

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092619\
 Data File : VX012675.D
 Acq On : 26 Sep 2019 15:39
 Operator : JC/SP
 Sample : K5048-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0527

Quant Time: Sep 27 00:38:52 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

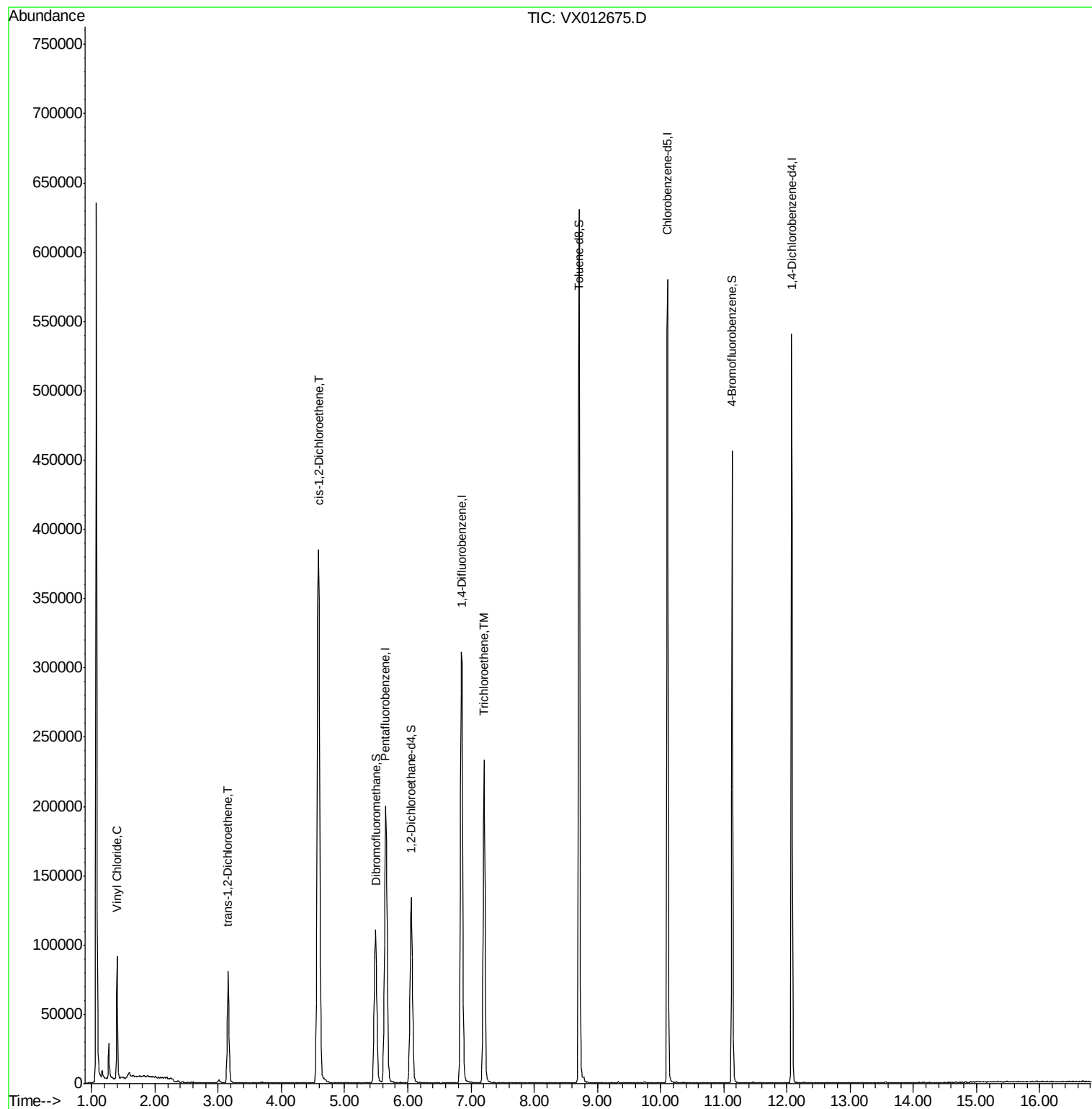
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	173839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	306351	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	99839	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	130410	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
35) Dibromofluoromethane	5.49	113	93993	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
50) Toluene-d8	8.71	98	365677	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
62) 4-Bromofluorobenzene	11.14	95	127684	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.44%	
Target Compounds						
4) Vinyl Chloride	1.40	62	53983	24.185	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	32987	15.931	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	242422	100.898	ug/l	86
44) Trichloroethene	7.21	130	87963	39.603	ug/l	96

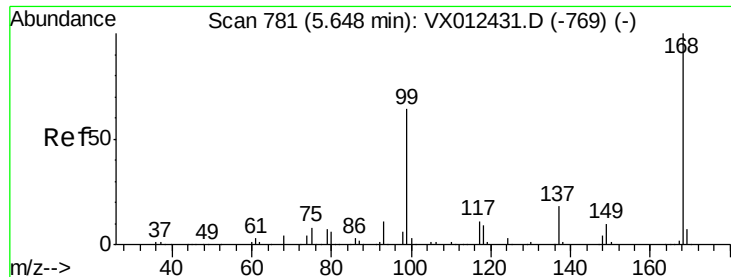
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 781

Delta R.T. 0.00 min

Lab File: VX012675.D

Acq: 26 Sep 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

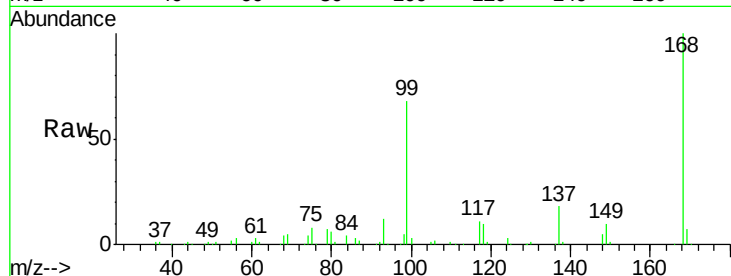
S49-0527

Tot Ion:168 Resp: 173839

Ion Ratio Lower Upper

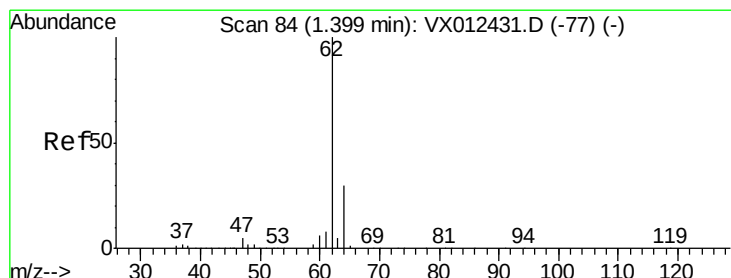
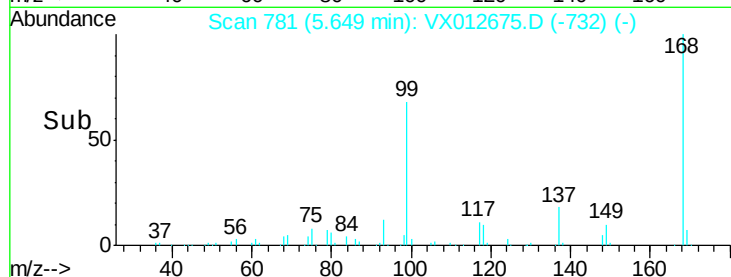
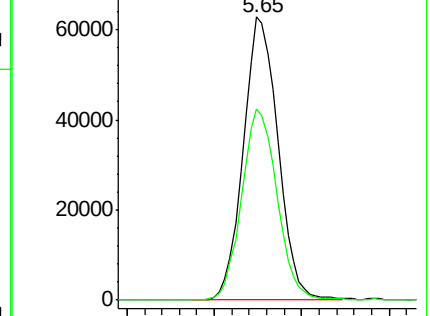
168 100

99 67.6 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: 24.185 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012675.D

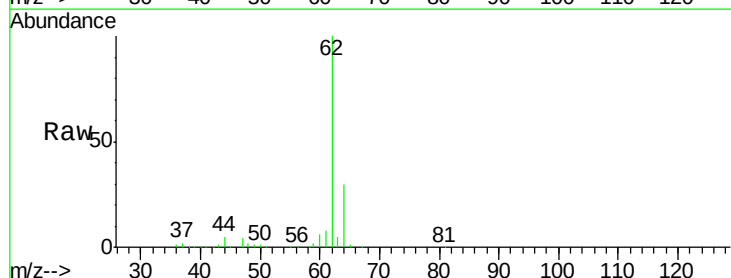
Acq: 26 Sep 2019 15:39

Tgt Ion: 62 Resp: 53983

Ion Ratio Lower Upper

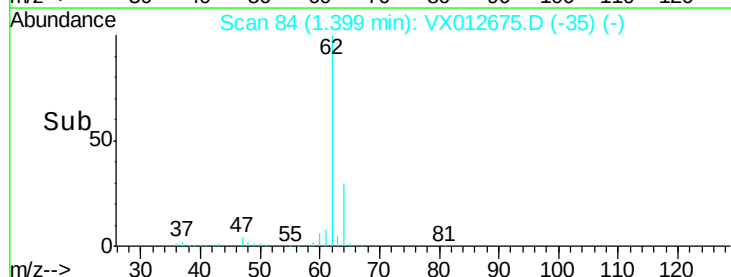
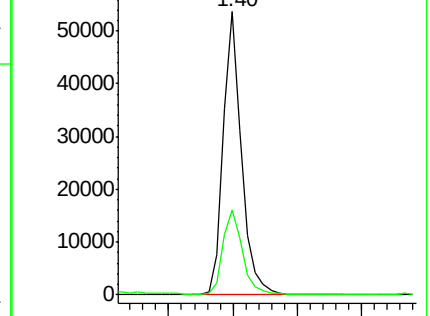
62 100

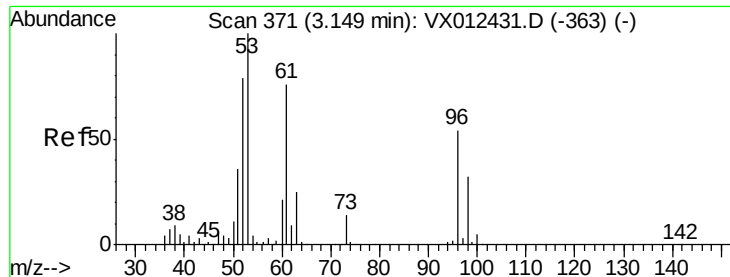
64 29.6 24.2 36.2



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: 15.931 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012675.D

Acq: 26 Sep 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

S49-0527

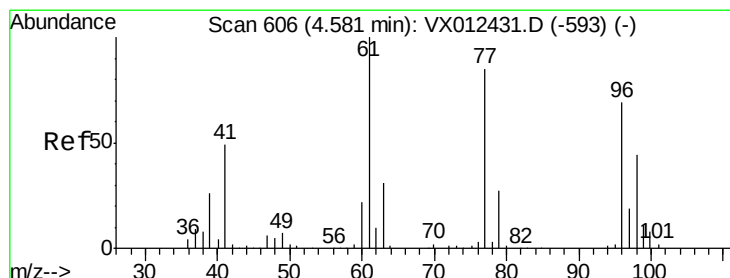
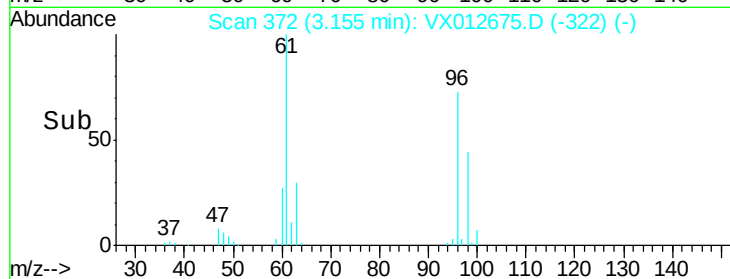
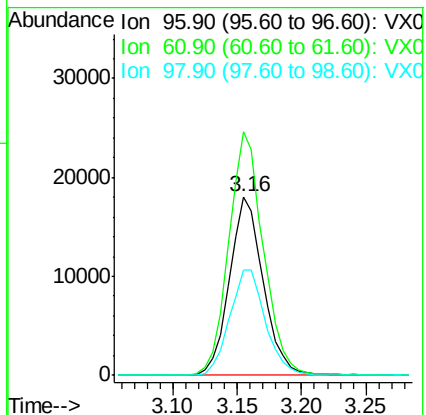
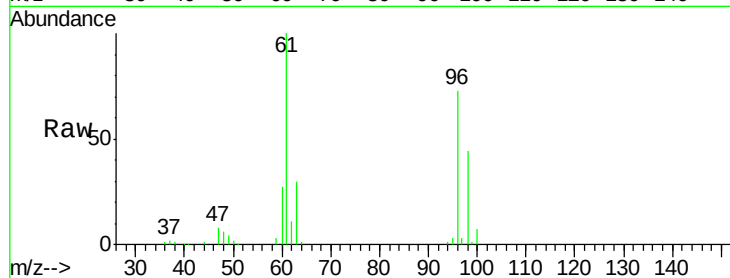
Tot Ion: 96 Resp: 32987

Ion Ratio Lower Upper

96 100

61 136.5 112.0 168.0

98 59.4 47.8 71.8



#27

cis-1,2-Dichloroethene

Concen: 100.898 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX012675.D

Acq: 26 Sep 2019 15:39

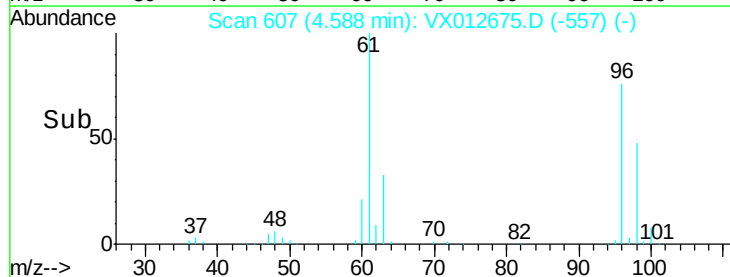
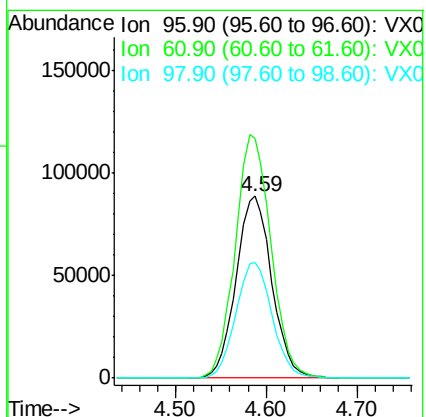
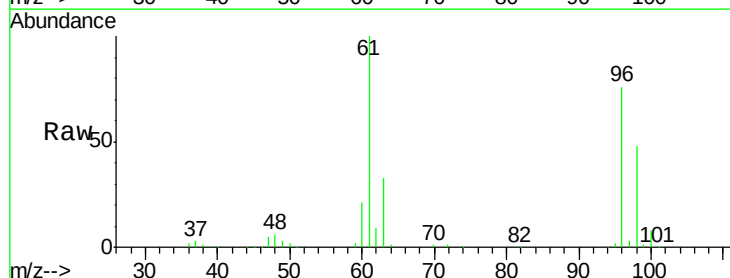
Tgt Ion: 96 Resp: 242422

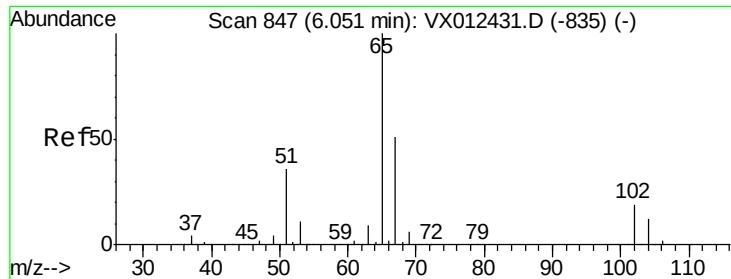
Ion Ratio Lower Upper

96 100

61 134.6 0.0 319.4

98 64.6 0.0 130.6

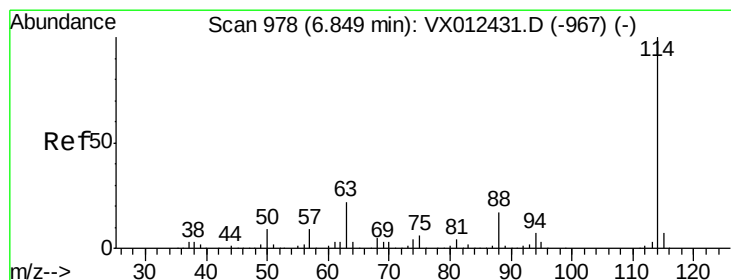
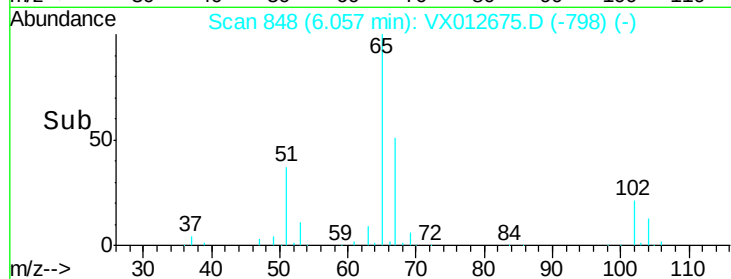
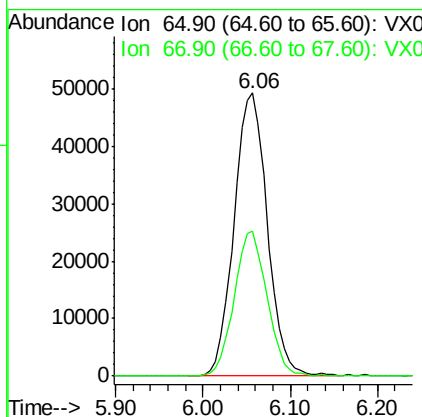
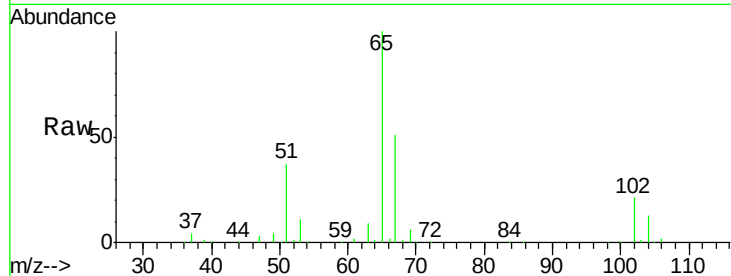




#33
 1,2-Dichloroethane-d4
 Concen: 51.516 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012675.D
 Acq: 26 Sep 2019 15:39

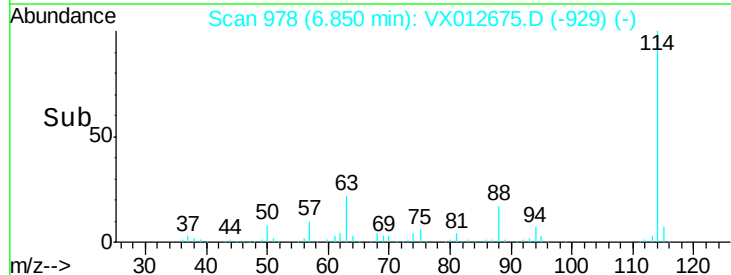
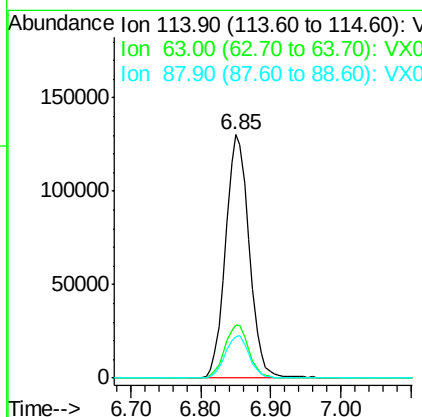
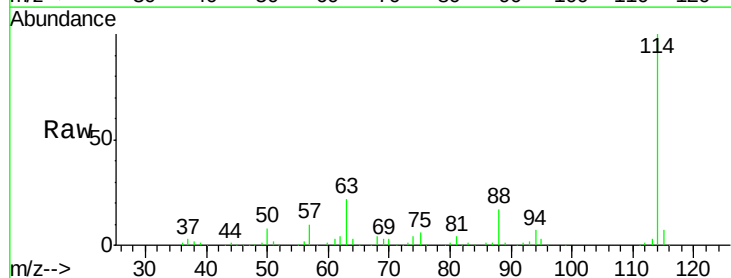
Instrument :
 MSVOA_X
 ClientSampled :
 S49-0527

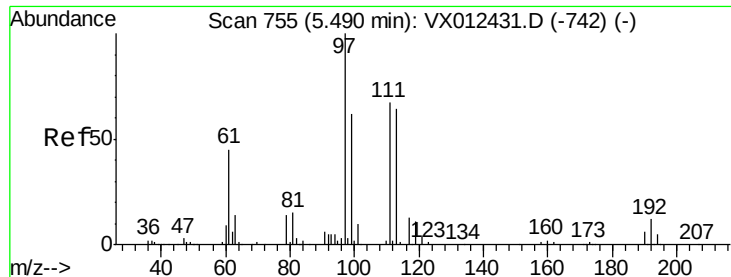
Tot Ion: 65 Resp: 130410
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012675.D
 Acq: 26 Sep 2019 15:39

Tgt Ion: 114 Resp: 306351
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.2
 88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.518 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012675.D

Acq: 26 Sep 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

S49-0527

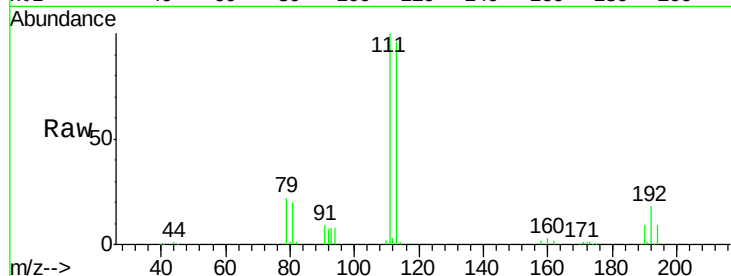
Tot Ion:113 Resp: 93993

Ion Ratio Lower Upper

113 100

111 102.0 83.4 125.2

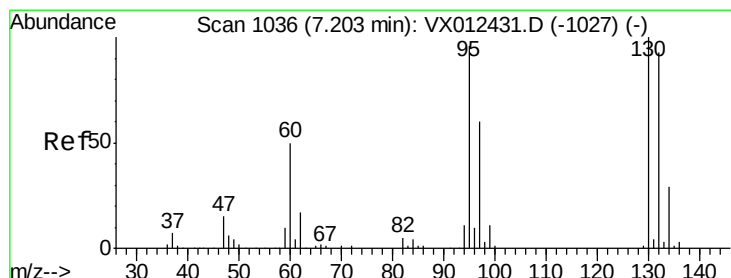
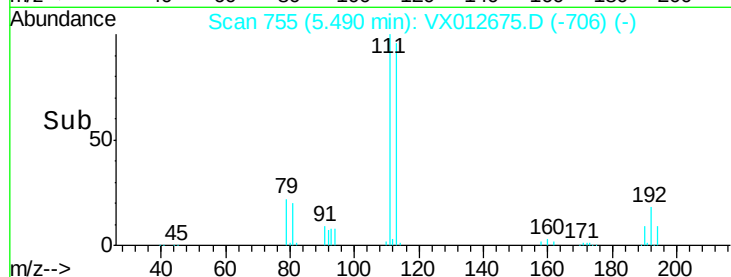
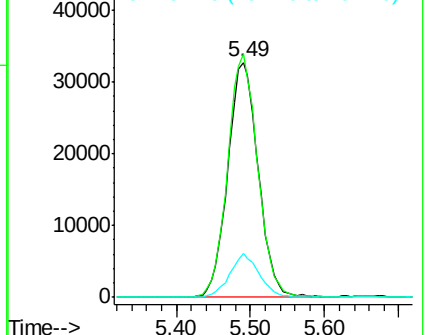
192 17.9 14.4 21.6



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: 39.603 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012675.D

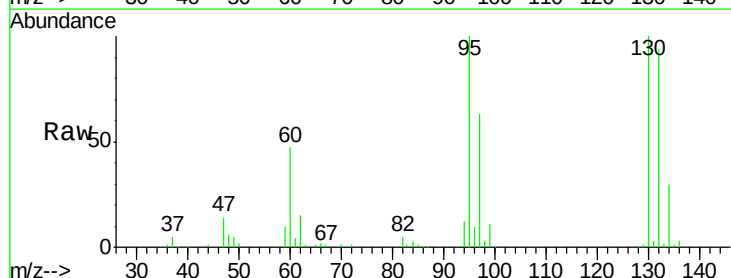
Acq: 26 Sep 2019 15:39

Tgt Ion:130 Resp: 87963

Ion Ratio Lower Upper

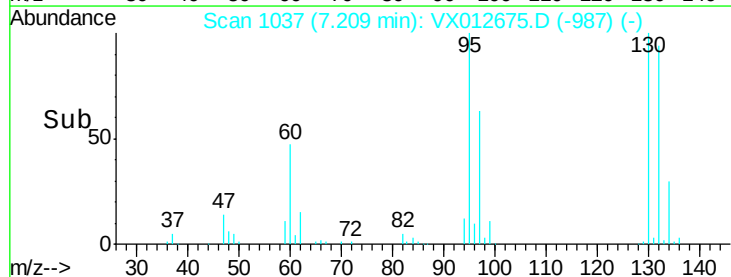
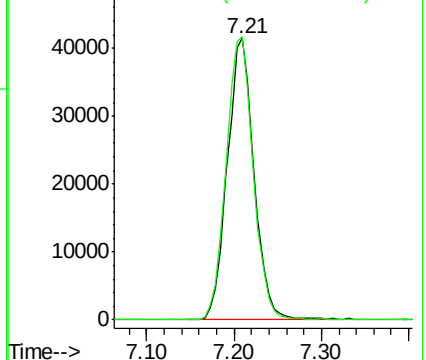
130 100

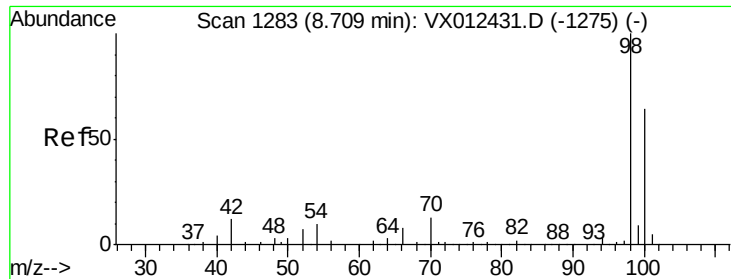
95 100.4 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 52.046 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012675.D

Acq: 26 Sep 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

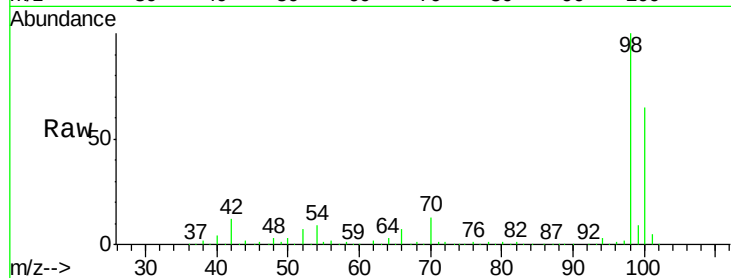
S49-0527

Tot Ion: 98 Resp: 365677

Ion Ratio Lower Upper

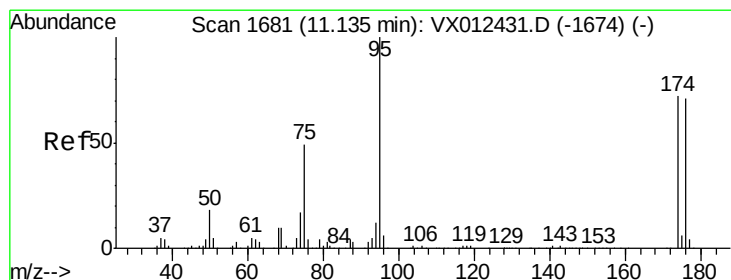
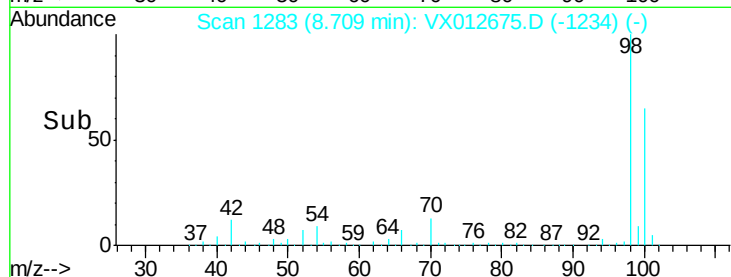
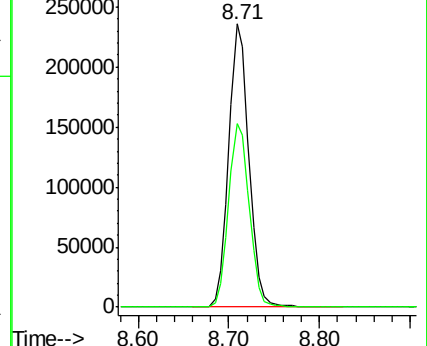
98 100

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): V



#62

4-Bromofluorobenzene

Concen: 46.217 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012675.D

Acq: 26 Sep 2019 15:39

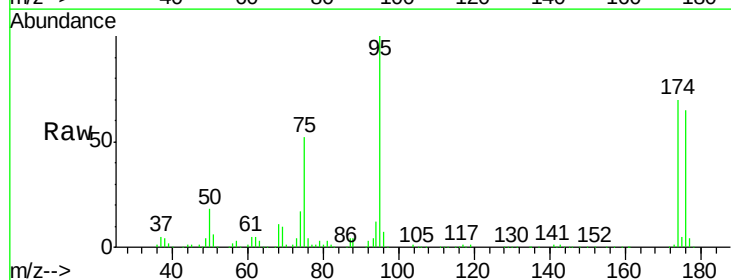
Tgt Ion: 95 Resp: 127684

Ion Ratio Lower Upper

95 100

174 67.4 0.0 140.0

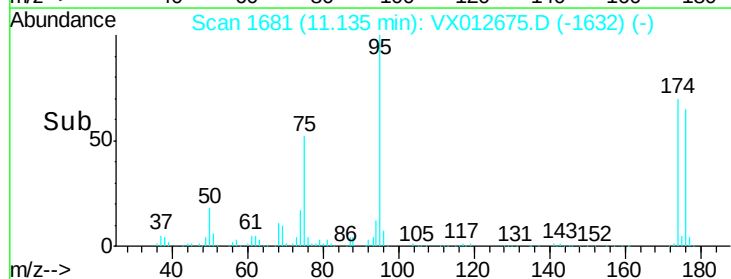
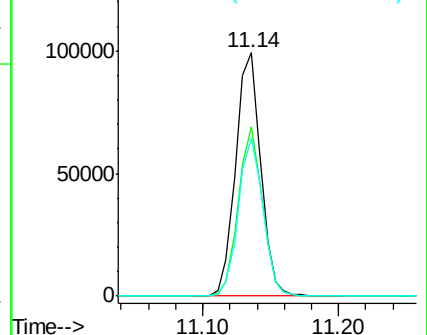
176 63.8 0.0 135.4

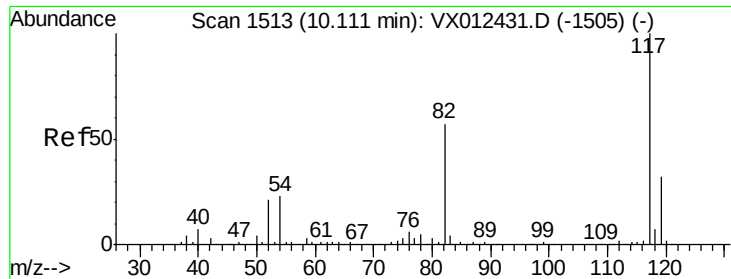


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

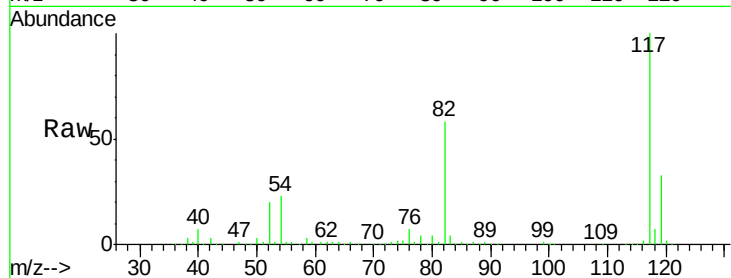




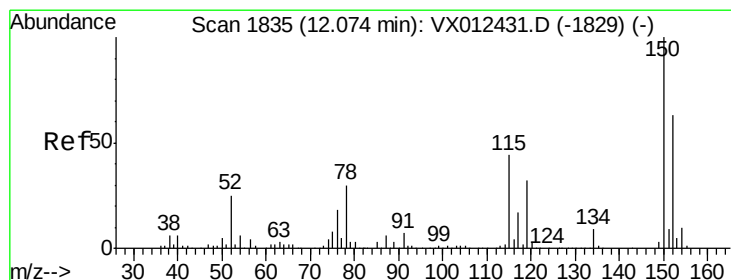
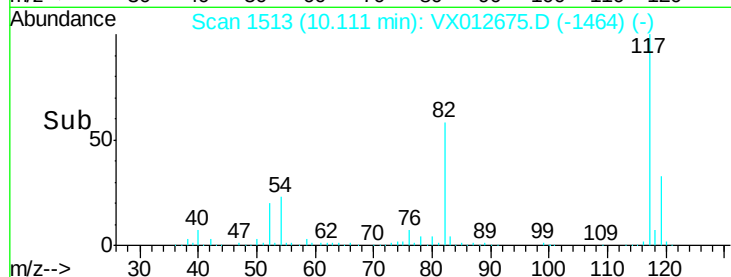
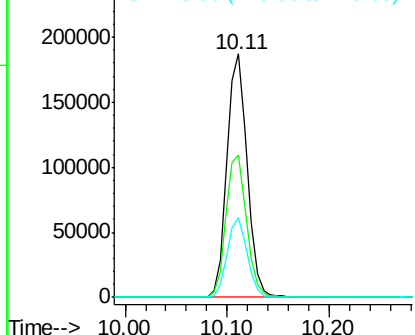
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012675.D
Acq: 26 Sep 2019 15:39

Instrument :
MSVOA_X
ClientSampleId :
S49-0527

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.9	68.9
119	33.0	25.3	37.9

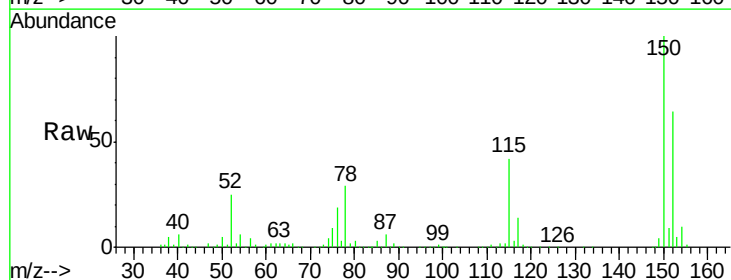


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012675.D
Acq: 26 Sep 2019 15:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.8	44.1	132.3
150	157.5	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

