

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100219\
 Data File : VX012773.D
 Acq On : 02 Oct 2019 20:44
 Operator : JC/SP
 Sample : K5157-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0537

Quant Time: Oct 03 04:36:45 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	171662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	295875	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	96238	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	119881	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	
35) Dibromofluoromethane	5.49	113	89625	50.86	ug/l	0.00
Spiked Amount			Recovery	=	101.72%	
50) Toluene-d8	8.71	98	345005	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	11.14	95	117144	43.90	ug/l	0.00
Spiked Amount			Recovery	=	87.80%	

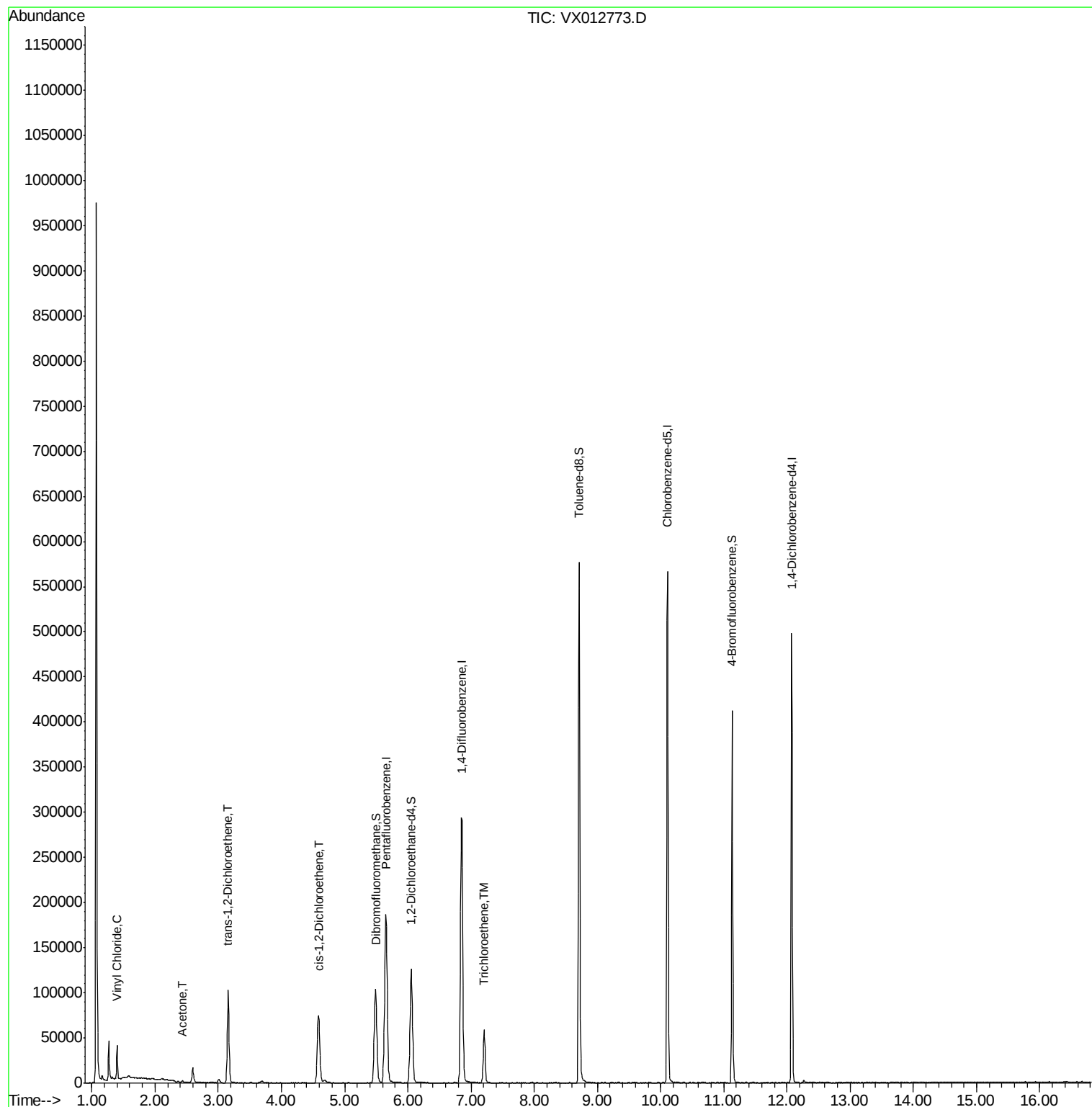
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	21988	9.976	ug/l	97
16) Acetone	2.44	43	2094	1.581	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	42013	20.547	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	48539	20.459	ug/l	82
44) Trichloroethene	7.21	130	22668	10.567	ug/l	97

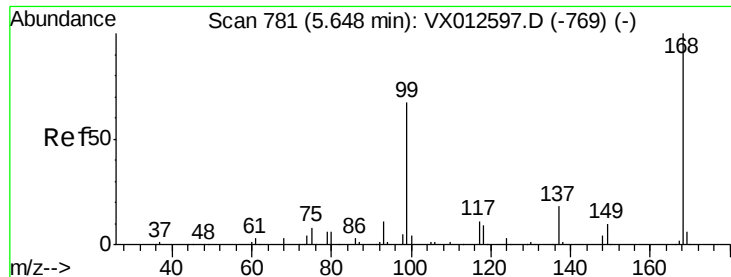
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012773.D

Acq: 02 Oct 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

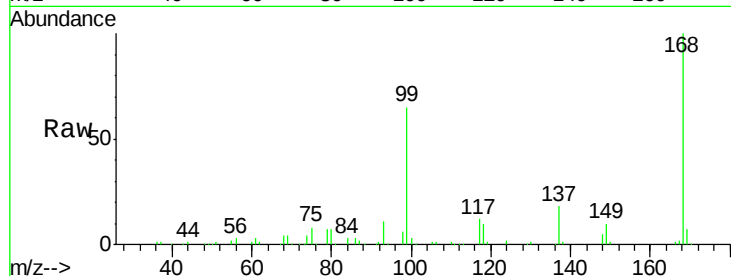
S49-0537

Tot Ion:168 Resp: 171662

Ion Ratio Lower Upper

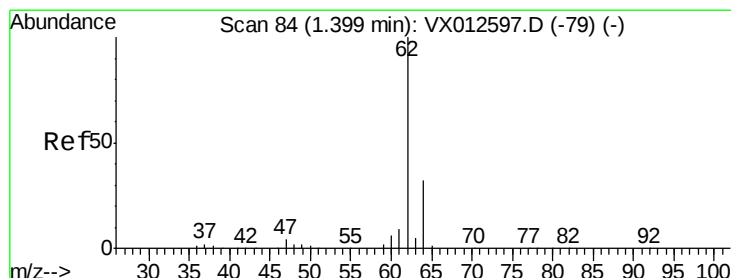
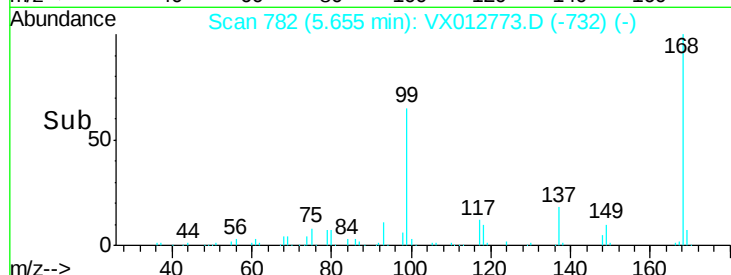
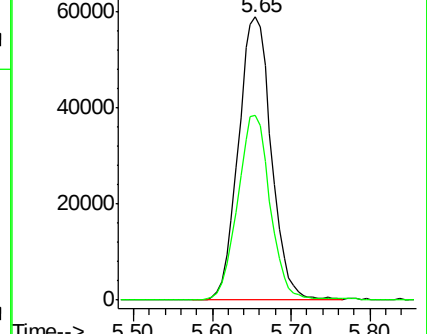
168 100

99 65.3 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: 9.976 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012773.D

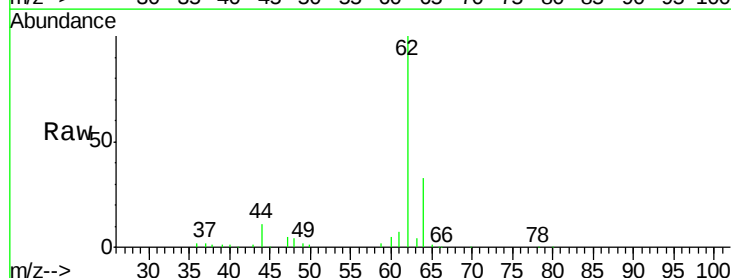
Acq: 02 Oct 2019 20:44

Tgt Ion: 62 Resp: 21988

Ion Ratio Lower Upper

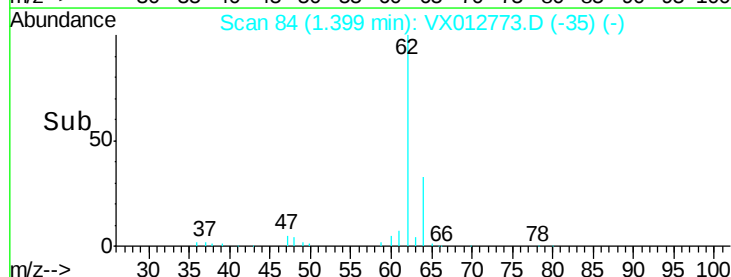
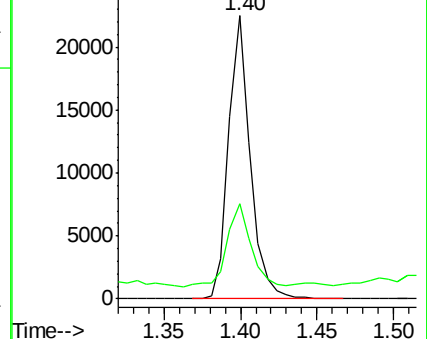
62 100

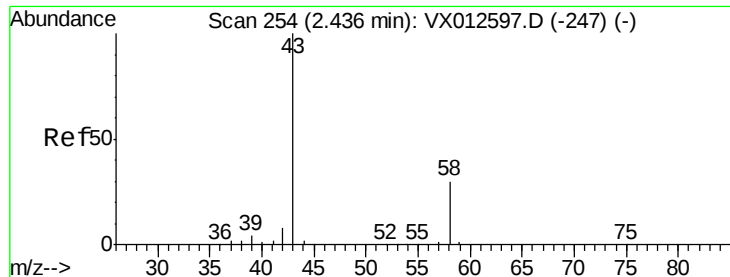
64 28.4 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 1.581 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012773.D

Acq: 02 Oct 2019 20:44

Instrument :

MSVOA_X

ClientSampled :

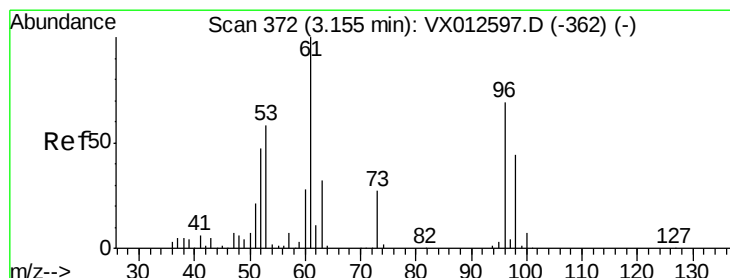
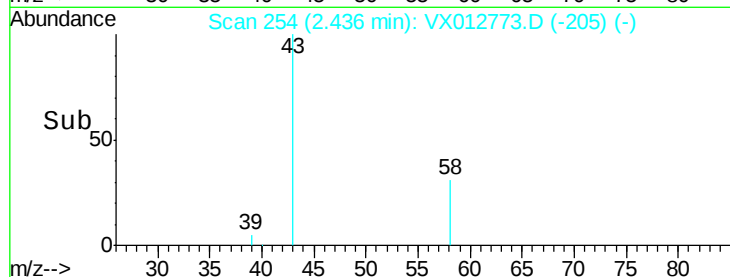
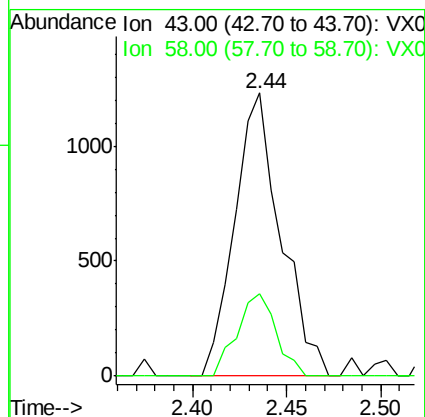
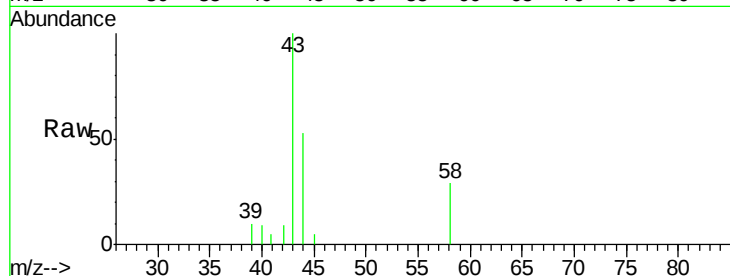
S49-0537

Tot Ion: 43 Resp: 2094

Ion Ratio Lower Upper

43 100

58 28.9 23.3 34.9



#21

trans-1,2-Dichloroethene

Concen: 20.547 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012773.D

Acq: 02 Oct 2019 20:44

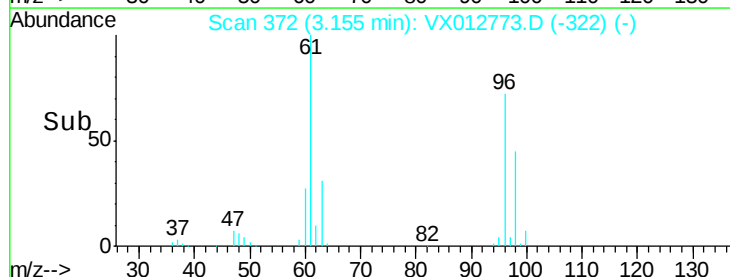
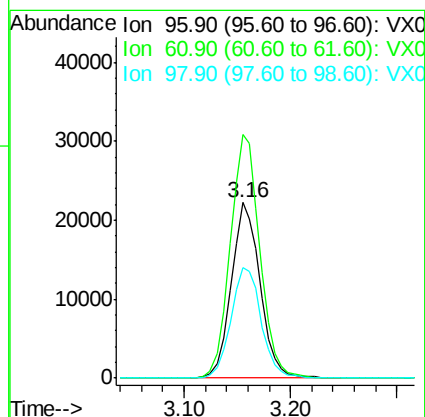
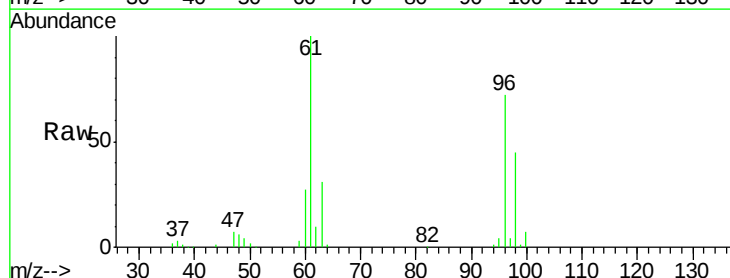
Tgt Ion: 96 Resp: 42013

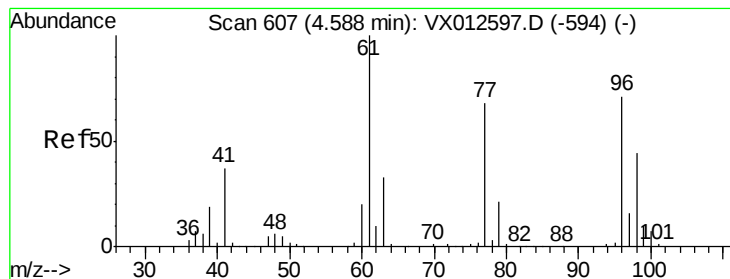
Ion Ratio Lower Upper

96 100

61 138.9 112.0 168.0

98 62.8 47.8 71.8



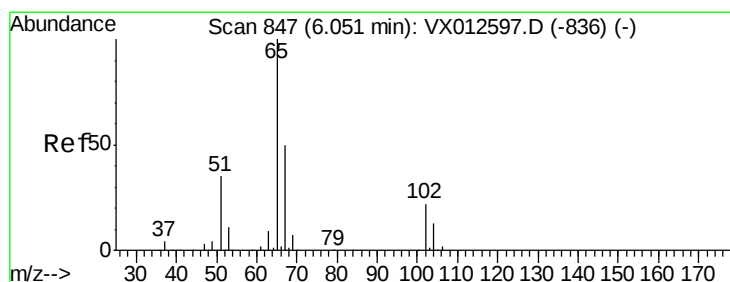
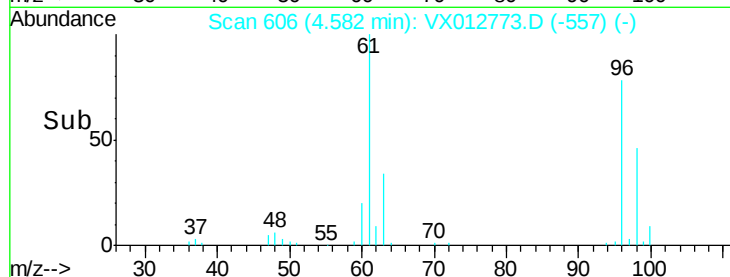
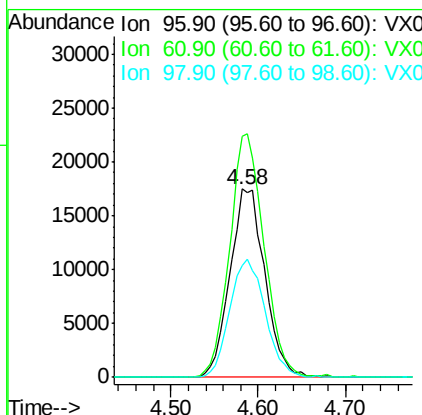
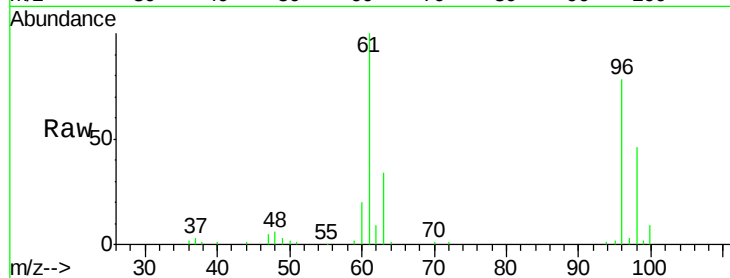


#27

cis-1,2-Dichloroethene
 Concen: 20.459 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012773.D
 Acq: 02 Oct 2019 20:44

Instrument :
 MSVOA_X
 ClientSampled :
 S49-0537

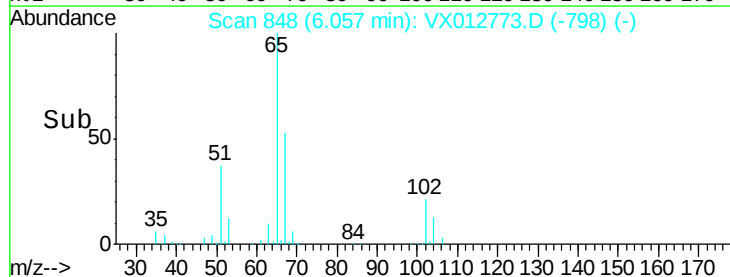
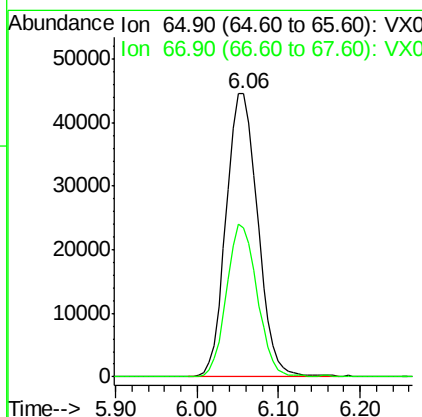
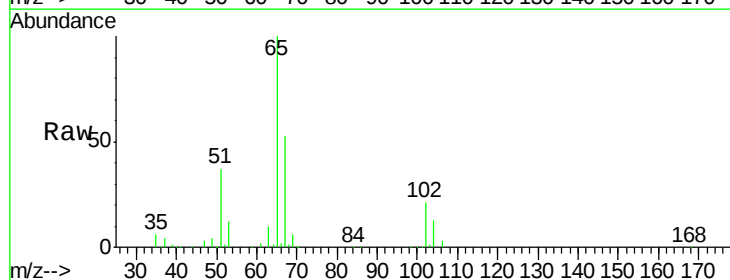
Tot Ion	Ratio	Lower	Upper
96	100		
61	127.4	0.0	319.4
98	63.5	0.0	130.6

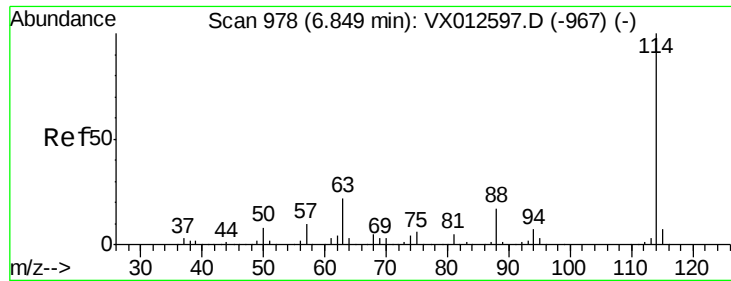


#33

1,2-Dichloroethane-d4
 Concen: 47.958 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012773.D
 Acq: 02 Oct 2019 20:44

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	101.2

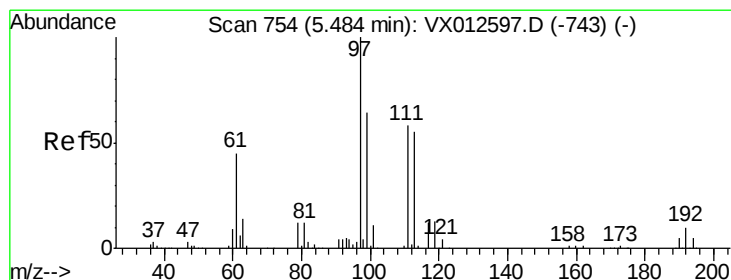
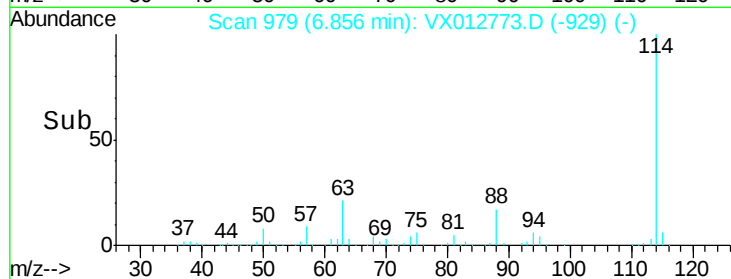
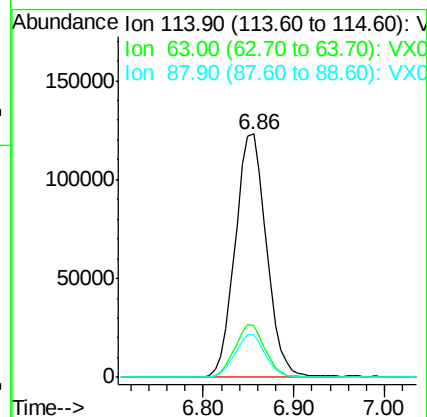
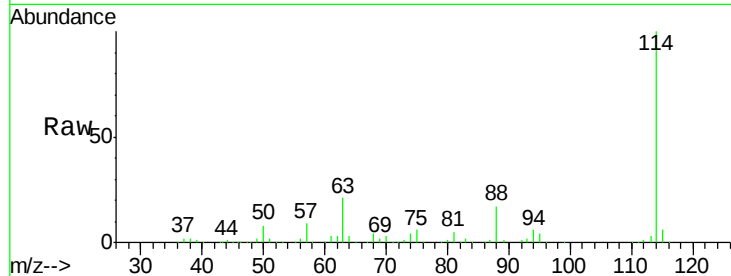




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX012773.D
 Acq: 02 Oct 2019 20:44

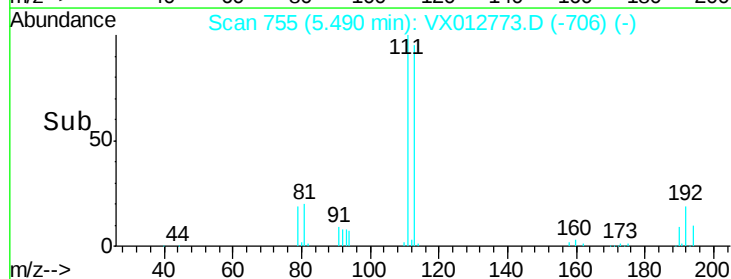
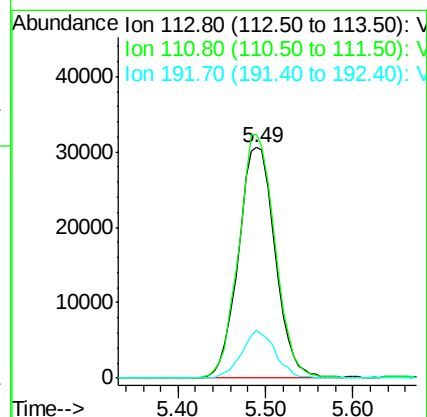
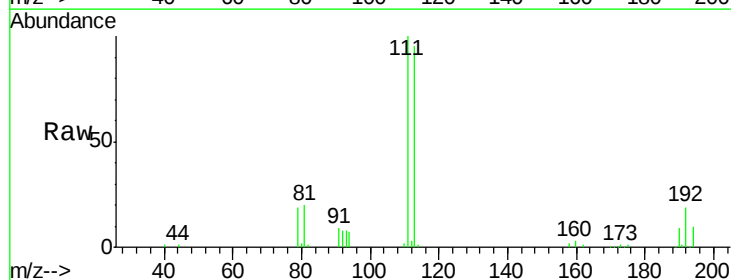
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0537

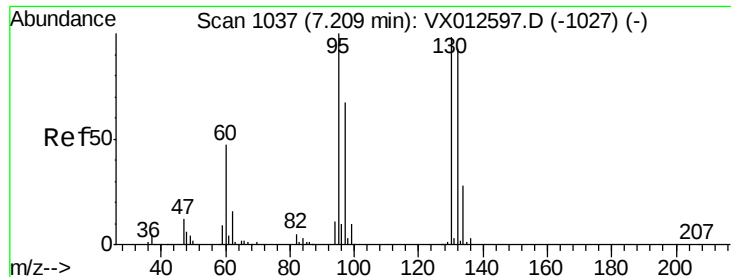
Tot Ion:114 Resp: 295875
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.2
 88 17.4 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 50.864 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012773.D
 Acq: 02 Oct 2019 20:44

Tgt Ion:113 Resp: 89625
 Ion Ratio Lower Upper
 113 100
 111 104.1 83.4 125.2
 192 18.8 14.4 21.6





#44

Trichloroethene

Concen: 10.567 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012773.D

Acq: 02 Oct 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

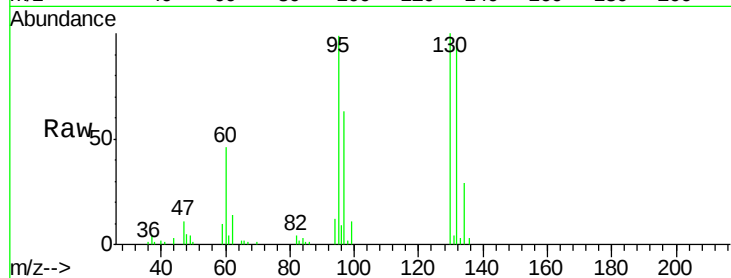
S49-0537

Tot Ion:130 Resp: 22668

Ion Ratio Lower Upper

130 100

95 99.3 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

12000

10000

8000

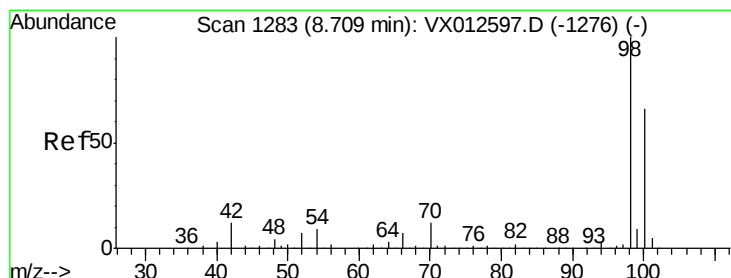
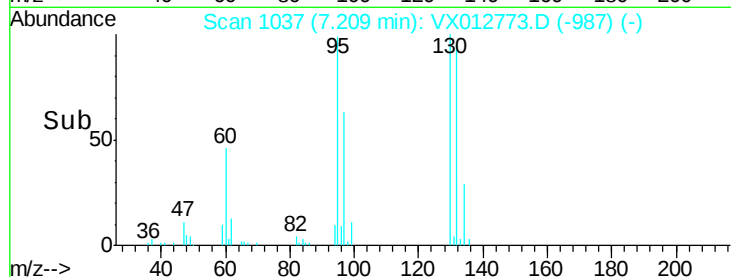
6000

4000

2000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#50

Toluene-d8

Concen: 50.842 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012773.D

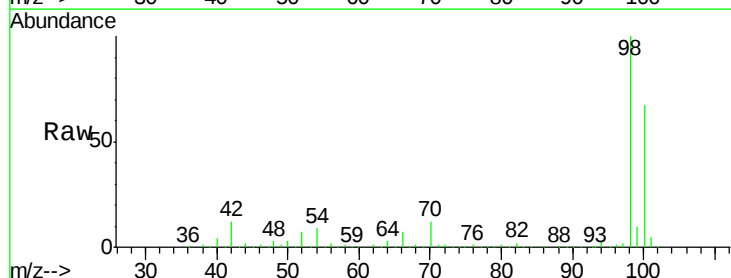
Acq: 02 Oct 2019 20:44

Tgt Ion: 98 Resp: 345005

Ion Ratio Lower Upper

98 100

100 67.2 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

250000

200000

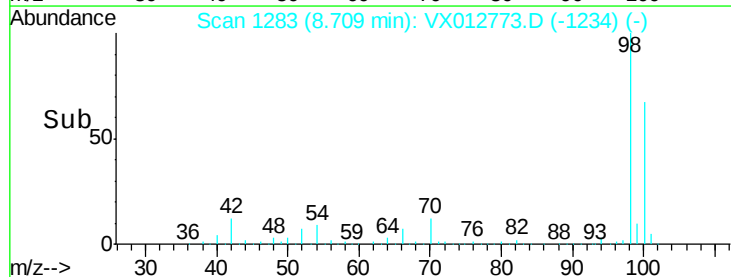
150000

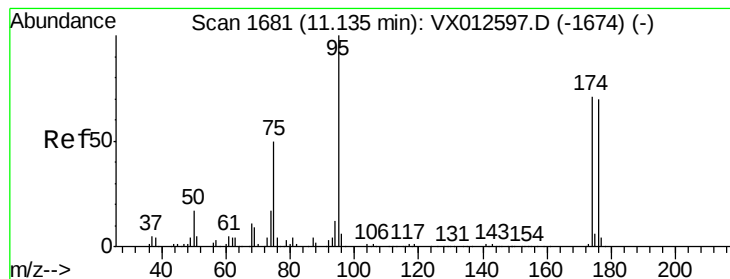
100000

50000

0

Time--> 8.60 8.70 8.80 8.90





#62

4-Bromofluorobenzene

Concen: 43.904 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012773.D

Acq: 02 Oct 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

S49-0537

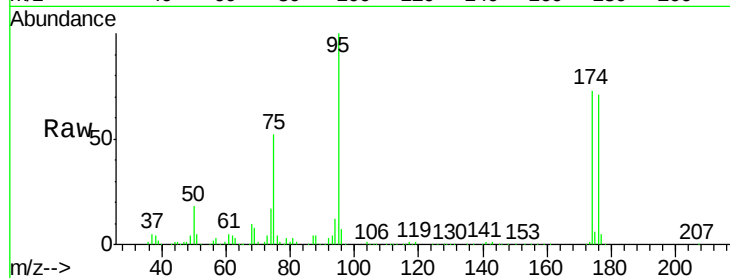
Tot Ion: 95 Resp: 117144

Ion Ratio Lower Upper

95 100

174 70.0 0.0 140.0

176 67.0 0.0 135.4

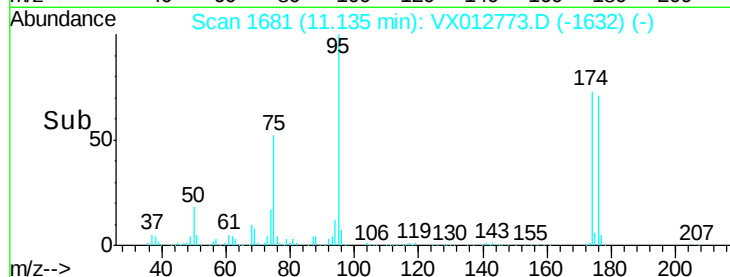


Abundance Ion 94.90 (94.60 to 95.60): VX012597.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012597.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012597.D (-1674) (-)

Time-->

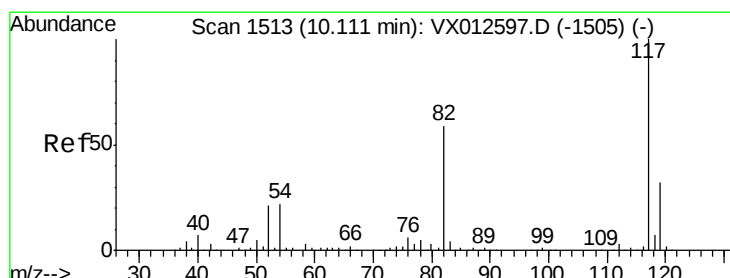


Abundance Ion 94.90 (94.60 to 95.60): VX012773.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012773.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012773.D (-1632) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012773.D

Acq: 02 Oct 2019 20:44

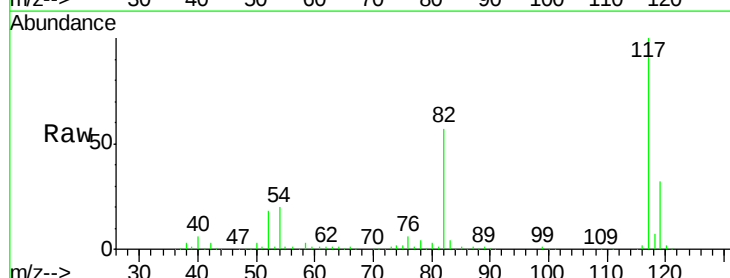
Tgt Ion: 117 Resp: 252773

Ion Ratio Lower Upper

117 100

82 57.3 45.9 68.9

119 31.7 25.3 37.9

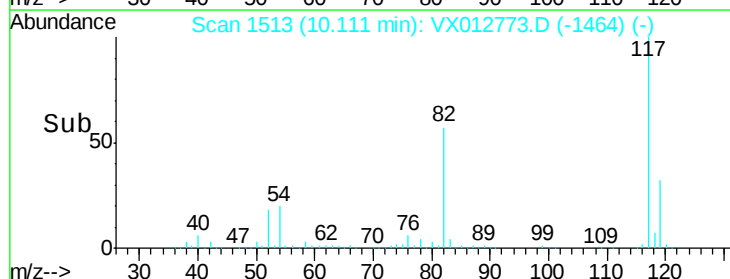


Abundance Ion 116.90 (116.60 to 117.60): VX012597.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX012597.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX012597.D (-1505) (-)

Time-->

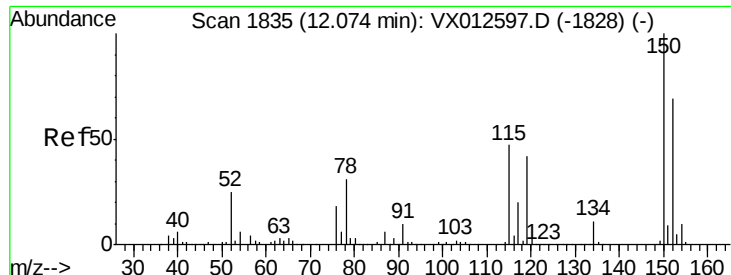


Abundance Ion 116.90 (116.60 to 117.60): VX012773.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012773.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012773.D (-1464) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012773.D

Acq: 02 Oct 2019 20:44

Instrument :

MSVOA_X

ClientSampleId :

S49-0537

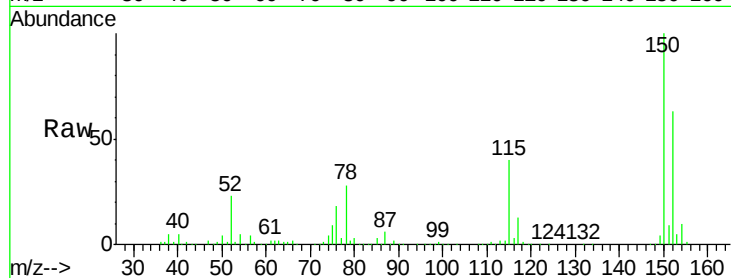
Tot Ion:152 Resp: 96238

Ion Ratio Lower Upper

152 100

115 64.1 44.1 132.3

150 158.7 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

