

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
 Data File : VX013209.D
 Acq On : 24 Oct 2019 14:19
 Operator : JC/SP
 Sample : K5532-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0670

Quant Time: Oct 25 04:03:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	81139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	117443	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	117391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	74382	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	88746	52.29	ug/l	0.00
Spiked Amount			Recovery	=	104.58%	
35) Dibromofluoromethane	5.49	113	68251	52.11	ug/l	0.00
Spiked Amount			Recovery	=	104.22%	
50) Toluene-d8	8.71	98	246170	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.14	95	92099	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	

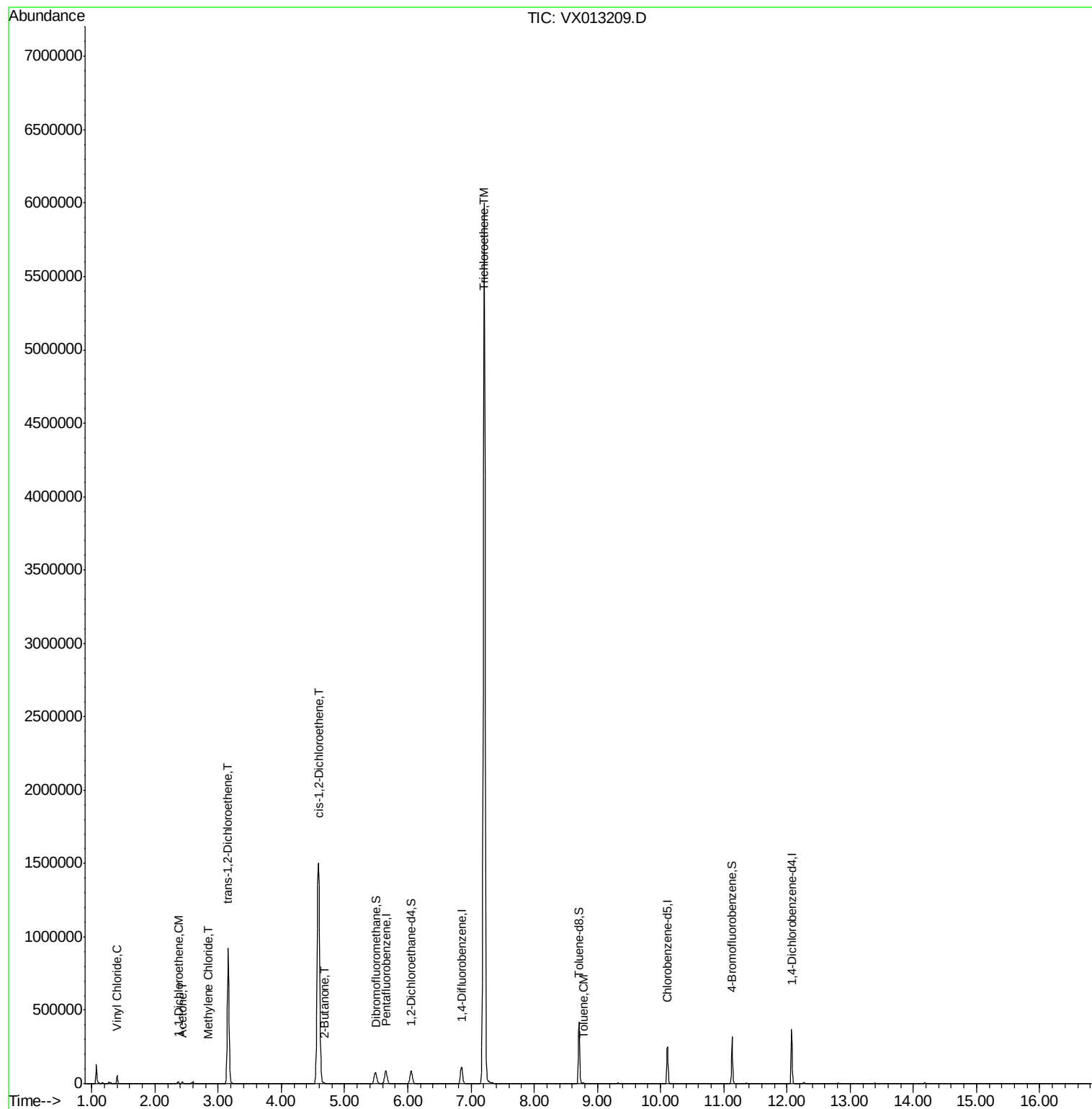
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	29210	19.825	ug/l	95
12) 1,1-Dichloroethene	2.37	96	5116	3.701	ug/l	89
16) Acetone	2.43	43	11176	13.978	ug/l	99
20) Methylene Chloride	2.84	84	371	0.535	ug/l #	83
21) trans-1,2-Dichloroethene	3.15	96	389419	268.676	ug/l	91
25) 2-Butanone	4.68	43	2324	2.167	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	1004008	593.116	ug/l	88
44) Trichloroethene	7.21	130	2324910	1388.649	ug/l	95
52) Toluene	8.78	92	1037	0.265	ug/l	97

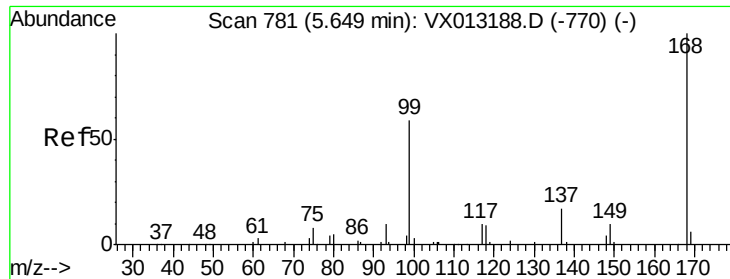
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102519\
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ClientSampleId :
S32-0670

Quant Time: Oct 25 04:03:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 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: VX013209.D

Acq: 24 Oct 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

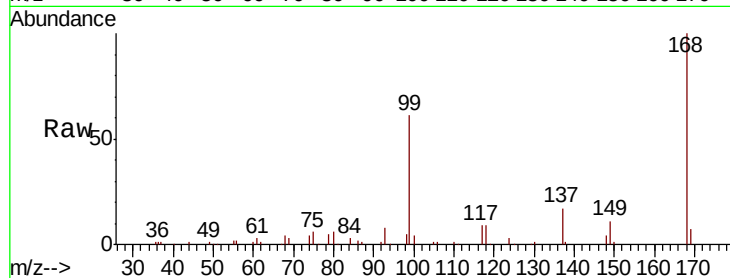
S32-0670

Tot Ion:168 Resp: 81139

Ion Ratio Lower Upper

168 100

99 60.8 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

30000

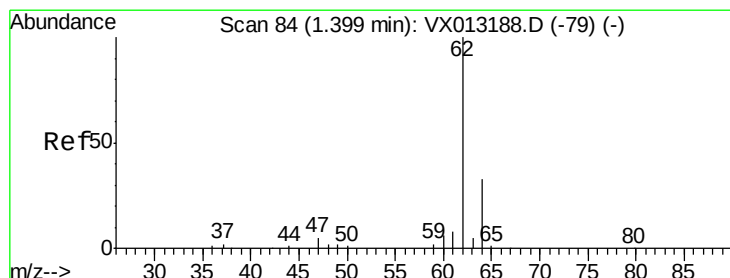
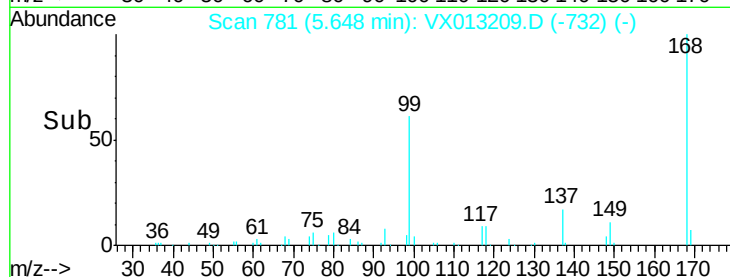
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 19.825 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013209.D

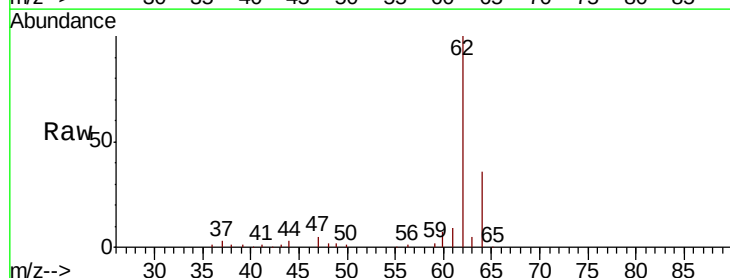
Acq: 24 Oct 2019 14:19

Tgt Ion: 62 Resp: 29210

Ion Ratio Lower Upper

62 100

64 35.9 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

30000

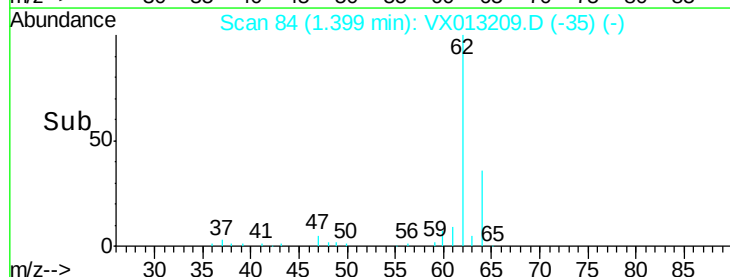
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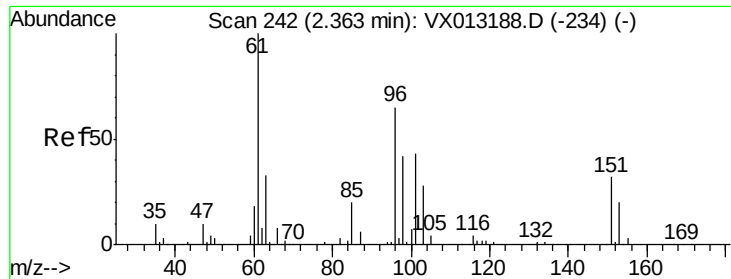
10000

0

Time-->

1.35 1.40 1.45

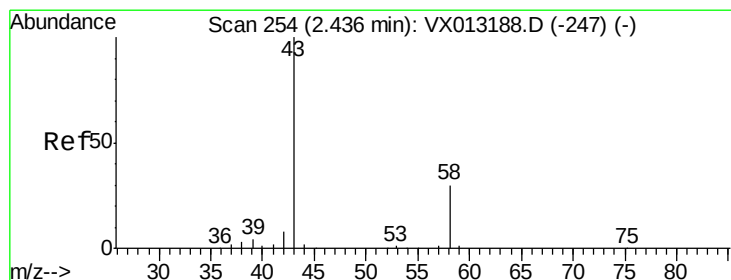
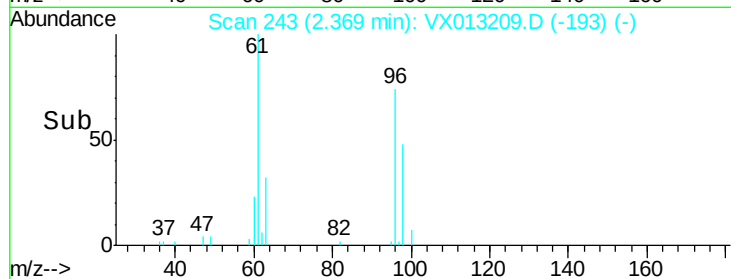
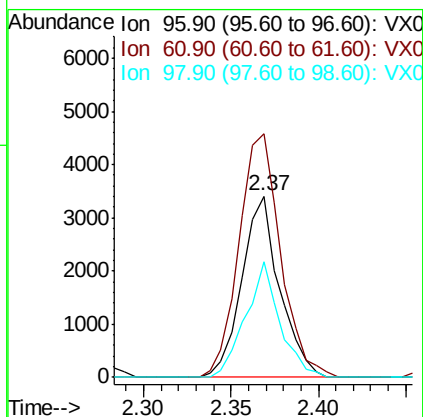
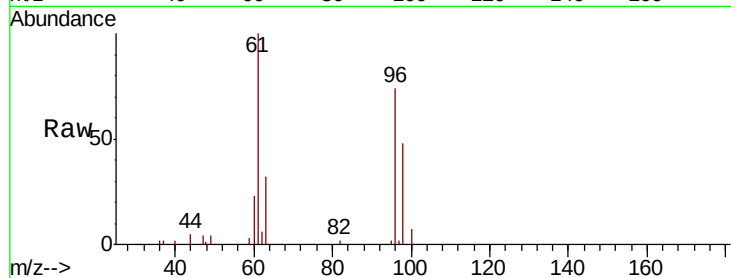




#12
 1,1-Dichloroethene
 Concen: 3.701 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX013209.D
 Acq: 24 Oct 2019 14:19

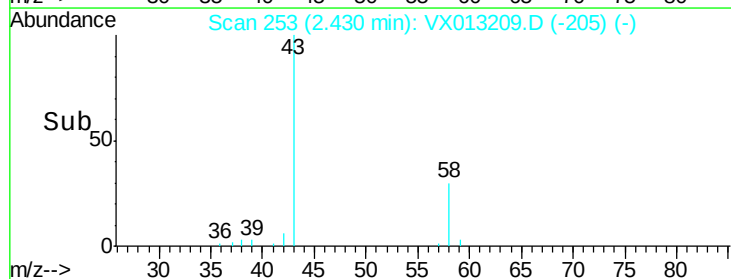
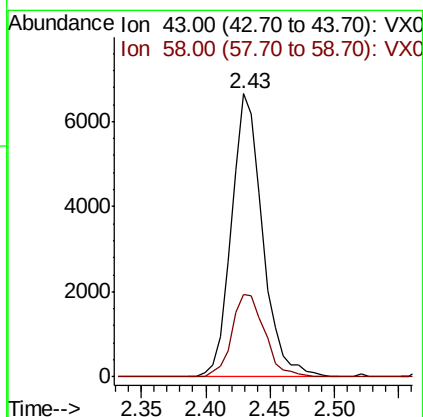
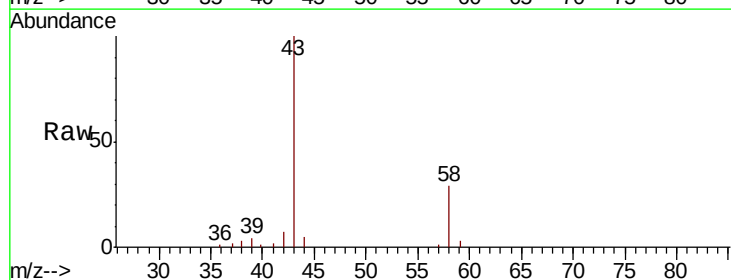
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0670

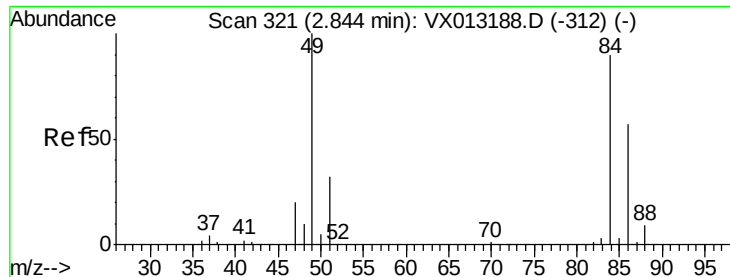
Tot Ion: 96 Resp: 5116
 Ion Ratio Lower Upper
 96 100
 61 134.5 123.8 185.8
 98 64.1 51.6 77.4



#16
 Acetone
 Concen: 13.978 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX013209.D
 Acq: 24 Oct 2019 14:19

Tgt Ion: 43 Resp: 11176
 Ion Ratio Lower Upper
 43 100
 58 29.2 23.8 35.6

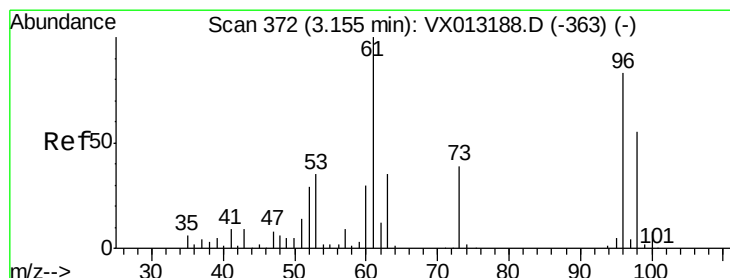
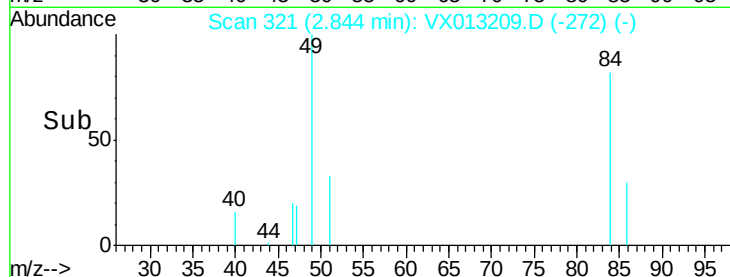
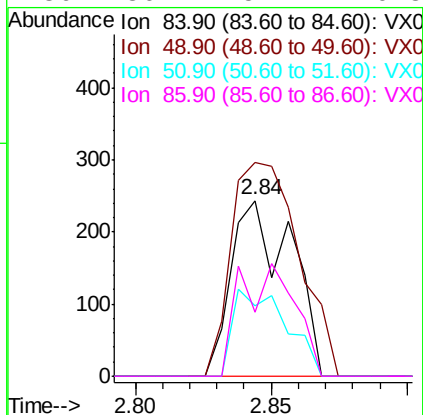
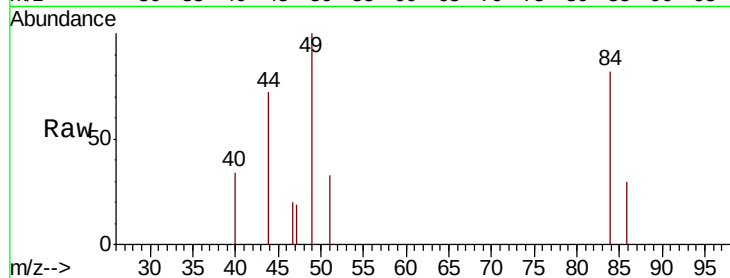




#20
Methylene Chloride
Concen: 0.535 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013209.D
Acq: 24 Oct 2019 14:19

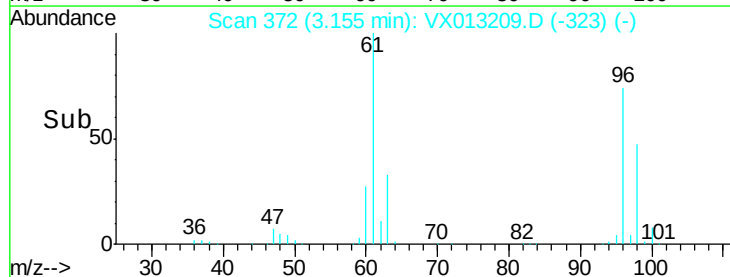
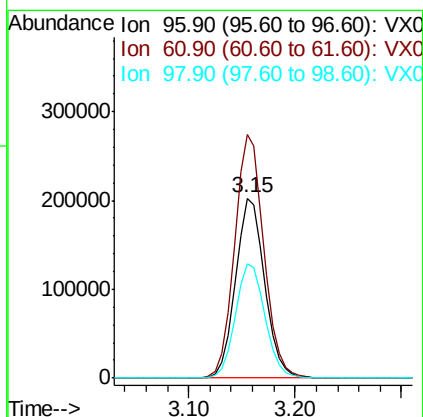
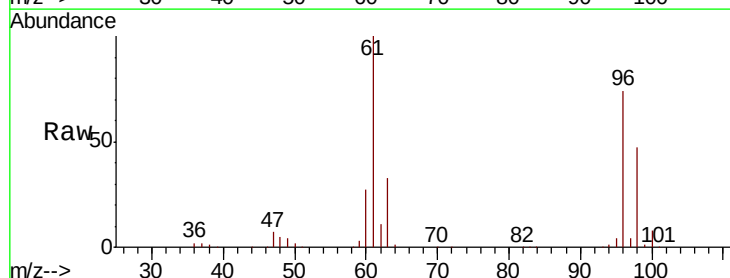
Instrument :
MSVOA_X
ClientSampled :
S32-0670

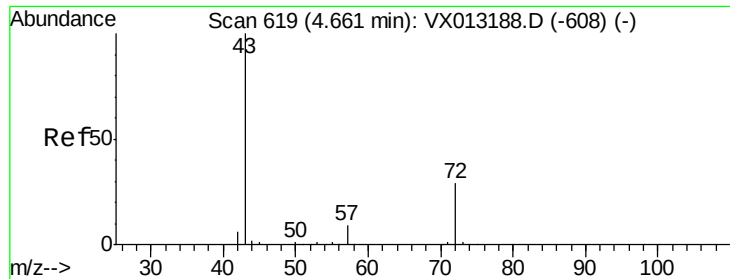
Tot Ion: 84 Resp: 371
Ion Ratio Lower Upper
84 100
49 121.3 89.2 133.8
51 40.2 28.8 43.2
86 36.1 51.2 76.8#



#21
trans-1,2-Dichloroethene
Concen: 268.676 ug/l
RT: 3.15 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX013209.D
Acq: 24 Oct 2019 14:19

Tgt Ion: 96 Resp: 389419
Ion Ratio Lower Upper
96 100
61 135.2 96.9 145.3
98 63.9 53.0 79.4





#25

2-Butanone

Concen: 2.167 ug/l

RT: 4.68 min Scan# 622

Delta R.T. 0.02 min

Lab File: VX013209.D

Acq: 24 Oct 2019 14:19

Instrument :

MSVOA_X

ClientSampled :

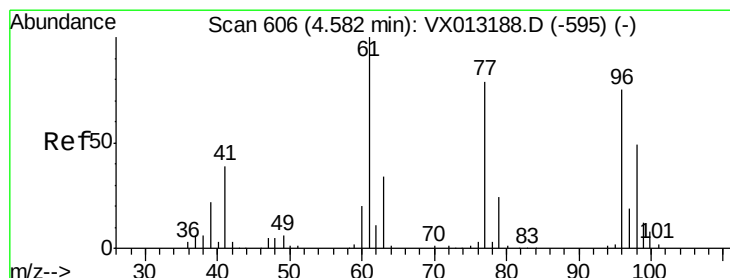
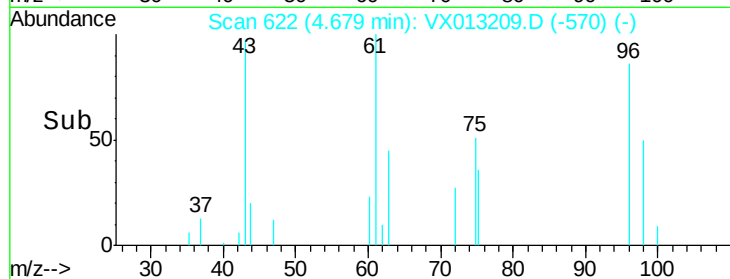
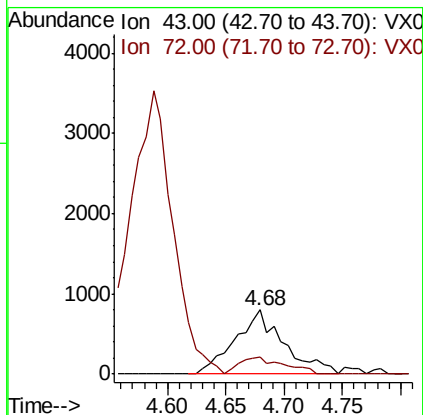
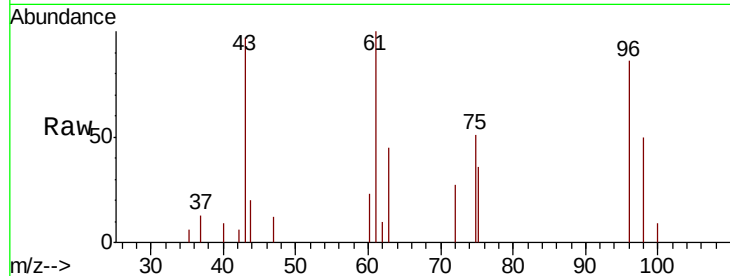
S32-0670

Tot Ion: 43 Resp: 2324

Ion Ratio Lower Upper

43 100

72 27.4 23.4 35.2



#27

cis-1,2-Dichloroethene

Concen: 593.116 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013209.D

Acq: 24 Oct 2019 14:19

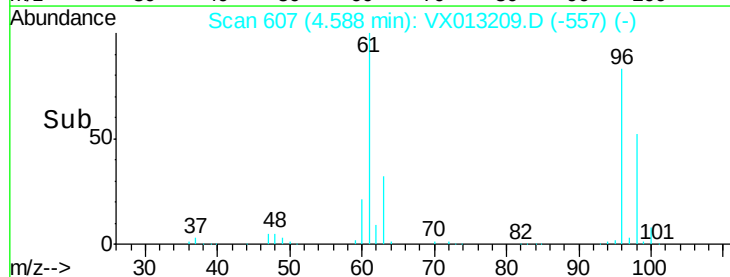
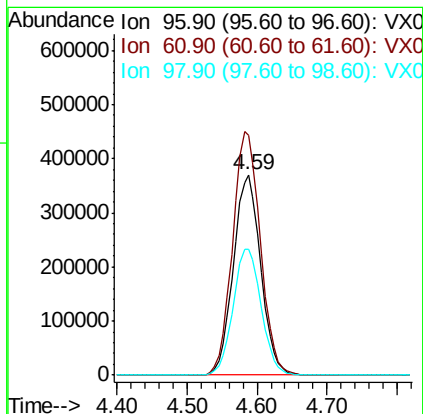
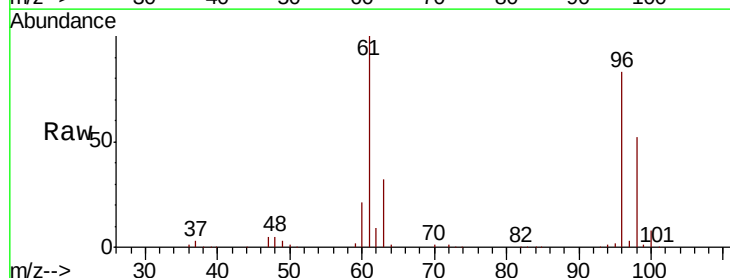
Tgt Ion: 96 Resp: 1004008

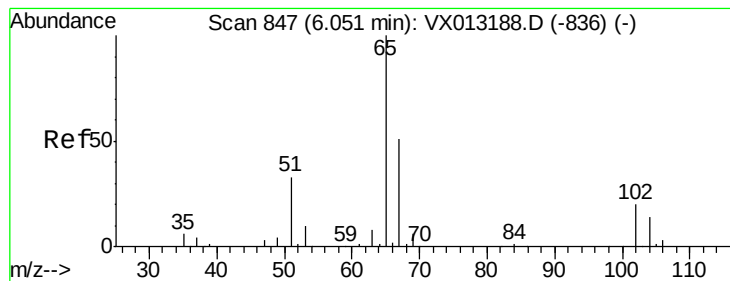
Ion Ratio Lower Upper

96 100

61 123.7 0.0 290.4

98 64.5 0.0 130.4





#33

1,2-Dichloroethane-d4

Concen: 52.294 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013209.D

Acq: 24 Oct 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

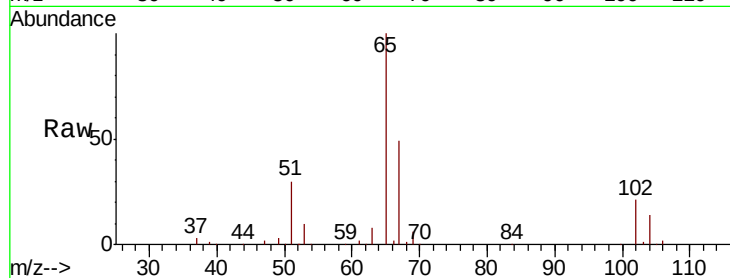
S32-0670

Tot Ion: 65 Resp: 88746

Ion Ratio Lower Upper

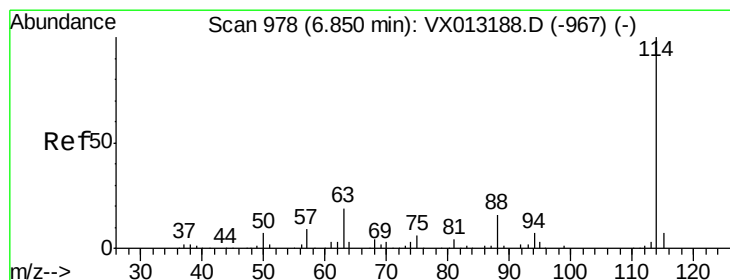
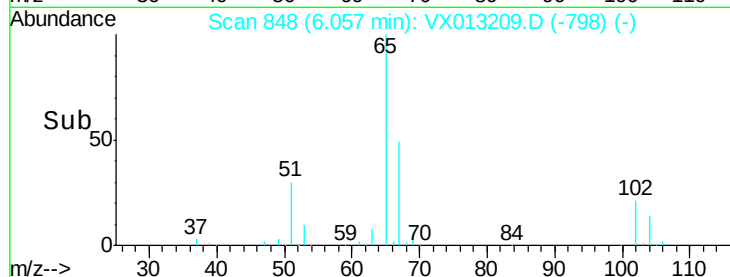
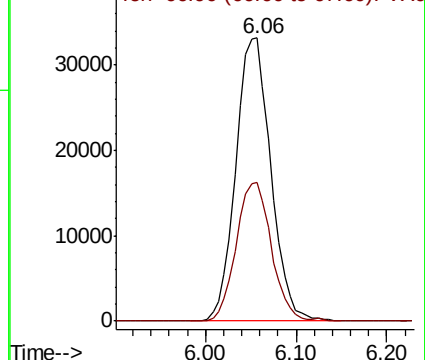
65 100

67 49.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013209.D

Acq: 24 Oct 2019 14:19

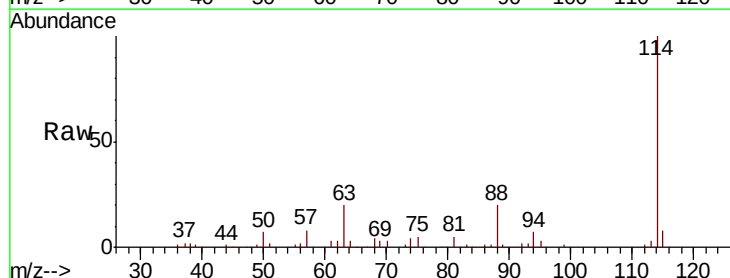
Tgt Ion: 114 Resp: 117443

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

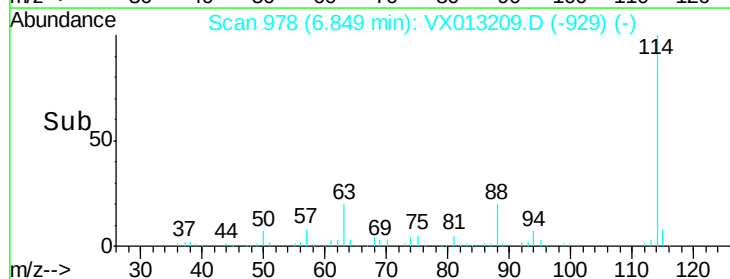
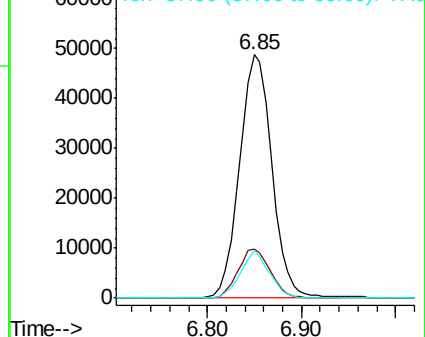
88 19.7 0.0 32.0

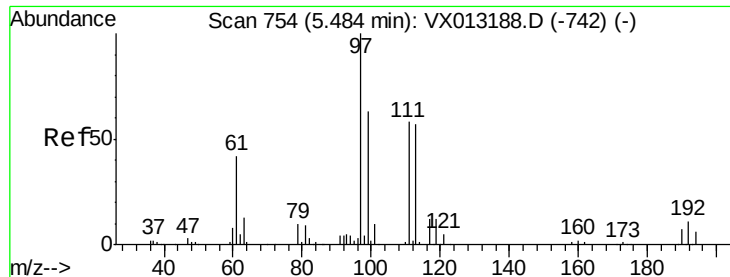


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.114 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013209.D

Acq: 24 Oct 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

S32-0670

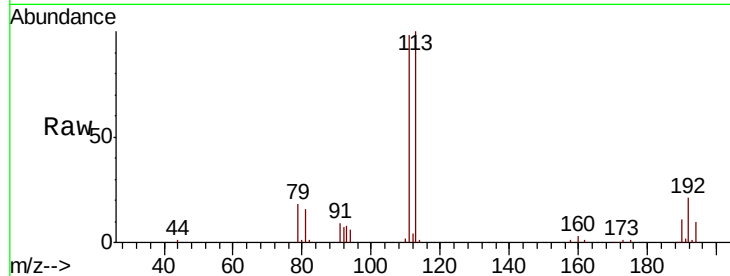
Tot Ion:113 Resp: 68251

Ion Ratio Lower Upper

113 100

111 101.7 80.3 120.5

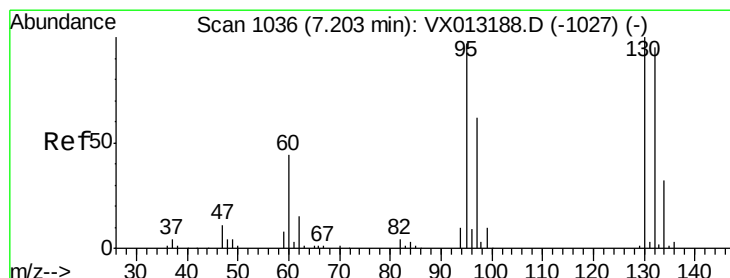
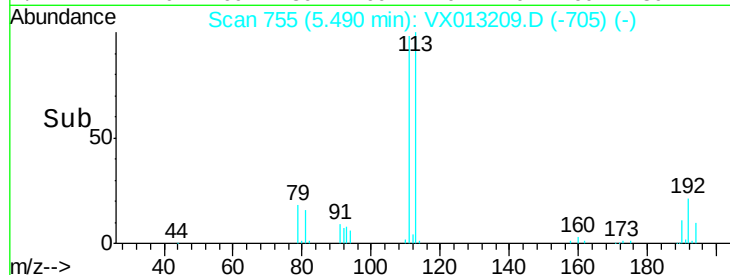
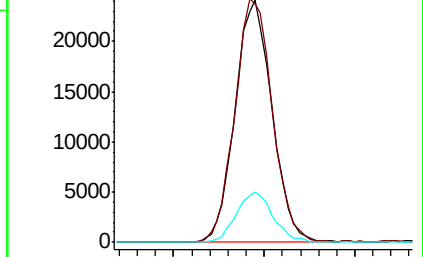
192 20.7 15.9 23.9



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



#44

Trichloroethene

Concen: 1388.649 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013209.D

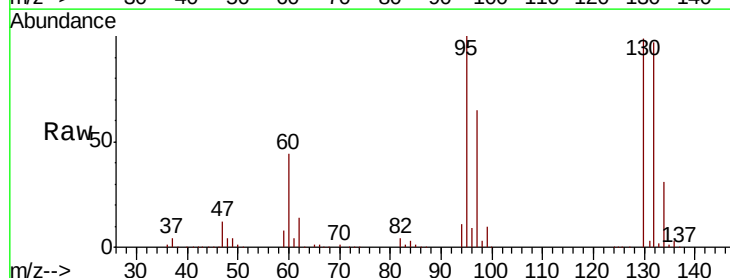
Acq: 24 Oct 2019 14:19

Tgt Ion:130 Resp: 2324910

Ion Ratio Lower Upper

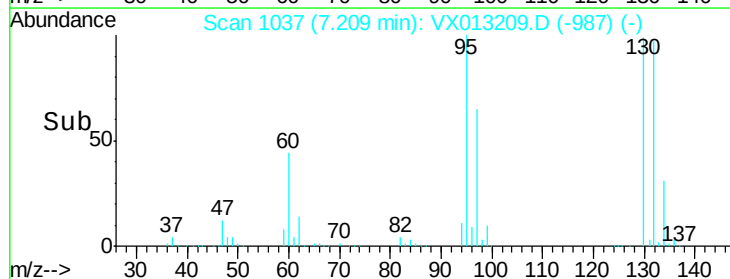
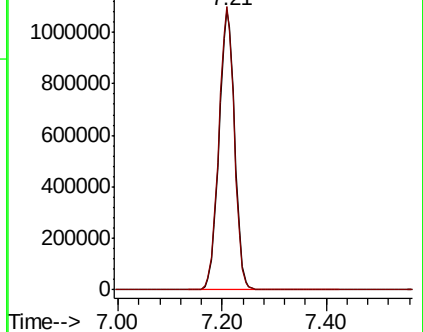
130 100

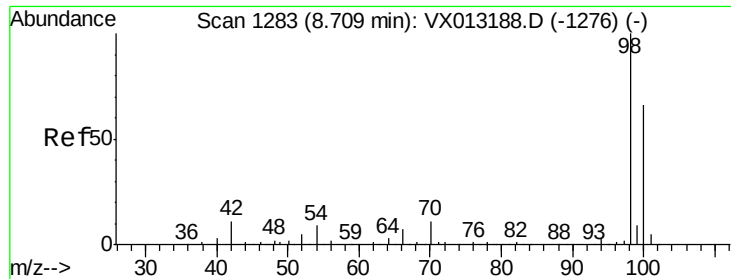
95 101.4 0.0 193.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

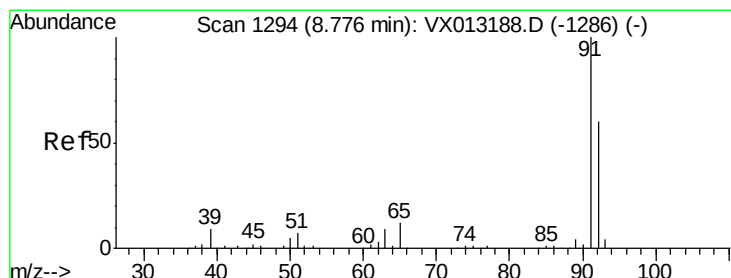
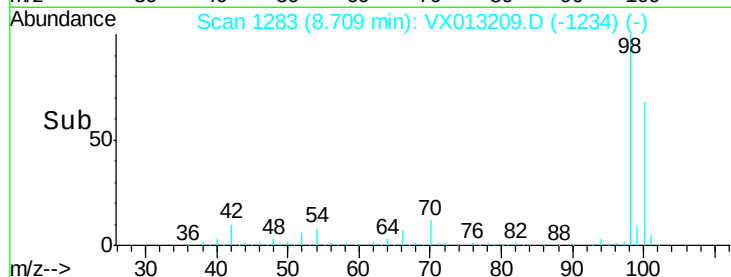
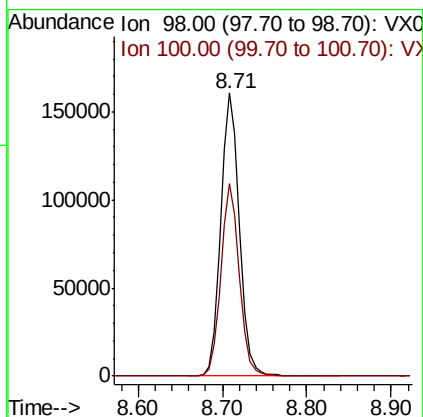
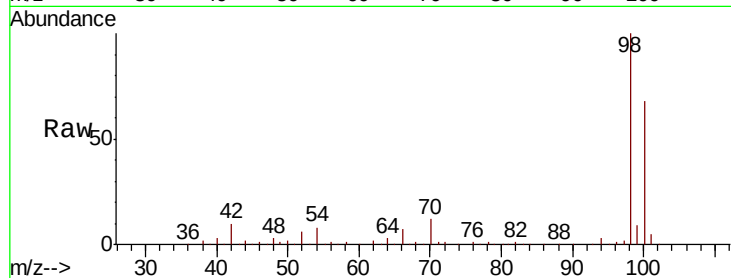




#50
Toluene-d8
Concen: 50.721 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013209.D
Acq: 24 Oct 2019 14:19

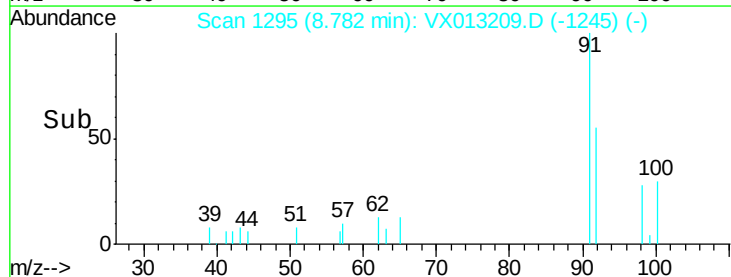
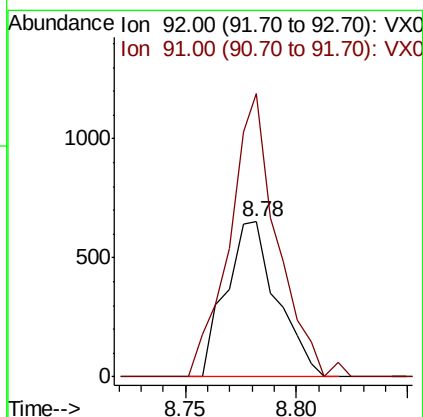
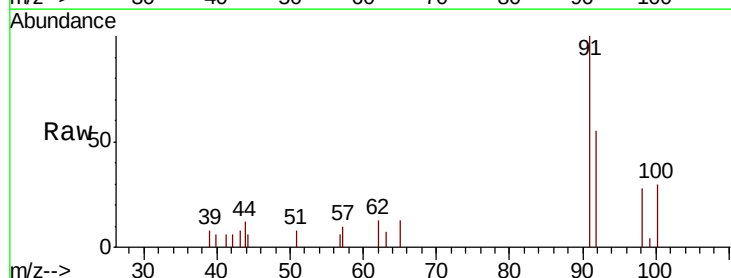
Instrument :
MSVOA_X
ClientSampleId :
S32-0670

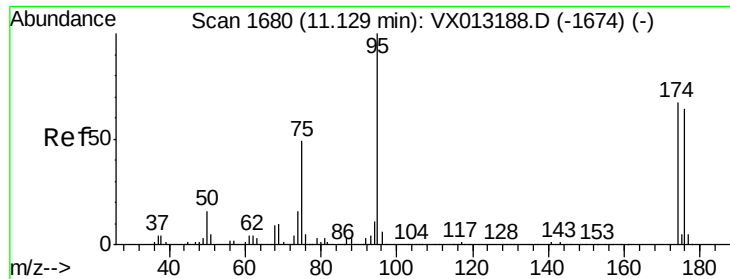
Tot Ion: 98 Resp: 246170
Ion Ratio Lower Upper
98 100
100 67.2 53.3 79.9



#52
Toluene
Concen: 0.265 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX013209.D
Acq: 24 Oct 2019 14:19

Tgt Ion: 92 Resp: 1037
Ion Ratio Lower Upper
92 100
91 171.0 133.9 200.9

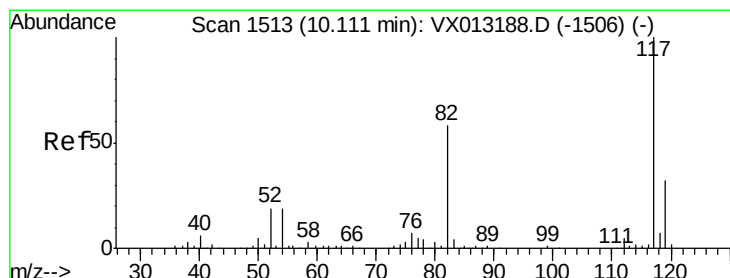
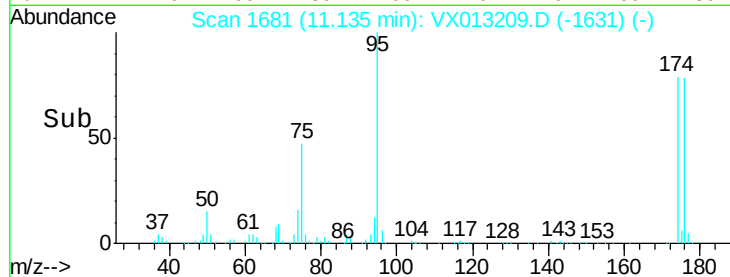
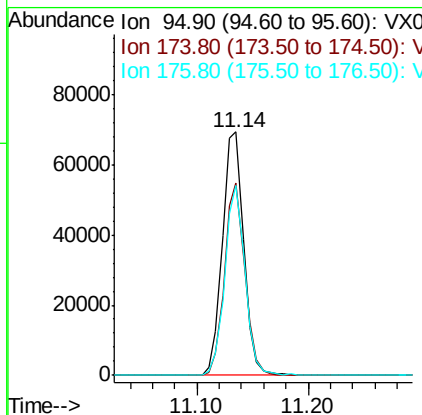
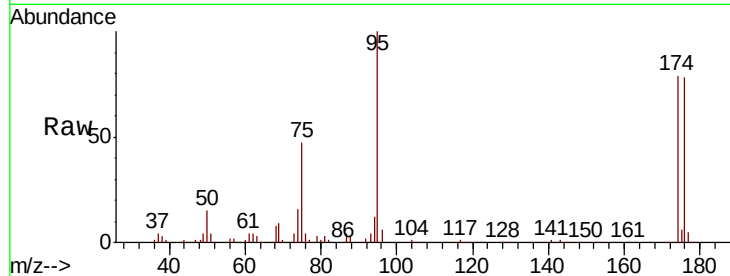




#62
 4-Bromofluorobenzene
 Concen: 47.943 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: VX013209.D
 Acq: 24 Oct 2019 14:19

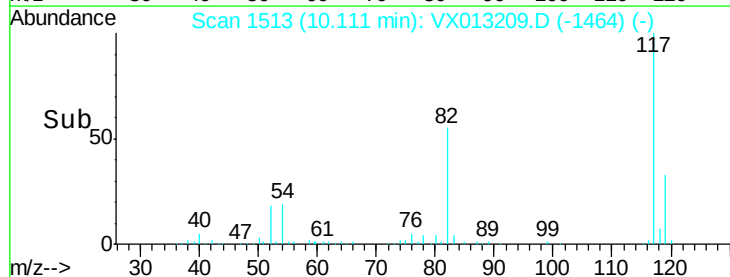
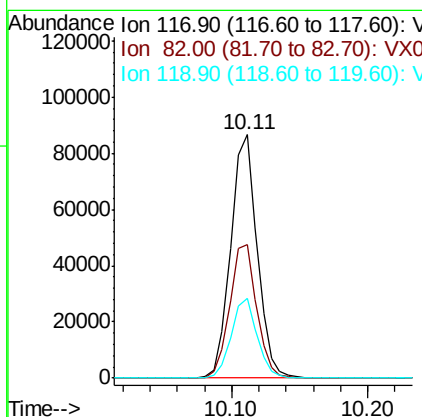
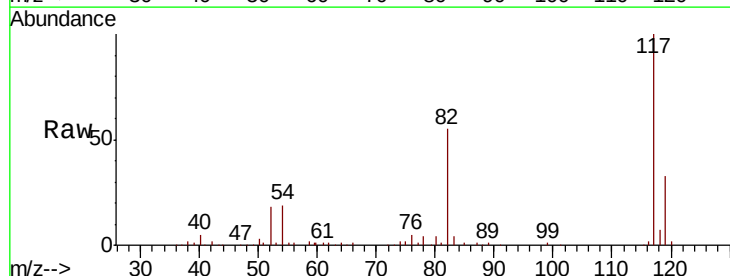
Instrument :
 MSVOA_X
 ClientSampled :
 S32-0670

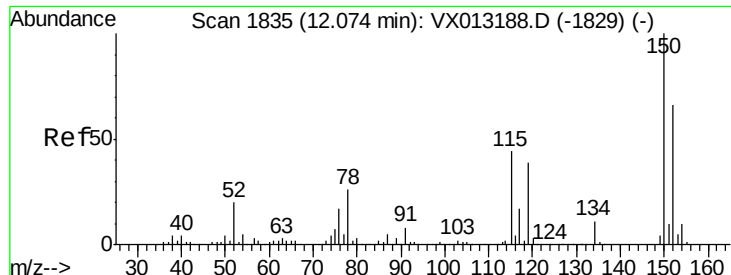
Tot Ion: 95 Resp: 92099
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 152.4
 176 73.8 0.0 146.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VX013209.D
 Acq: 24 Oct 2019 14:19

Tgt Ion: 117 Resp: 117391
 Ion Ratio Lower Upper
 117 100
 82 55.1 46.5 69.7
 119 32.7 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013209.D

Acq: 24 Oct 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

S32-0670

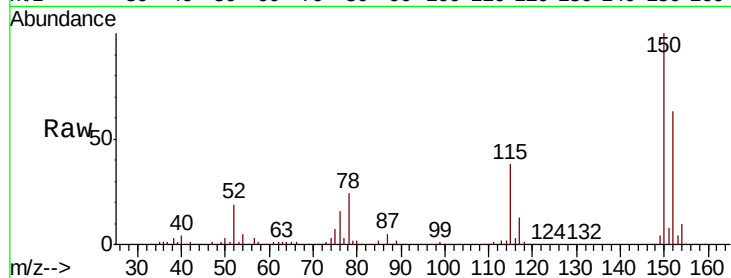
Tot Ion:152 Resp: 74382

Ion Ratio Lower Upper

152 100

115 62.6 46.6 139.8

150 154.5 0.0 354.0



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

