

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX062118\
 Data File : VX002789.D
 Acq On : 21 Jun 2018 15:36
 Operator : JC/MD
 Sample : J3617-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SRI3-TB2

Quant Time: Jun 22 01:44:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	320484	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174174	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	155676	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.44%		
35) Dibromofluoromethane	5.51	113	121198	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.76%		
50) Toluene-d8	8.72	98	455299	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.76%		
62) 4-Bromofluorobenzene	11.14	95	163257	44.36	ug/l	0.00
Spiked Amount 50.000			Recovery =	88.72%		

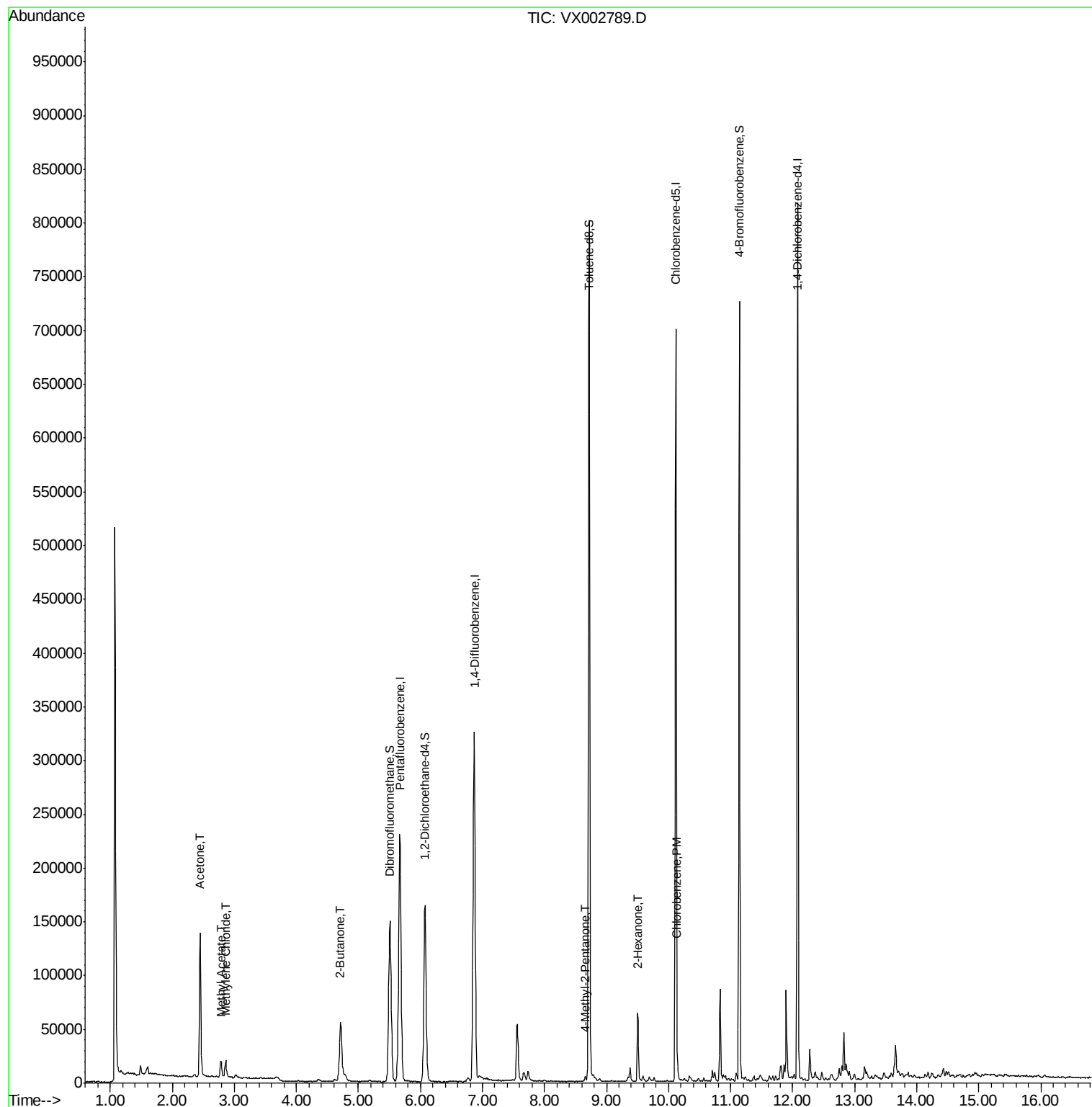
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	144276	94.99	ug/l	100
18) Methyl Acetate	2.78	43	19421	4.80	ug/l	94
20) Methylene Chloride	2.86	84	7291	2.34	ug/l	97
25) 2-Butanone	4.71	43	97178	48.72	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2206	0.54	ug/l #	82
59) 2-Hexanone	9.50	43	34990	11.33	ug/l	100
65) Chlorobenzene	10.14	112	1546	0.21	ug/l	100

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

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Quant Time: Jun 22 01:44:36 2018
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002789.D

Acq: 21 Jun 2018 15:36

Instrument :

MSVOA_X

ClientSampled :

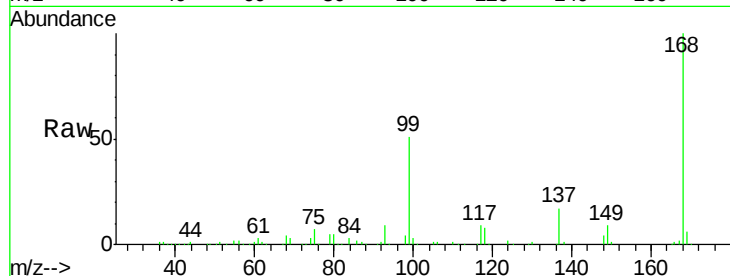
SRI3-TB2

Tot Ion:168 Resp: 226555

Ion Ratio Lower Upper

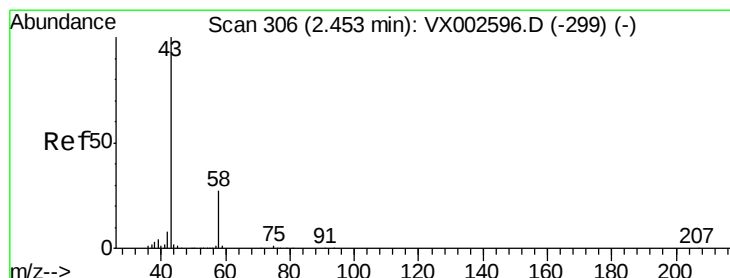
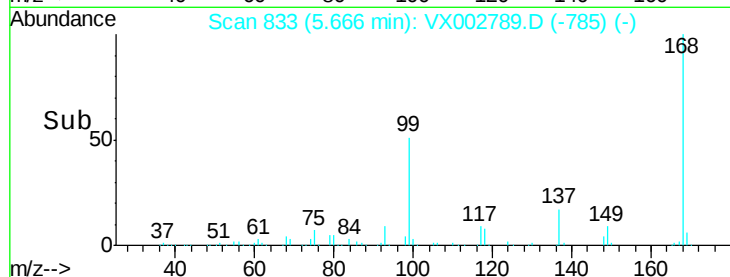
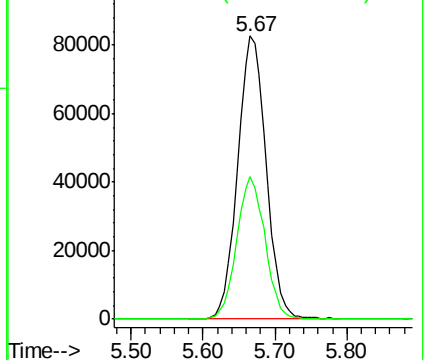
168 100

99 50.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 94.99 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002789.D

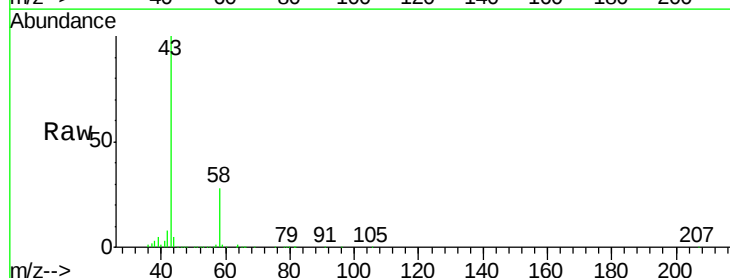
Acq: 21 Jun 2018 15:36

Tgt Ion: 43 Resp: 144276

Ion Ratio Lower Upper

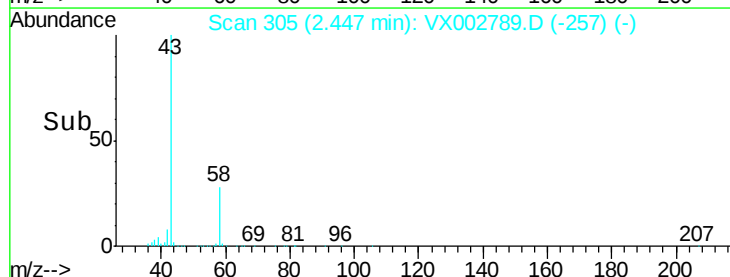
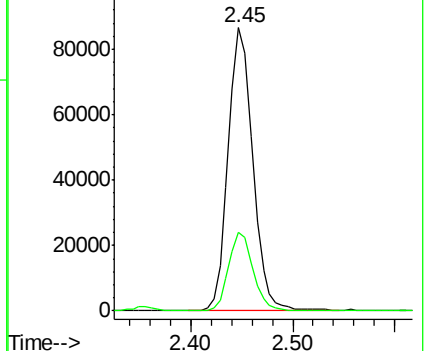
43 100

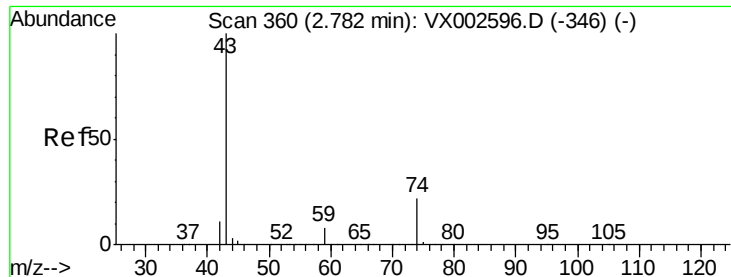
58 27.6 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

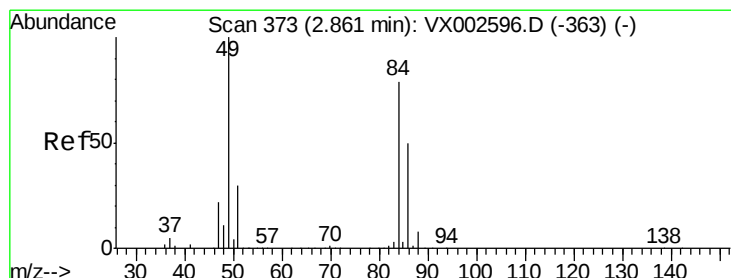
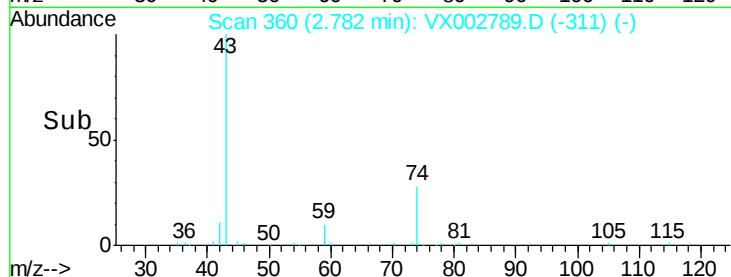
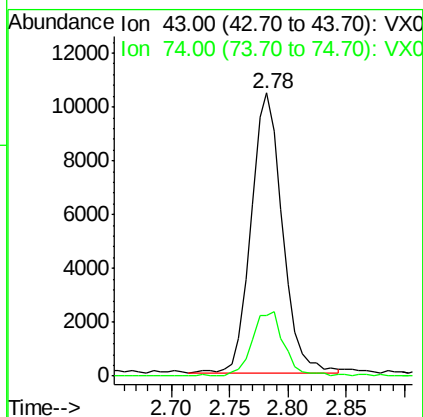
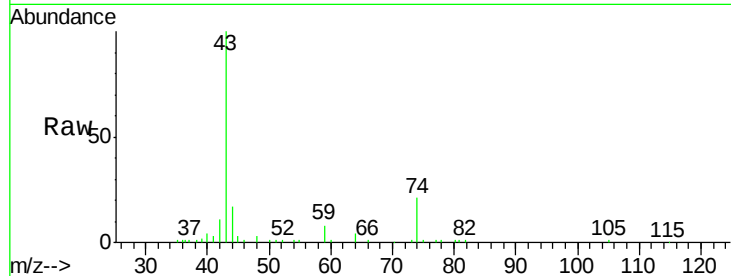




#18
Methvl Acetate
Concen: 4.80 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002789.D
Acq: 21 Jun 2018 15:36

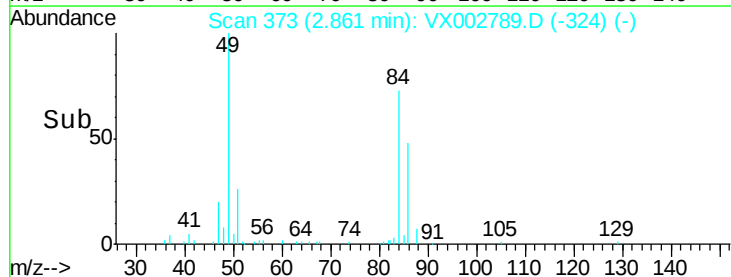
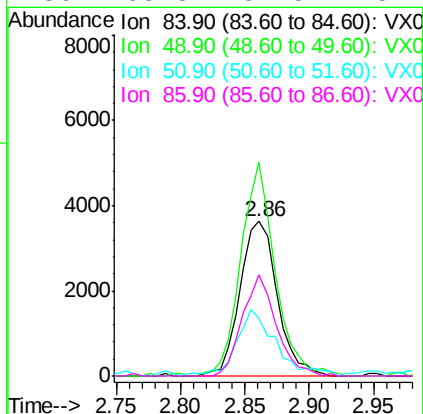
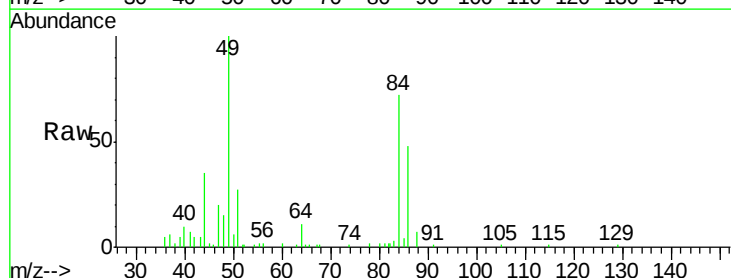
Instrument :
MSVOA_X
ClientSampled :
SRI3-TB2

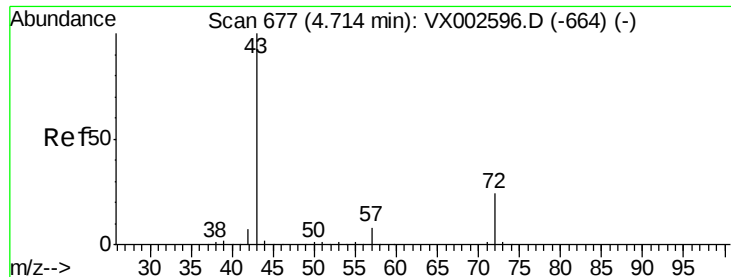
Tot Ion: 43 Resp: 19421
Ion Ratio Lower Upper
43 100
74 23.7 16.7 25.1



#20
Methylene Chloride
Concen: 2.34 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002789.D
Acq: 21 Jun 2018 15:36

Tgt Ion: 84 Resp: 7291
Ion Ratio Lower Upper
84 100
49 138.0 107.8 161.6
51 37.0 32.8 49.2
86 65.8 52.5 78.7





#25

2-Butanone

Concen: 48.72 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002789.D

Acq: 21 Jun 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

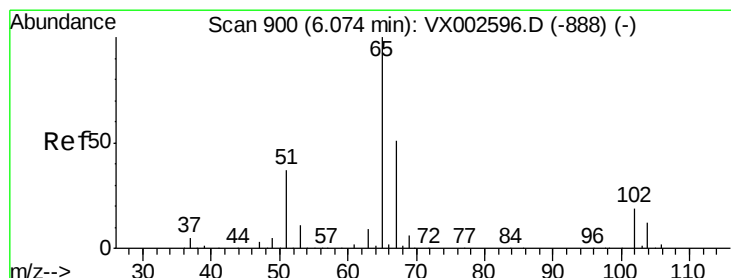
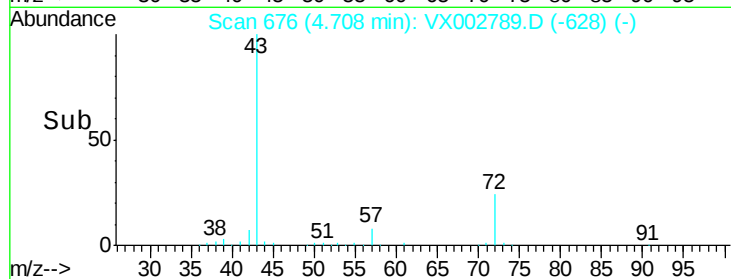
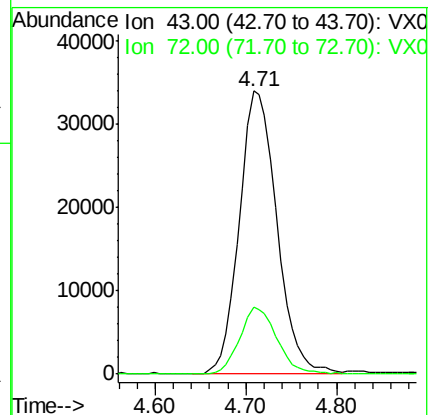
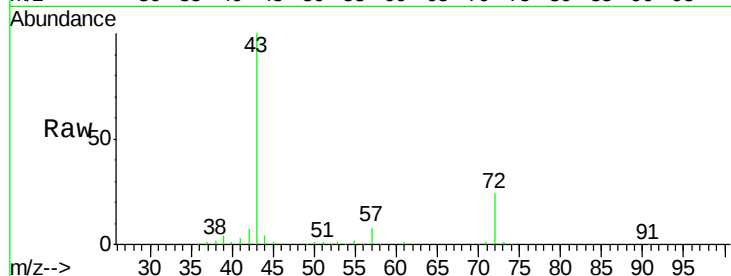
SRI3-TB2

Tot Ion: 43 Resp: 97178

Ion Ratio Lower Upper

43 100

72 23.7 18.5 27.7



#33

1,2-Dichloroethane-d4

Concen: 45.22 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002789.D

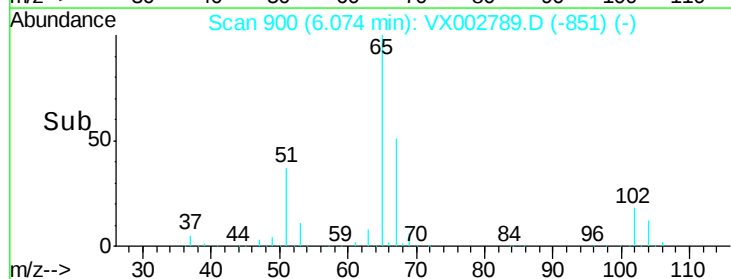
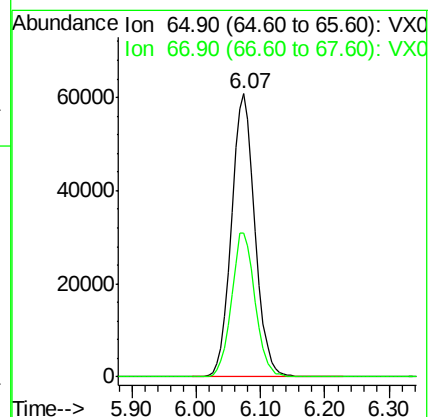
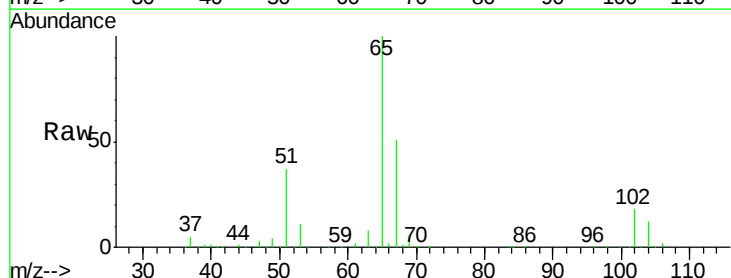
Acq: 21 Jun 2018 15:36

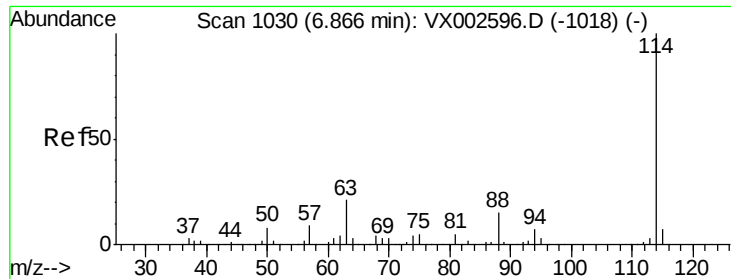
Tgt Ion: 65 Resp: 155676

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002789.D

Acq: 21 Jun 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

SRI3-TB2

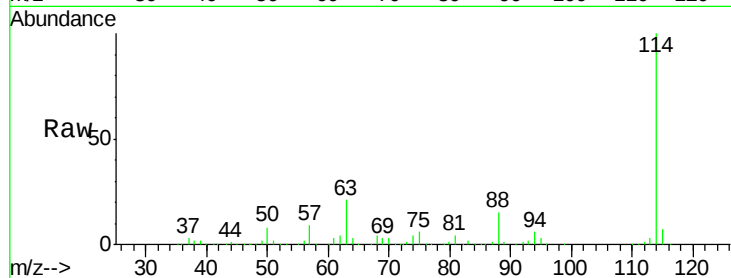
Tot Ion:114 Resp: 320484

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

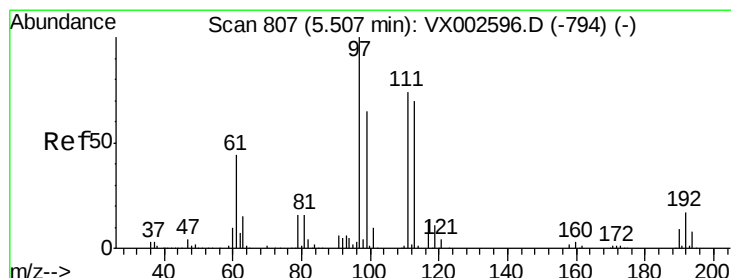
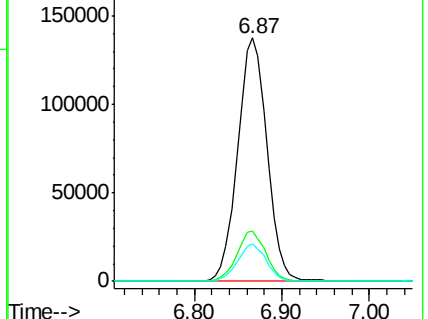
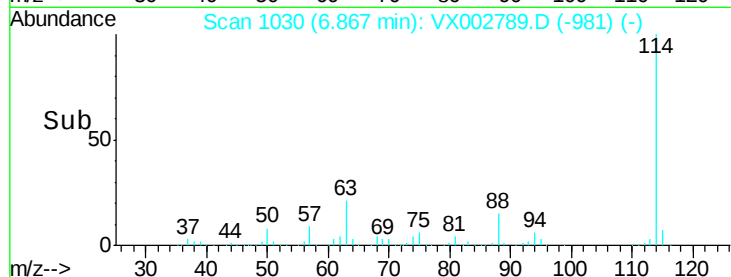
88 15.3 0.0 30.0



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: 47.38 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002789.D

Acq: 21 Jun 2018 15:36

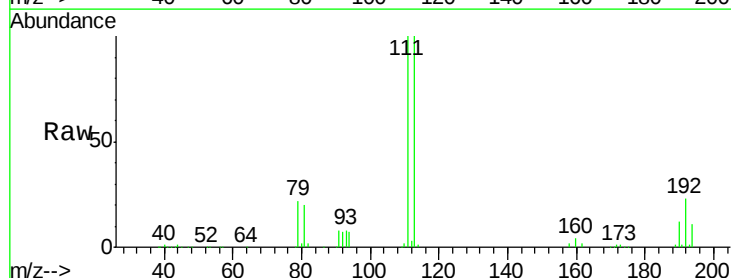
Tgt Ion:113 Resp: 121198

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

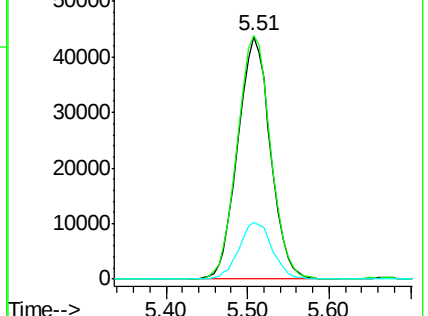
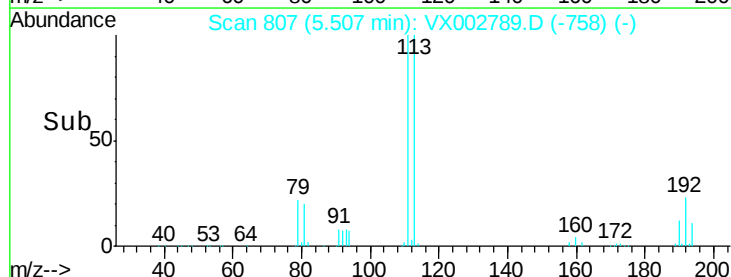
192 23.8 19.1 28.7

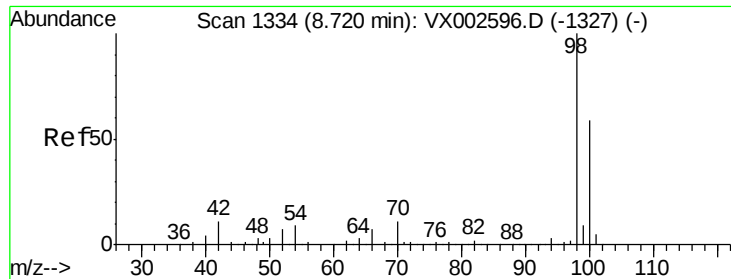


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.88 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002789.D

Acq: 21 Jun 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

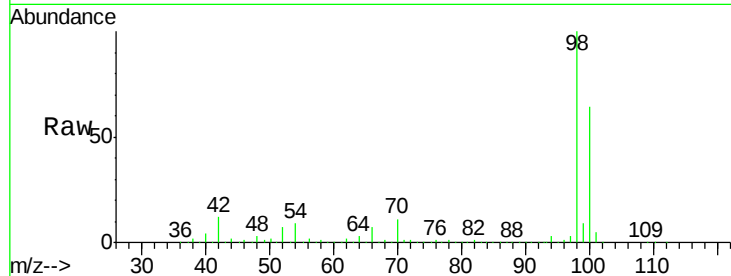
SRI3-TB2

Tot Ion: 98 Resp: 455299

Ion Ratio Lower Upper

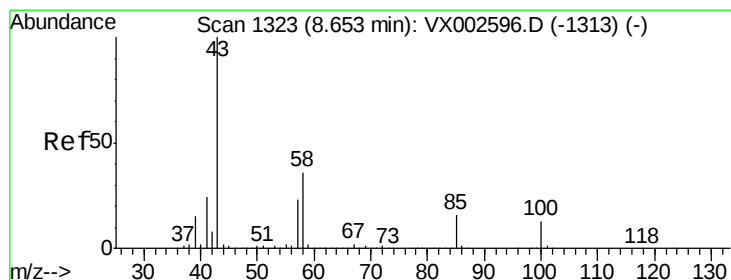
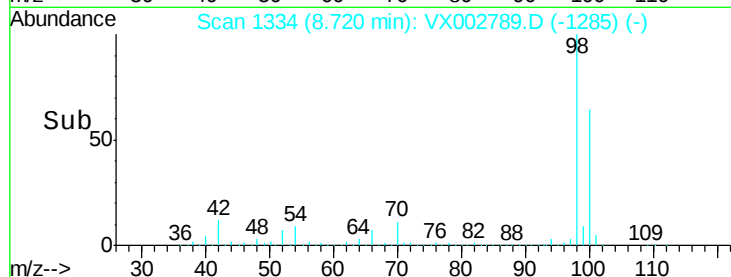
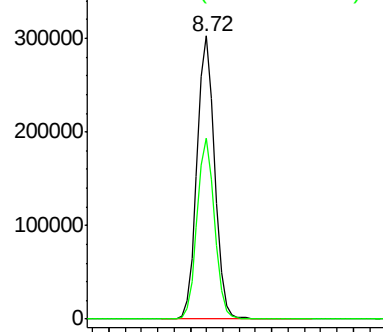
98 100

100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 0.54 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002789.D

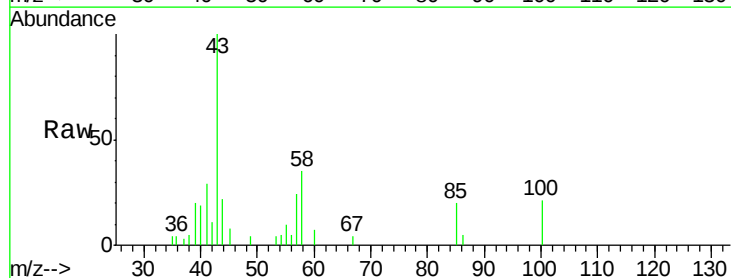
Acq: 21 Jun 2018 15:36

Tgt Ion: 43 Resp: 2206

Ion Ratio Lower Upper

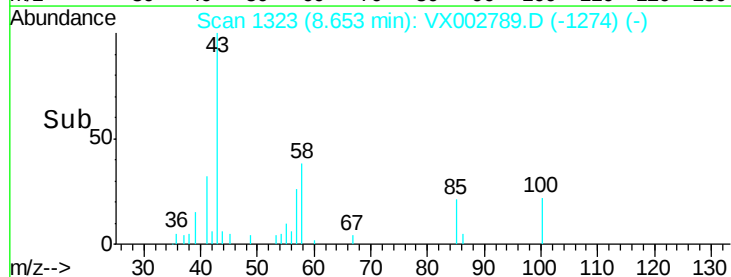
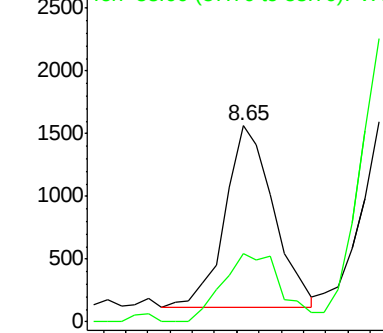
43 100

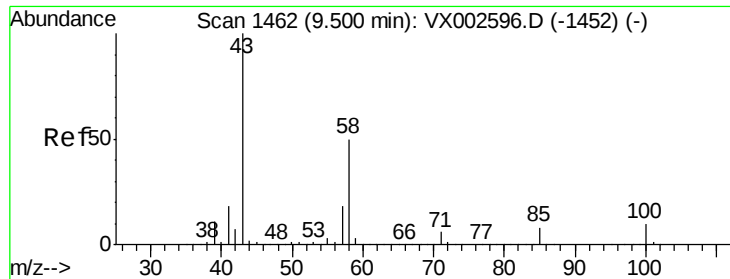
58 46.1 28.6 42.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

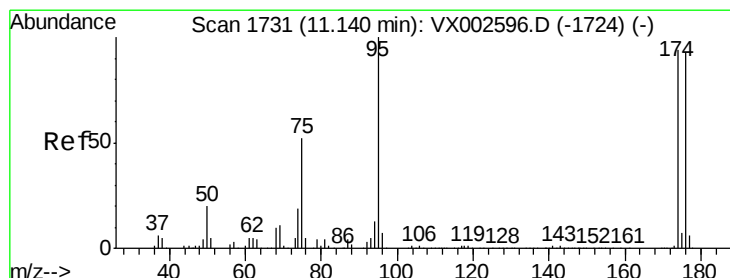
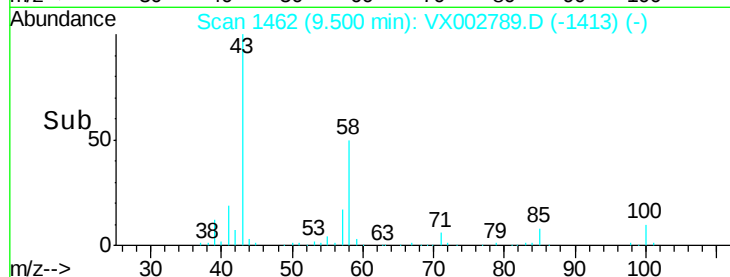
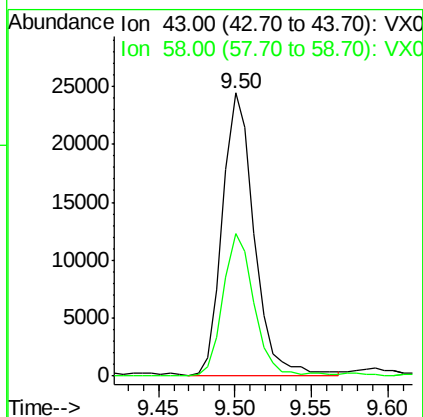
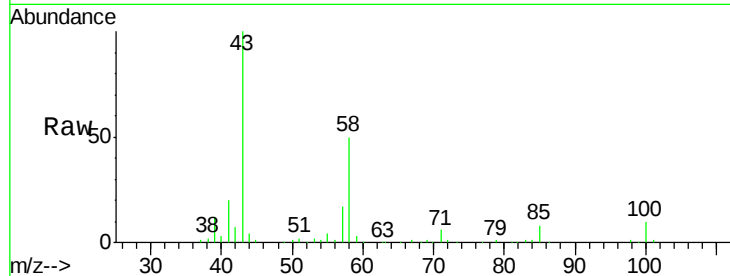




#59
2-Hexanone
Concen: 11.33 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002789.D
Acq: 21 Jun 2018 15:36

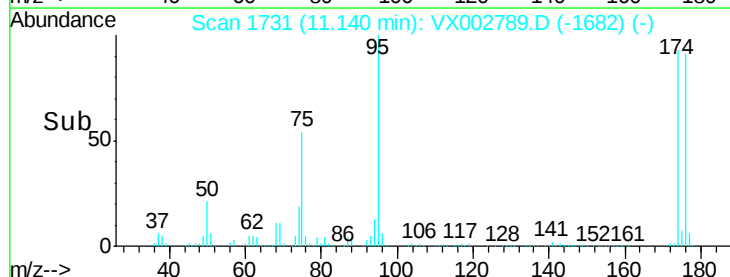
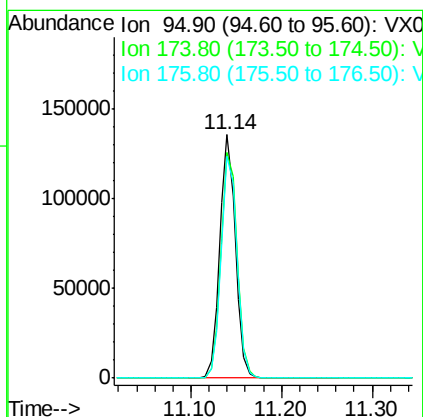
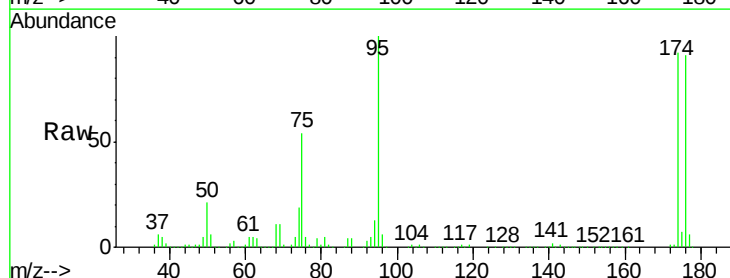
Instrument :
MSVOA_X
ClientSampled :
SRI3-TB2

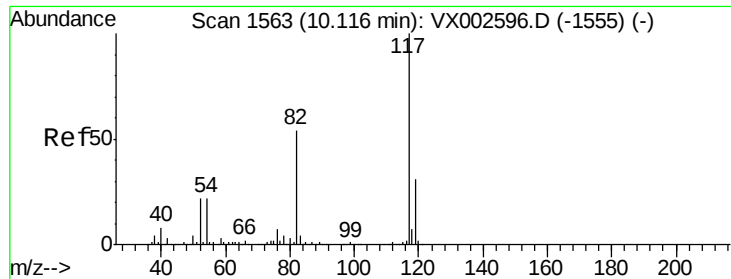
Tot Ion: 43 Resp: 34990
Ion Ratio Lower Upper
43 100
58 48.8 24.6 73.6



#62
4-Bromofluorobenzene
Concen: 44.36 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002789.D
Acq: 21 Jun 2018 15:36

Tgt Ion: 95 Resp: 163257
Ion Ratio Lower Upper
95 100
174 96.1 0.0 187.4
176 93.1 0.0 181.0

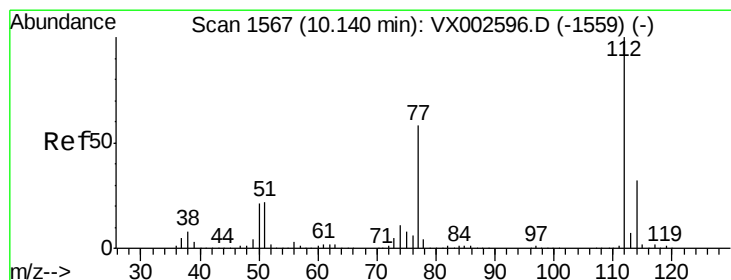
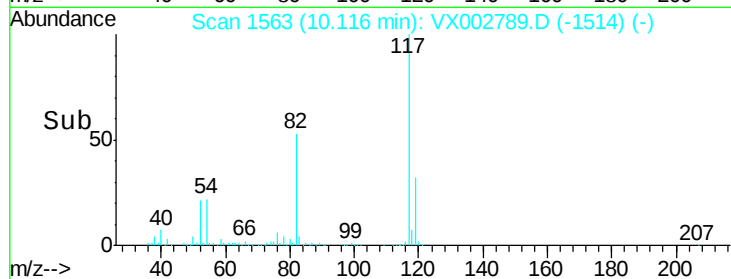
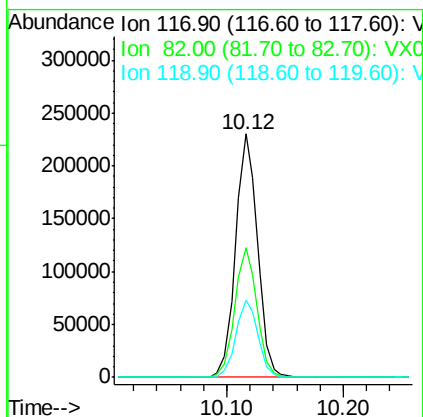
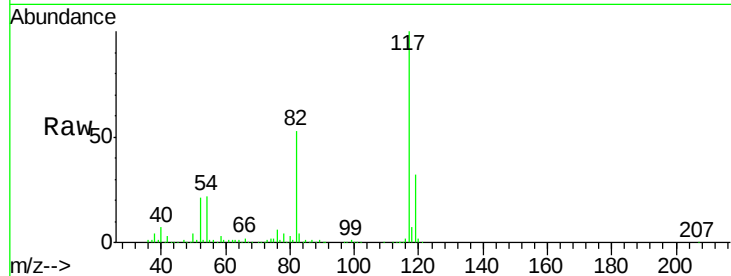




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002789.D
Acq: 21 Jun 2018 15:36

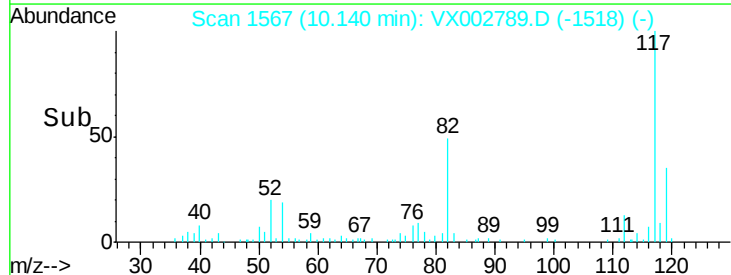
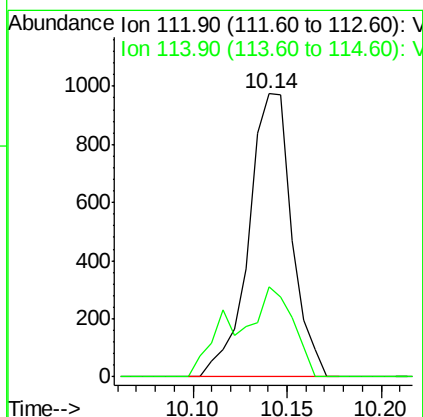
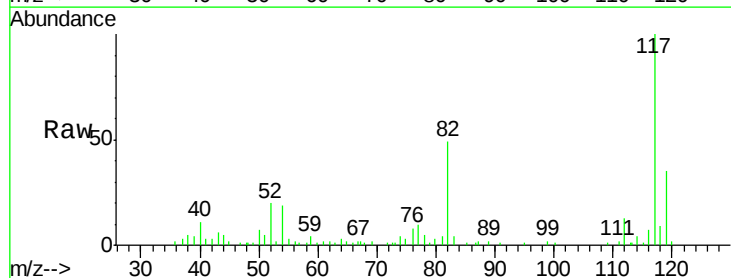
Instrument :
MSVOA_X
ClientSampleId :
SRI3-TB2

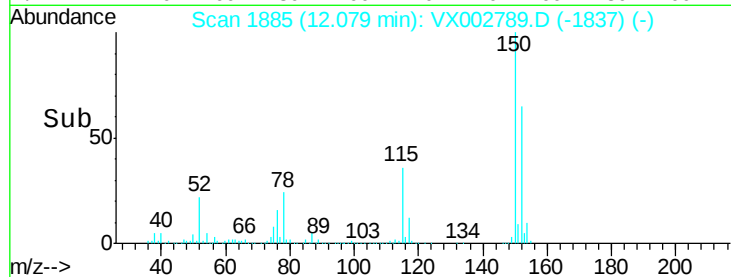
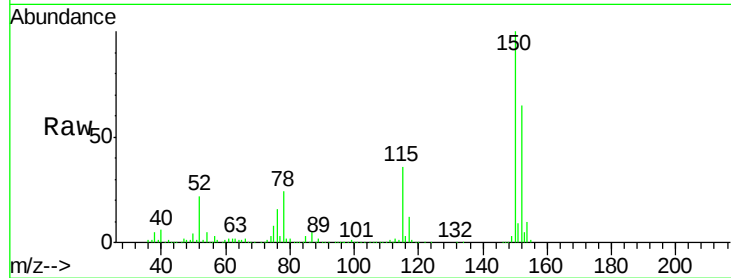
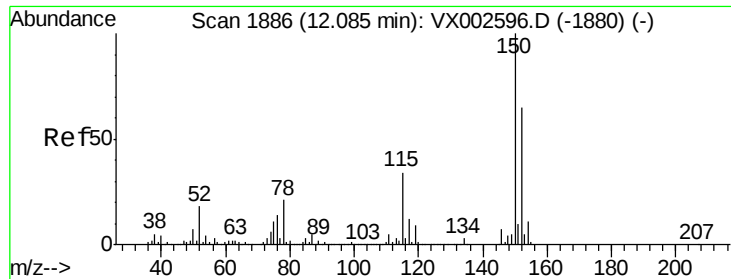
Tot Ion:117 Resp: 302769
Ion Ratio Lower Upper
117 100
82 53.3 45.0 67.4
119 31.7 25.8 38.6



#65
Chlorobenzene
Concen: 0.21 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002789.D
Acq: 21 Jun 2018 15:36

Tgt Ion:112 Resp: 1546
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002789.D

Acq: 21 Jun 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

SRI3-TB2

Tot Ion:152 Resp: 174174

Ion Ratio Lower Upper

152 100

115 54.3 40.1 120.2

150 155.9 0.0 347.2

