

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052720\
 Data File : VX016469.D
 Acq On : 28 May 2020 00:22
 Operator : JC/SP
 Sample : L2738-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 25-28-COMP

Quant Time: May 28 08:05:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	214687	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.84	114	238773	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	134461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	36366	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	40035	15.02	ug/l	0.00
Spiked Amount			Recovery	=	30.04%	
35) Dibromofluoromethane	5.47	113	44200	30.06	ug/l	0.00
Spiked Amount			Recovery	=	60.12%	
50) Toluene-d8	8.70	98	260194	45.47	ug/l	0.00
Spiked Amount			Recovery	=	90.94%	
62) 4-Bromofluorobenzene	11.12	95	49870	22.55	ug/l	0.00
Spiked Amount			Recovery	=	45.10%	

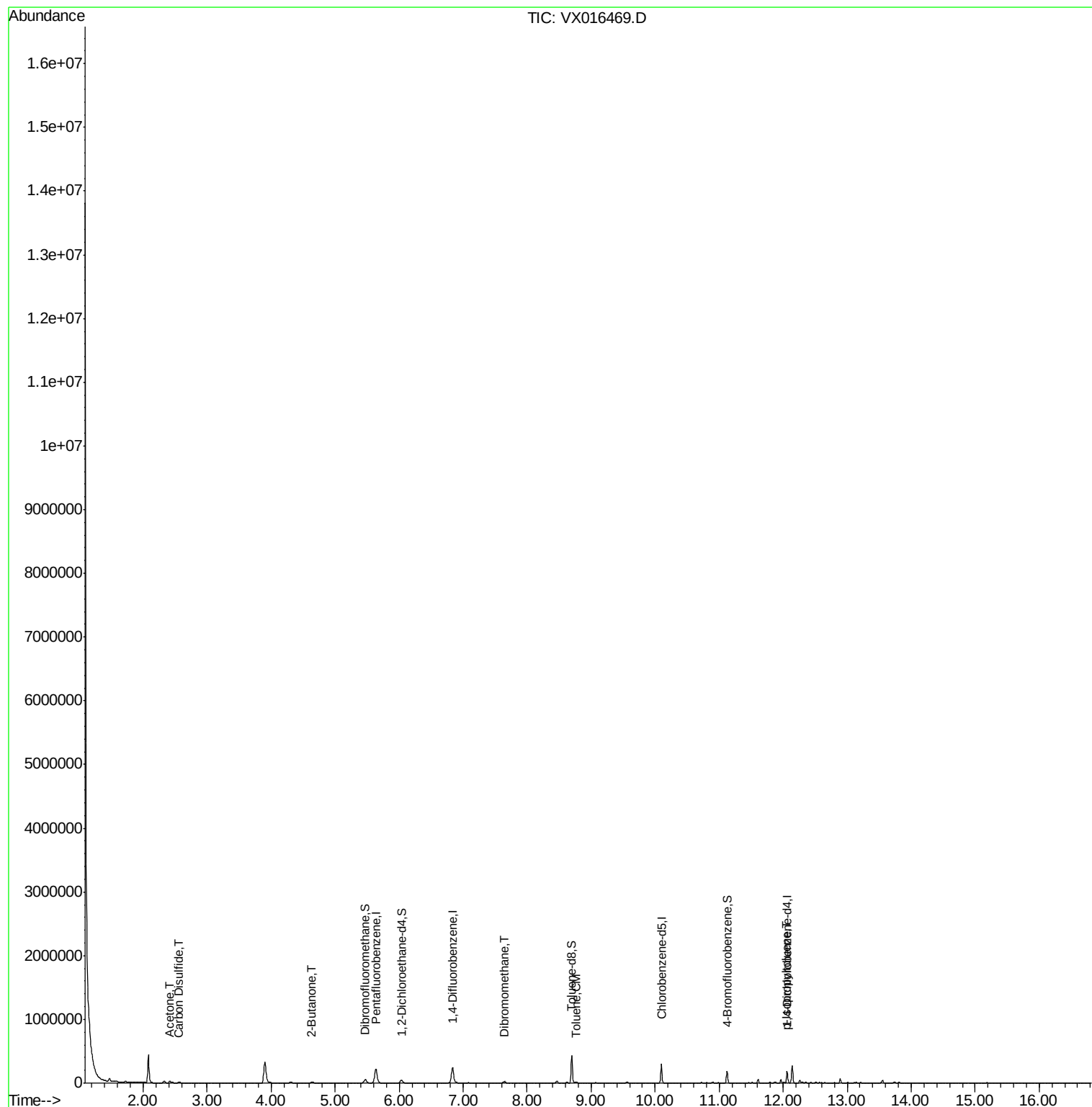
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	25690	21.993	ug/l	96
17) Carbon Disulfide	2.55	76	11076	1.806	ug/l	97
25) 2-Butanone	4.64	43	29106	14.705	ug/l	98
46) Dibromomethane	7.64	93	4019	3.491	ug/l	94
52) Toluene	8.77	92	2389	0.563	ug/l	93
86) p-Isopropyltoluene	12.05	119	3977	1.883	ug/l	94

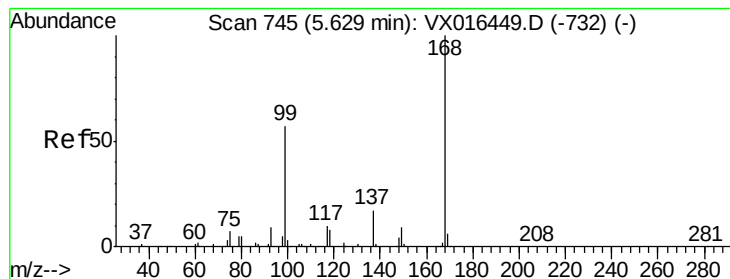
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 747

Delta R.T. 0.01 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

Instrument :

MSVOA_X

ClientSampleId :

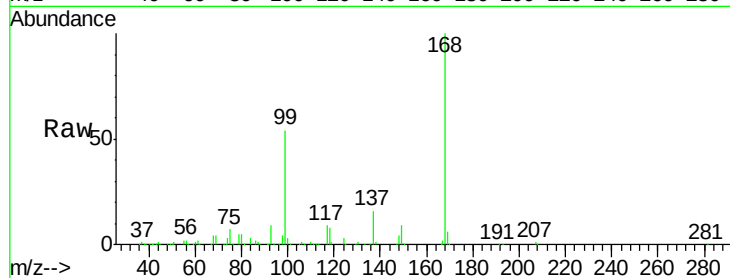
25-28-COMP

Tot Ion:168 Resp: 214687

Ion Ratio Lower Upper

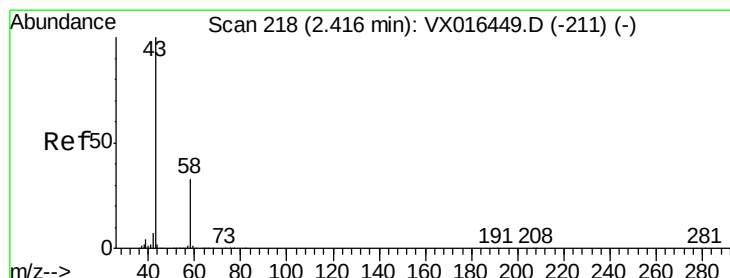
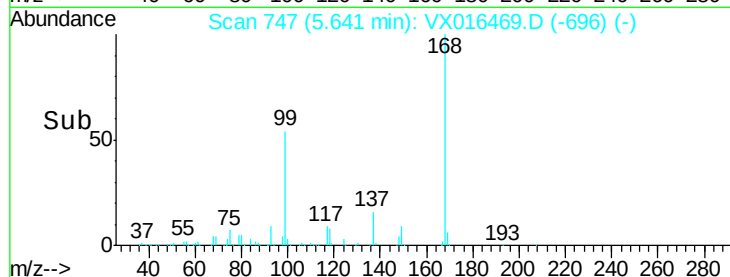
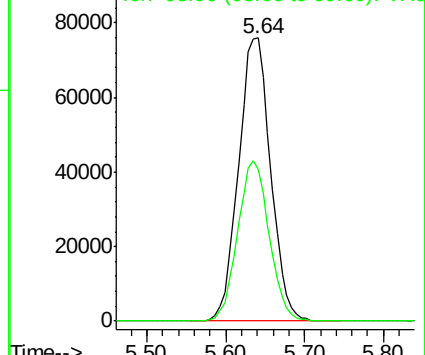
168 100

99 53.6 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 21.993 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016469.D

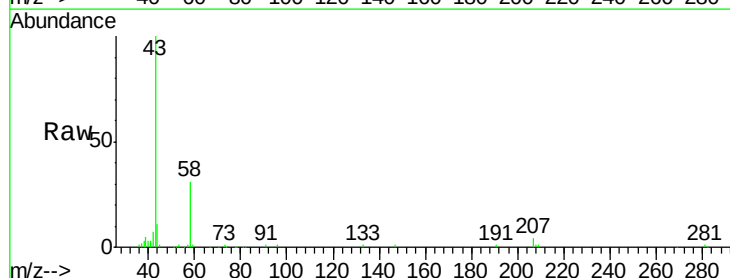
Acq: 28 May 2020 00:22

Tgt Ion: 43 Resp: 25690

Ion Ratio Lower Upper

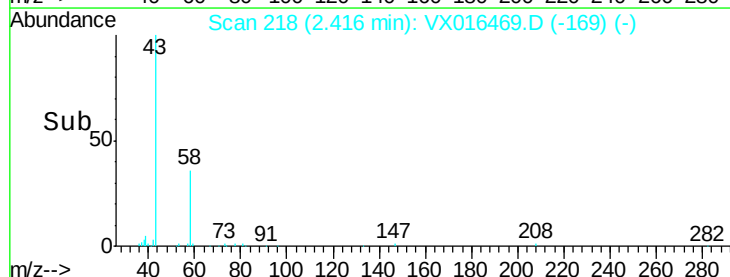
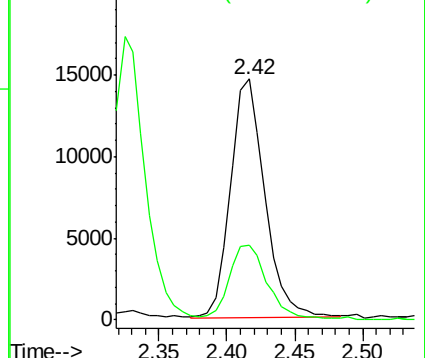
43 100

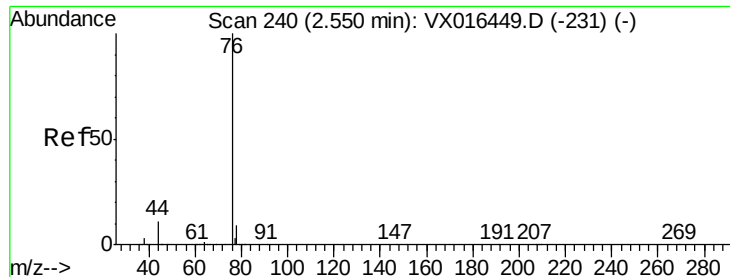
58 30.5 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.806 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

Instrument :

MSVOA_X

ClientSampleId :

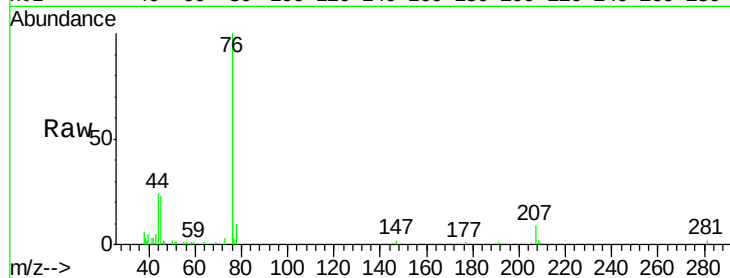
25-28-COMP

Tot Ion: 76 Resp: 11076

Ion Ratio Lower Upper

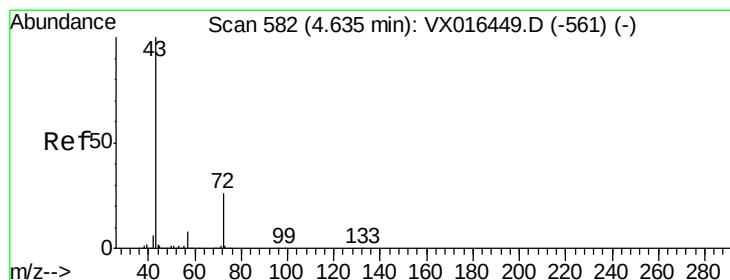
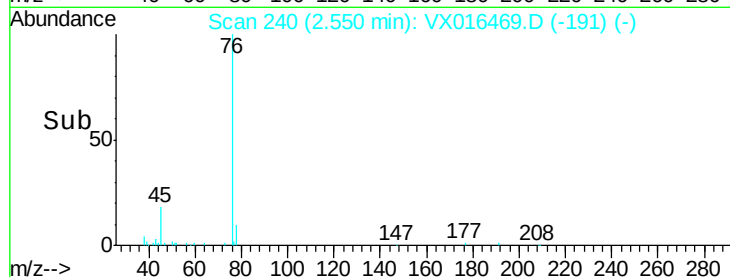
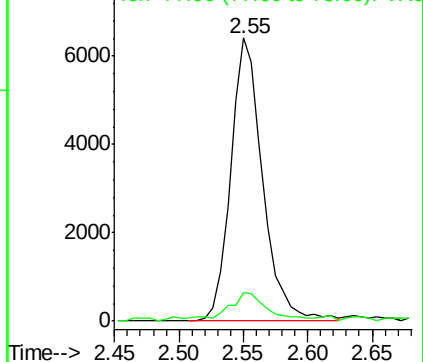
76 100

78 10.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#25

2-Butanone

Concen: 14.705 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016469.D

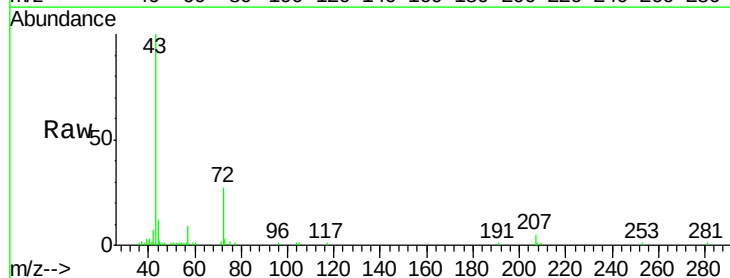
Acq: 28 May 2020 00:22

Tgt Ion: 43 Resp: 29106

Ion Ratio Lower Upper

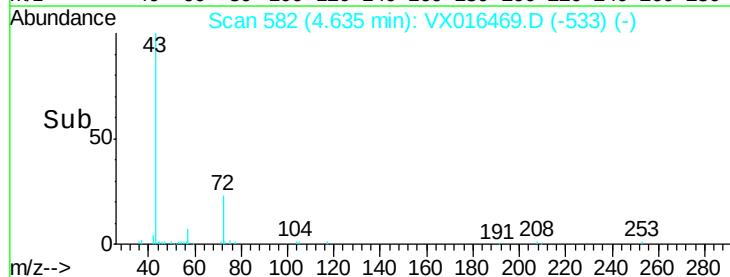
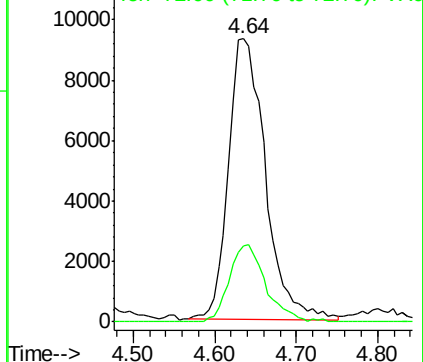
43 100

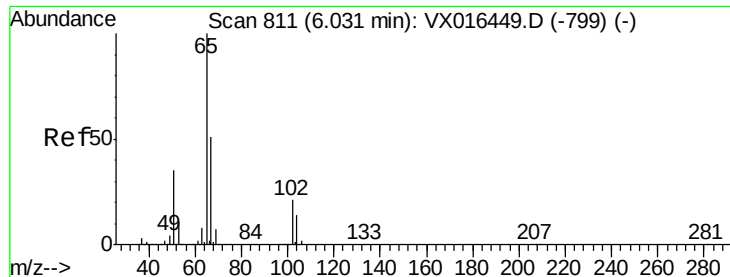
72 27.1 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

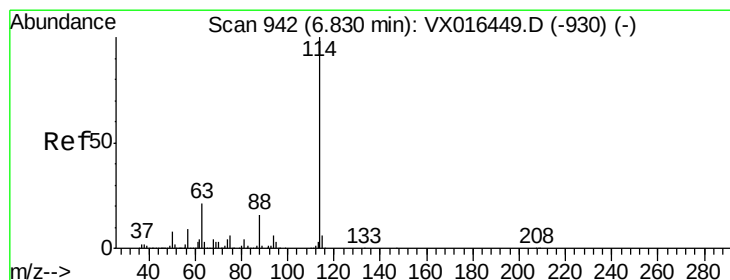
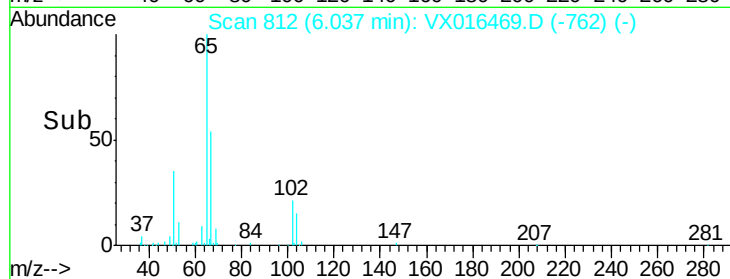
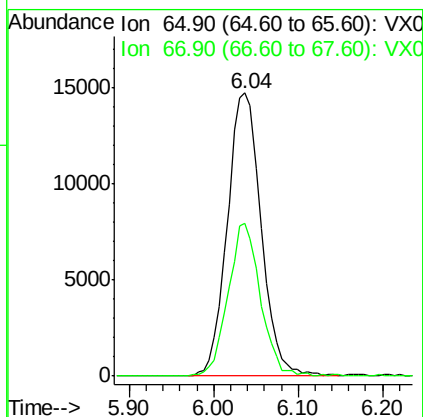
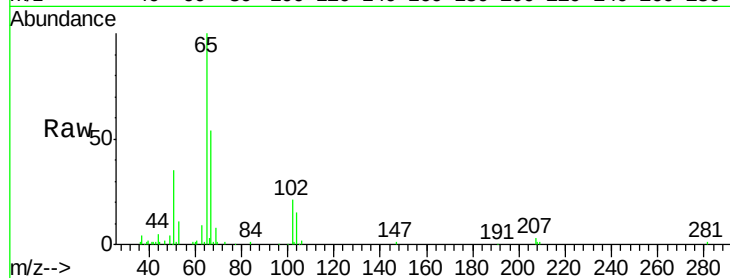




#33
 1,2-Dichloroethane-d4
 Concen: 15.016 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016469.D
 Acq: 28 May 2020 00:22

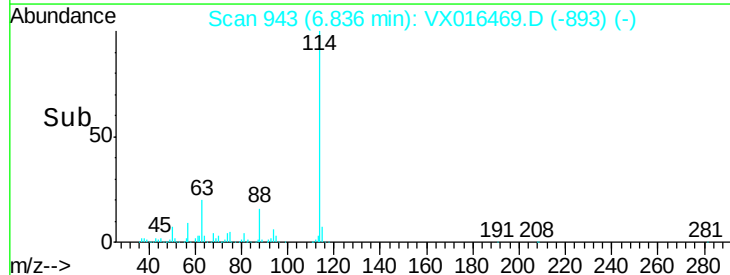
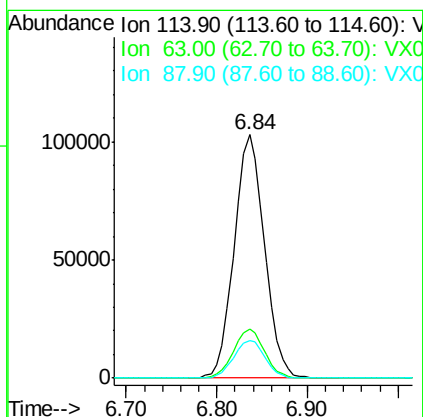
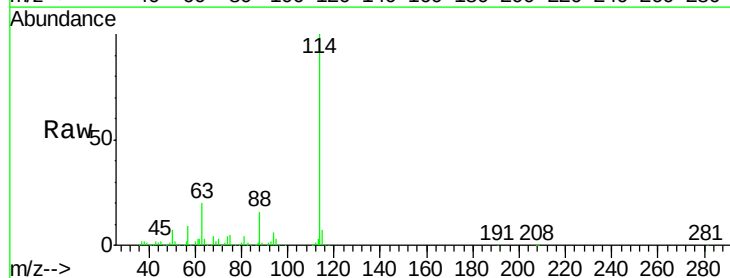
Instrument :
 MSVOA_X
 ClientSampleId :
 25-28-COMP

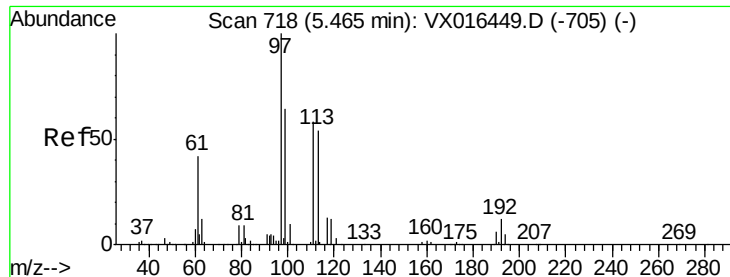
Tot Ion: 65 Resp: 40035
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016469.D
 Acq: 28 May 2020 00:22

Tgt Ion: 114 Resp: 238773
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.6
 88 15.6 0.0 32.8

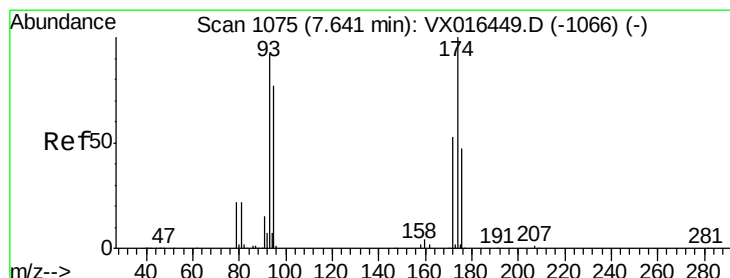
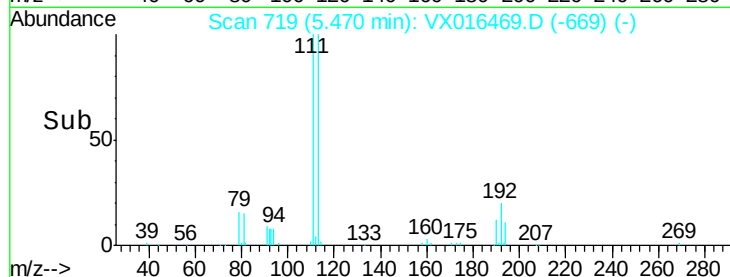
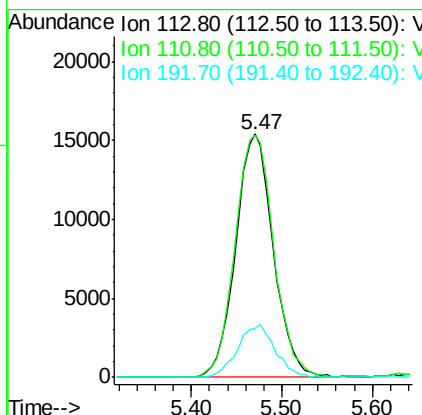
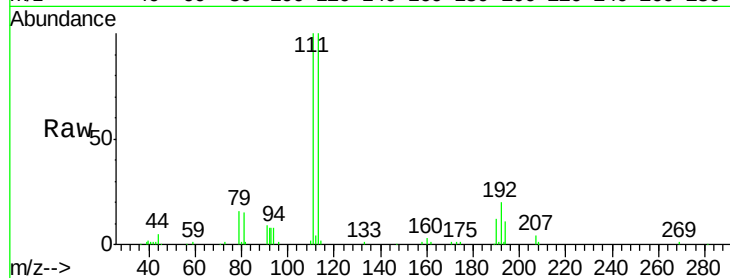




#35
Dibromofluoromethane
Concen: 30.063 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016469.D
Acq: 28 May 2020 00:22

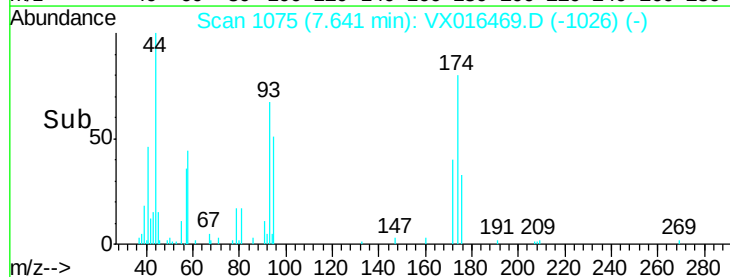
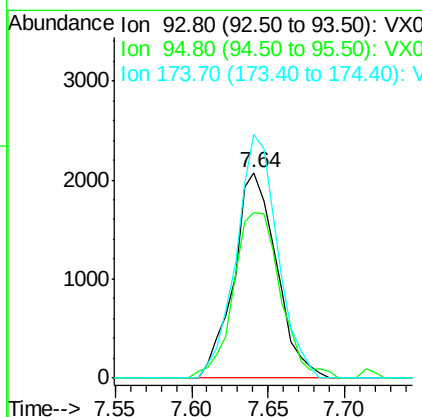
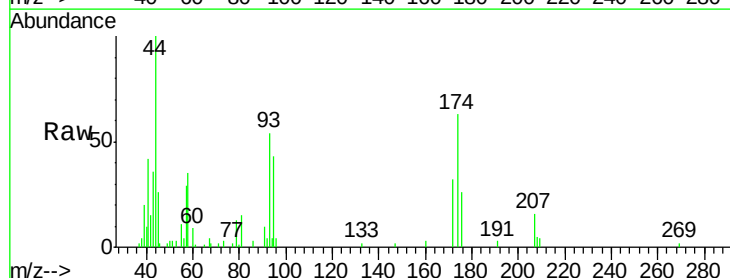
Instrument :
MSVOA_X
ClientSampleId :
25-28-COMP

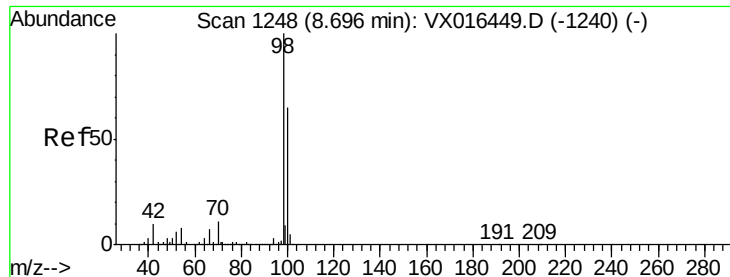
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.0	124.6
192	21.5	17.7	26.5



#46
Dibromomethane
Concen: 3.491 ug/l
RT: 7.64 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX016469.D
Acq: 28 May 2020 00:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	88.8	66.6	100.0
174	114.6	86.2	129.4





#50

Toluene-d8

Concen: 45.469 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

Instrument :

MSVOA_X

ClientSampleId :

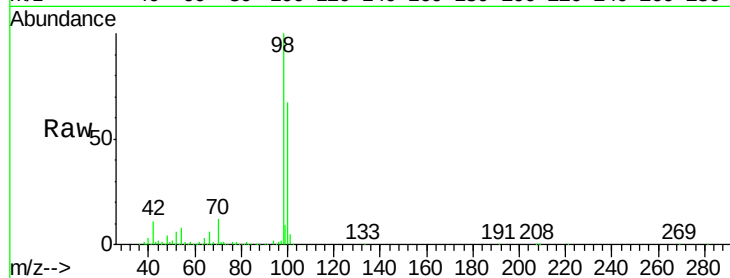
25-28-COMP

Tot Ion: 98 Resp: 260194

Ion Ratio Lower Upper

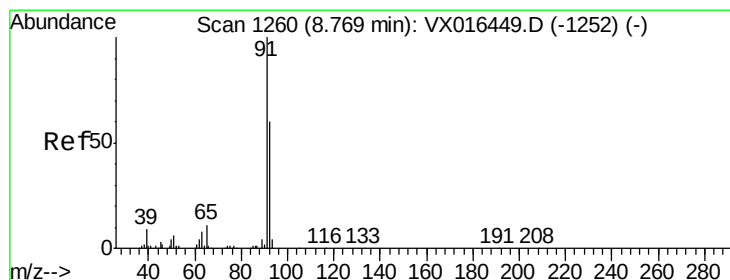
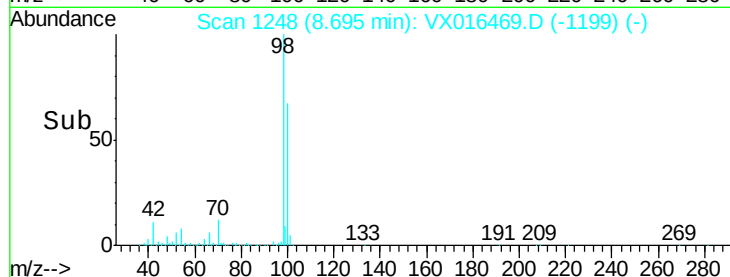
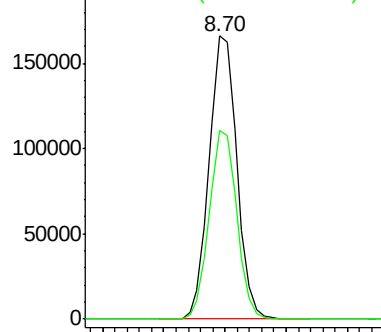
98 100

100 66.4 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 0.563 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016469.D

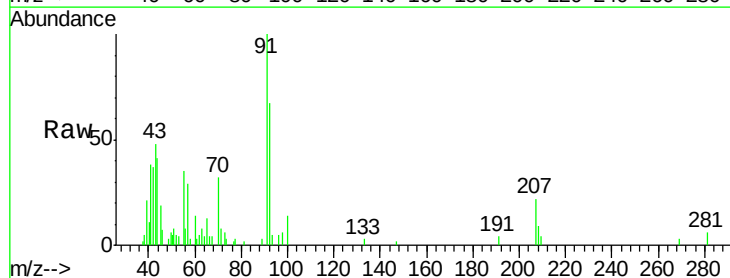
Acq: 28 May 2020 00:22

Tgt Ion: 92 Resp: 2389

Ion Ratio Lower Upper

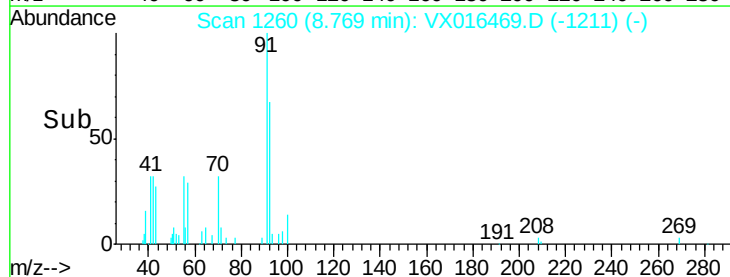
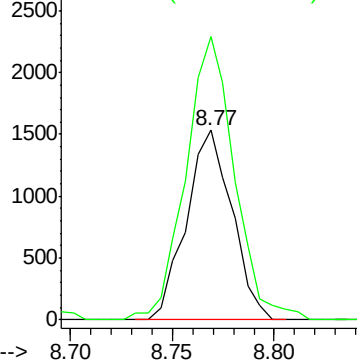
92 100

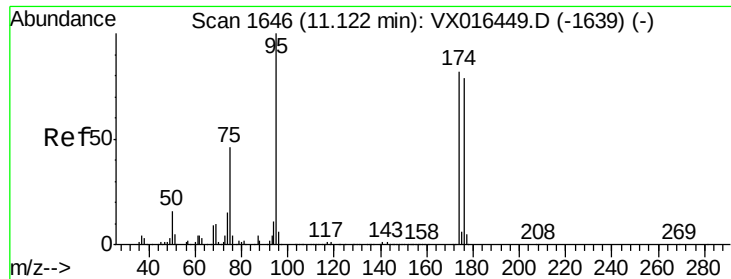
91 159.2 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 22.554 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

Instrument :

MSVOA_X

ClientSampleId :

25-28-COMP

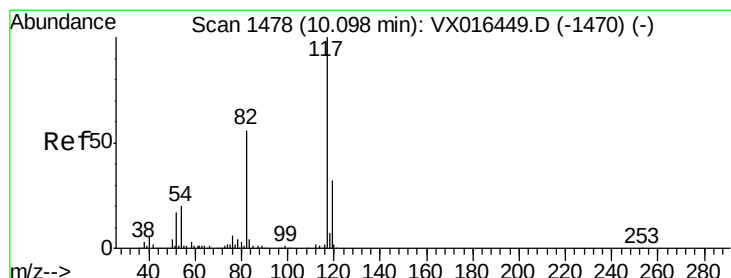
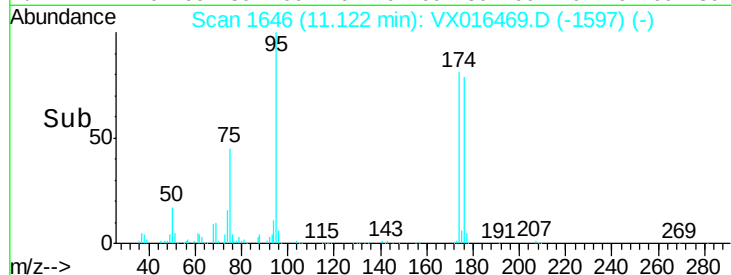
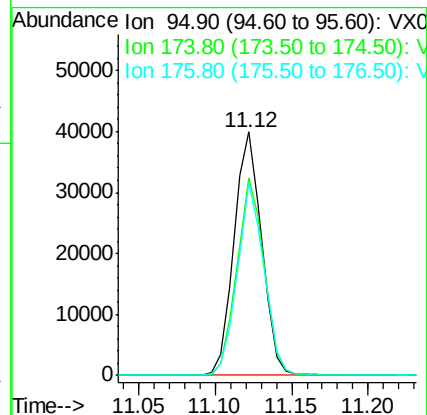
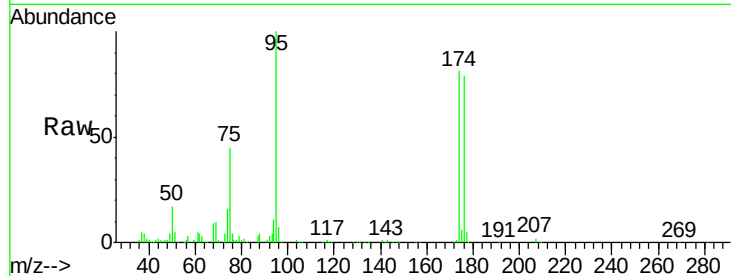
Tot Ion: 95 Resp: 49870

Ion Ratio Lower Upper

95 100

174 80.5 0.0 163.0

176 76.7 0.0 156.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

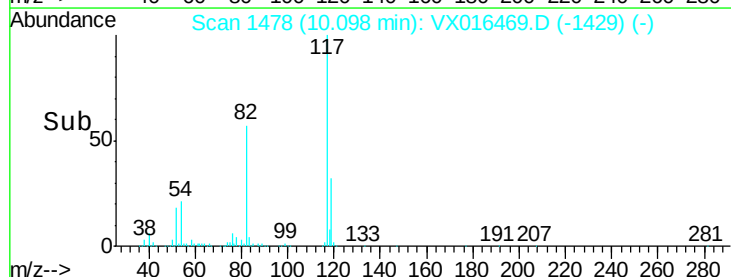
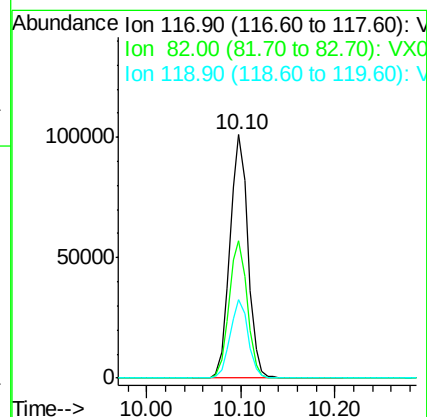
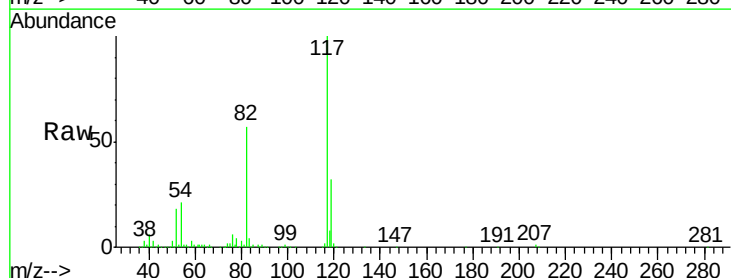
Tgt Ion: 117 Resp: 134461

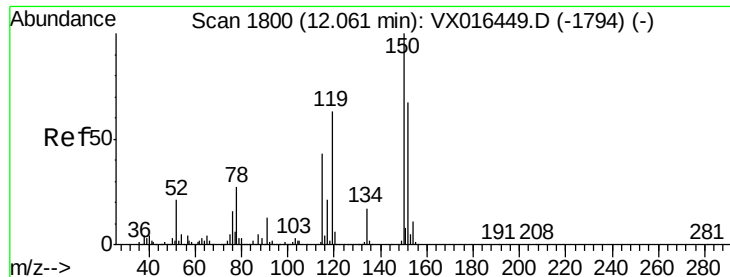
Ion Ratio Lower Upper

117 100

82 56.6 45.0 67.6

119 32.2 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

Instrument :

MSVOA_X

ClientSampleId :

25-28-COMP

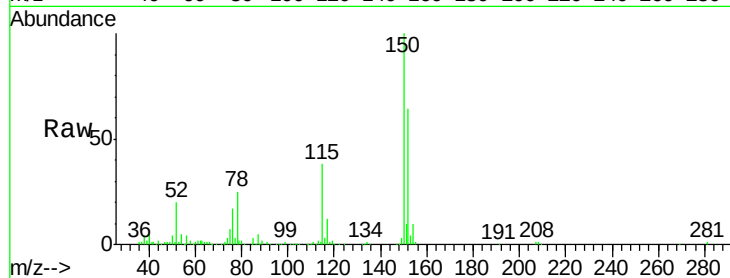
Tot Ion:152 Resp: 36366

Ion Ratio Lower Upper

152 100

115 59.8 39.9 119.6

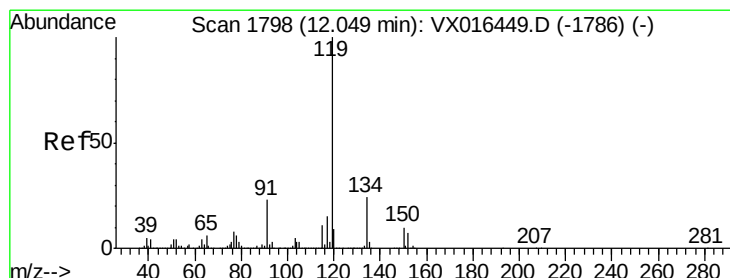
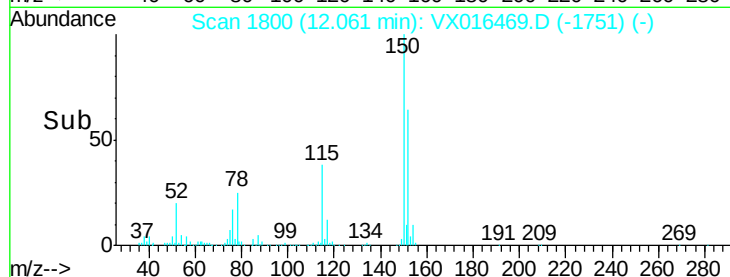
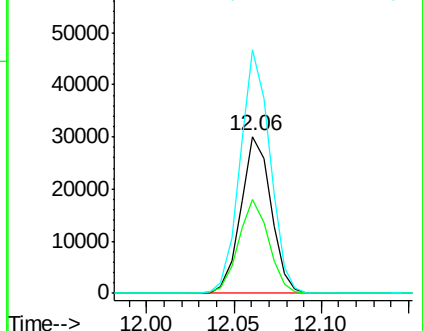
150 153.0 0.0 341.0



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



#86

p-Isopropyltoluene

Concen: 1.883 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016469.D

Acq: 28 May 2020 00:22

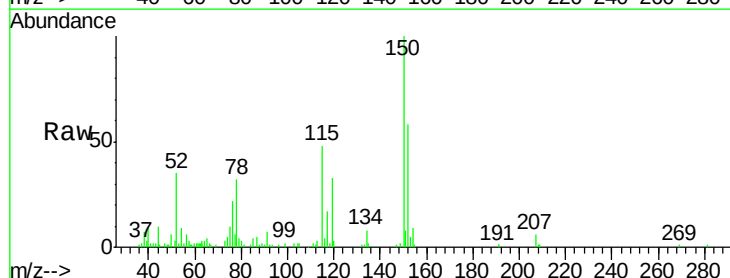
Tgt Ion:119 Resp: 3977

Ion Ratio Lower Upper

119 100

134 28.0 12.7 38.0

91 27.0 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

