

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092419\
 Data File : VX012629.D
 Acq On : 24 Sep 2019 13:46
 Operator : JC/SP
 Sample : K5013-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0522

Quant Time: Sep 25 05:31:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

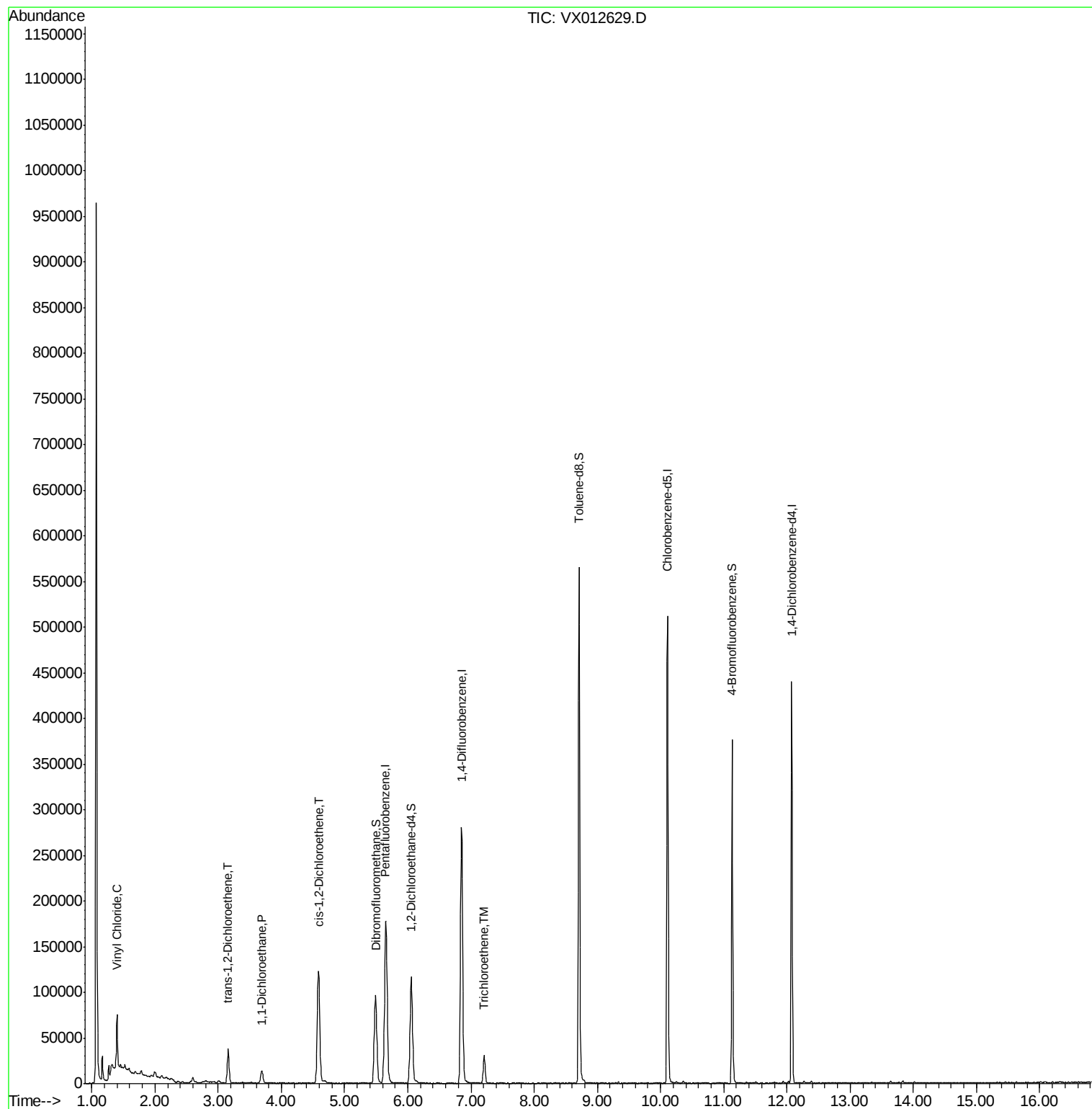
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	157431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	274658	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	80399	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	113374	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
35) Dibromofluoromethane	5.49	113	83474	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
50) Toluene-d8	8.71	98	319620	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	11.14	95	107035	43.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.42%	
Target Compounds						
4) Vinyl Chloride	1.40	62	28768	14.232	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	14646	7.810	ug/l	93
24) 1,1-Dichloroethane	3.69	63	15130	4.289	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	77551	35.641	ug/l	85
44) Trichloroethene	7.21	130	11740	5.896	ug/l	88

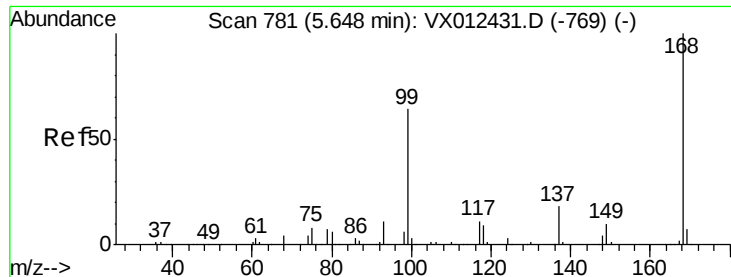
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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S49-0522

Quant Time: Sep 25 05:31:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012629.D

Acq: 24 Sep 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

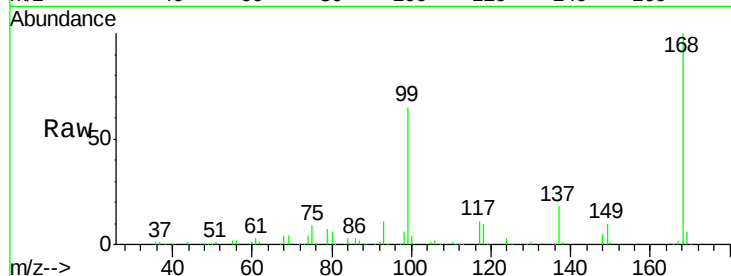
S49-0522

Tot Ion:168 Resp: 157431

Ion Ratio Lower Upper

168 100

99 65.4 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

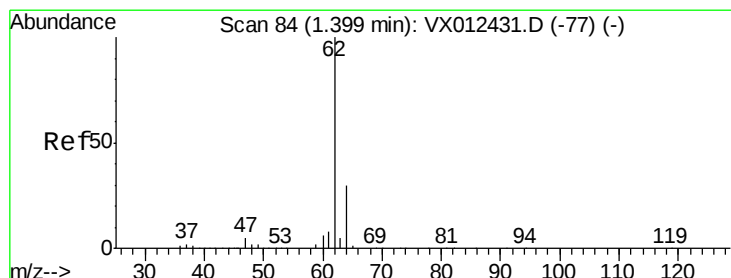
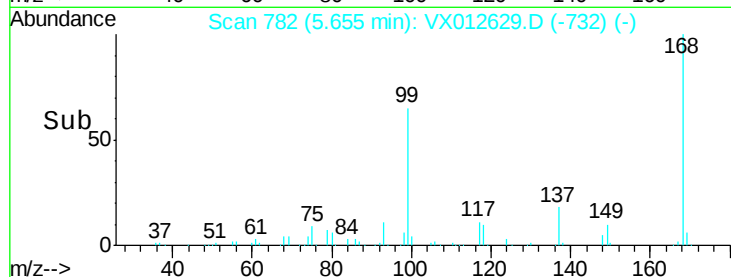
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 14.232 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012629.D

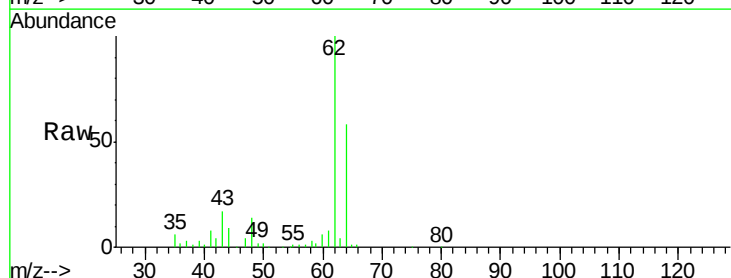
Acq: 24 Sep 2019 13:46

Tgt Ion: 62 Resp: 28768

Ion Ratio Lower Upper

62 100

64 33.0 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

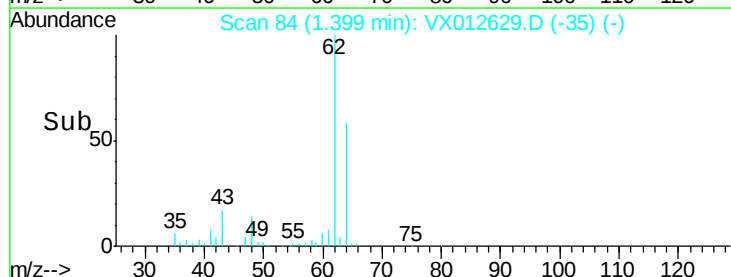
30000

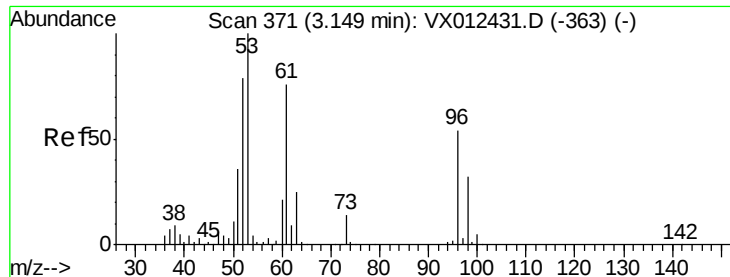
20000

10000

0

Time--> 1.35 1.40 1.45 1.50





#21

trans-1,2-Dichloroethene

Concen: 7.810 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012629.D

Acq: 24 Sep 2019 13:46

Instrument :

MSVOA_X

ClientSampled :

S49-0522

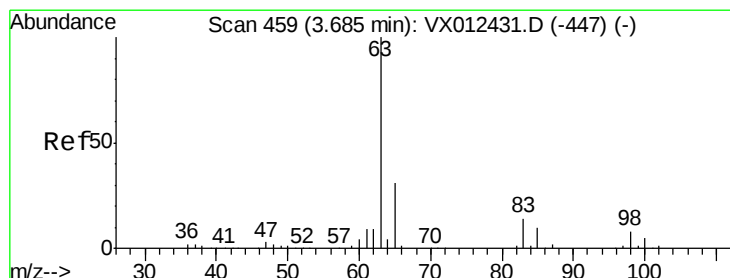
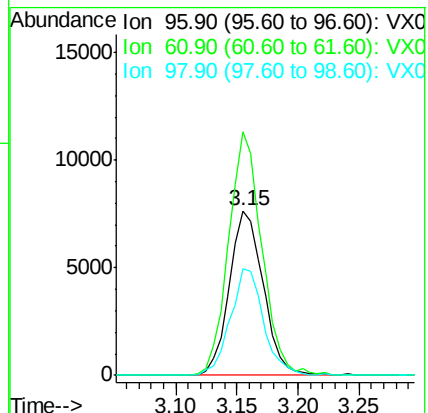
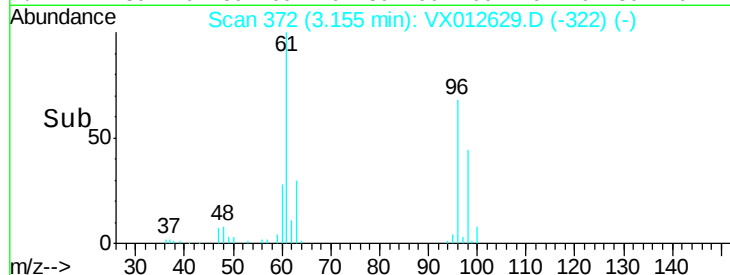
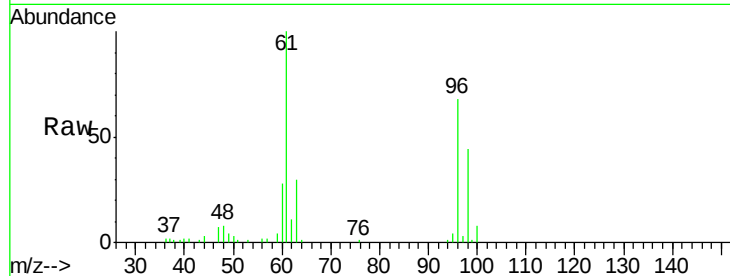
Tot Ion: 96 Resp: 14646

Ion Ratio Lower Upper

96 100

61 148.1 112.0 168.0

98 65.3 47.8 71.8



#24

1,1-Dichloroethane

Concen: 4.289 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX012629.D

Acq: 24 Sep 2019 13:46

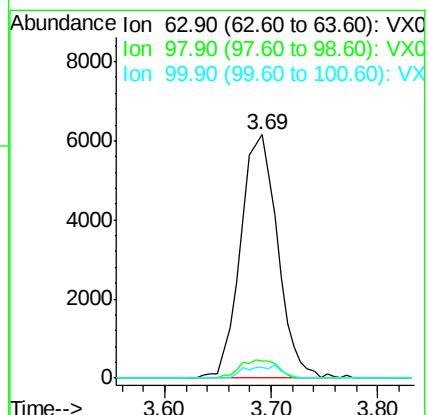
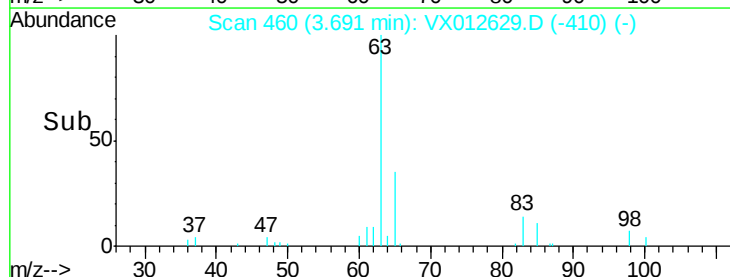
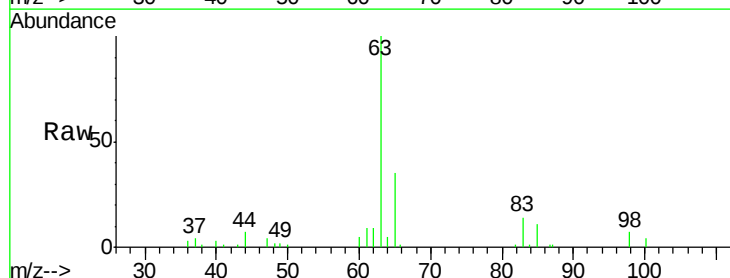
Tgt Ion: 63 Resp: 15130

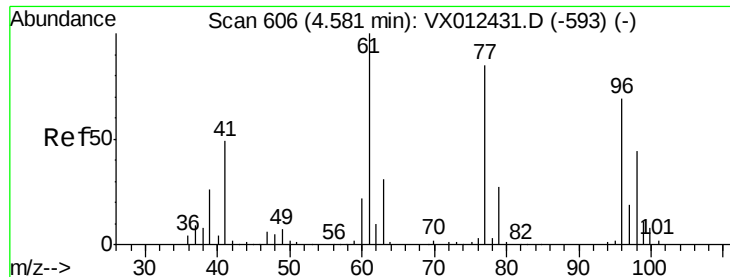
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.7

100 4.5 2.3 6.9



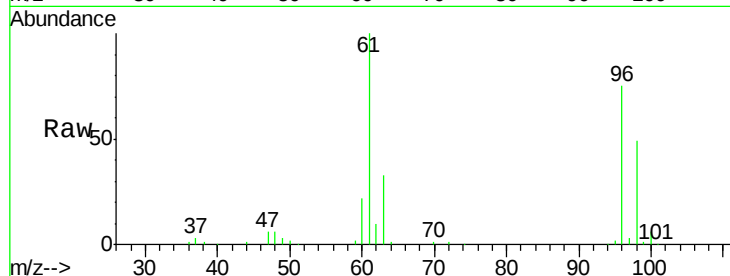


#27

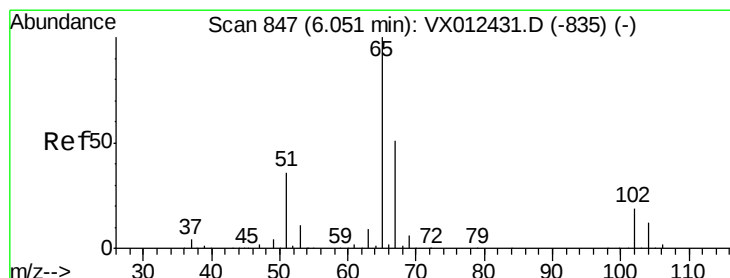
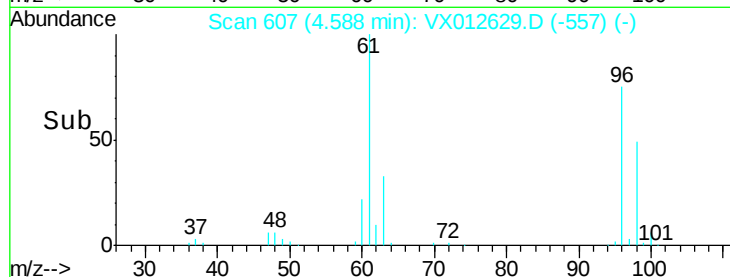
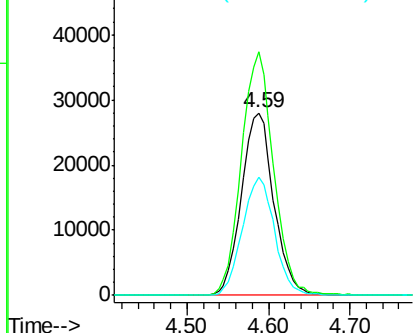
cis-1,2-Dichloroethene
 Concen: 35.641 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012629.D
 Acq: 24 Sep 2019 13:46

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0522

Tot Ion: 96 Resp: 77551
 Ion Ratio Lower Upper
 96 100
 61 132.4 0.0 319.4
 98 64.3 0.0 130.6



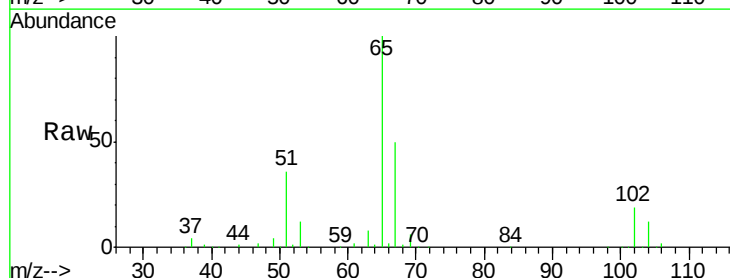
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



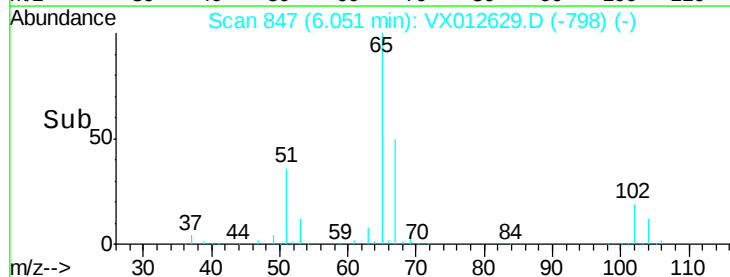
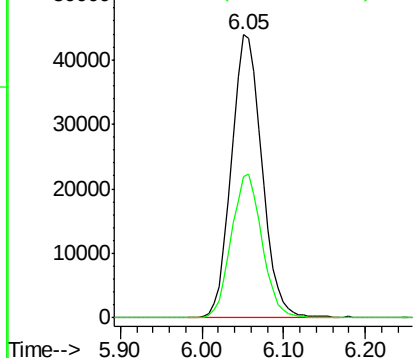
#33

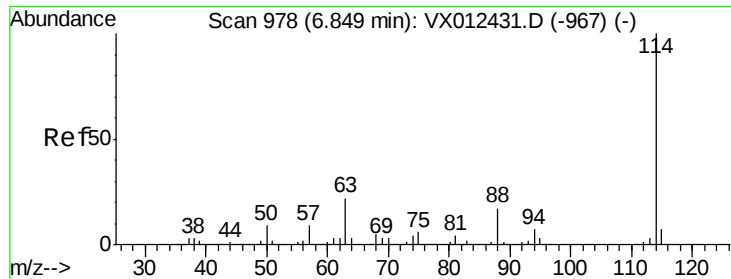
1,2-Dichloroethane-d4
 Concen: 49.454 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012629.D
 Acq: 24 Sep 2019 13:46

Tgt Ion: 65 Resp: 113374
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

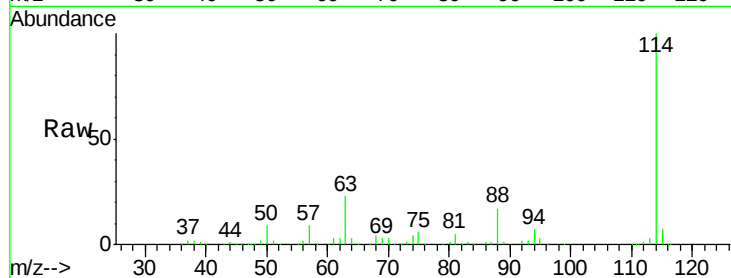




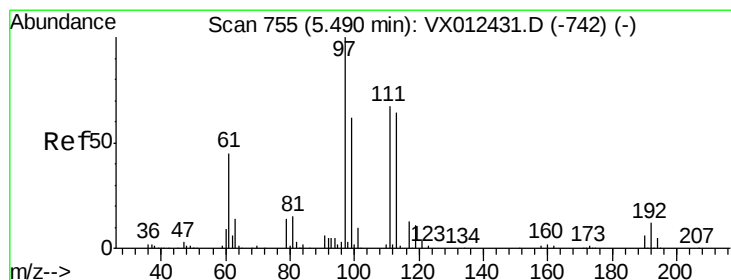
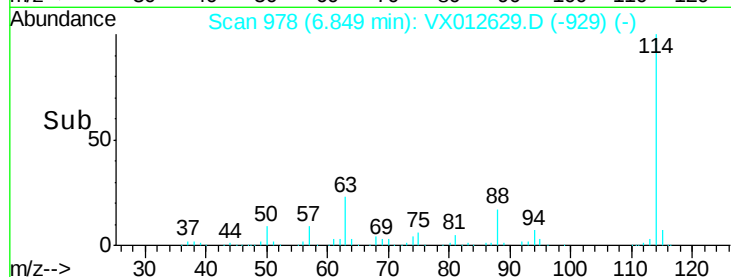
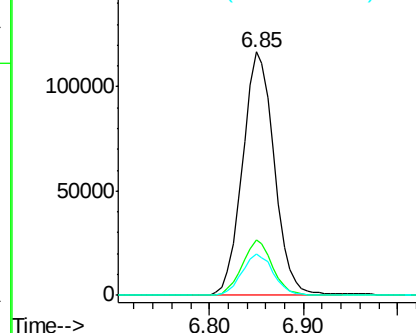
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012629.D
 Acq: 24 Sep 2019 13:46

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0522

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	43.2
88	17.2	0.0	33.2

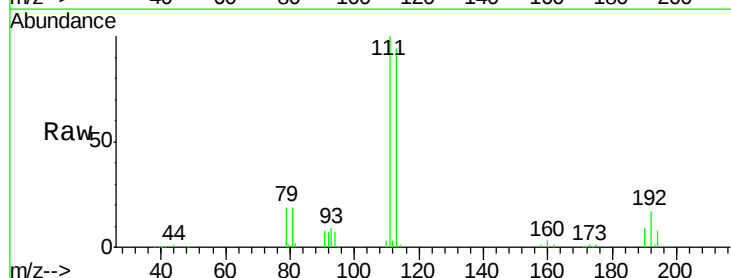


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

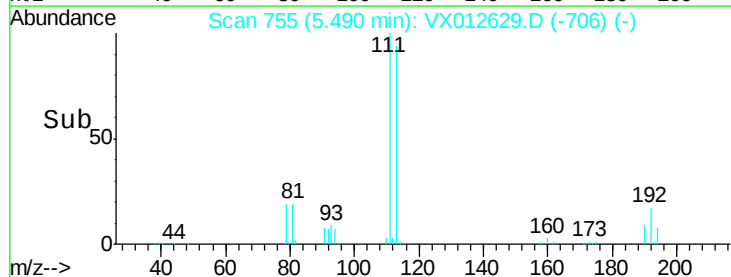
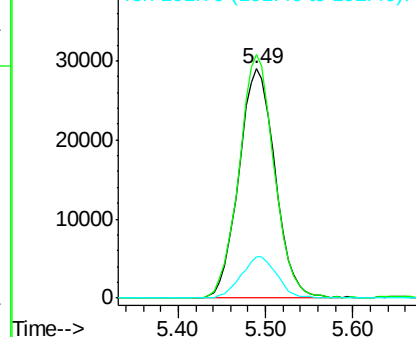


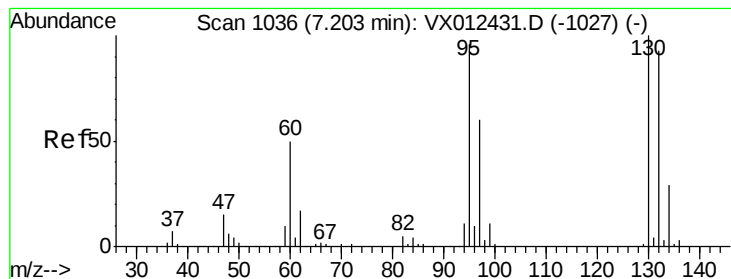
#35
 Dibromofluoromethane
 Concen: 51.032 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012629.D
 Acq: 24 Sep 2019 13:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.4	125.2
192	17.7	14.4	21.6



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: 5.896 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012629.D

Acq: 24 Sep 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

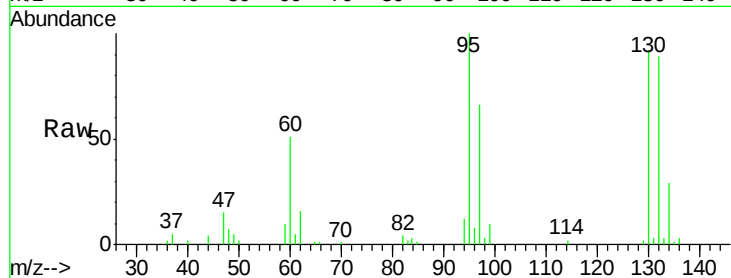
S49-0522

Tot Ion:130 Resp: 11740

Ion Ratio Lower Upper

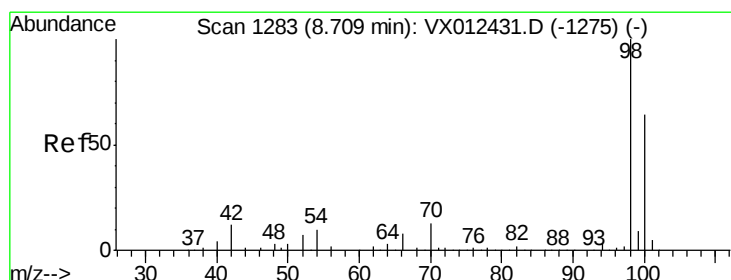
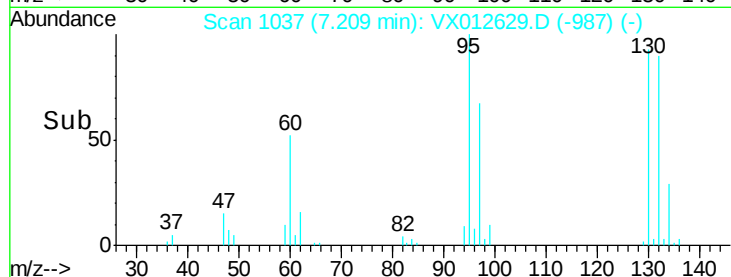
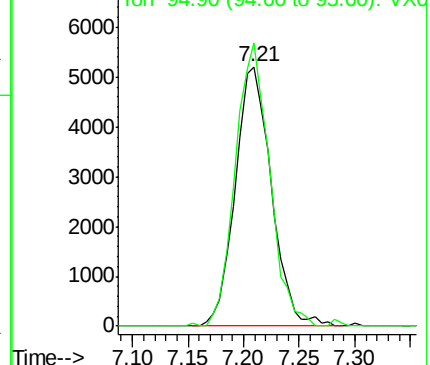
130 100

95 108.1 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.740 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012629.D

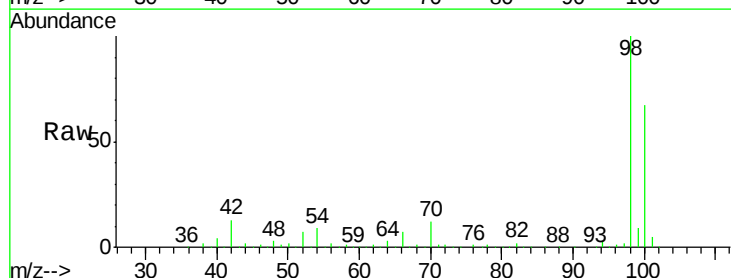
Acq: 24 Sep 2019 13:46

Tgt Ion: 98 Resp: 319620

Ion Ratio Lower Upper

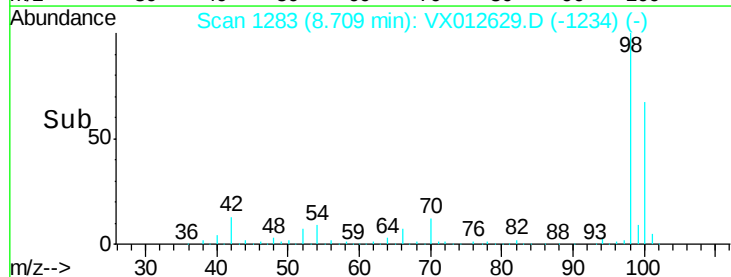
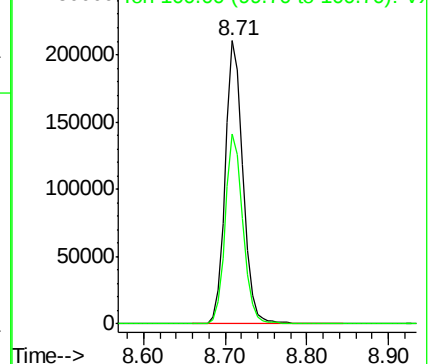
98 100

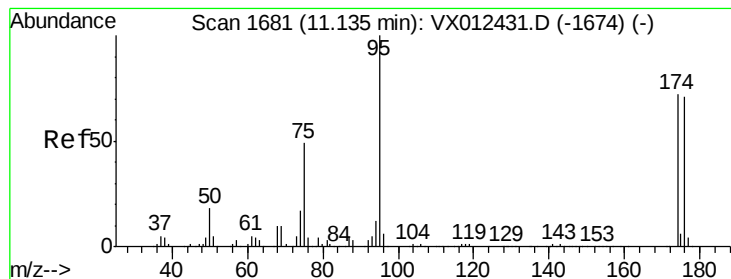
100 66.7 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 43.214 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012629.D

Acq: 24 Sep 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

S49-0522

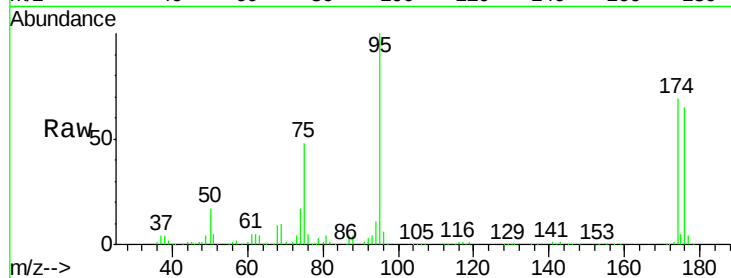
Tot Ion: 95 Resp: 107035

Ion Ratio Lower Upper

95 100

174 66.3 0.0 140.0

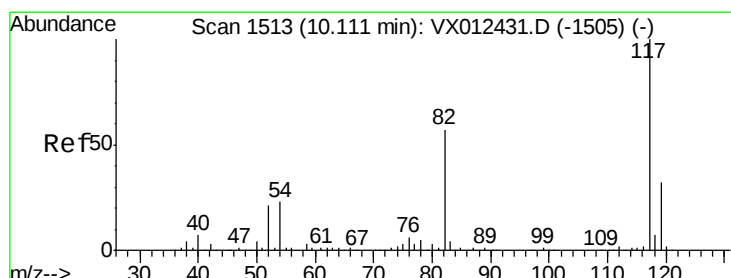
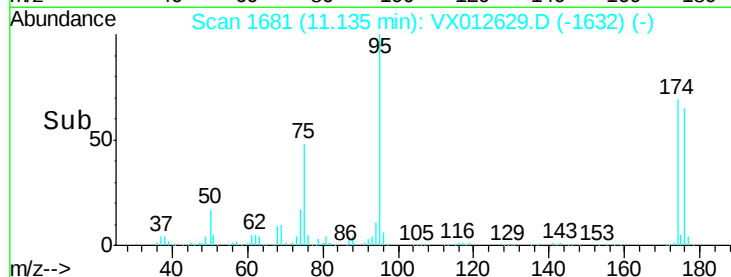
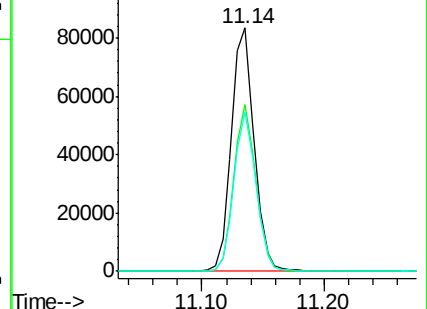
176 63.3 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012629.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012629.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012629.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012629.D

Acq: 24 Sep 2019 13:46

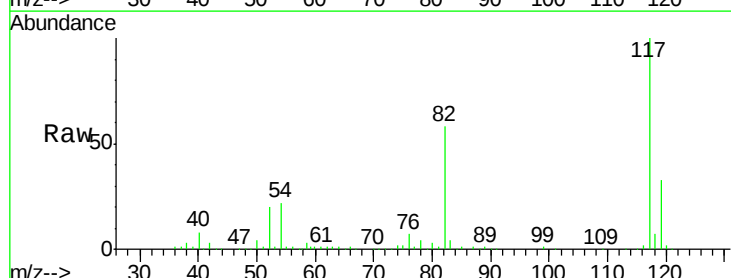
Tgt Ion: 117 Resp: 225054

Ion Ratio Lower Upper

117 100

82 57.7 45.9 68.9

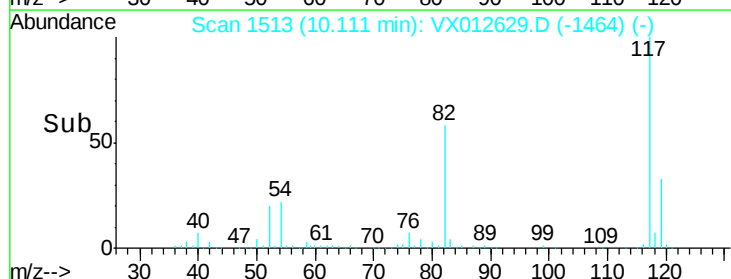
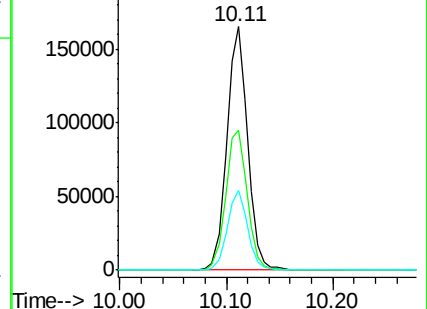
119 32.7 25.3 37.9

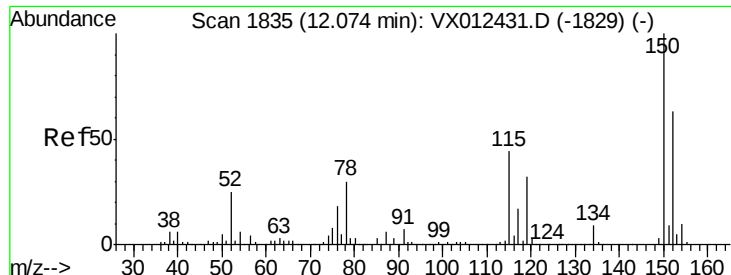


Abundance Ion 116.90 (116.60 to 117.60): VX012629.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012629.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012629.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: VX012629.D

Acq: 24 Sep 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

S49-0522

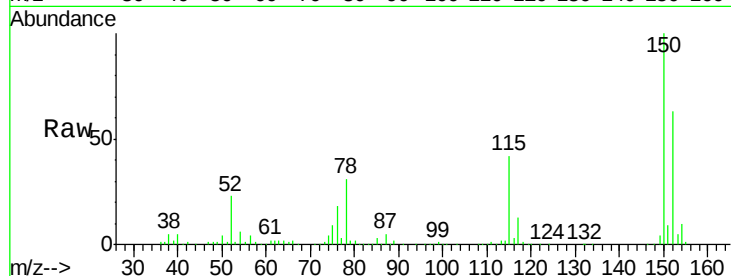
Tot Ion:152 Resp: 80399

Ion Ratio Lower Upper

152 100

115 66.6 44.1 132.3

150 160.6 0.0 343.8



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

