

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120418\
 Data File : VX006271.D
 Acq On : 04 Dec 2018 12:02
 Operator : JC/MD
 Sample : J5771-07
 Misc : 6.91g/5mL100ul/5.00ml/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EO-02-112918-A

Quant Time: Dec 04 12:56:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	728771	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	1080734	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	981948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	532446	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	349847	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	
35) Dibromofluoromethane	5.50	113	339545	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	
50) Toluene-d8	8.71	98	1263311	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.14	95	490047	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	

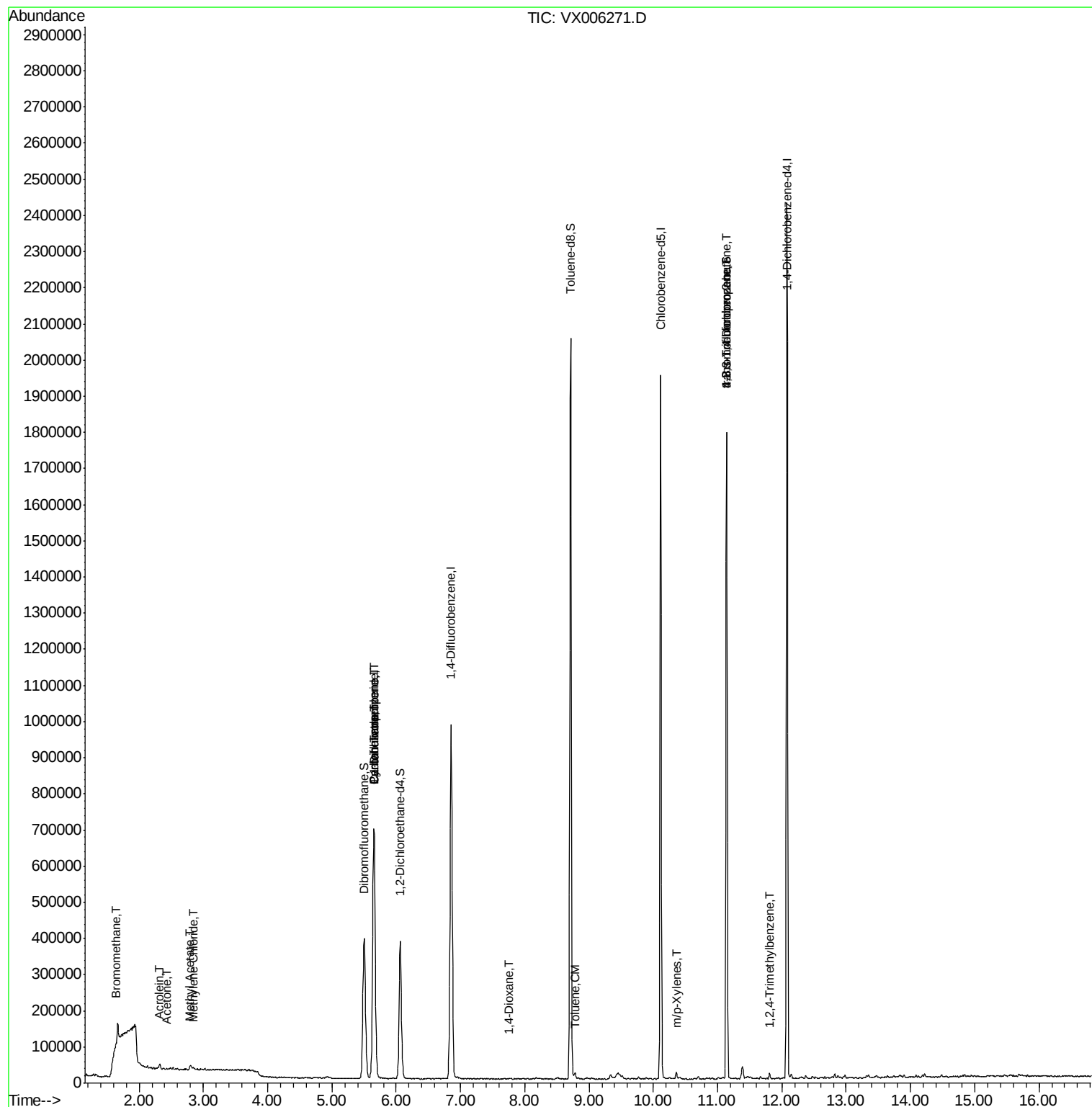
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1255	0.229	ug/l #	66
13) Acrolein	2.31	56	279	0.251	ug/l #	49
16) Acetone	2.42	43	898	0.257	ug/l #	53
18) Methyl Acetate	2.79	43	15364	1.316	ug/l	100
20) Methylene Chloride	2.84	84	3654	0.492	ug/l #	83
31) Cyclohexane	5.66	56	10926	1.017	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	46130	5.069	ug/l #	49
38) Carbon Tetrachloride	5.65	117	63083	5.892	ug/l #	15
49) 1,4-Dioxane	7.76	88	103	0.506	ug/l #	7
52) Toluene	8.79	92	5542	0.309	ug/l	97
68) m/p-Xylenes	10.36	106	4442	0.320	ug/l	87
76) 1,2,3-Trichloropropane	11.14	75	223603	21.757	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	223603	51.059	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.80	105	8033	0.254	ug/l	98

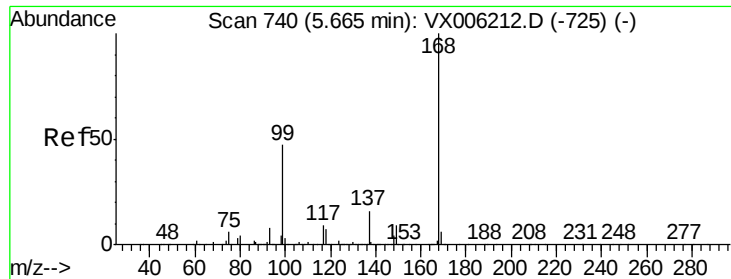
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120418\
Data File : VX006271.D
Acq On : 04 Dec 2018 12:02
Operator : JC/MD
Sample : J5771-07
Misc : 6.91g/5mL100ul/5.00ml/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EO-02-112918-A

Quant Time: Dec 04 12:56:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX006271.D

Acq: 04 Dec 2018 12:02

Instrument :

MSVOA_X

ClientSampleId :

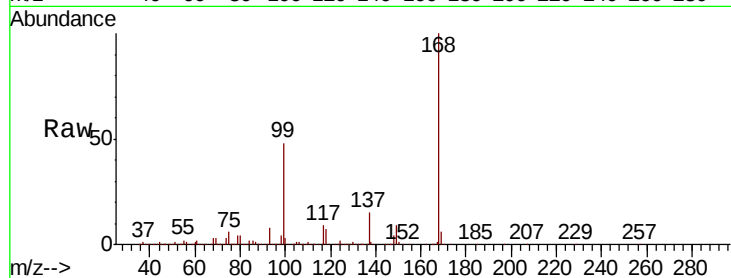
EO-02-112918-A

Tot Ion:168 Resp: 728771

Ion Ratio Lower Upper

168 100

99 48.4 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

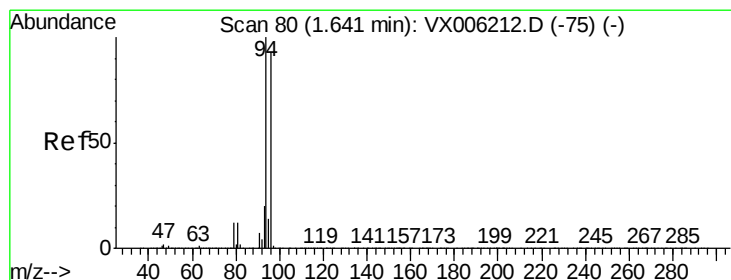
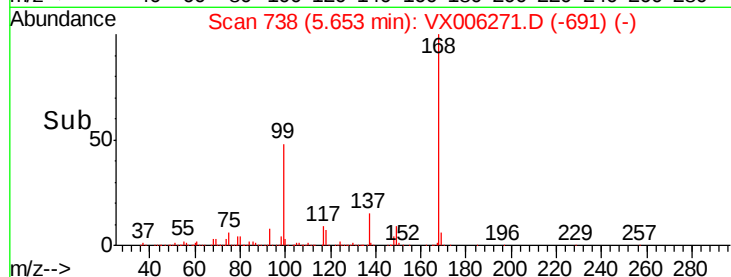
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.229 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006271.D

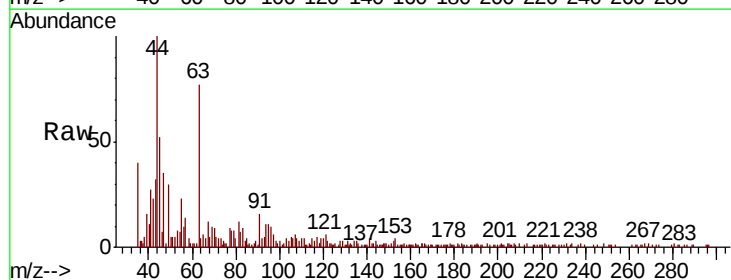
Acq: 04 Dec 2018 12:02

Tgt Ion: 94 Resp: 1255

Ion Ratio Lower Upper

94 100

96 60.8 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

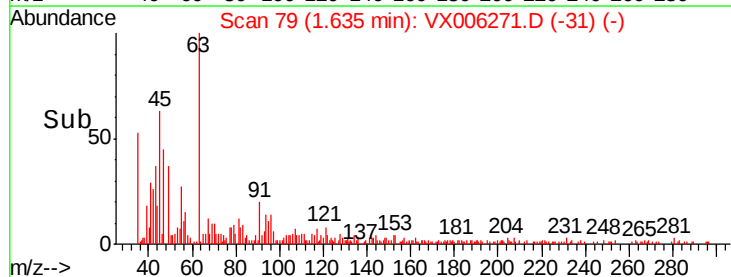
1.64

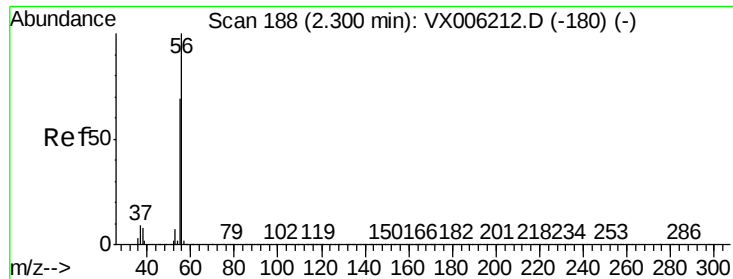
1000

500

0

Time-->





#13

Acrolein

Concen: 0.251 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.01 min

Lab File: VX006271.D

Acq: 04 Dec 2018 12:02

Instrument :

MSVOA_X

ClientSampleId :

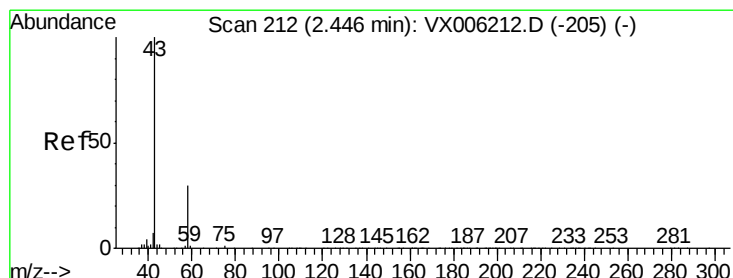
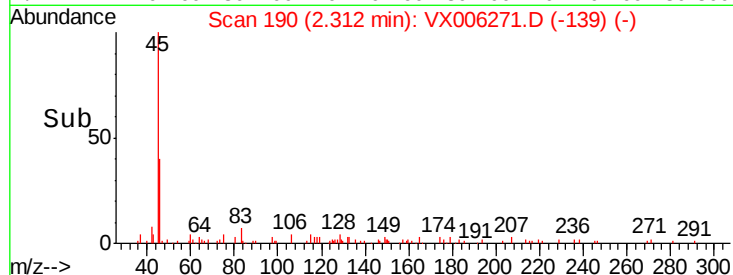
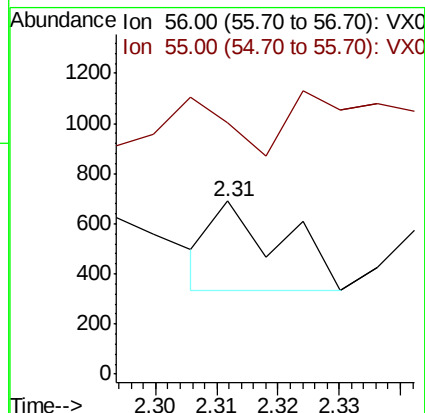
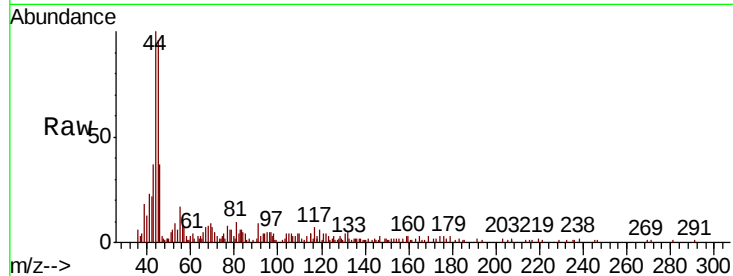
EO-02-112918-A

Tot Ion: 56 Resp: 279

Ion Ratio Lower Upper

56 100

55 115.1 57.8 86.6#



#16

Acetone

Concen: 0.257 ug/l

RT: 2.42 min Scan# 208

Delta R.T. -0.02 min

Lab File: VX006271.D

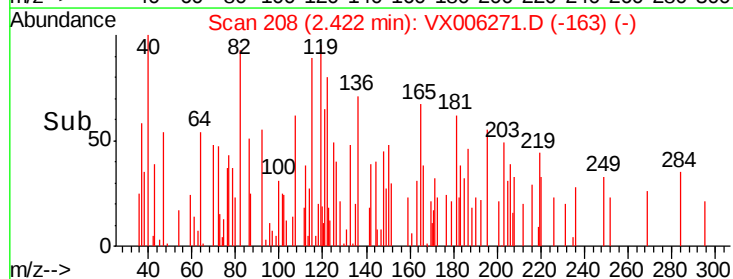
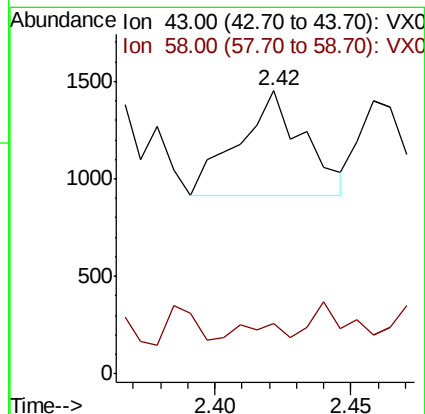
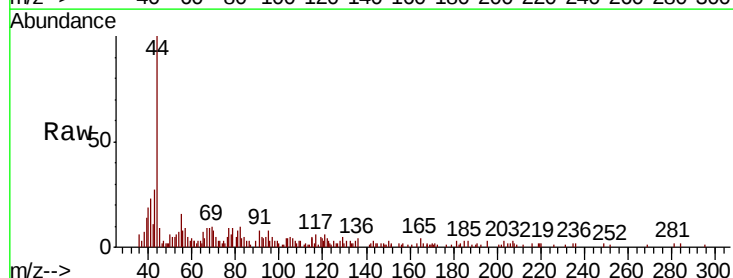
Acq: 04 Dec 2018 12:02

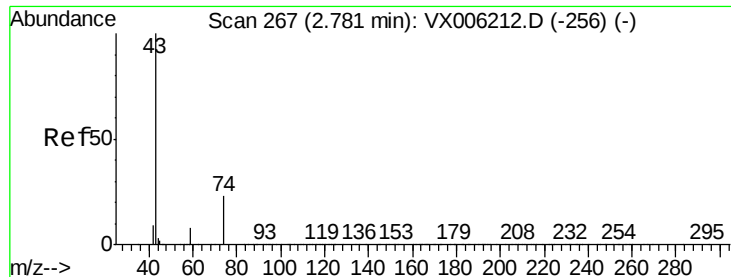
Tgt Ion: 43 Resp: 898

Ion Ratio Lower Upper

43 100

58 4.6 24.0 36.0#

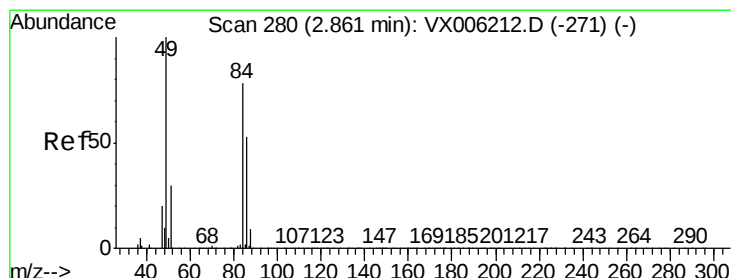
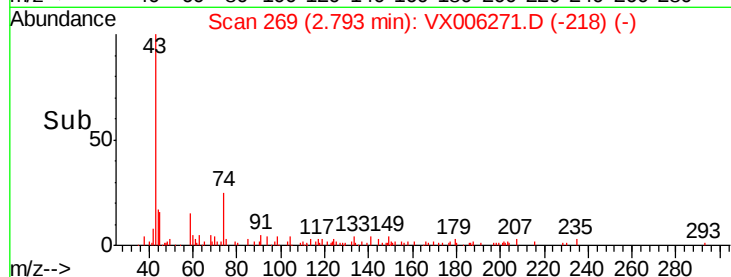
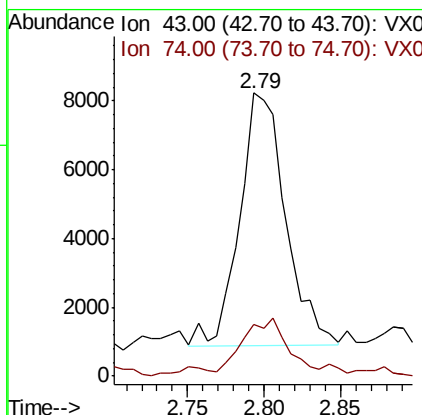
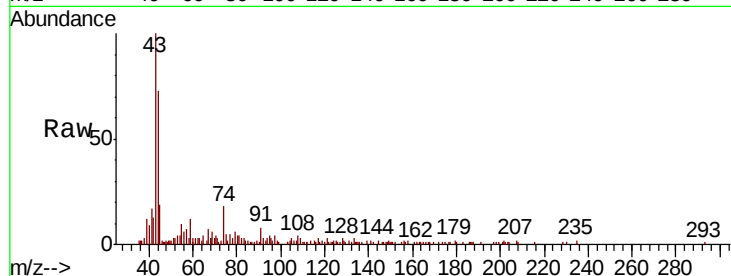




#18
Methyl Acetate
Concen: 1.316 ug/l
RT: 2.79 min Scan# 269
Delta R.T. 0.01 min
Lab File: VX006271.D
Acq: 04 Dec 2018 12:02

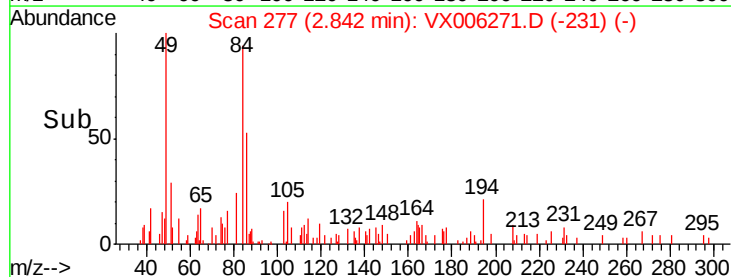
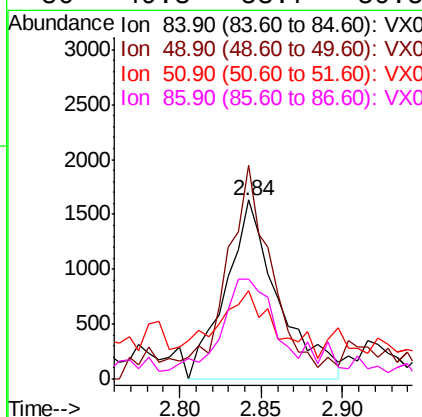
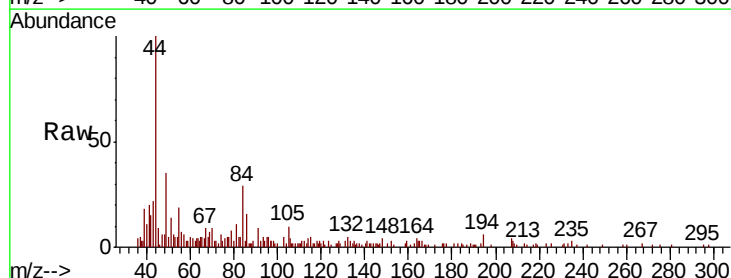
Instrument :
MSVOA_X
ClientSampleId :
EO-02-112918-A

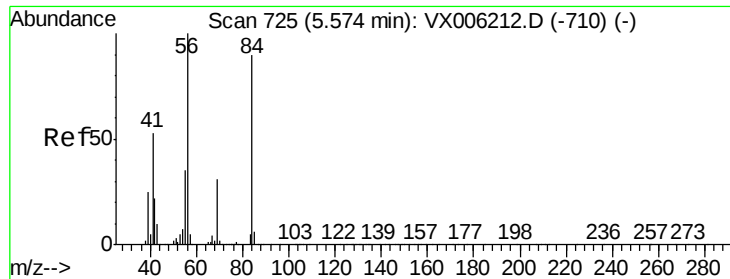
Tot Ion: 43 Resp: 15364
Ion Ratio Lower Upper
43 100
74 22.2 17.9 26.9



#20
Methylene Chloride
Concen: 0.492 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX006271.D
Acq: 04 Dec 2018 12:02

Tgt Ion: 84 Resp: 3654
Ion Ratio Lower Upper
84 100
49 112.2 102.2 153.4
51 27.8 31.1 46.7#
86 49.3 53.7 80.5#

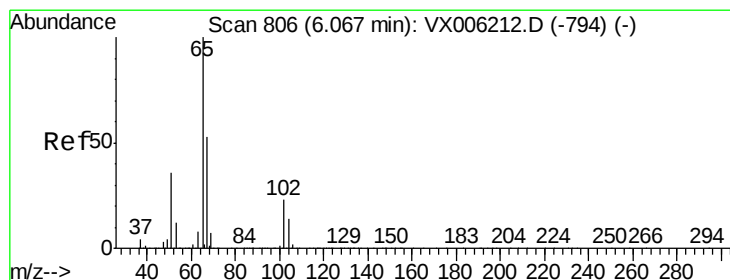
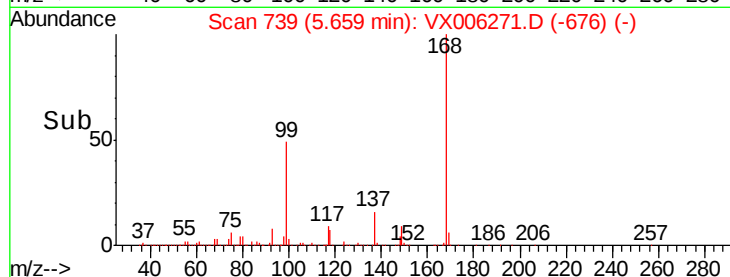
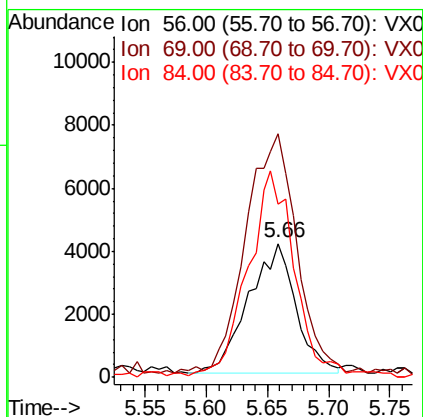
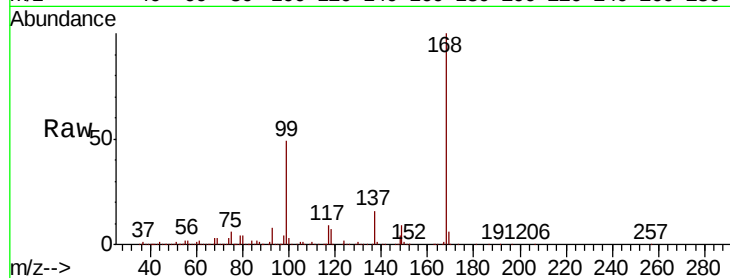




#31
Cyclohexane
Concen: 1.017 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX006271.D
Acq: 04 Dec 2018 12:02

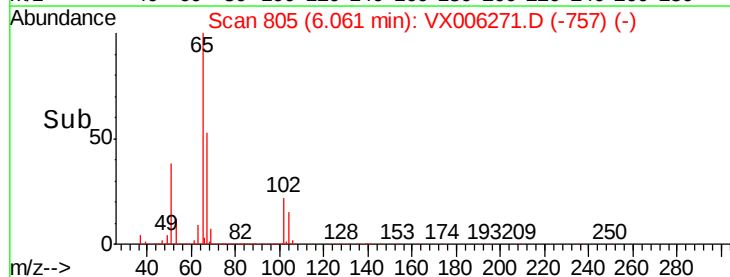
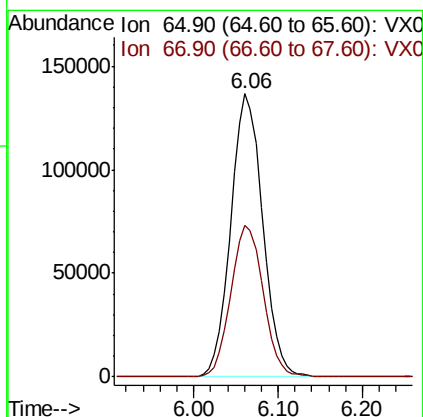
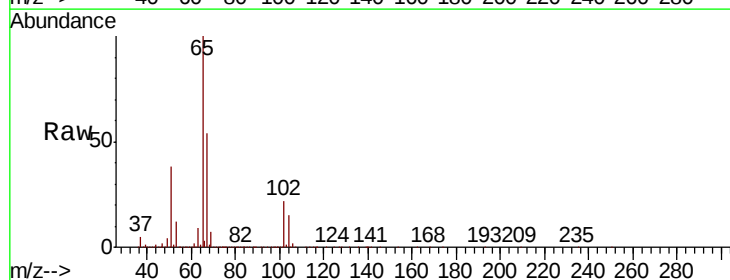
Instrument :
MSVOA_X
ClientSampleId :
EO-02-112918-A

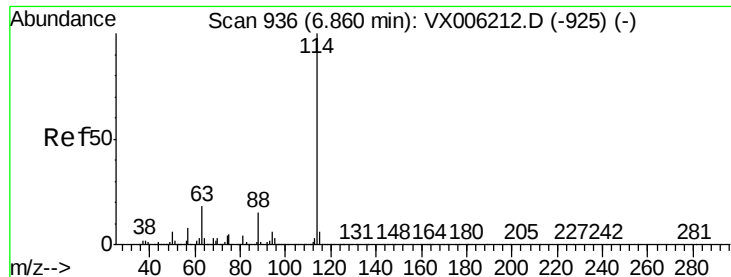
Tot Ion: 56 Resp: 10926
Ion Ratio Lower Upper
56 100
69 184.3 24.5 36.7#
84 133.0 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 47.025 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX006271.D
Acq: 04 Dec 2018 12:02

Tgt Ion: 65 Resp: 349847
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX006271.D

Acq: 04 Dec 2018 12:02

Instrument :

MSVOA_X

ClientSampleId :

EO-02-112918-A

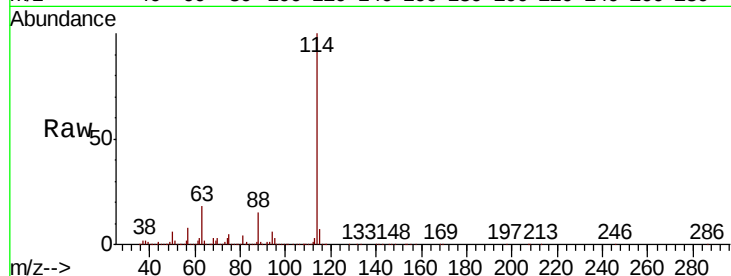
Tot Ion:114 Resp: 1080734

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.6

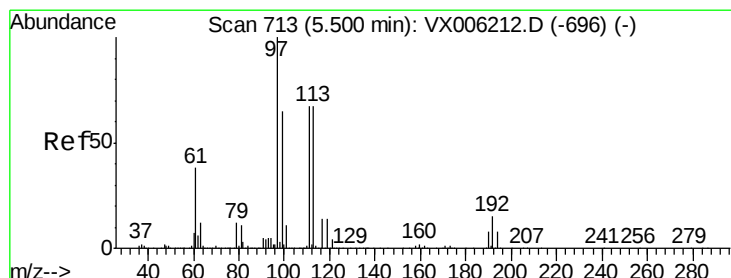
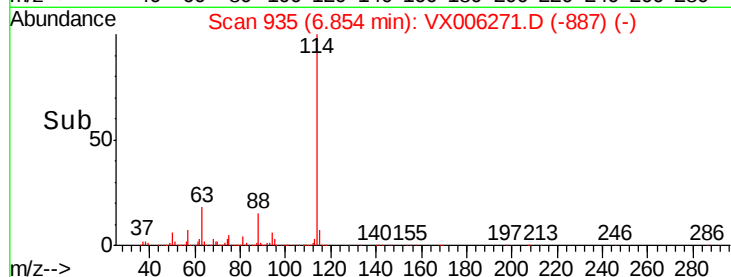
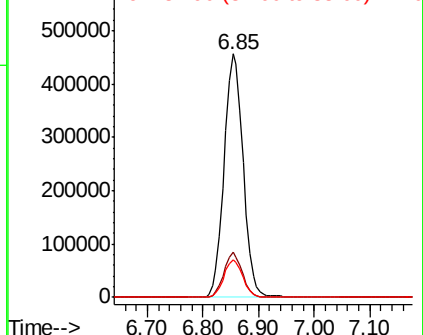
88 15.4 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.525 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006271.D

Acq: 04 Dec 2018 12:02

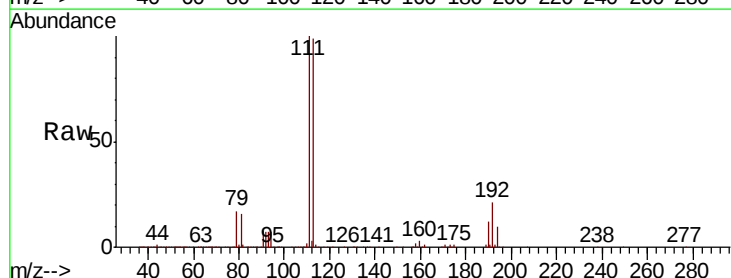
Tgt Ion:113 Resp: 339545

Ion Ratio Lower Upper

113 100

111 101.4 81.1 121.7

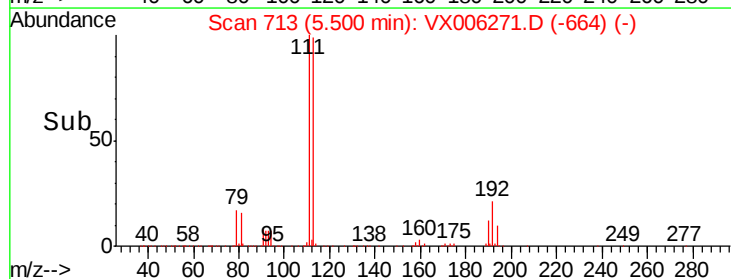
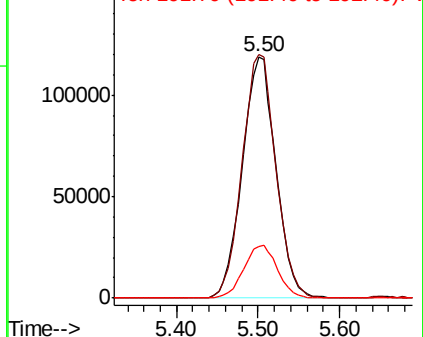
192 22.0 18.2 27.2

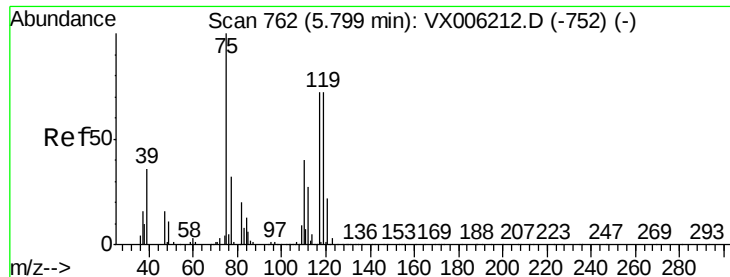


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.069 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX006271.D

Acq: 04 Dec 2018 12:02

Instrument :

MSVOA_X

ClientSampleId :

EO-02-112918-A

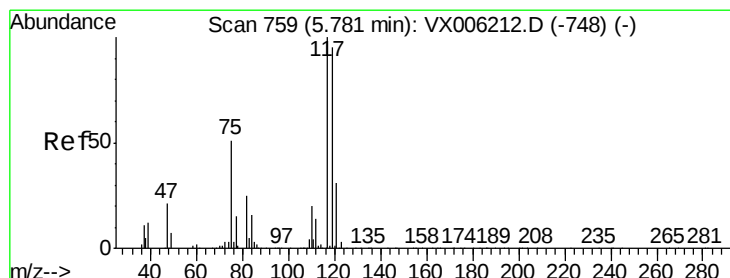
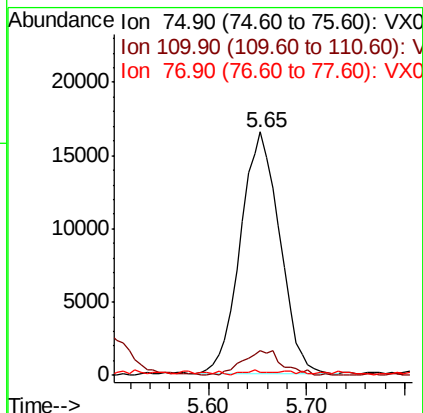
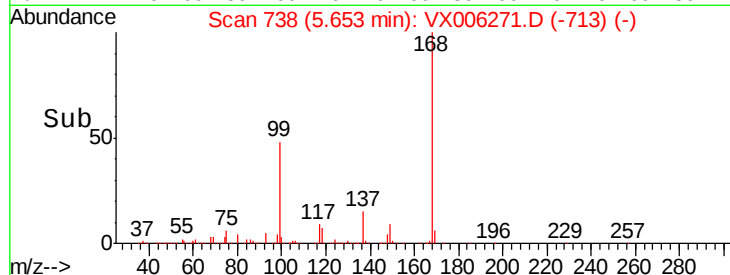
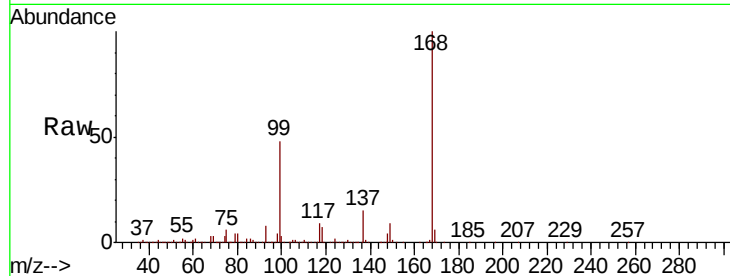
Tot Ion: 75 Resp: 46130

Ion Ratio Lower Upper

75 100

110 10.3 20.4 61.3#

77 1.3 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.892 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX006271.D

Acq: 04 Dec 2018 12:02

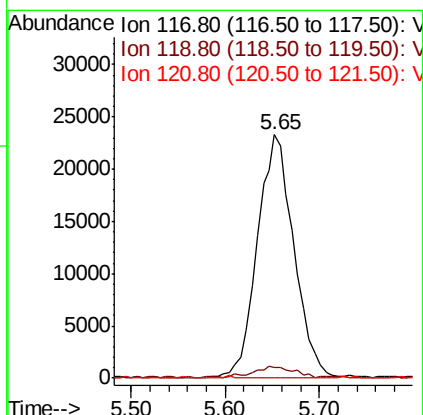
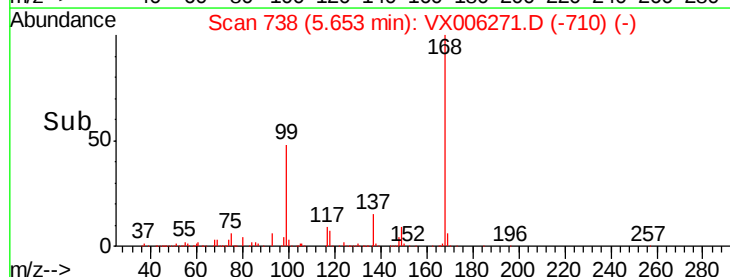
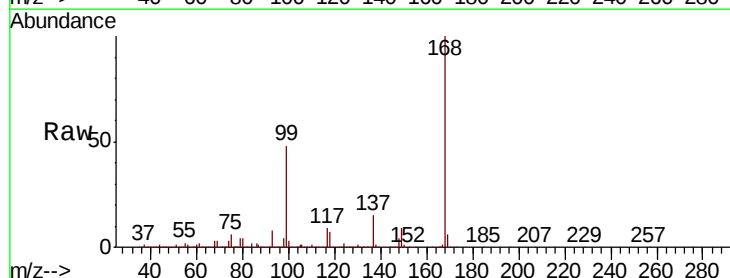
Tgt Ion: 117 Resp: 63083

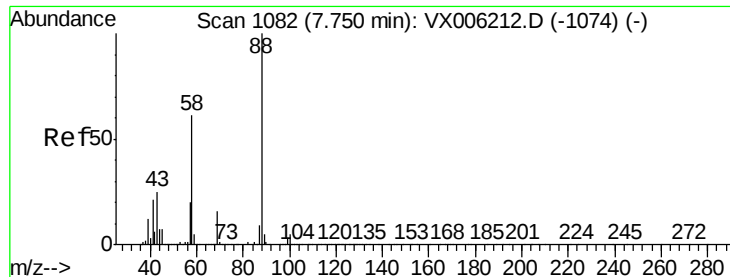
Ion Ratio Lower Upper

117 100

119 3.7 75.8 113.8#

121 0.0 24.6 37.0#





#49

1,4-Dioxane

Concen: 0.506 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006271.D

Acq: 04 Dec 2018 12:02

Instrument :

MSVOA_X

ClientSampleId :

EO-02-112918-A

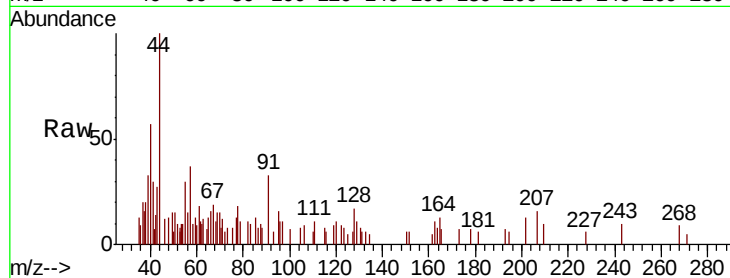
Tot Ion: 88 Resp: 103

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

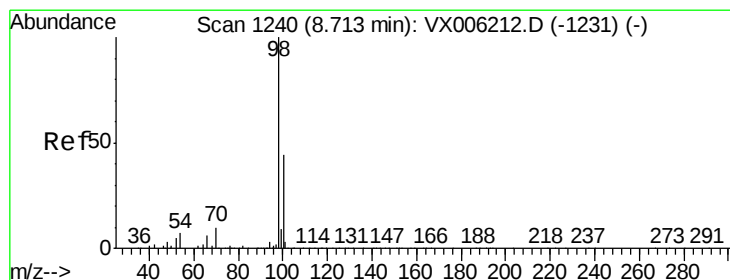
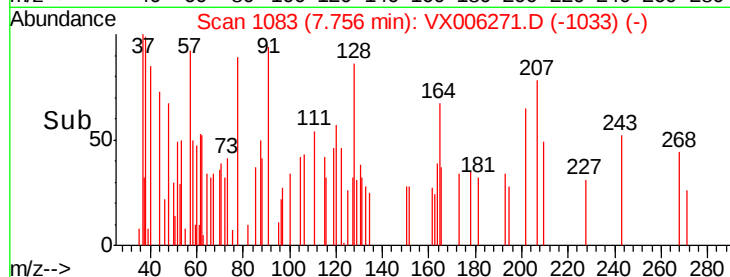
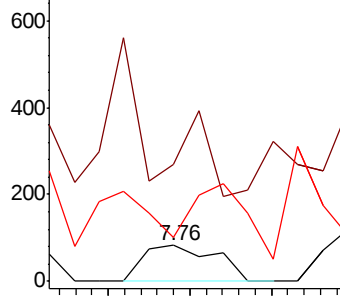
58 150.5 51.4 77.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.635 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006271.D

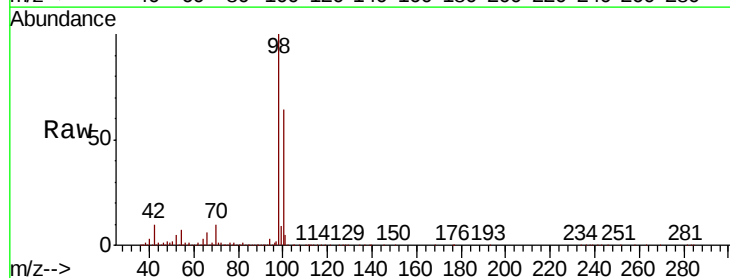
Acq: 04 Dec 2018 12:02

Tgt Ion: 98 Resp: 1263311

Ion Ratio Lower Upper

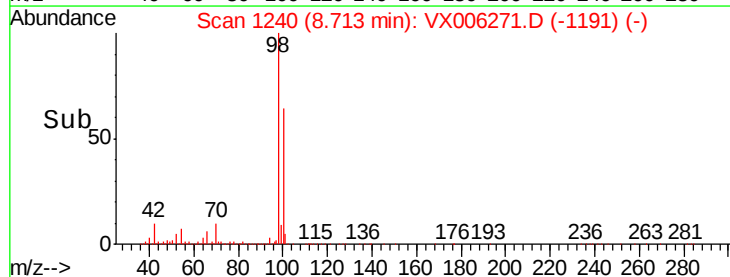
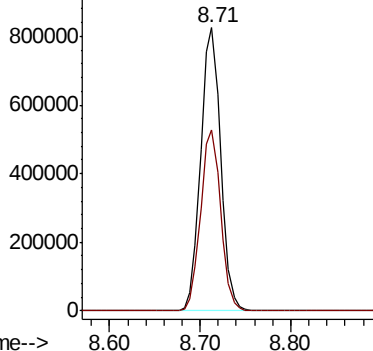
98 100

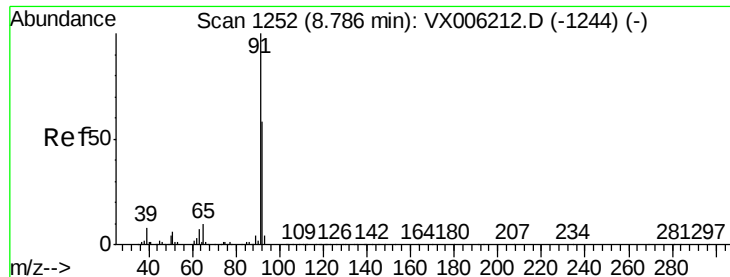
100 64.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.309 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006271.D

Acq: 04 Dec 2018 12:02

Instrument :

MSVOA_X

ClientSampleId :

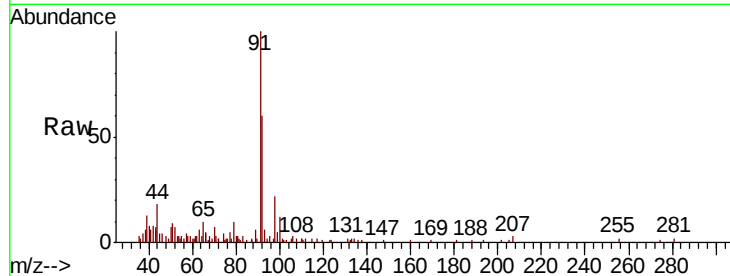
EO-02-112918-A

Tot Ion: 92 Resp: 5542

Ion Ratio Lower Upper

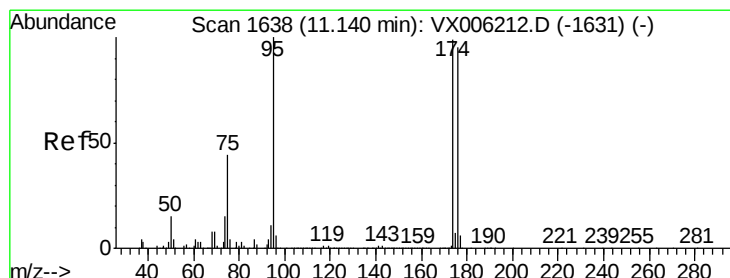
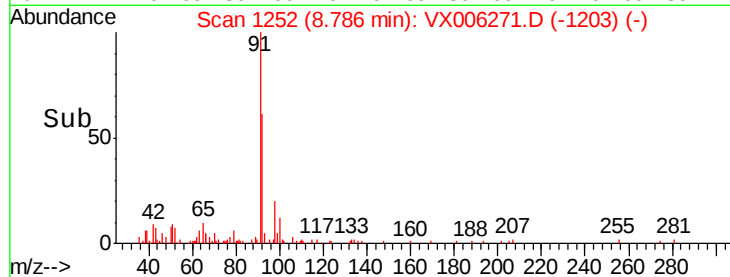
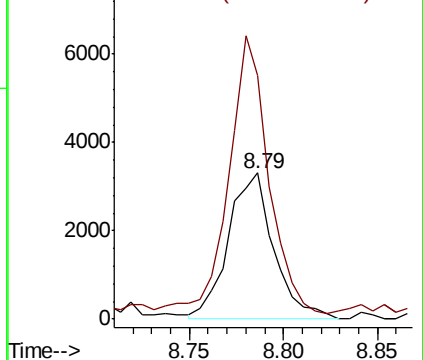
92 100

91 169.8 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 51.094 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006271.D

Acq: 04 Dec 2018 12:02

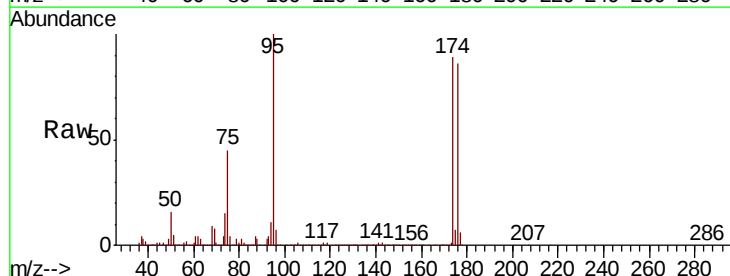
Tgt Ion: 95 Resp: 490047

Ion Ratio Lower Upper

95 100

174 89.7 0.0 187.0

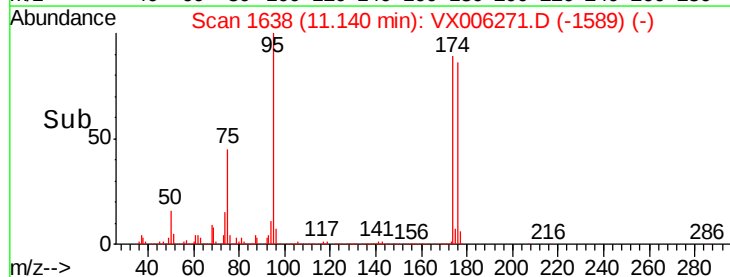
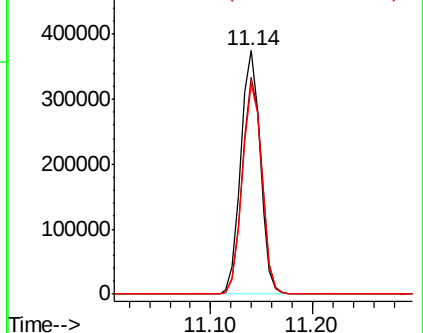
176 87.5 0.0 181.8

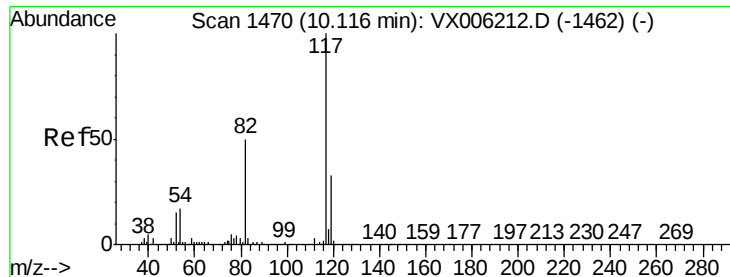


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

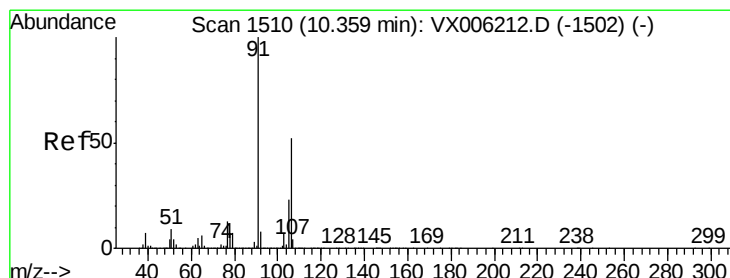
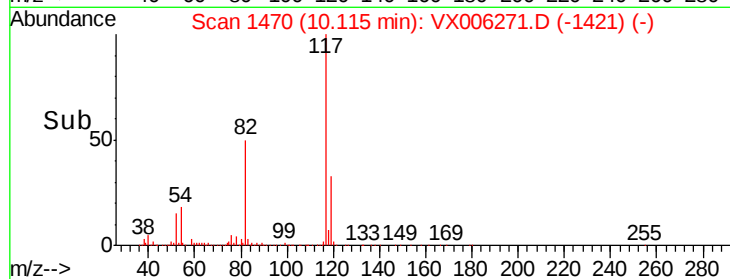
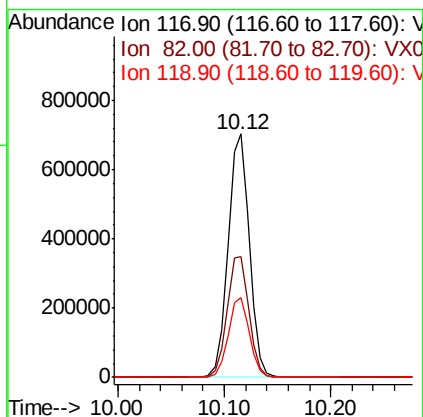
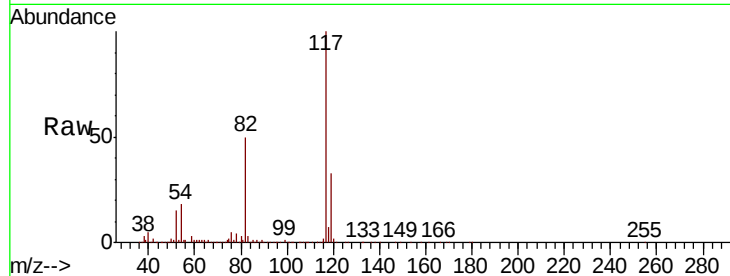




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006271.D
Acq: 04 Dec 2018 12:02

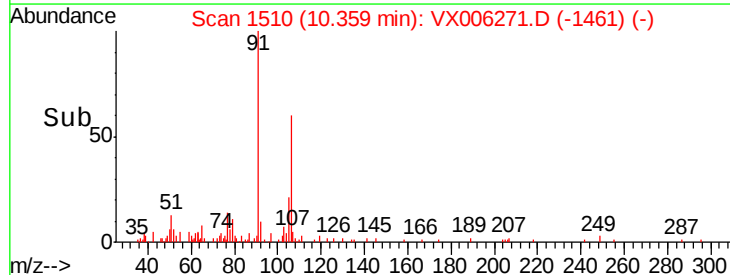
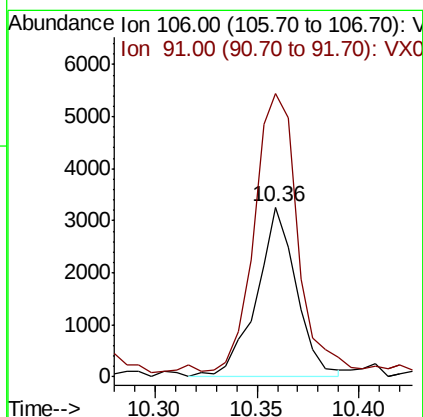
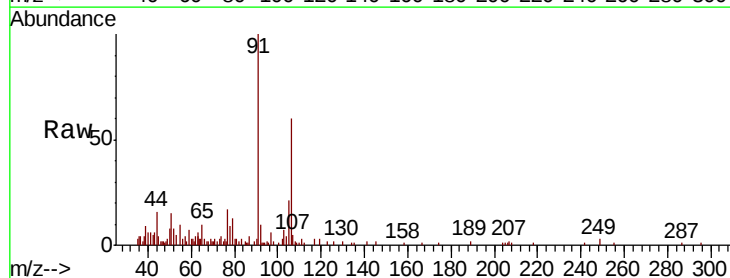
Instrument :
MSVOA_X
ClientSampleId :
EO-02-112918-A

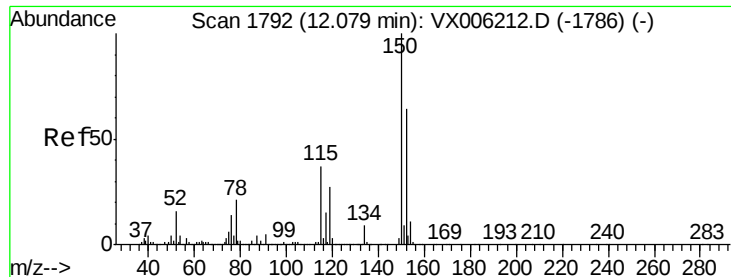
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.6	39.6	59.4
119	33.0	26.3	39.5



#68
m/p-Xylenes
Concen: 0.320 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006271.D
Acq: 04 Dec 2018 12:02

Tgt Ion	Ratio	Lower	Upper
106	100		
91	174.3	155.2	232.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006271.D

Acq: 04 Dec 2018 12:02

Instrument :

MSVOA_X

ClientSampleId :

EO-02-112918-A

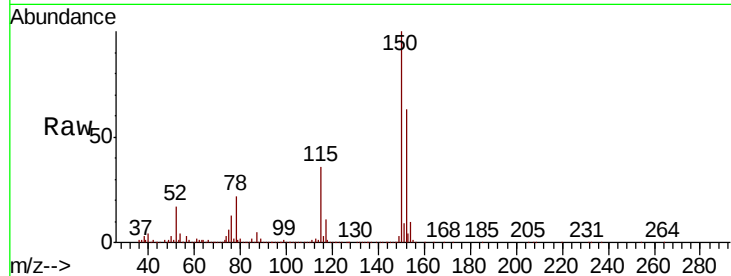
Tot Ion:152 Resp: 532446

Ion Ratio Lower Upper

152 100

115 56.2 39.0 116.9

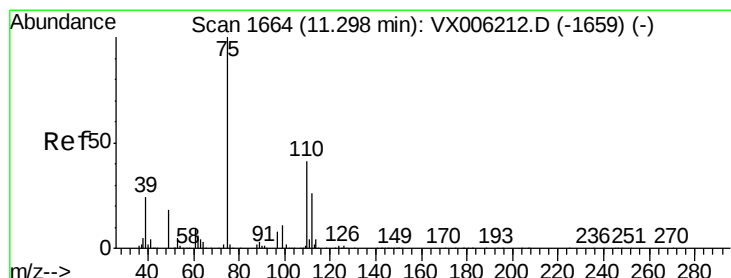
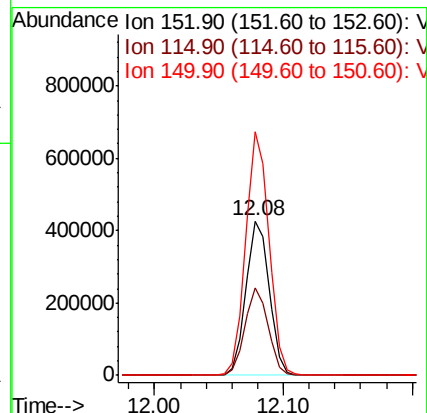
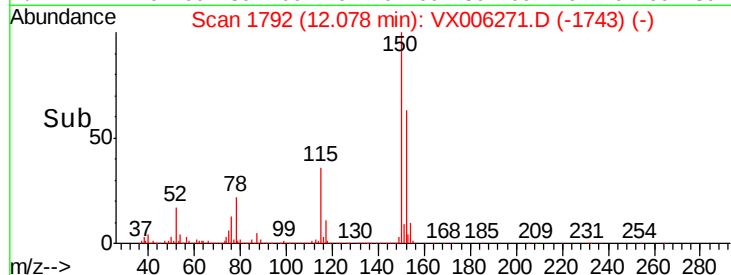
150 156.9 0.0 345.8



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



#76

1,2,3-Trichloropropane

Concen: 21.757 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX006271.D

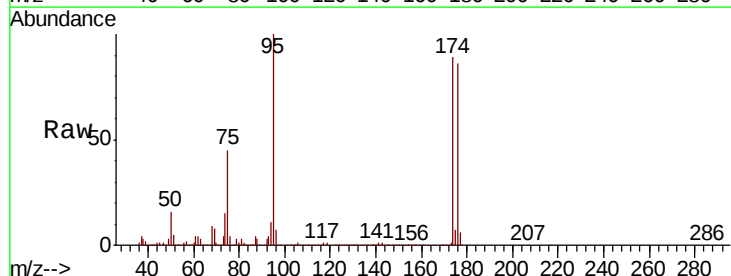
Acq: 04 Dec 2018 12:02

Tgt Ion: 75 Resp: 223603

Ion Ratio Lower Upper

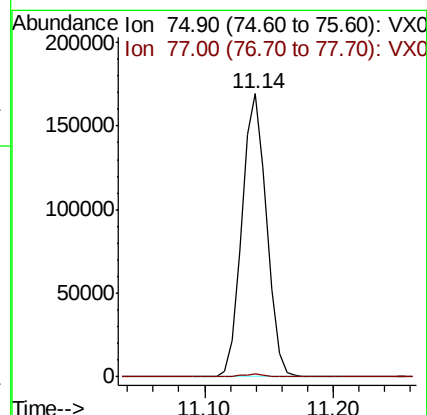
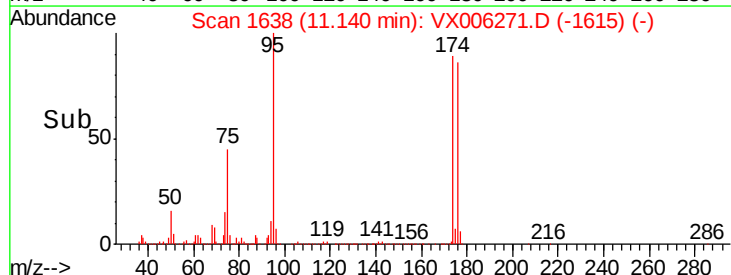
75 100

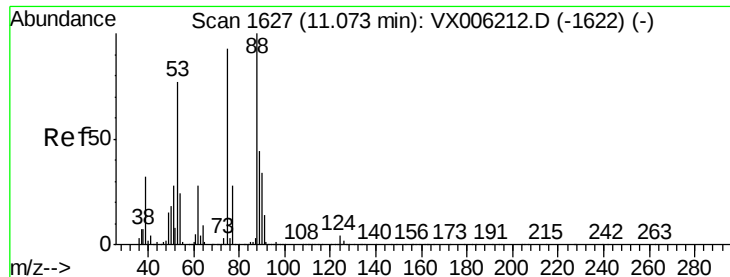
77 1.1 19.9 59.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.059 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX006271.D

Acq: 04 Dec 2018 12:02

Instrument :

MSVOA_X

ClientSampleId :

EO-02-112918-A

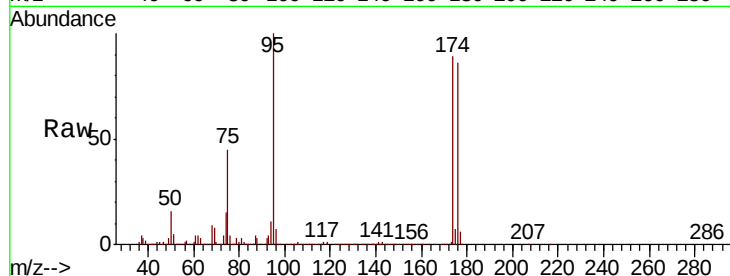
Tot Ion: 75 Resp: 223603

Ion Ratio Lower Upper

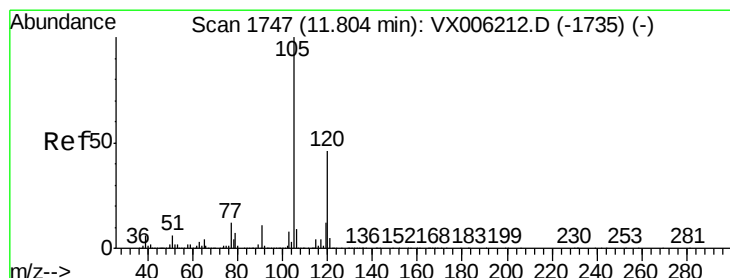
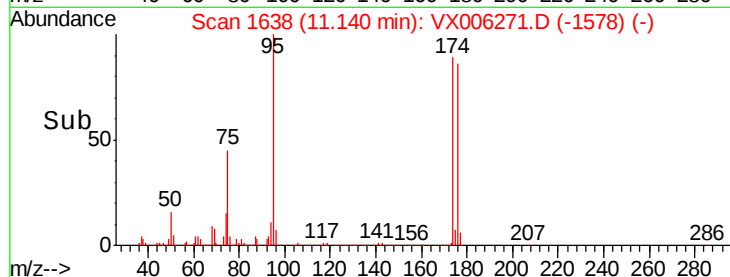
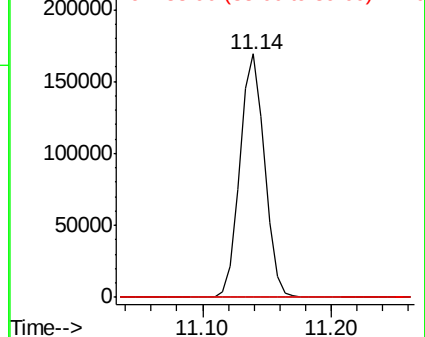
75 100

53 0.0 64.4 96.6#

89 0.1 44.2 66.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 0.254 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006271.D

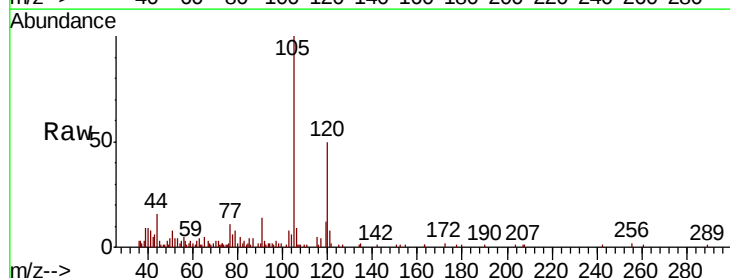
Acq: 04 Dec 2018 12:02

Tgt Ion: 105 Resp: 8033

Ion Ratio Lower Upper

105 100

120 48.1 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

