

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
 Data File : VX013212.D
 Acq On : 24 Oct 2019 15:29
 Operator : JC/SP
 Sample : K5532-01DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0670DL

Quant Time: Oct 25 04:42:21 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

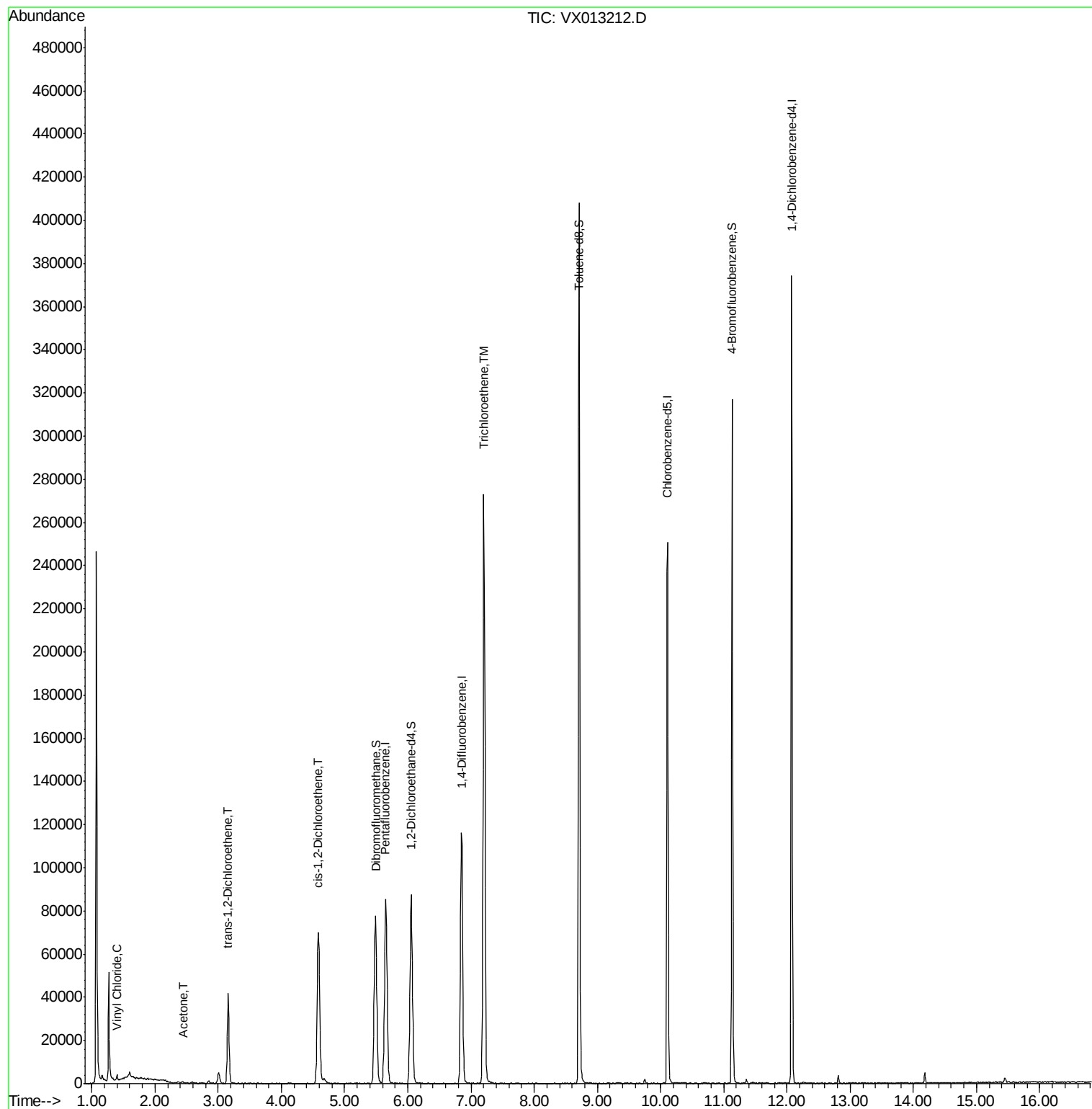
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	81019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	119502	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	116649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	73563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	87297	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
35) Dibromofluoromethane	5.49	113	66797	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
50) Toluene-d8	8.71	98	241675	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
62) 4-Bromofluorobenzene	11.14	95	88847	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.90%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	1328	0.903	ug/l #	81
16) Acetone	2.44	43	914	1.145	ug/l #	69
21) trans-1,2-Dichloroethene	3.16	96	18003	12.893	ug/l	90
27) cis-1,2-Dichloroethene	4.59	96	45066	26.662	ug/l	88
44) Trichloroethene	7.21	130	107972	63.380	ug/l	100

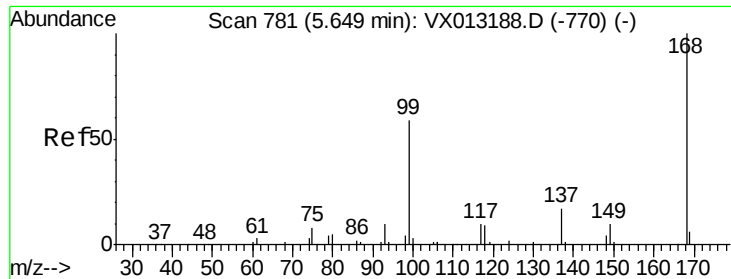
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013212.D

Acq: 24 Oct 2019 15:29

Instrument :

MSVOA_X

ClientSampleID :

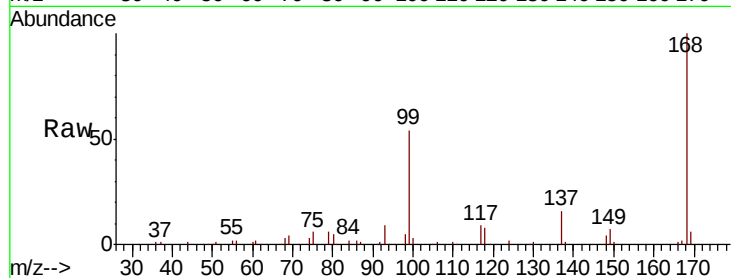
S32-0670DL

Tot Ion:168 Resp: 81019

Ion Ratio Lower Upper

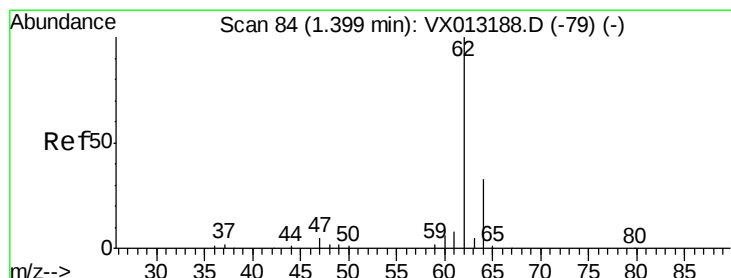
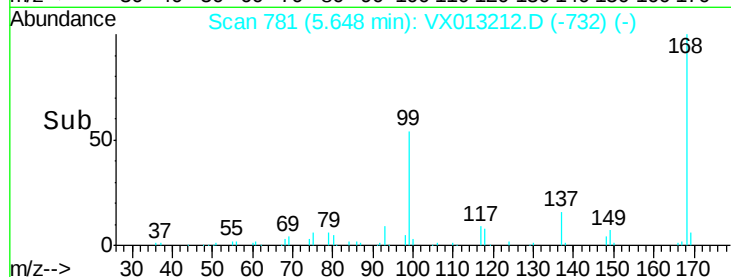
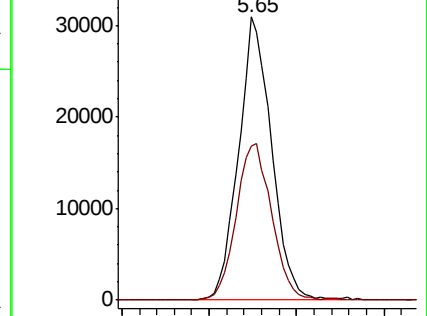
168 100

99 54.2 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.903 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013212.D

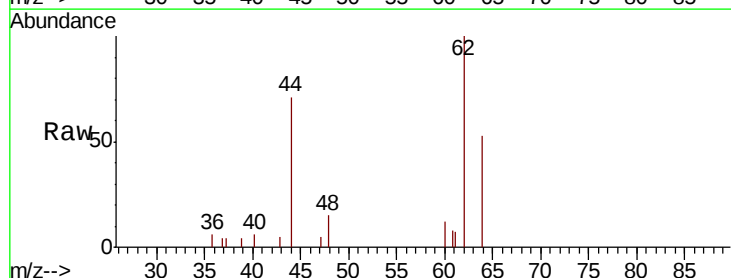
Acq: 24 Oct 2019 15:29

Tgt Ion: 62 Resp: 1328

Ion Ratio Lower Upper

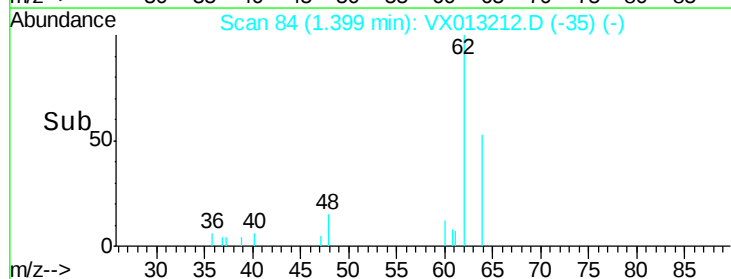
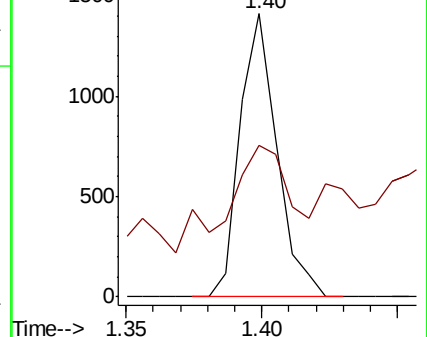
62 100

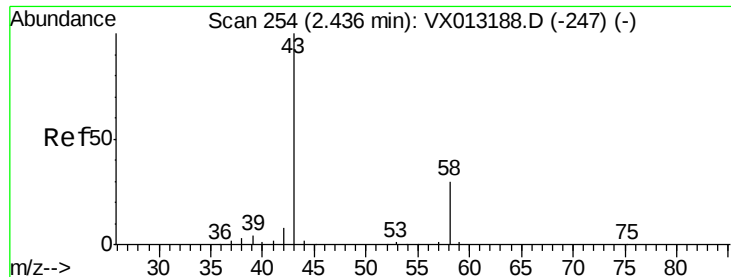
64 22.5 26.4 39.6#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 1.145 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013212.D

Acq: 24 Oct 2019 15:29

Instrument :

MSVOA_X

ClientSampled :

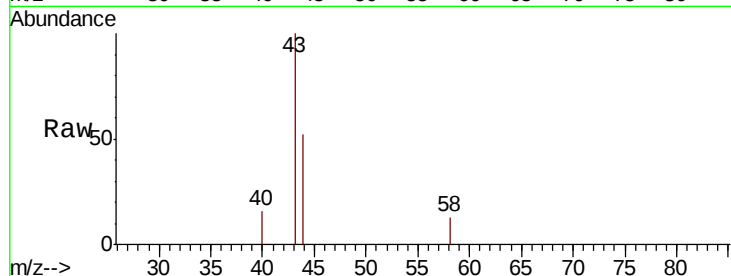
S32-0670DL

Tot Ion: 43 Resp: 914

Ion Ratio Lower Upper

43 100

58 12.9 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

400

300

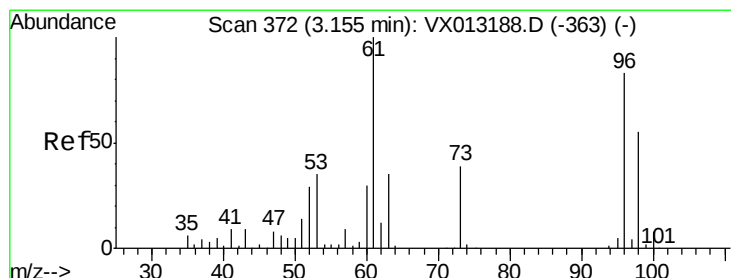
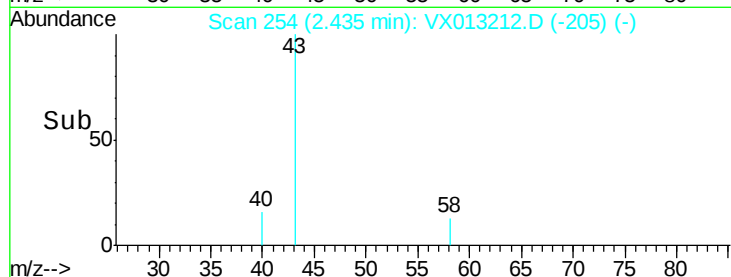
200

100

0

2.40 2.45 2.50

Time-->



#21

trans-1,2-Dichloroethene

Concen: 12.893 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX013212.D

Acq: 24 Oct 2019 15:29

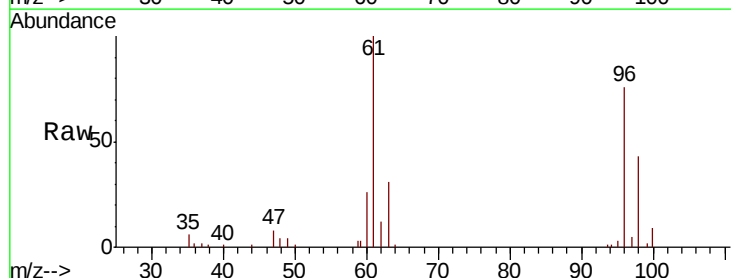
Tgt Ion: 96 Resp: 18003

Ion Ratio Lower Upper

96 100

61 130.9 96.9 145.3

98 56.7 53.0 79.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

15000

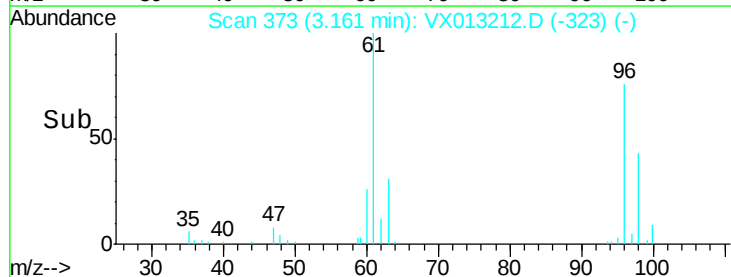
10000

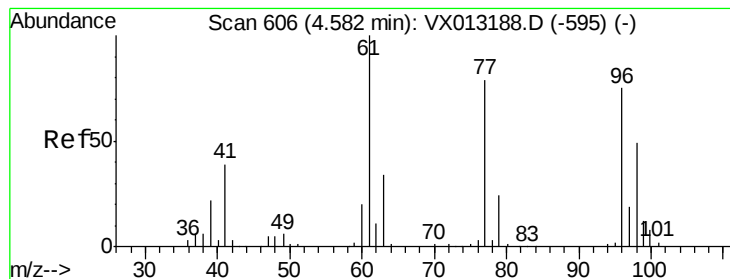
5000

0

3.05 3.10 3.15 3.20 3.25

Time-->



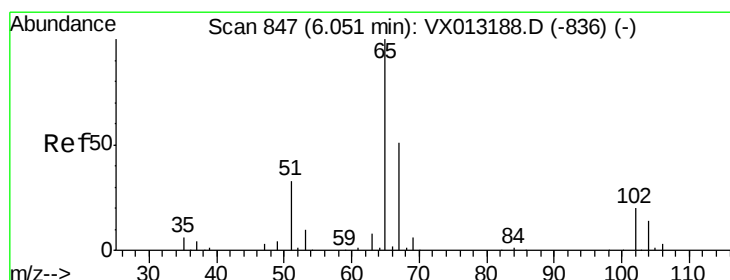
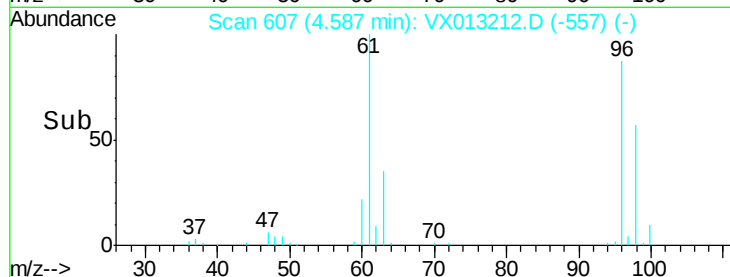
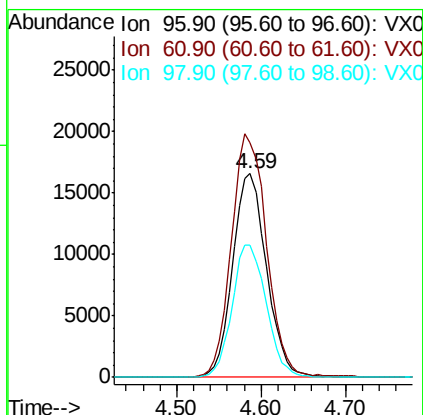
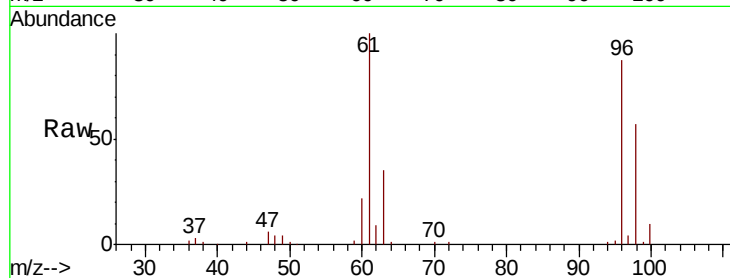


#27

cis-1,2-Dichloroethene
 Concen: 26.662 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX013212.D
 Acq: 24 Oct 2019 15:29

Instrument :
 MSVOA_X
 ClientSampled :
 S32-0670DL

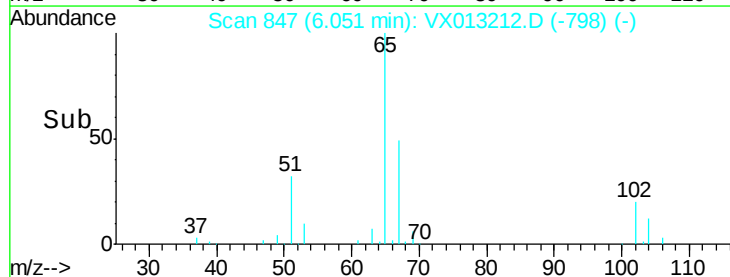
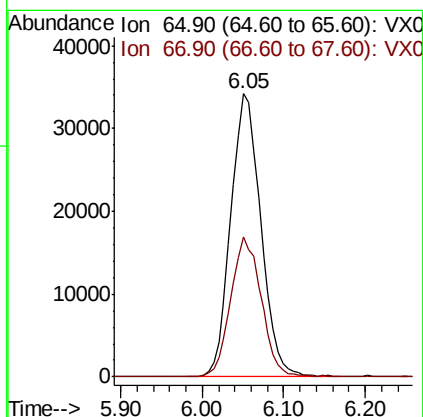
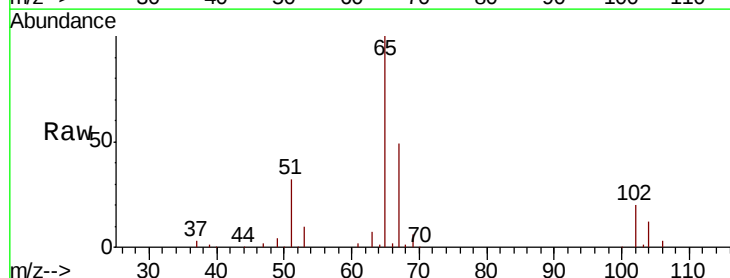
Tot Ion: 96 Resp: 45066
 Ion Ratio Lower Upper
 96 100
 61 124.5 0.0 290.4
 98 65.5 0.0 130.4

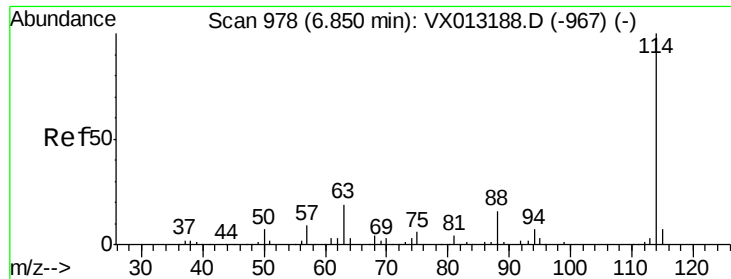


#33

1,2-Dichloroethane-d4
 Concen: 51.516 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013212.D
 Acq: 24 Oct 2019 15:29

Tgt Ion: 65 Resp: 87297
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 102.6

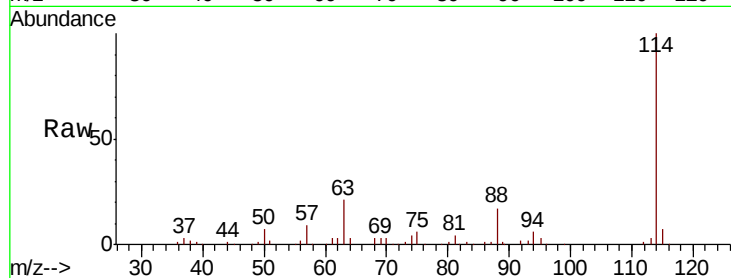




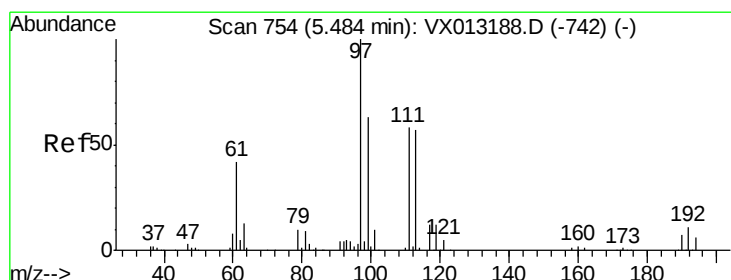
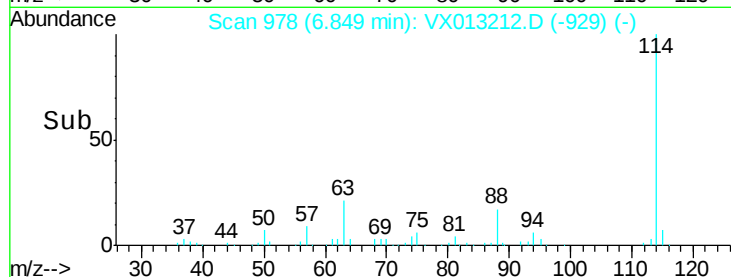
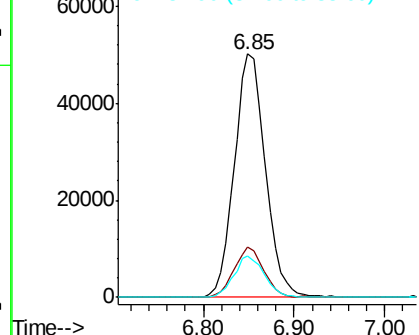
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013212.D
 Acq: 24 Oct 2019 15:29

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0670DL

Tot Ion:114 Resp: 119502
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.0
 88 17.2 0.0 32.0

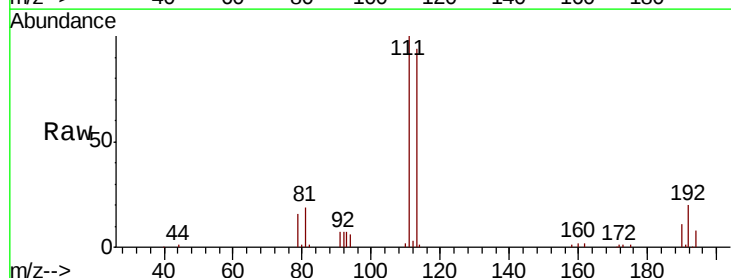


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

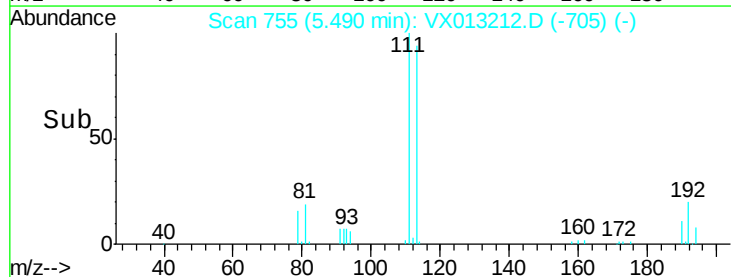
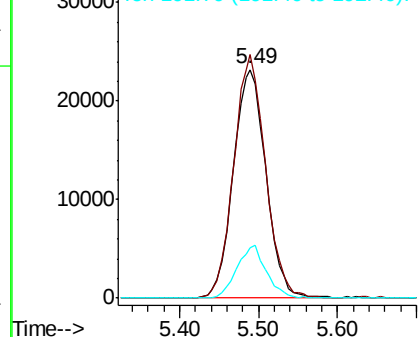


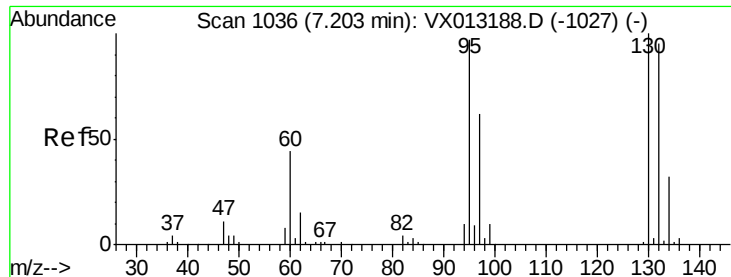
#35
 Dibromofluoromethane
 Concen: 50.125 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX013212.D
 Acq: 24 Oct 2019 15:29

Tgt Ion:113 Resp: 66797
 Ion Ratio Lower Upper
 113 100
 111 103.3 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: 63.380 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013212.D

Acq: 24 Oct 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

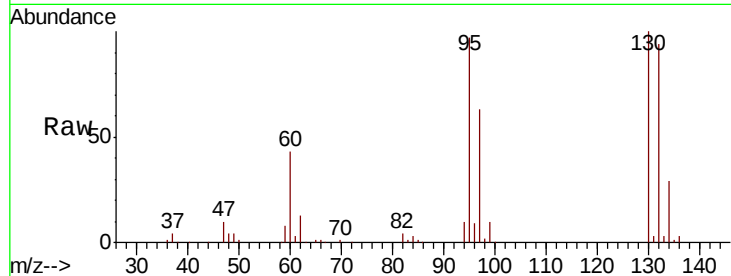
S32-0670DL

Tot Ion:130 Resp: 107972

Ion Ratio Lower Upper

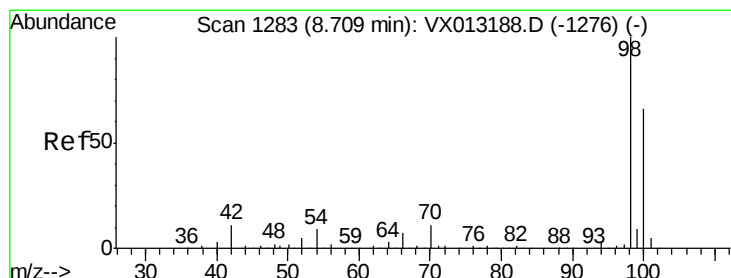
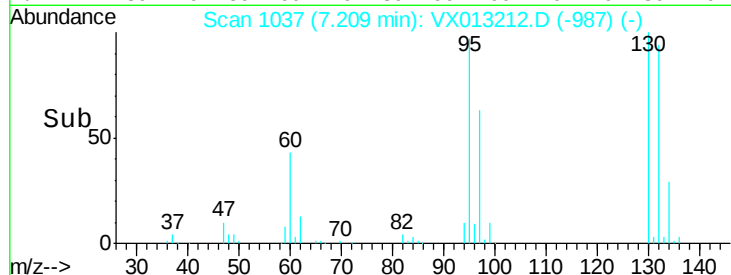
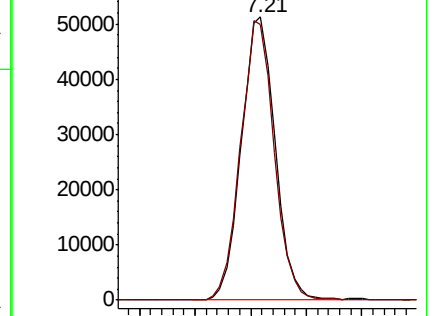
130 100

95 97.2 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: 48.936 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013212.D

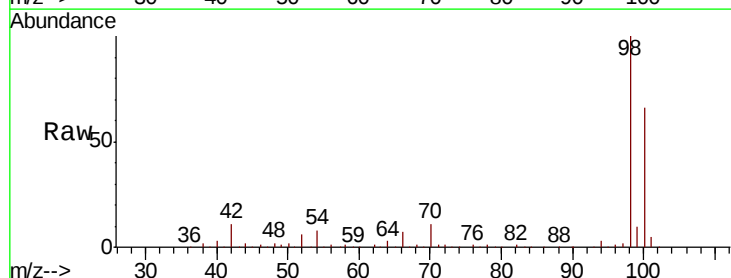
Acq: 24 Oct 2019 15:29

Tgt Ion: 98 Resp: 241675

Ion Ratio Lower Upper

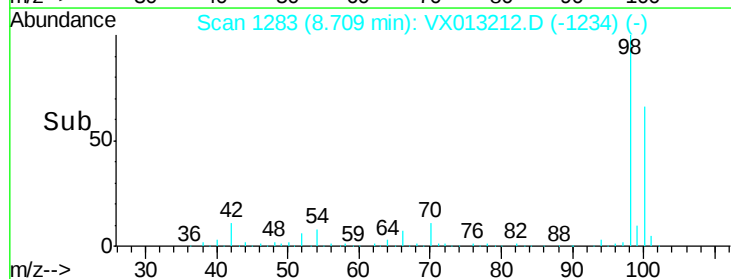
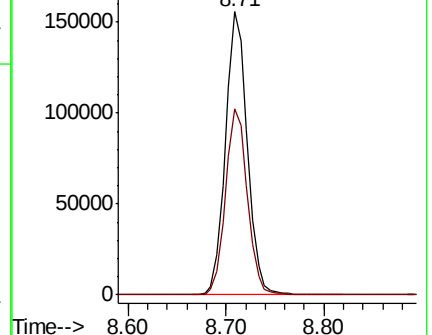
98 100

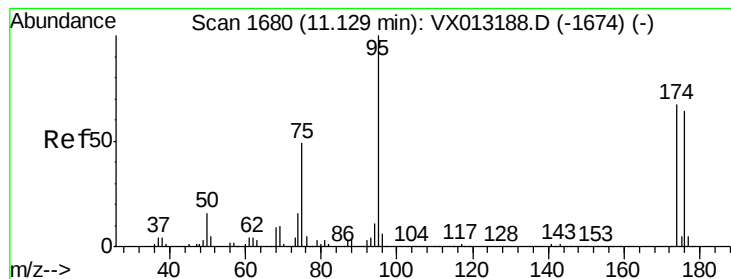
100 65.9 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.453 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013212.D

Acq: 24 Oct 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

S32-0670DL

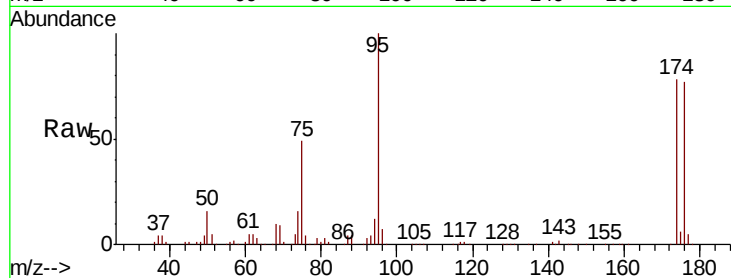
Tot Ion: 95 Resp: 88847

Ion Ratio Lower Upper

95 100

174 74.9 0.0 152.4

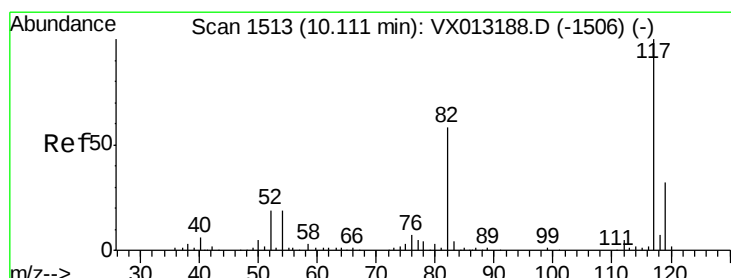
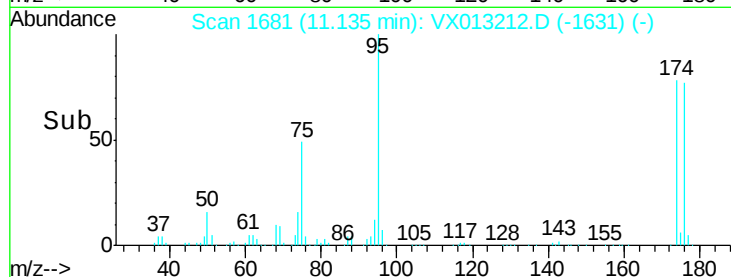
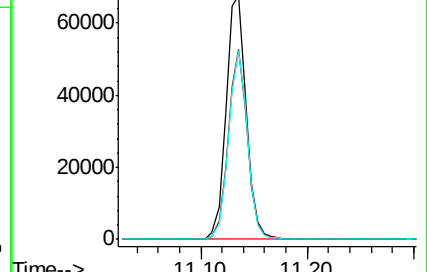
176 73.3 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VX013212.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX013212.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX013212.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013212.D

Acq: 24 Oct 2019 15:29

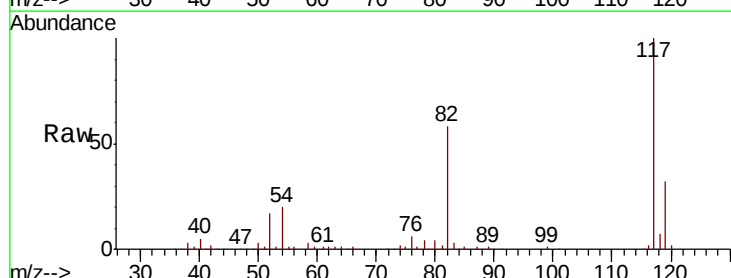
Tgt Ion: 117 Resp: 116649

Ion Ratio Lower Upper

117 100

82 57.9 46.5 69.7

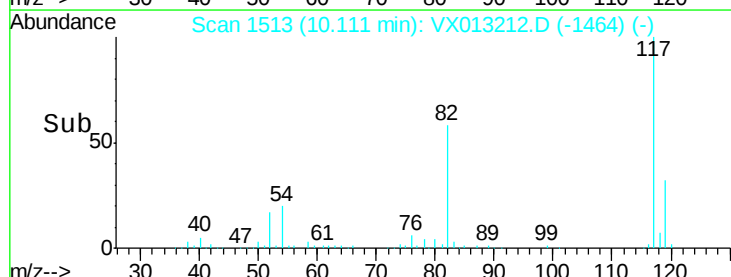
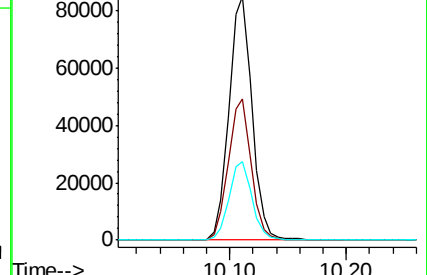
119 32.4 25.2 37.8

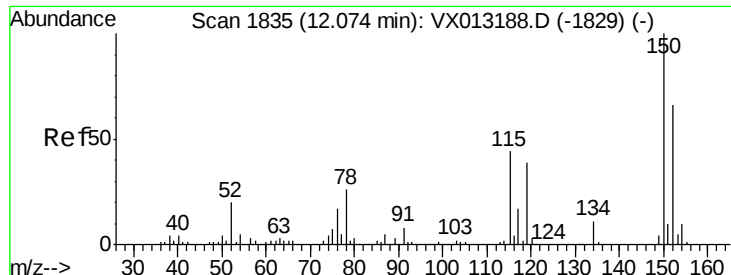


Abundance Ion 116.90 (116.60 to 117.60): VX013212.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX013212.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX013212.D (-1464) (-)

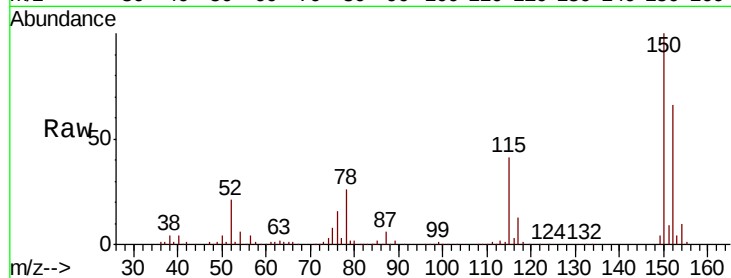




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX013212.D
 Acq: 24 Oct 2019 15:29

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0670DL

Tot Ion:152 Resp: 73563
 Ion Ratio Lower Upper
 152 100
 115 62.3 46.6 139.8
 150 152.1 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

