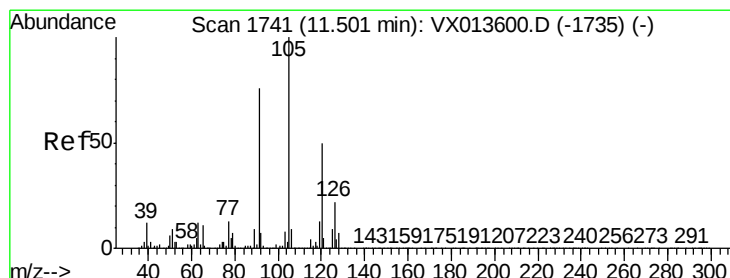
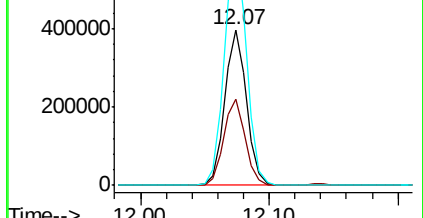
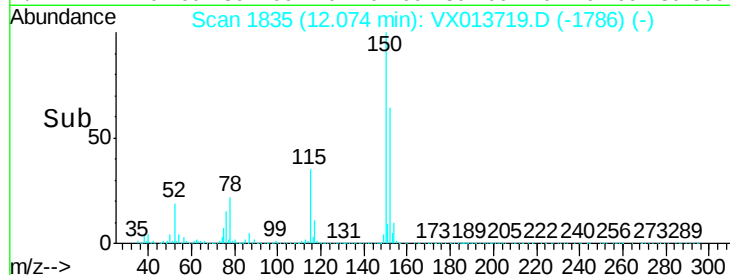
150 155.5 0.0 346.8



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: 2.323 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013719.D

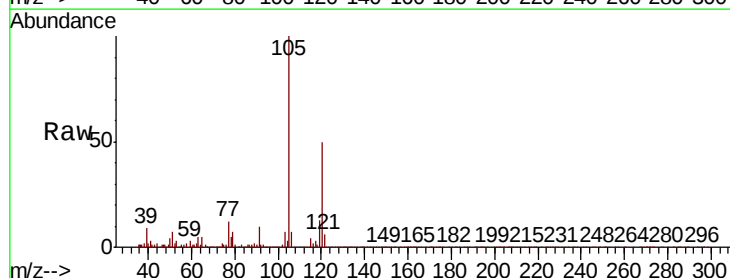
Acq: 03 Dec 2019 13:00

Tgt Ion:105 Resp: 62767

Ion Ratio Lower Upper

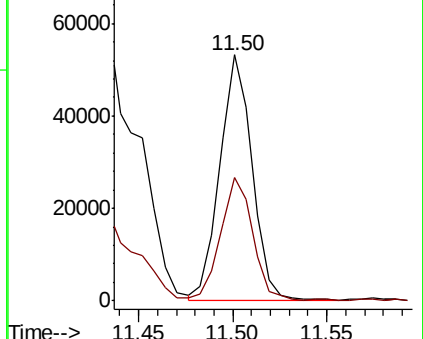
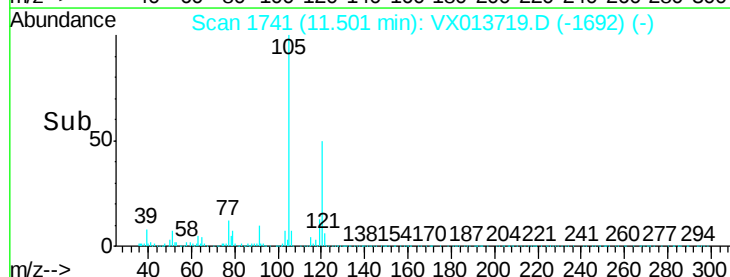
105 100

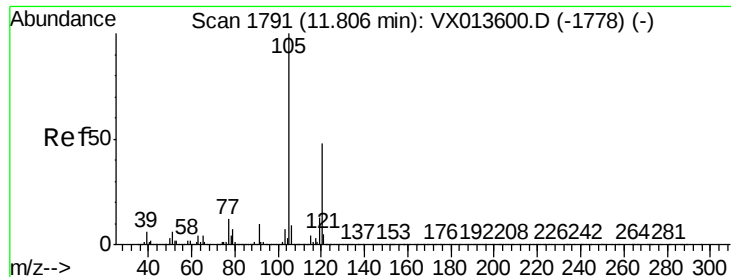
120 49.7 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

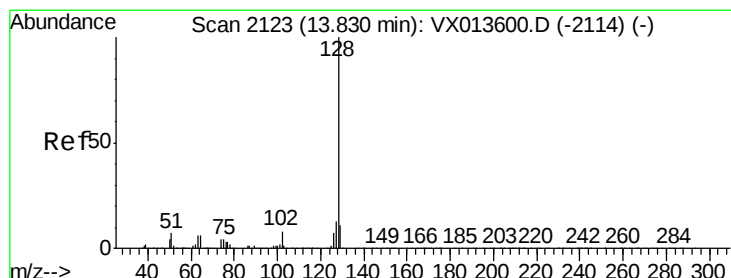
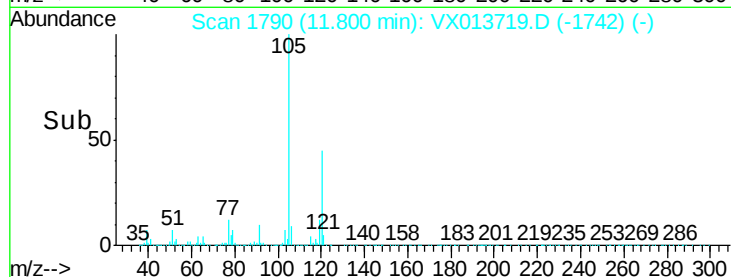
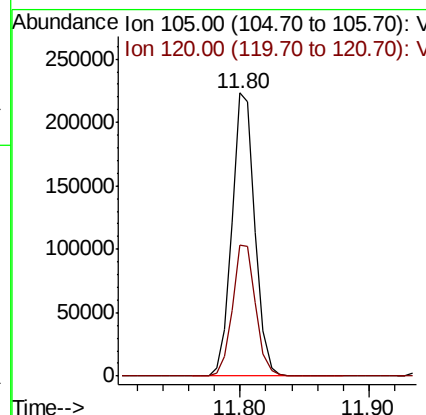
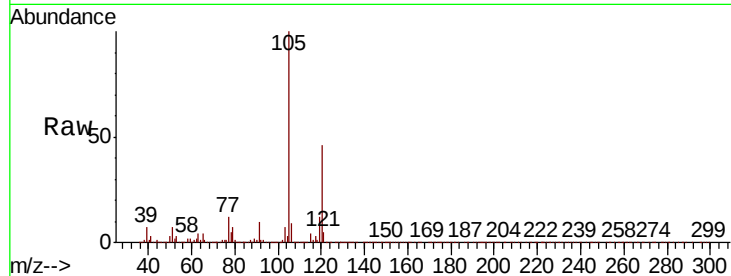




#84
 1,2,4-Trimethylbenzene
 Concen: 10.185 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013719.D
 Acq: 03 Dec 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-01-112719

Tot Ion:105 Resp: 279342
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.1 69.3



#95
 Naphthalene
 Concen: 20.807 ug/l
 RT: 13.83 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: VX013719.D
 Acq: 03 Dec 2019 13:00

Tgt Ion:128 Resp: 662566
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.3 15.5
 129 10.8 8.7 13.1

