

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092619\
 Data File : VX012676.D
 Acq On : 26 Sep 2019 16:03
 Operator : JC/SP
 Sample : K5048-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0528

Quant Time: Sep 27 00:54:49 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

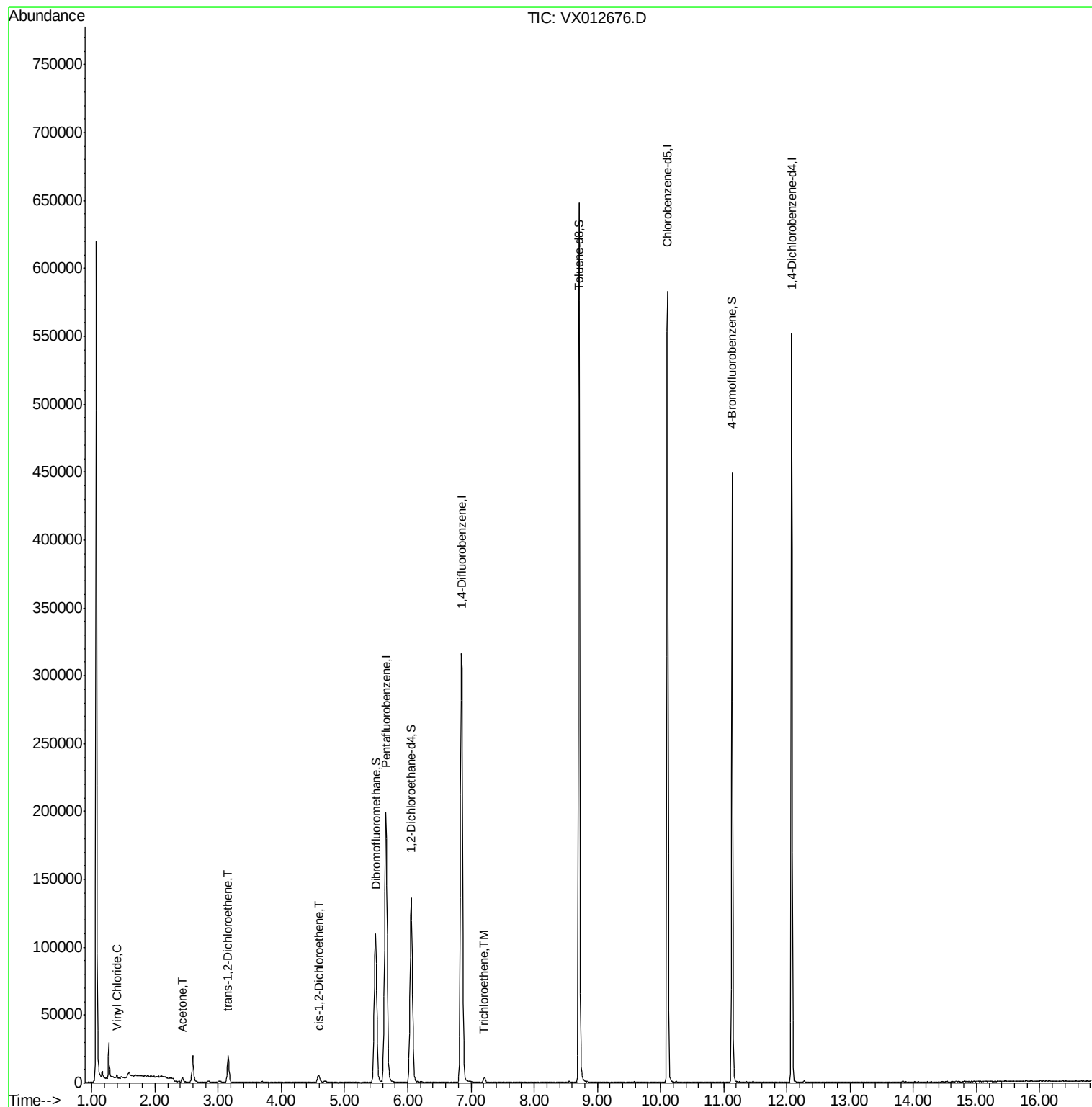
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	175094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	305495	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	102203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	133589	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
35) Dibromofluoromethane	5.49	113	95288	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
50) Toluene-d8	8.71	98	372909	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
62) 4-Bromofluorobenzene	11.14	95	130536	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
Target Compounds						
4) Vinyl Chloride	1.40	62	1209	0.538	ug/l	92
16) Acetone	2.43	43	3731	2.763	ug/l #	78
21) trans-1,2-Dichloroethene	3.16	96	8081	3.875	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	2994	1.237	ug/l	92
44) Trichloroethene	7.20	130	1440	0.650	ug/l	80

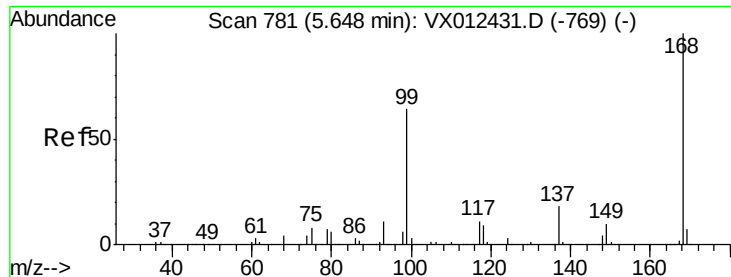
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012676.D

Acq: 26 Sep 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

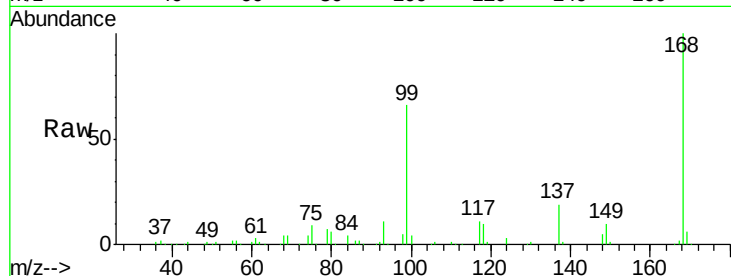
S49-0528

Tot Ion:168 Resp: 175094

Ion Ratio Lower Upper

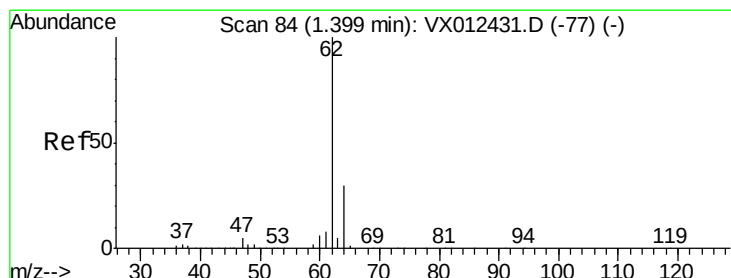
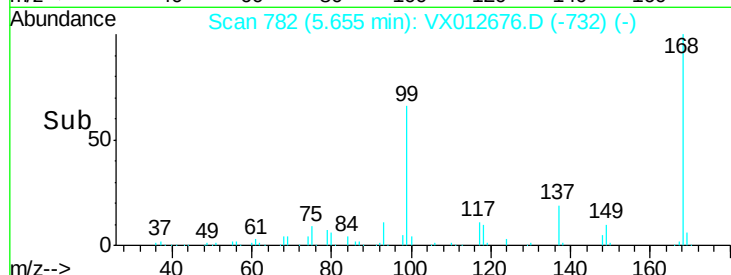
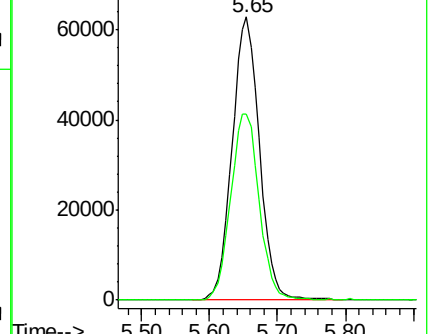
168 100

99 65.6 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.538 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012676.D

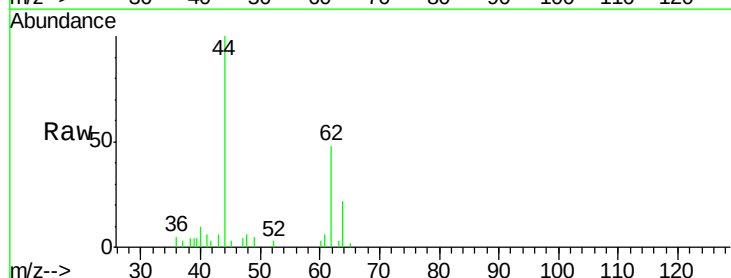
Acq: 26 Sep 2019 16:03

Tgt Ion: 62 Resp: 1209

Ion Ratio Lower Upper

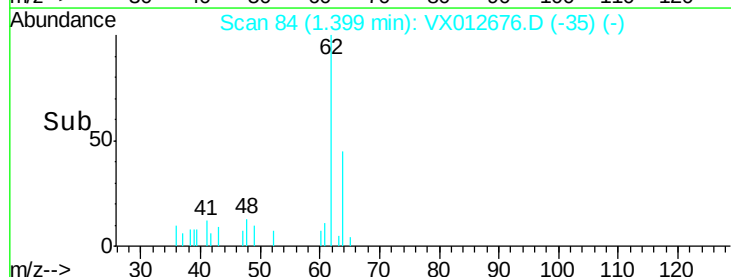
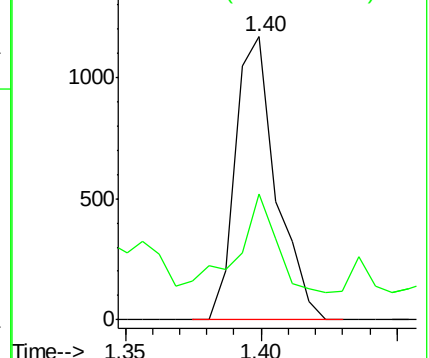
62 100

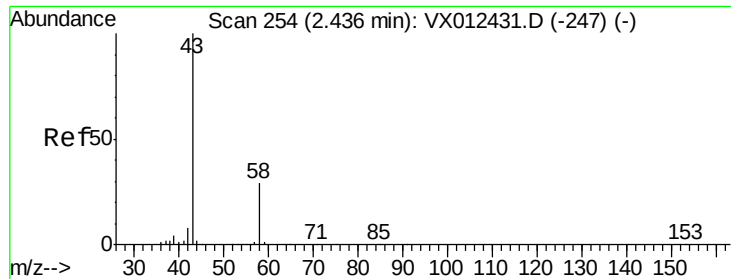
64 34.6 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 2.763 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012676.D

Acq: 26 Sep 2019 16:03

Instrument :

MSVOA_X

ClientSampled :

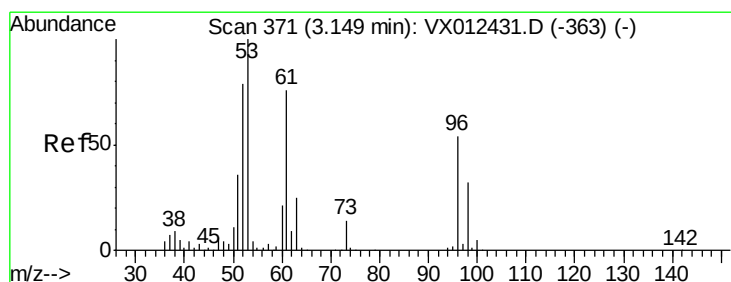
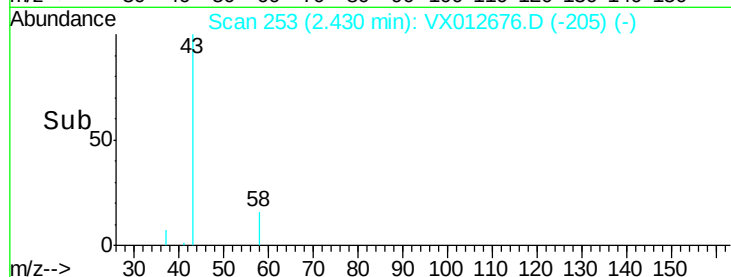
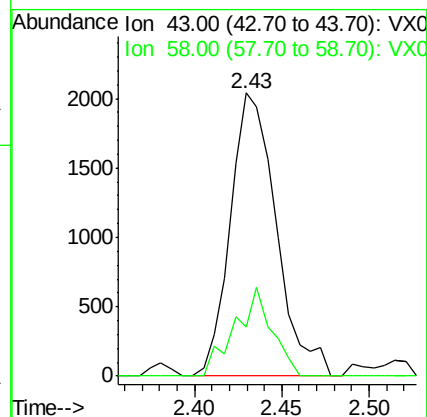
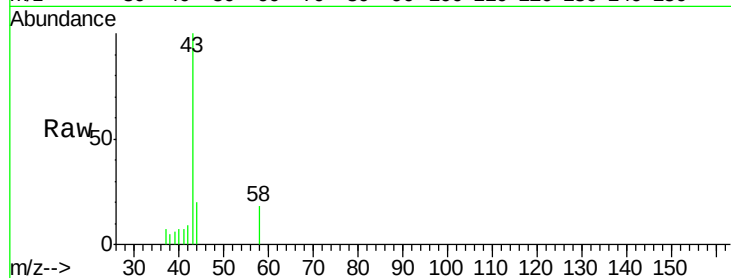
S49-0528

Tot Ion: 43 Resp: 3731

Ion Ratio Lower Upper

43 100

58 17.5 23.3 34.9#



#21

trans-1,2-Dichloroethene

Concen: 3.875 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012676.D

Acq: 26 Sep 2019 16:03

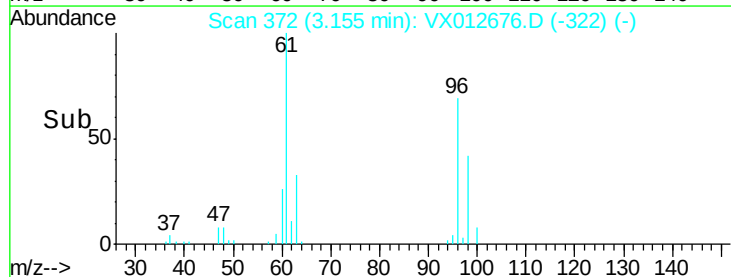
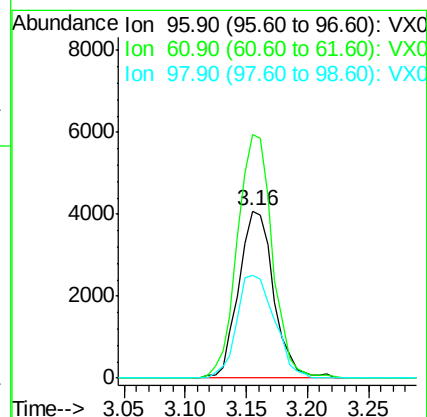
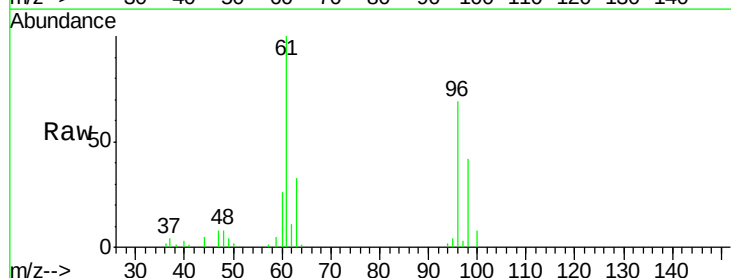
Tgt Ion: 96 Resp: 8081

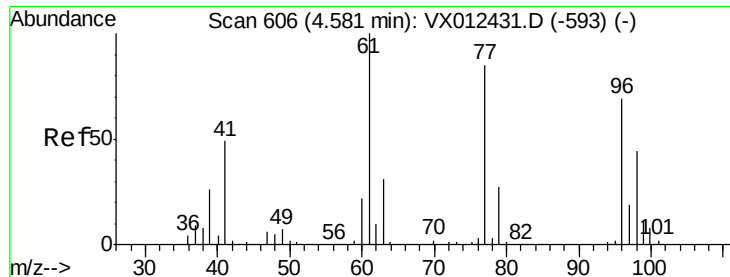
Ion Ratio Lower Upper

96 100

61 145.5 112.0 168.0

98 61.6 47.8 71.8





#27

cis-1,2-Dichloroethene

Concen: 1.237 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX012676.D

Acq: 26 Sep 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

S49-0528

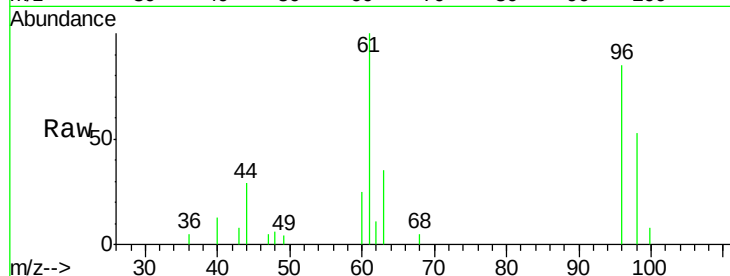
Tot Ion: 96 Resp: 2994

Ion Ratio Lower Upper

96 100

61 152.2 0.0 319.4

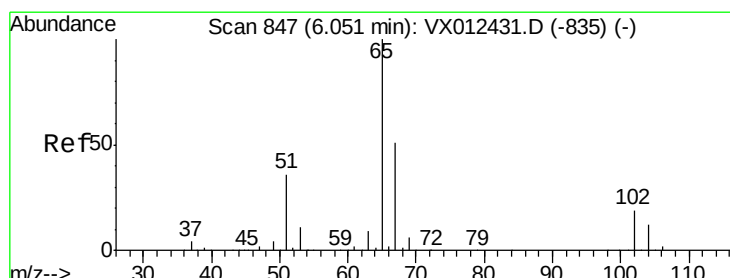
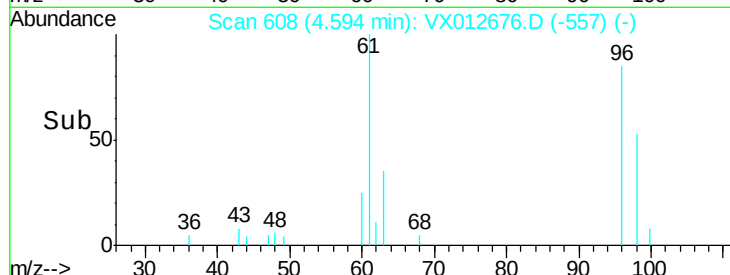
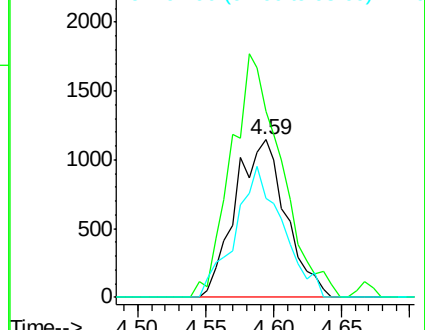
98 76.8 0.0 130.6



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: 52.394 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012676.D

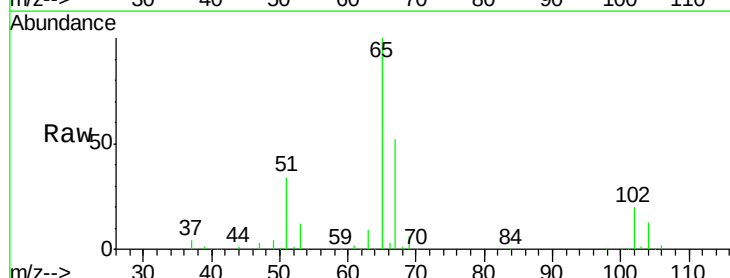
Acq: 26 Sep 2019 16:03

Tgt Ion: 65 Resp: 133589

Ion Ratio Lower Upper

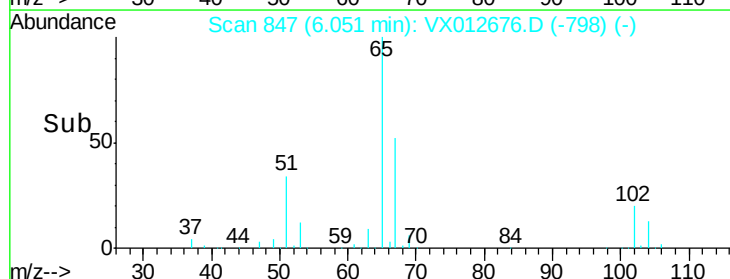
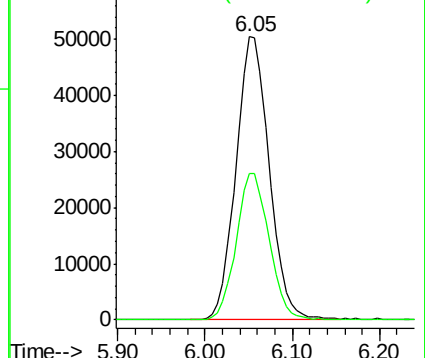
65 100

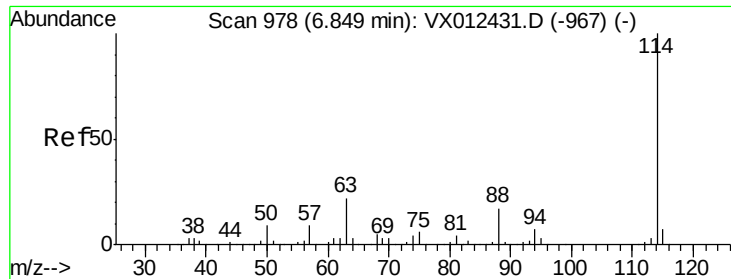
67 51.2 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

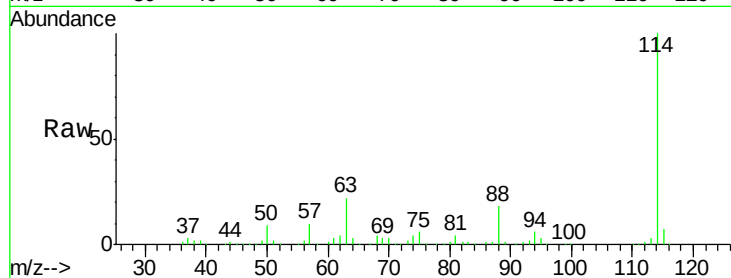




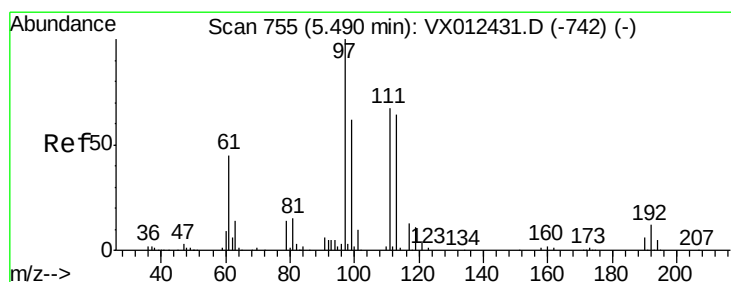
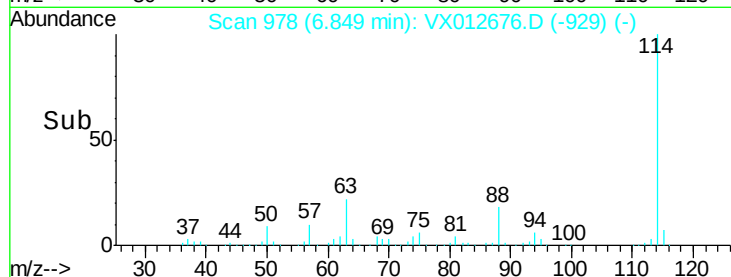
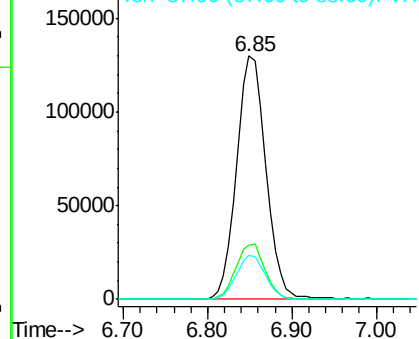
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012676.D
 Acq: 26 Sep 2019 16:03

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0528

Tot Ion:114 Resp: 305495
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.2
 88 17.8 0.0 33.2

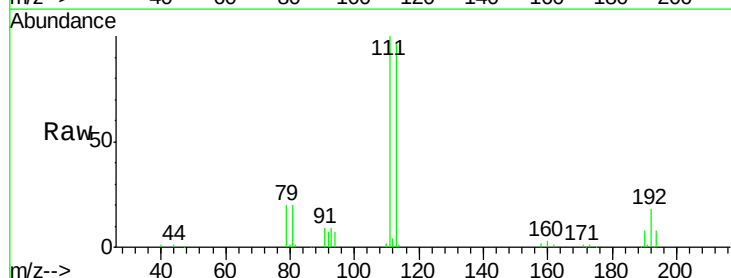


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

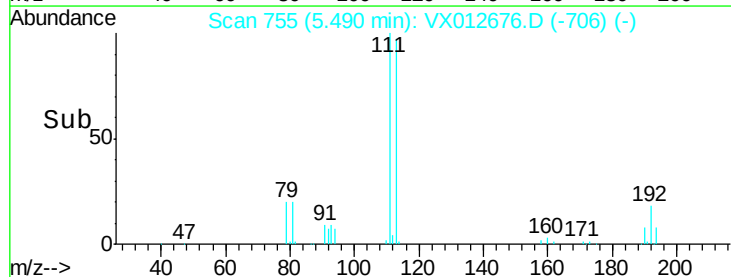
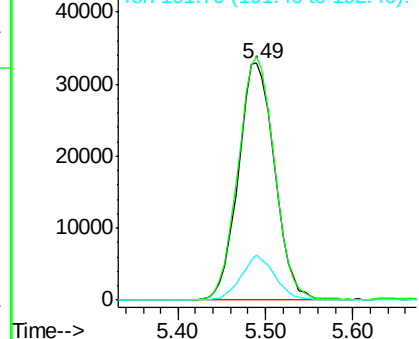


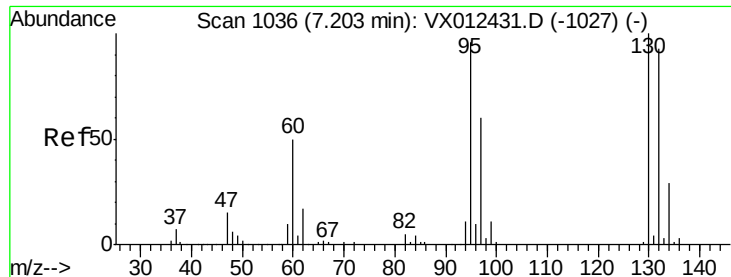
#35
 Dibromofluoromethane
 Concen: 52.375 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012676.D
 Acq: 26 Sep 2019 16:03

Tgt Ion:113 Resp: 95288
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.4 125.2
 192 17.5 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

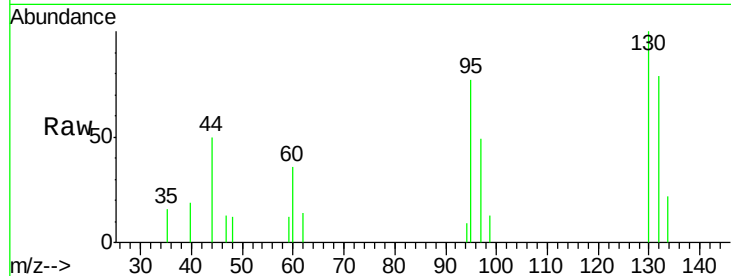




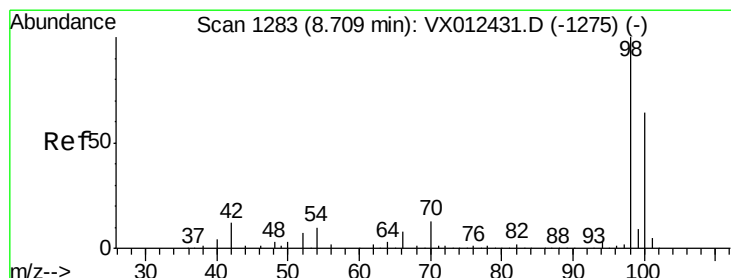
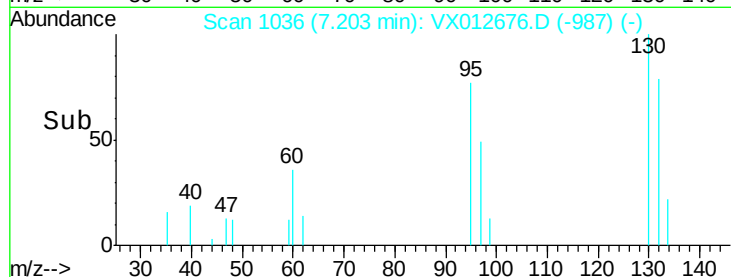
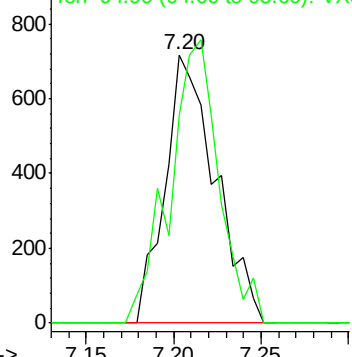
#44
 Trichloroethene
 Concen: 0.650 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012676.D
 Acq: 26 Sep 2019 16:03

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0528

Tot Ion:130 Resp: 1440
 Ion Ratio Lower Upper
 130 100
 95 77.3 0.0 193.0

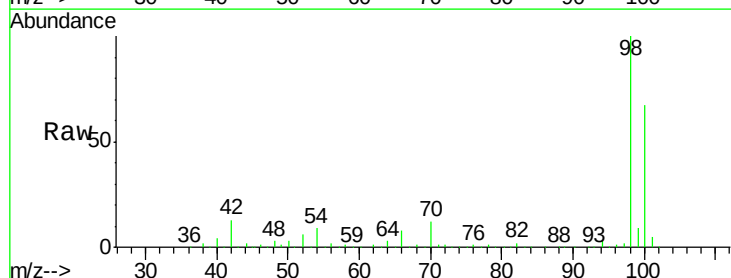


Abundance Ion 129.80 (129.50 to 130.50): V

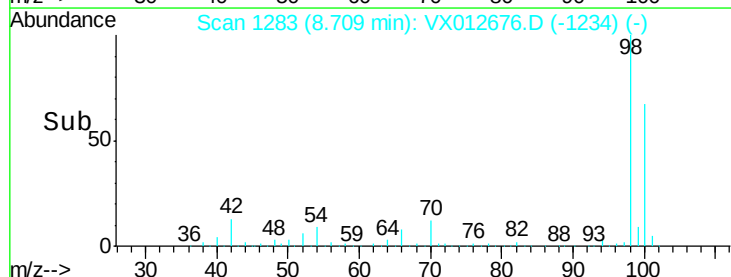
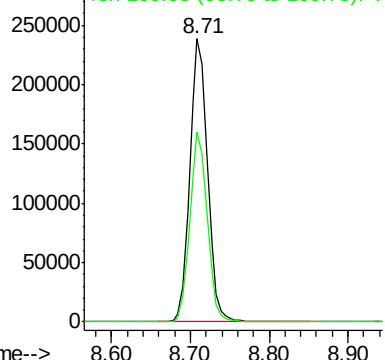


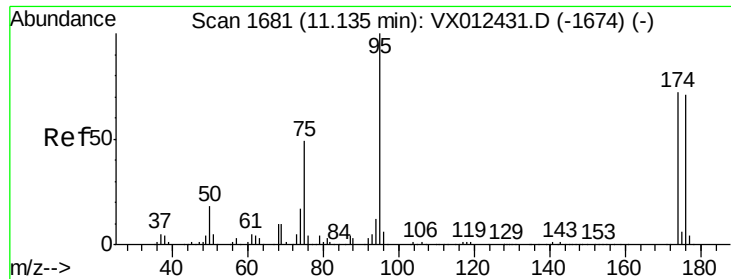
#50
 Toluene-d8
 Concen: 53.224 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012676.D
 Acq: 26 Sep 2019 16:03

Tgt Ion: 98 Resp: 372909
 Ion Ratio Lower Upper
 98 100
 100 66.4 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.382 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012676.D

Acq: 26 Sep 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

S49-0528

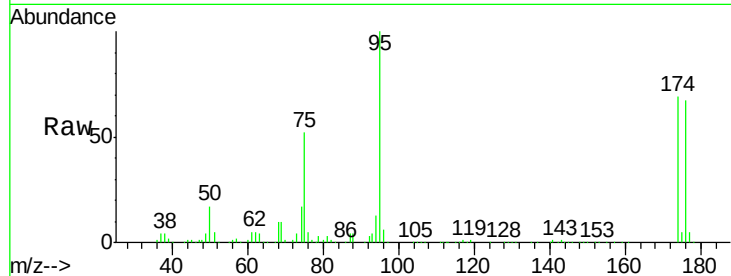
Tot Ion: 95 Resp: 130536

Ion Ratio Lower Upper

95 100

174 66.3 0.0 140.0

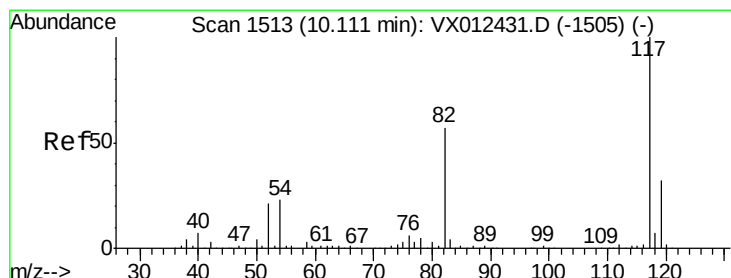
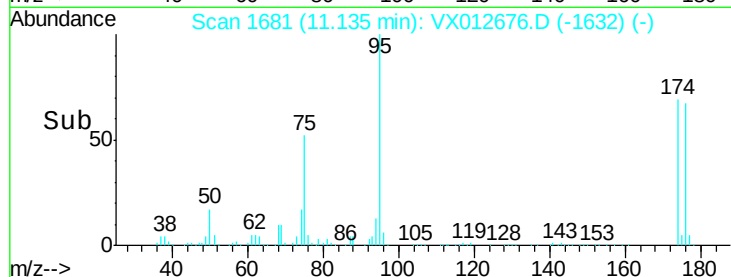
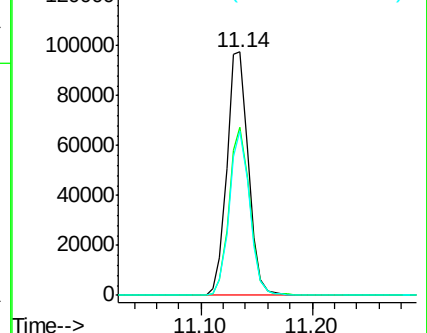
176 64.0 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012431.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012431.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012431.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012676.D

Acq: 26 Sep 2019 16:03

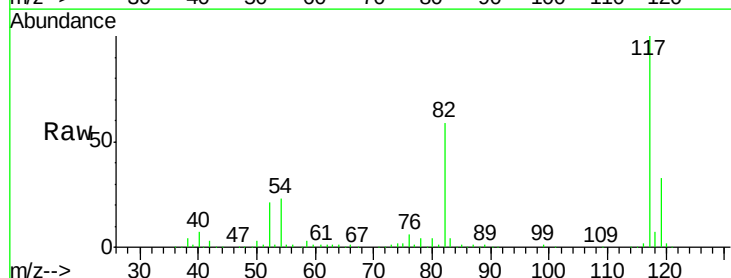
Tgt Ion: 117 Resp: 260951

Ion Ratio Lower Upper

117 100

82 59.5 45.9 68.9

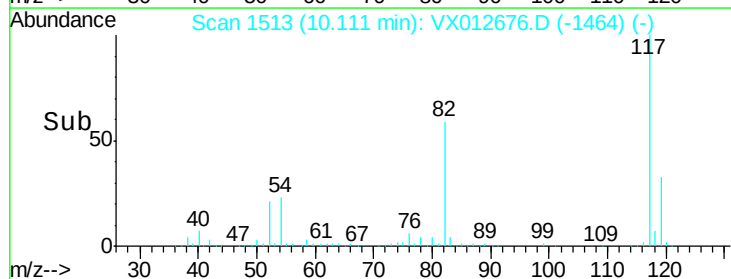
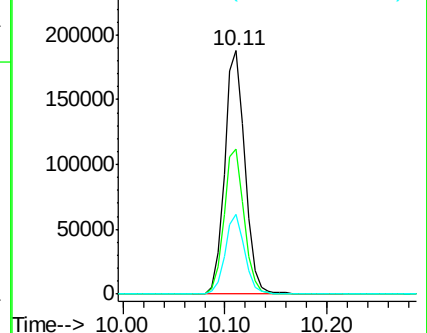
119 32.5 25.3 37.9

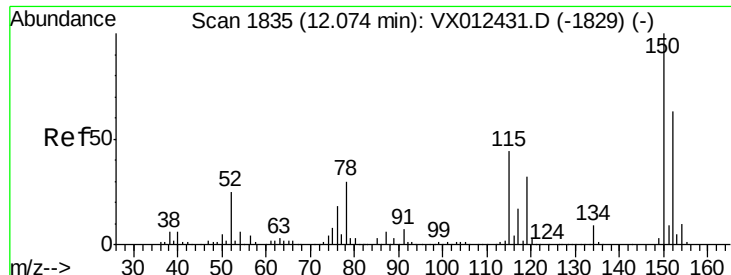


Abundance Ion 116.90 (116.60 to 117.60): VX012431.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX012431.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX012431.D (-1505) (-)

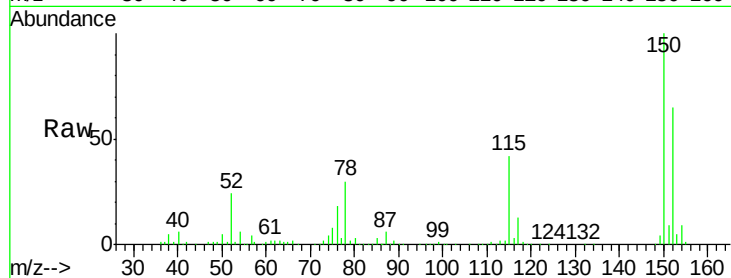




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012676.D
 Acq: 26 Sep 2019 16:03

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0528

Tot Ion	Ratio	Lower	Upper
152	100		
115	65.7	44.1	132.3
150	157.3	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

