

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100219\
 Data File : VX012771.D
 Acq On : 02 Oct 2019 19:57
 Operator : JC/SP
 Sample : K5157-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0524

Quant Time: Oct 03 10:58:42 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

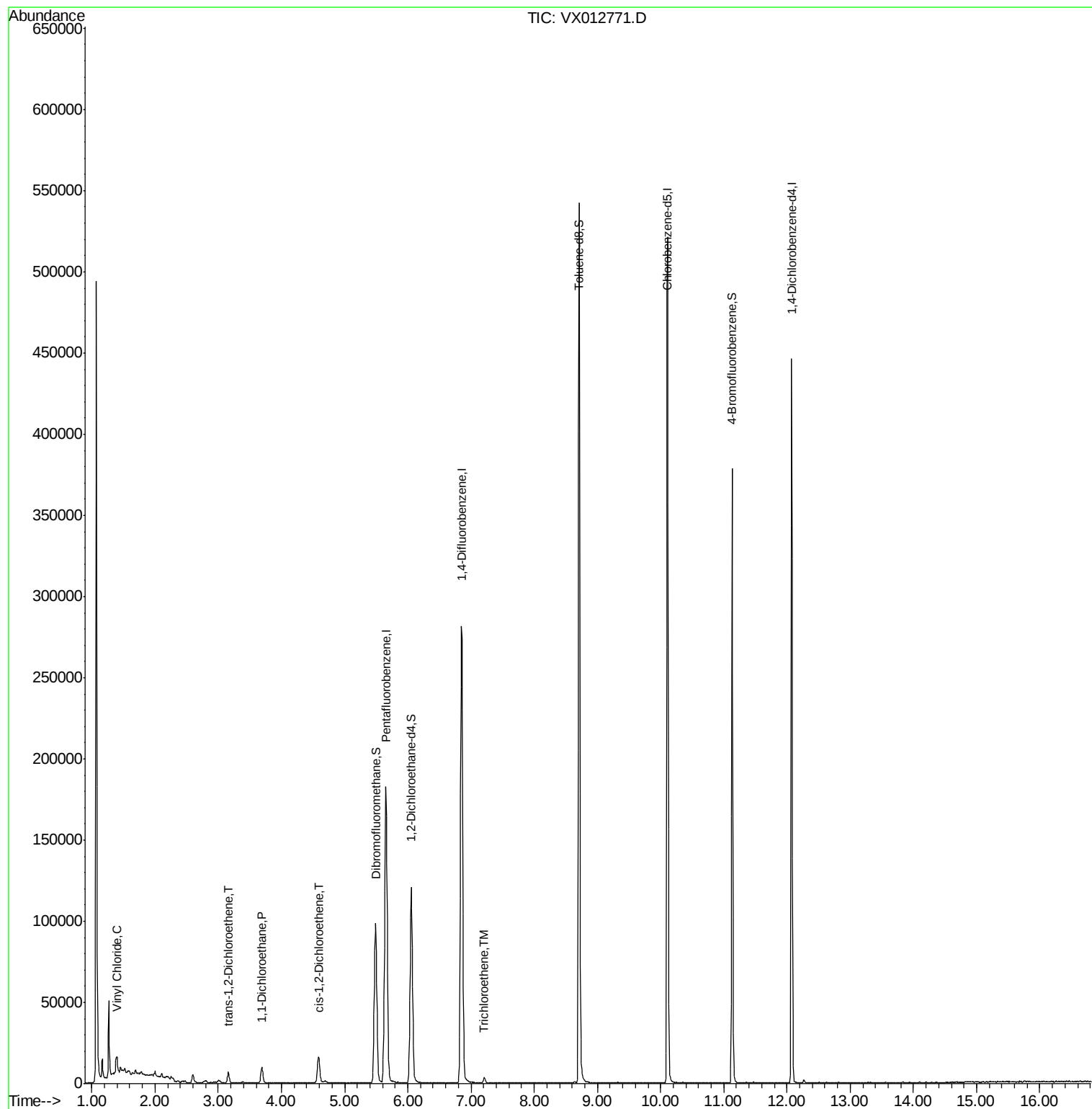
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	162704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	85132	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114754	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
35) Dibromofluoromethane	5.49	113	86210	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
50) Toluene-d8	8.71	98	330207	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	11.14	95	104394	40.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.72%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	2736	1.310	ug/l #	66
21) trans-1,2-Dichloroethene	3.16	96	2771	1.430	ug/l #	82
24) 1,1-Dichloroethane	3.69	63	10124	2.777	ug/l #	90
27) cis-1,2-Dichloroethene	4.59	96	9731	4.327	ug/l	87
44) Trichloroethene	7.21	130	1391	0.677	ug/l	71

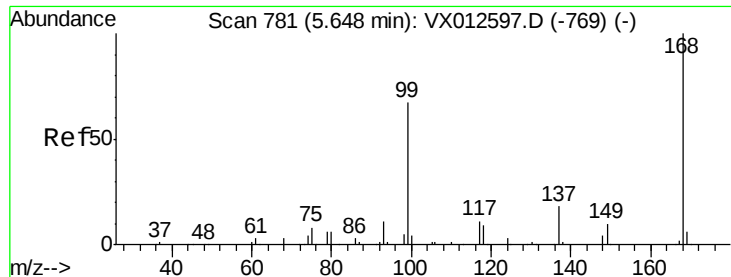
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012771.D

Acq: 02 Oct 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

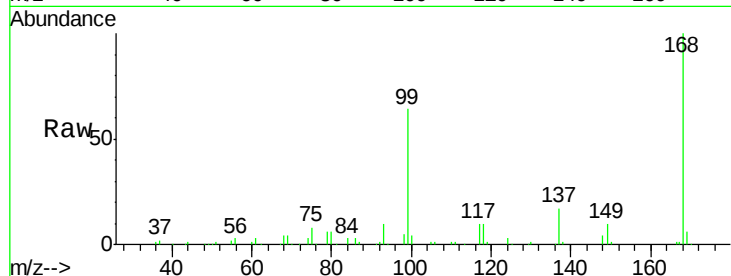
S49-0524

Tot Ion:168 Resp: 162704

Ion Ratio Lower Upper

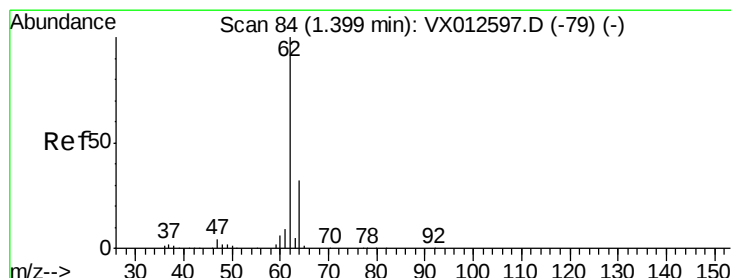
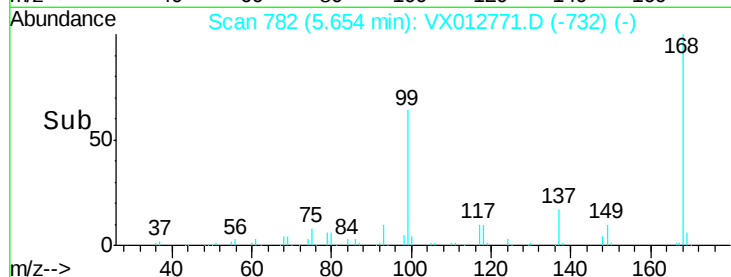
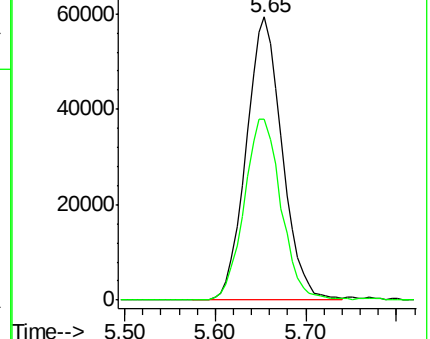
168 100

99 64.0 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: 1.310 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012771.D

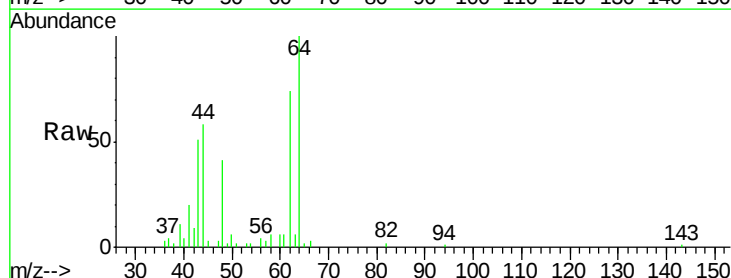
Acq: 02 Oct 2019 19:57

Tgt Ion: 62 Resp: 2736

Ion Ratio Lower Upper

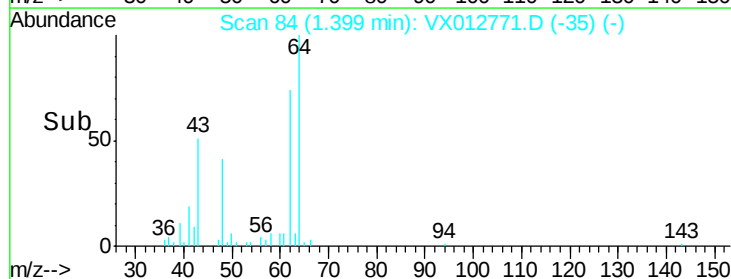
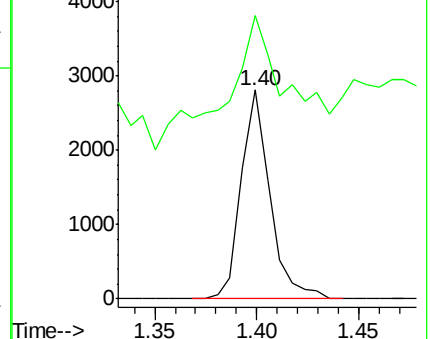
62 100

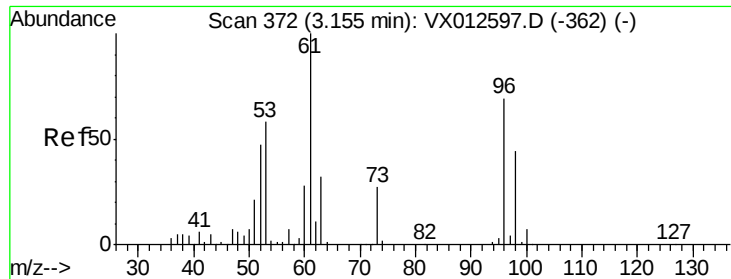
64 48.6 24.2 36.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 1.430 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX012771.D

Acq: 02 Oct 2019 19:57

Instrument :

MSVOA_X

ClientSampled :

S49-0524

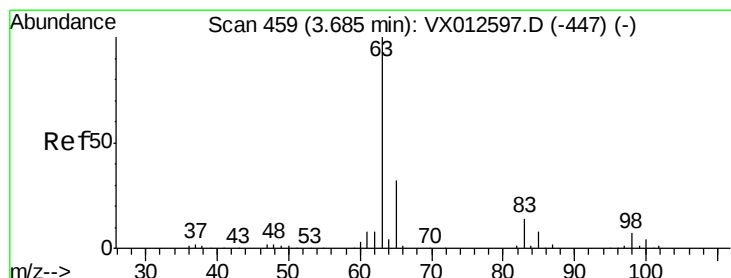
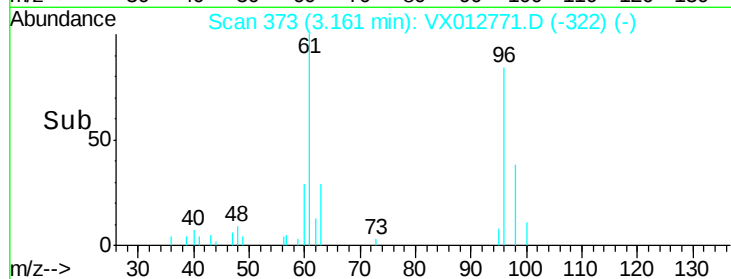
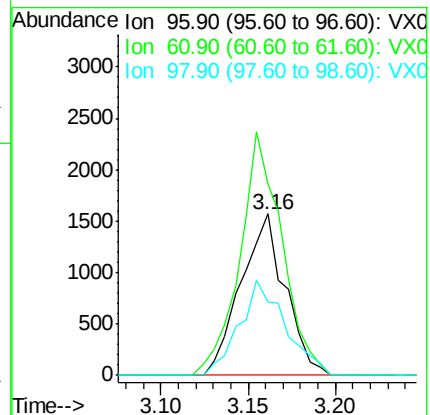
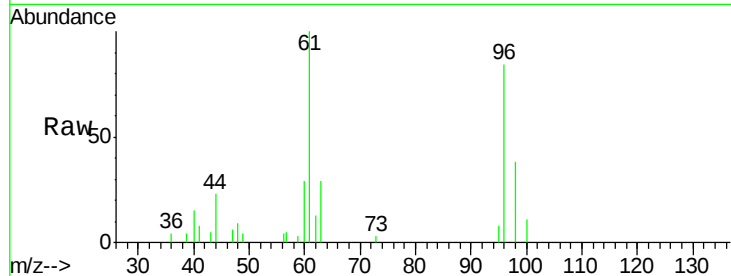
Tot Ion: 96 Resp: 2771

Ion Ratio Lower Upper

96 100

61 118.9 112.0 168.0

98 45.7 47.8 71.8#



#24

1,1-Dichloroethane

Concen: 2.777 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX012771.D

Acq: 02 Oct 2019 19:57

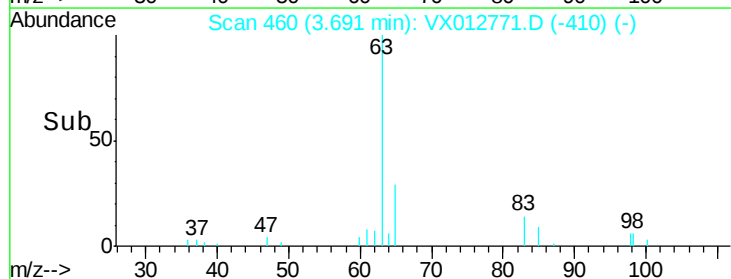
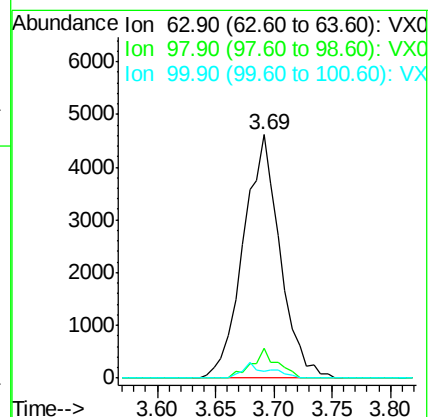
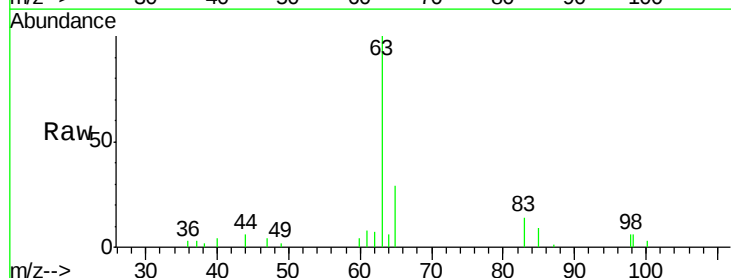
Tgt Ion: 63 Resp: 10124

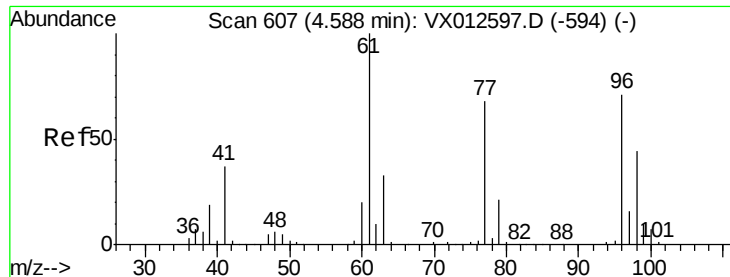
Ion Ratio Lower Upper

63 100

98 12.5 3.9 11.7#

100 3.0 2.3 6.9



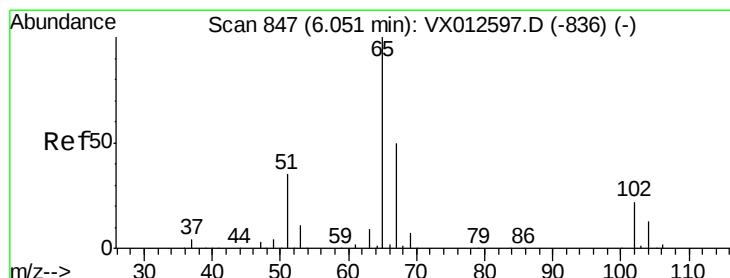
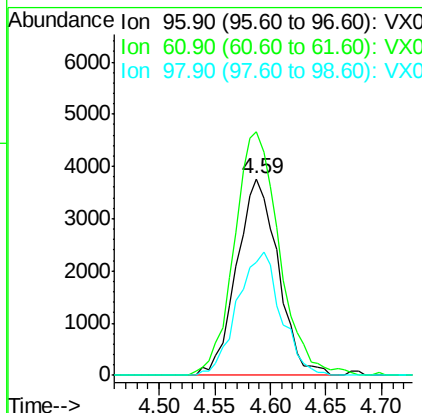
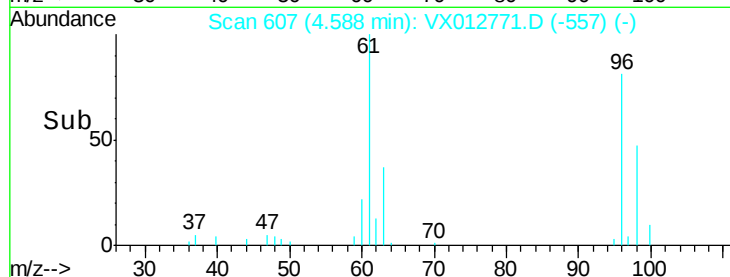
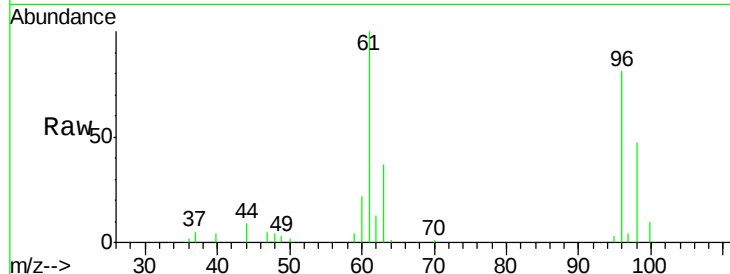


#27

cis-1,2-Dichloroethene
Concen: 4.327 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012771.D
Acq: 02 Oct 2019 19:57

Instrument :
MSVOA_X
ClientSampleId :
S49-0524

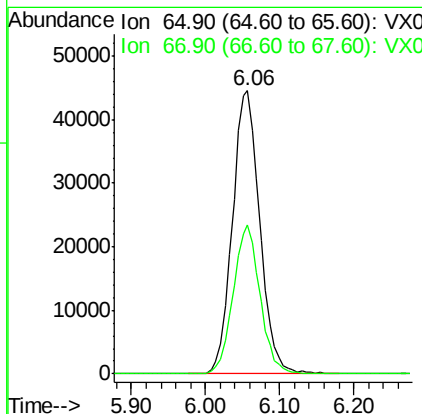
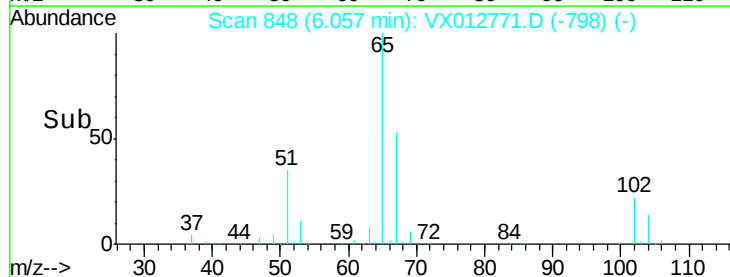
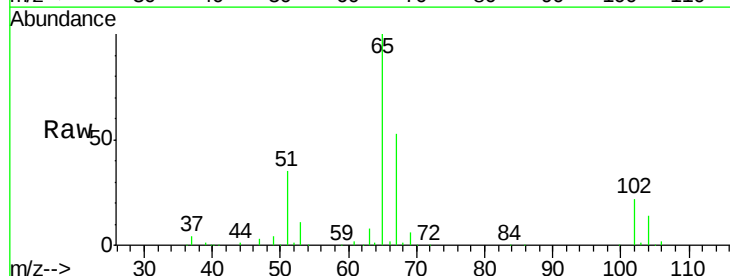
Tot Ion: 96 Resp: 9731
Ion Ratio Lower Upper
96 100
61 135.2 0.0 319.4
98 65.7 0.0 130.6

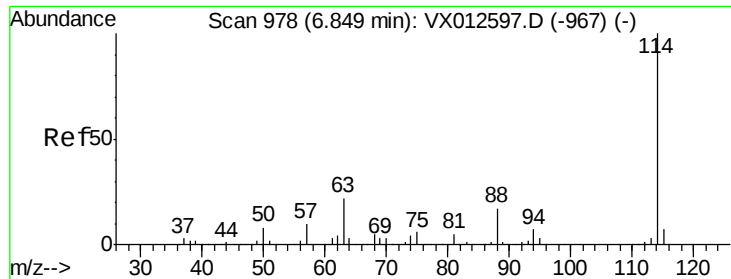


#33

1,2-Dichloroethane-d4
Concen: 48.434 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012771.D
Acq: 02 Oct 2019 19:57

Tgt Ion: 65 Resp: 114754
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.2

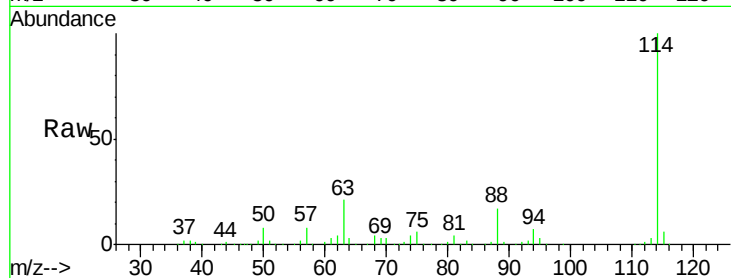




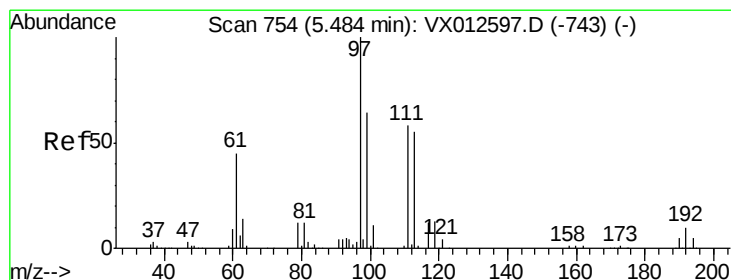
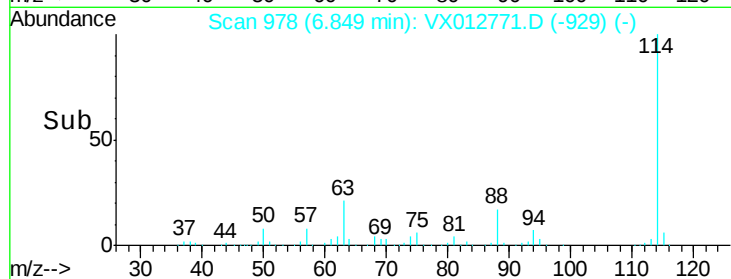
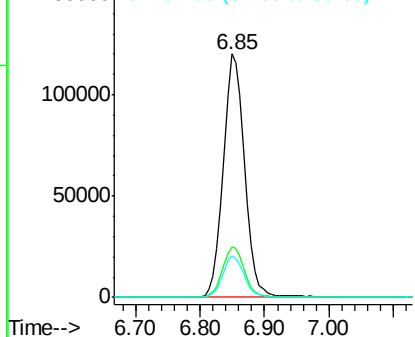
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012771.D
Acq: 02 Oct 2019 19:57

Instrument :
MSVOA_X
ClientSampleId :
S49-0524

Tot Ion:114 Resp: 283282
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.2
88 17.2 0.0 33.2

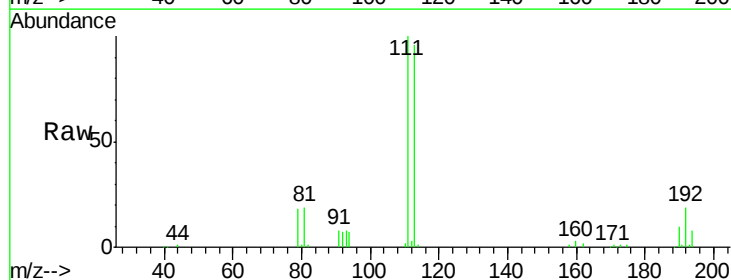


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

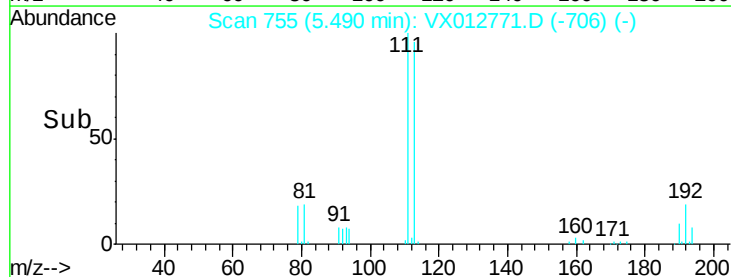
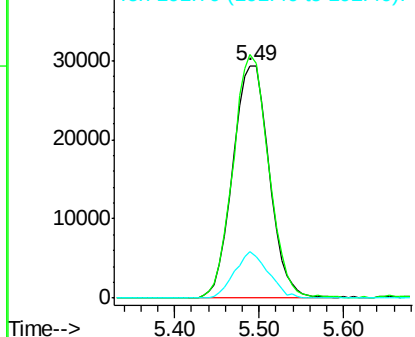


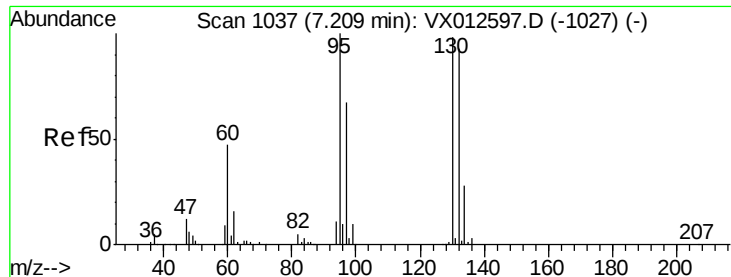
#35
Dibromofluoromethane
Concen: 51.101 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012771.D
Acq: 02 Oct 2019 19:57

Tgt Ion:113 Resp: 86210
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.2
192 18.6 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: 0.677 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012771.D

Acq: 02 Oct 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

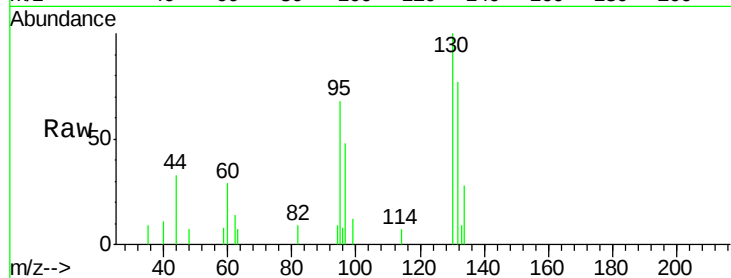
S49-0524

Tot Ion:130 Resp: 1391

Ion Ratio Lower Upper

130 100

95 68.1 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

800

600

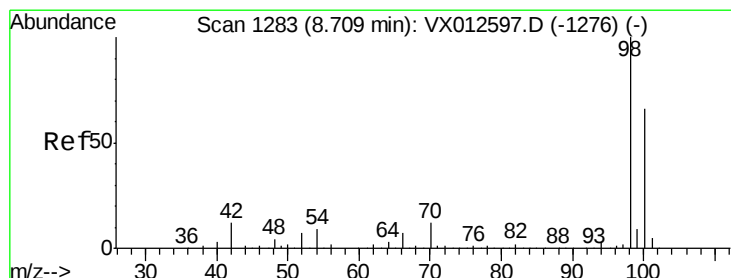
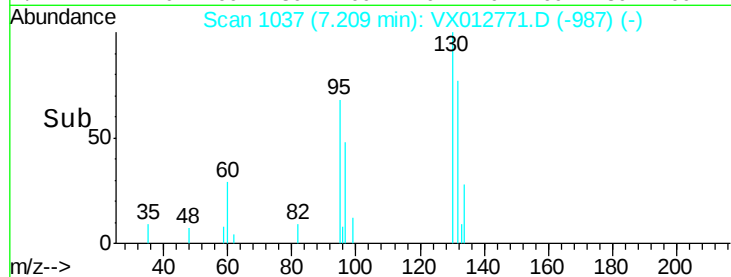
400

200

0

7.15 7.20 7.25

Time-->



#50

Toluene-d8

Concen: 50.825 ug/l

RT: 8.71 min Scan# 1284

Delta R.T. 0.01 min

Lab File: VX012771.D

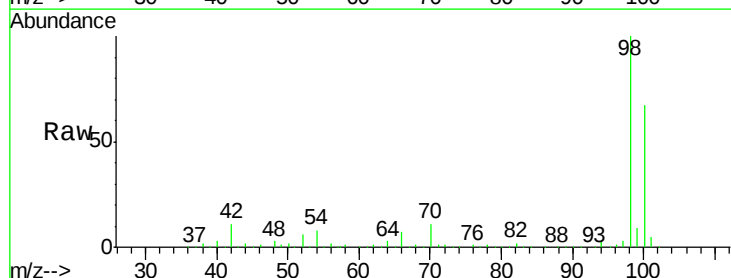
Acq: 02 Oct 2019 19:57

Tgt Ion: 98 Resp: 330207

Ion Ratio Lower Upper

98 100

100 67.5 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

200000

150000

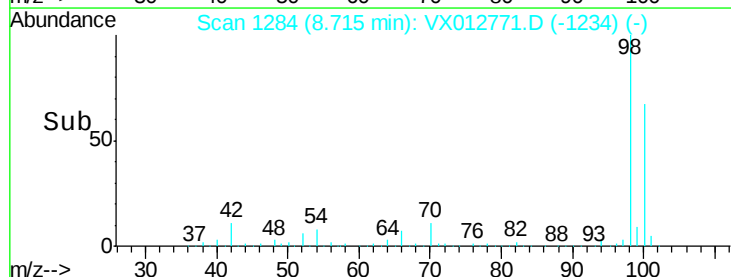
100000

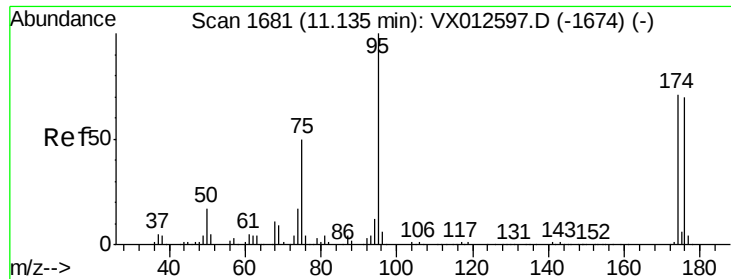
50000

0

8.60 8.70 8.80

Time-->





#62

4-Bromofluorobenzene

Concen: 40.864 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012771.D

Acq: 02 Oct 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

S49-0524

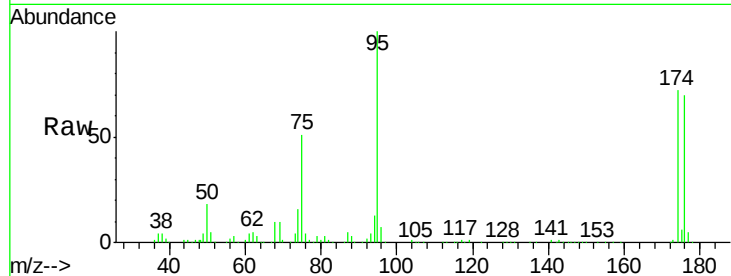
Tot Ion: 95 Resp: 104394

Ion Ratio Lower Upper

95 100

174 71.4 0.0 140.0

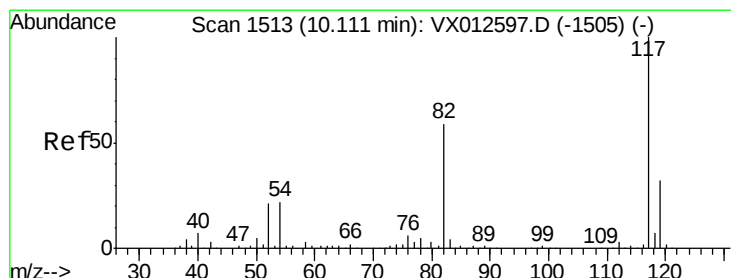
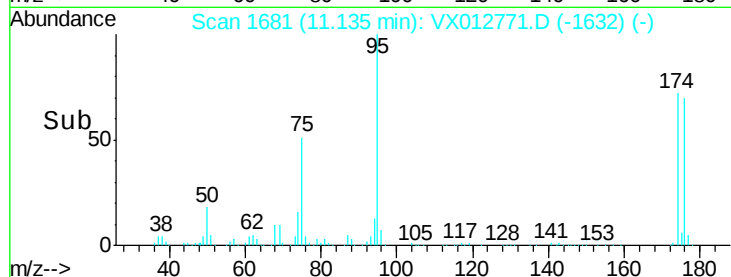
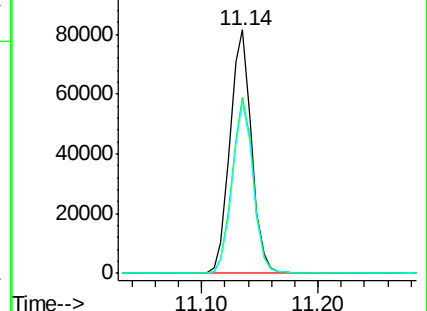
176 68.9 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012771.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012771.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012771.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012771.D

Acq: 02 Oct 2019 19:57

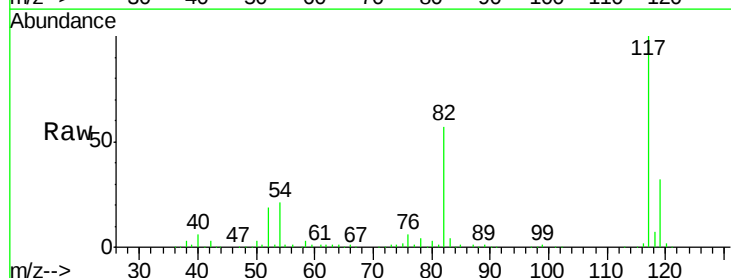
Tgt Ion: 117 Resp: 238689

Ion Ratio Lower Upper

117 100

82 57.2 45.9 68.9

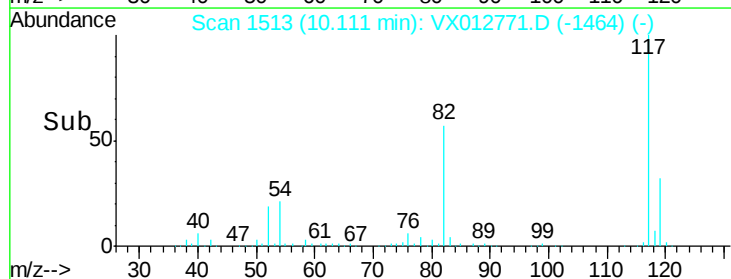
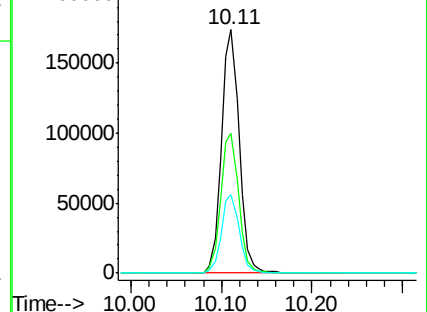
119 32.3 25.3 37.9

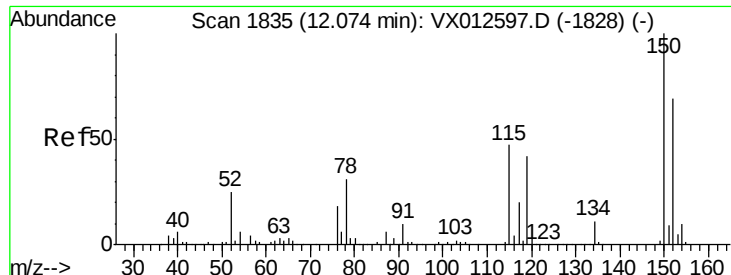


Abundance Ion 116.90 (116.60 to 117.60): VX012771.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012771.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012771.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: VX012771.D

Acq: 02 Oct 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

S49-0524

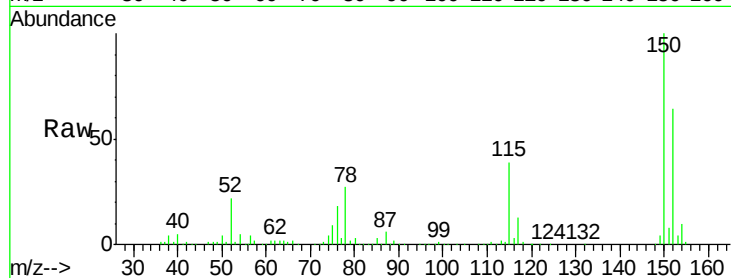
Tot Ion:152 Resp: 85132

Ion Ratio Lower Upper

152 100

115 64.0 44.1 132.3

150 156.9 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

