

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100319\
 Data File : VX012784.D
 Acq On : 03 Oct 2019 15:26
 Operator : JC/SP
 Sample : K5157-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0538

Quant Time: Oct 04 07:19:13 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

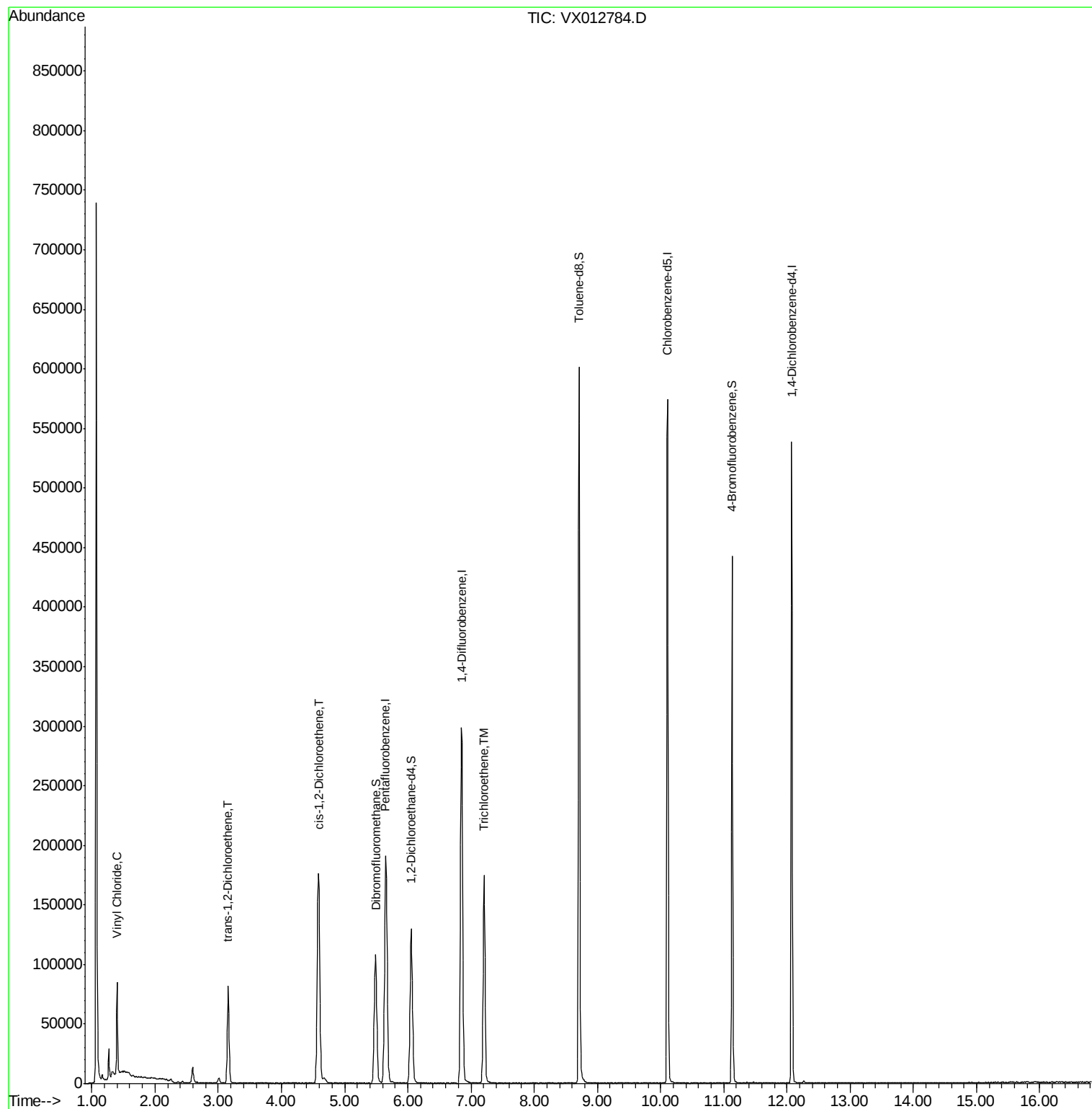
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	172575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	298795	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121657	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
35) Dibromofluoromethane	5.49	113	91434	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
50) Toluene-d8	8.71	98	354648	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	11.14	95	124647	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.52%	
Target Compounds						
4) Vinyl Chloride	1.40	62	46151	20.828	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	34366	16.718	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	114749	48.109	ug/l	82
44) Trichloroethene	7.21	130	67832	31.312	ug/l	91

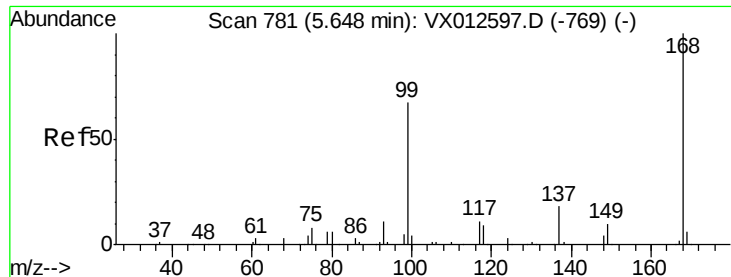
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012784.D

Acq: 03 Oct 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

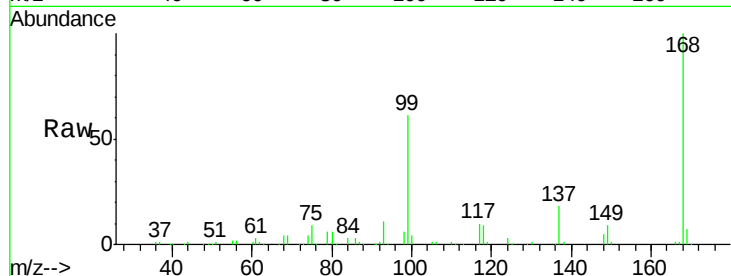
S49-0538

Tot Ion:168 Resp: 172575

Ion Ratio Lower Upper

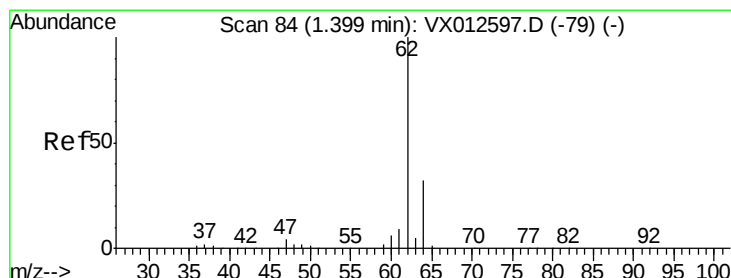
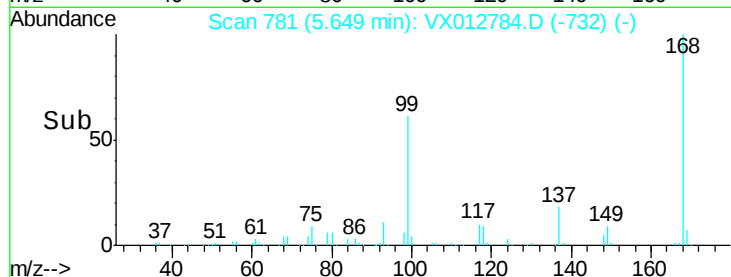
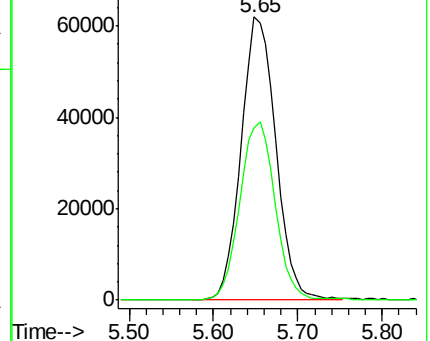
168 100

99 61.0 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: 20.828 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012784.D

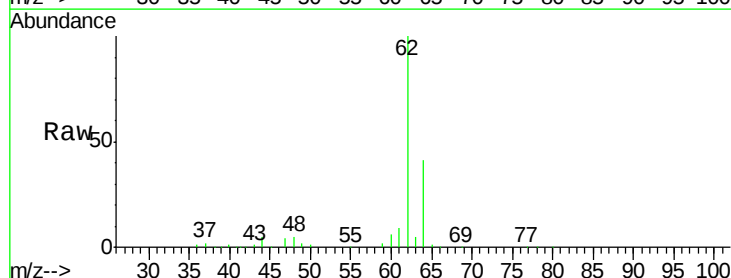
Acq: 03 Oct 2019 15:26

Tgt Ion: 62 Resp: 46151

Ion Ratio Lower Upper

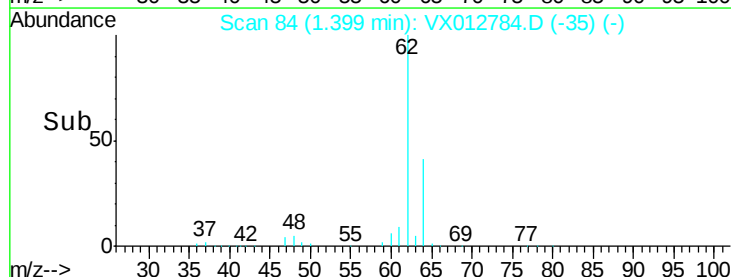
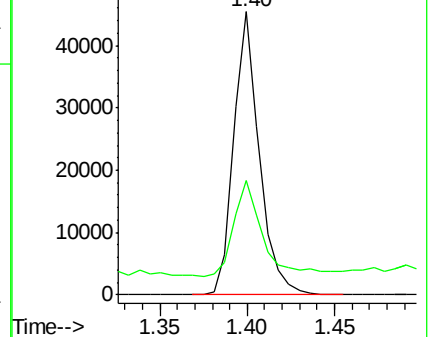
62 100

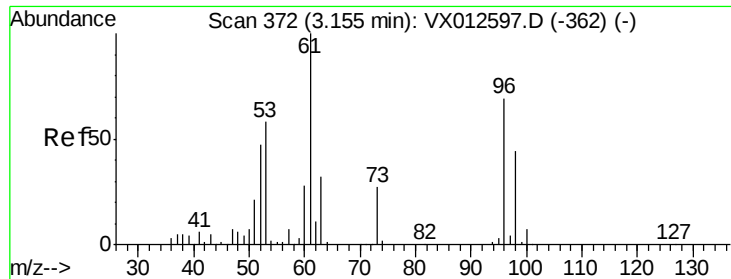
64 33.6 24.2 36.2



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: 16.718 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012784.D

Acq: 03 Oct 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

S49-0538

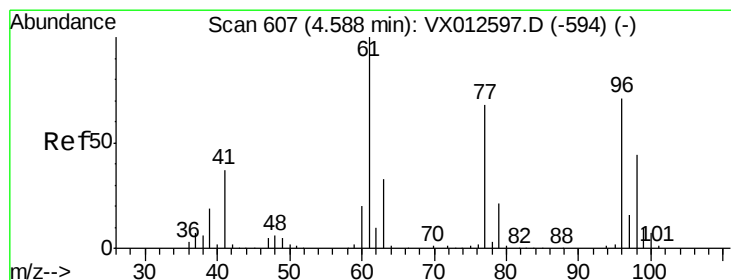
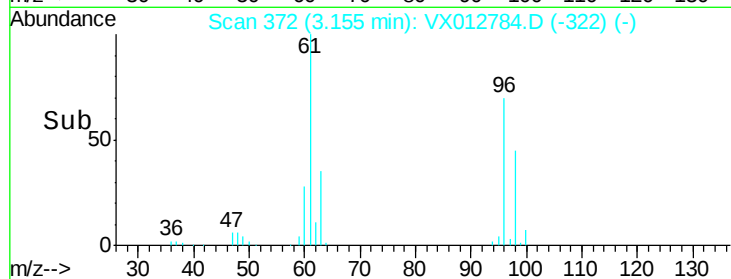
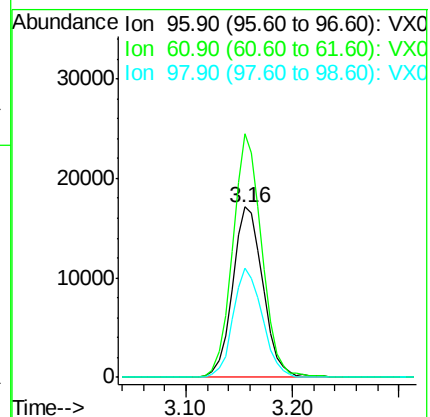
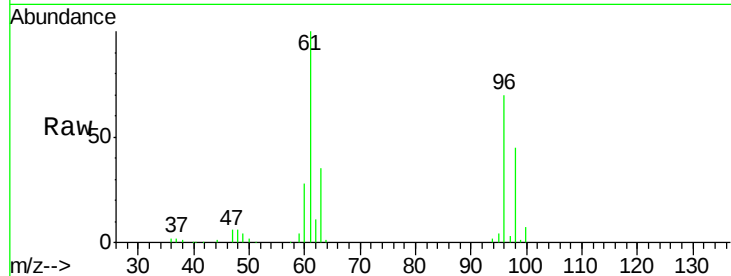
Tot Ion: 96 Resp: 34366

Ion Ratio Lower Upper

96 100

61 142.9 112.0 168.0

98 64.1 47.8 71.8



#27

cis-1,2-Dichloroethene

Concen: 48.109 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX012784.D

Acq: 03 Oct 2019 15:26

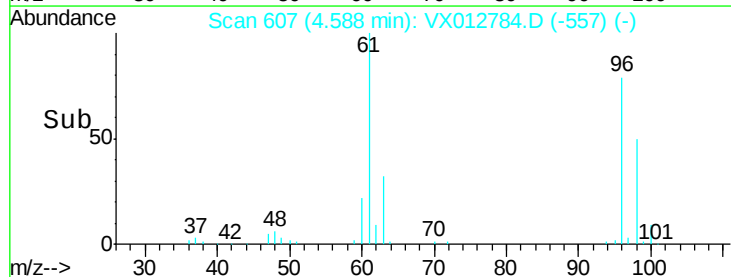
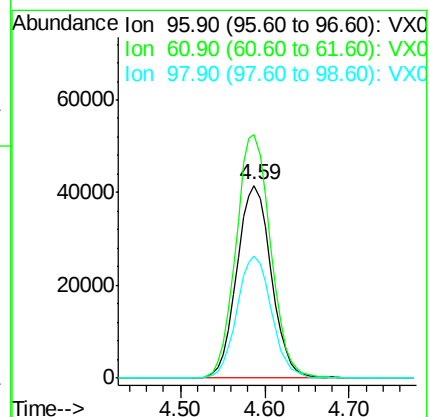
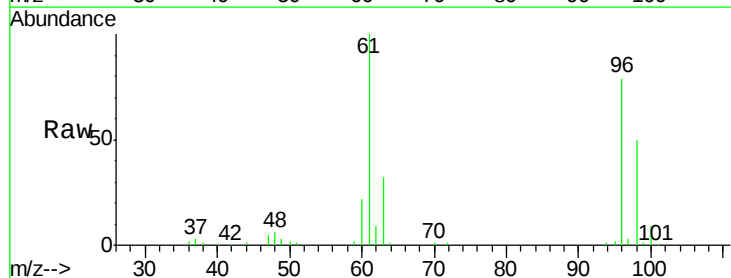
Tgt Ion: 96 Resp: 114749

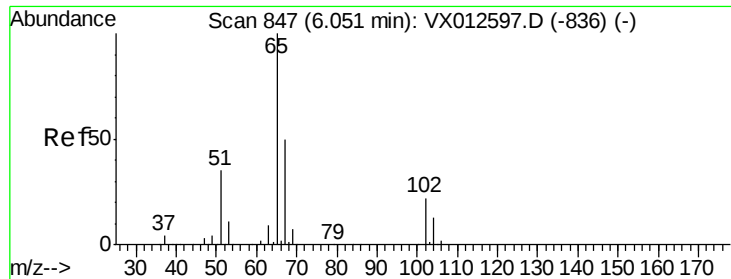
Ion Ratio Lower Upper

96 100

61 127.7 0.0 319.4

98 63.8 0.0 130.6





#33

1,2-Dichloroethane-d4

Concen: 48.411 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012784.D

Acq: 03 Oct 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

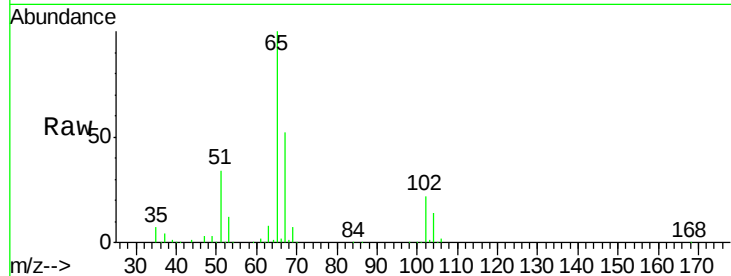
S49-0538

Tot Ion: 65 Resp: 121657

Ion Ratio Lower Upper

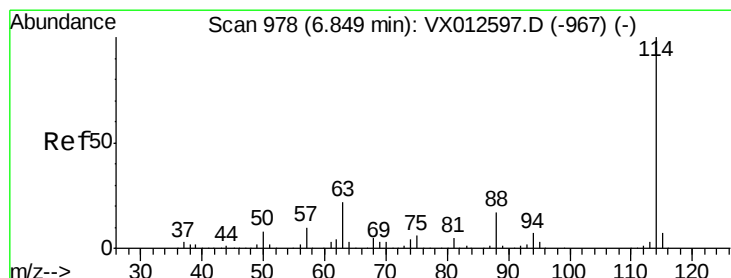
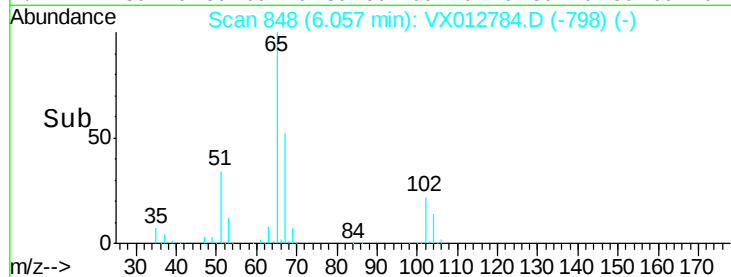
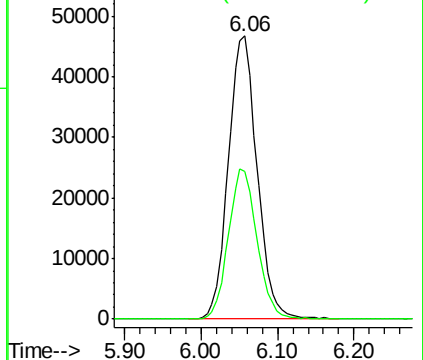
65 100

67 52.9 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: VX012784.D

Acq: 03 Oct 2019 15:26

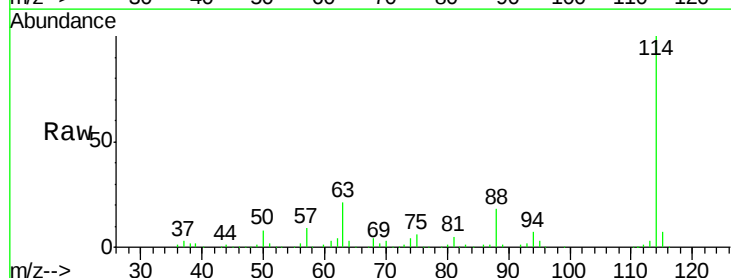
Tgt Ion: 114 Resp: 298795

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

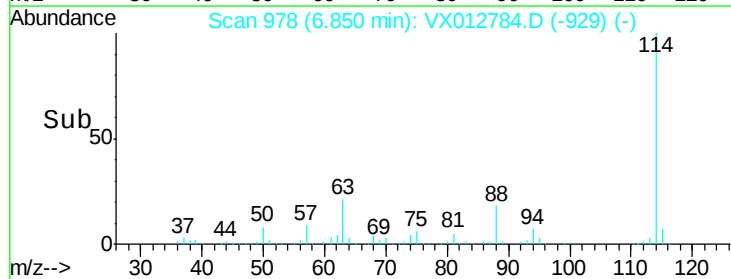
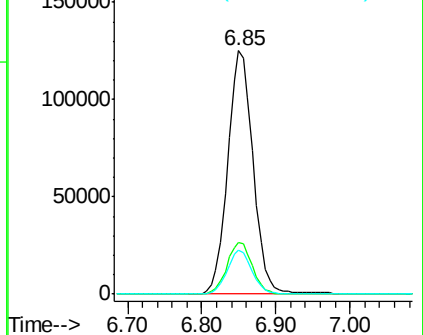
88 17.8 0.0 33.2

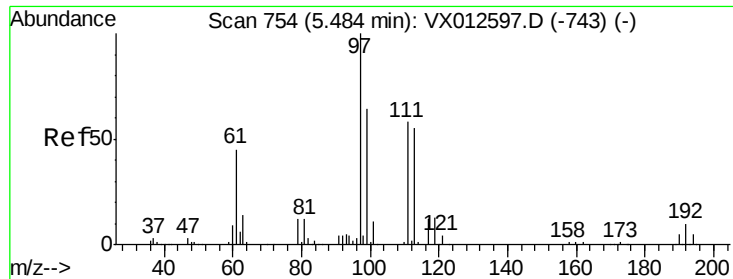


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

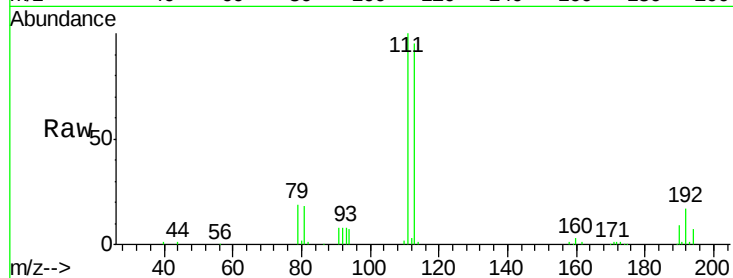




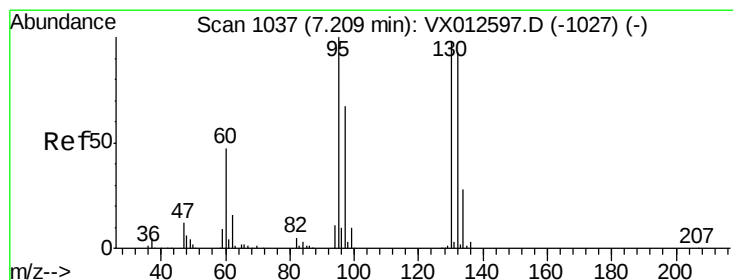
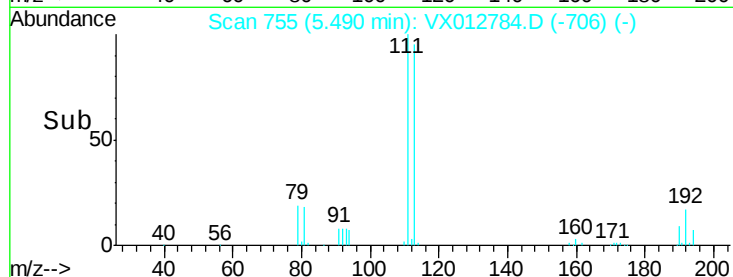
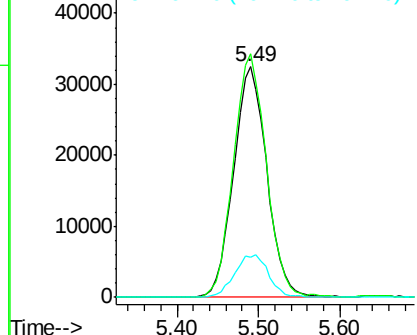
#35
 Dibromofluoromethane
 Concen: 51.383 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012784.D
 Acq: 03 Oct 2019 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0538

Tot Ion:113 Resp: 91434
 Ion Ratio Lower Upper
 113 100
 111 104.4 83.4 125.2
 192 18.9 14.4 21.6

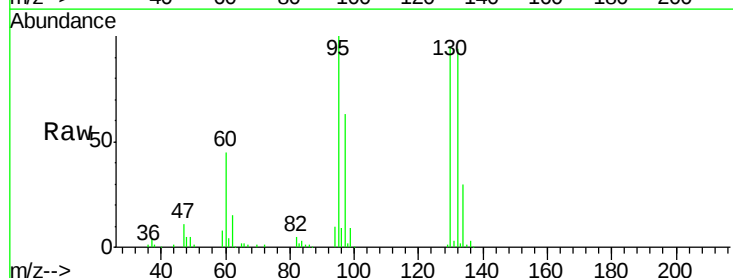


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

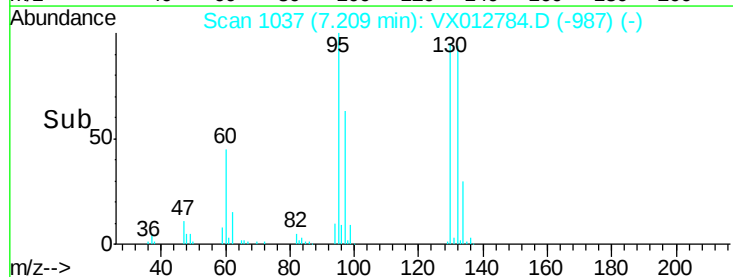
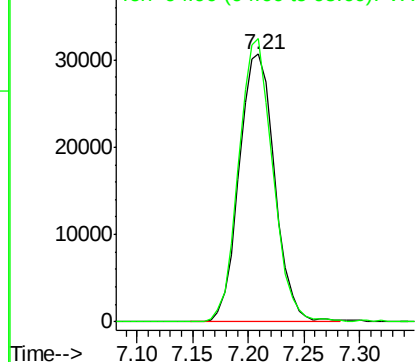


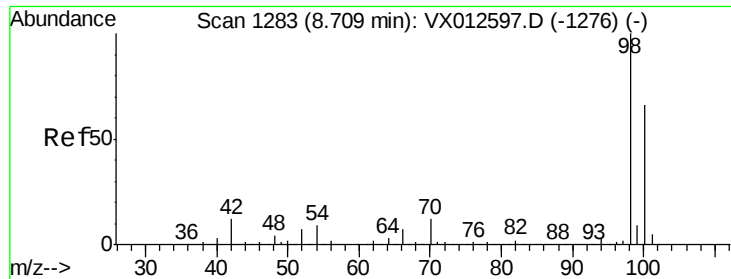
#44
 Trichloroethene
 Concen: 31.312 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012784.D
 Acq: 03 Oct 2019 15:26

Tgt Ion:130 Resp: 67832
 Ion Ratio Lower Upper
 130 100
 95 105.7 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

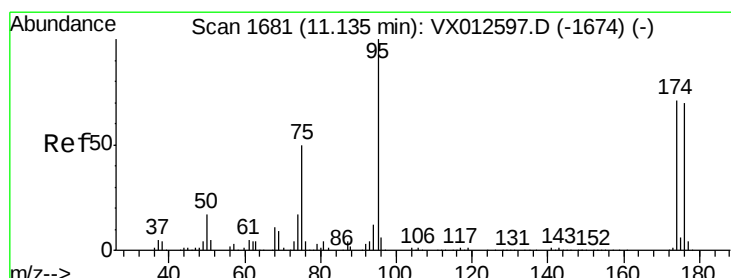
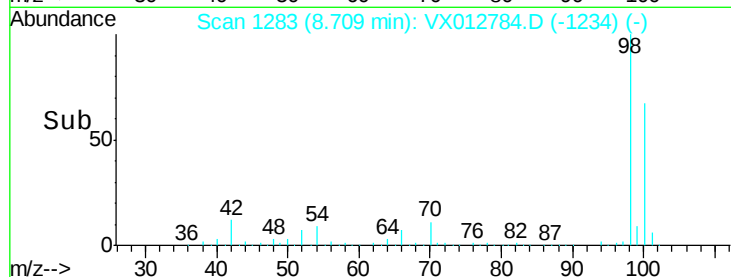
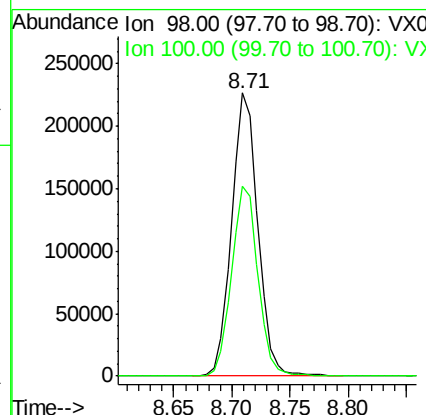
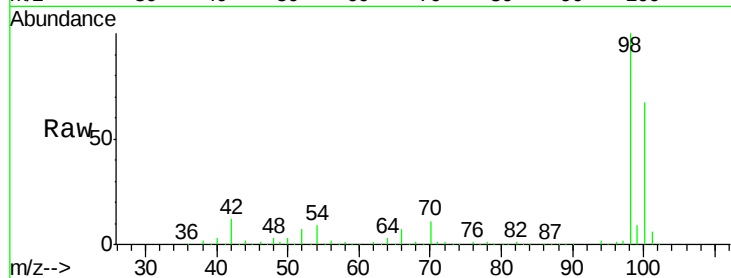




#50
Toluene-d8
Concen: 51.752 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012784.D
Acq: 03 Oct 2019 15:26

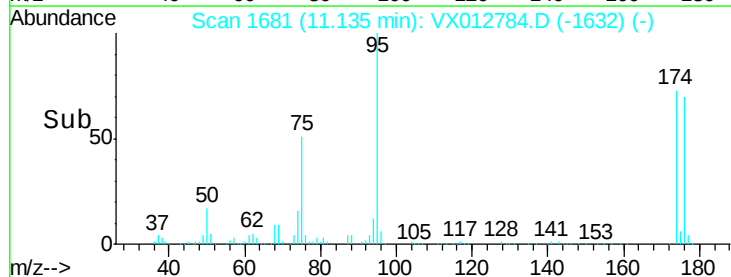
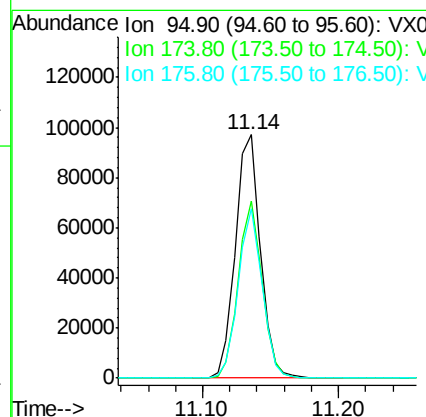
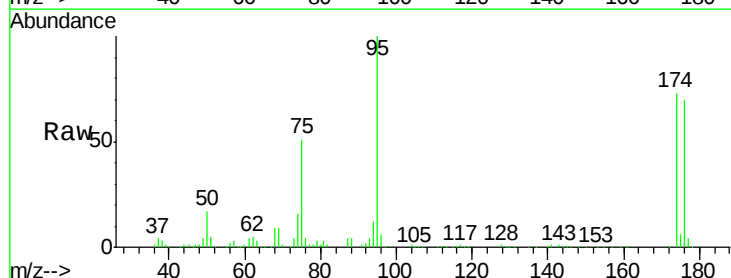
Instrument :
MSVOA_X
ClientSampled :
S49-0538

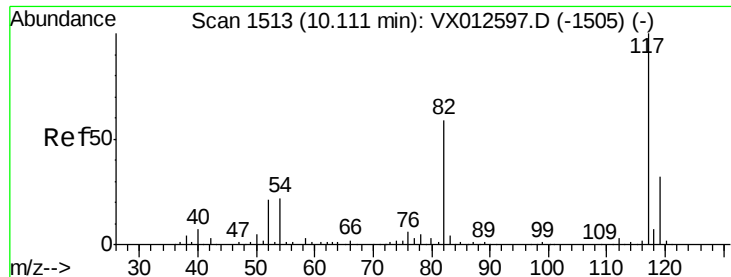
Tot Ion: 98 Resp: 354648
Ion Ratio Lower Upper
98 100
100 67.9 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 46.259 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012784.D
Acq: 03 Oct 2019 15:26

Tgt Ion: 95 Resp: 124647
Ion Ratio Lower Upper
95 100
174 69.8 0.0 140.0
176 66.9 0.0 135.4

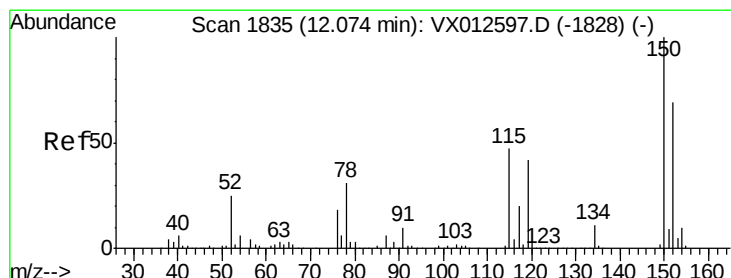
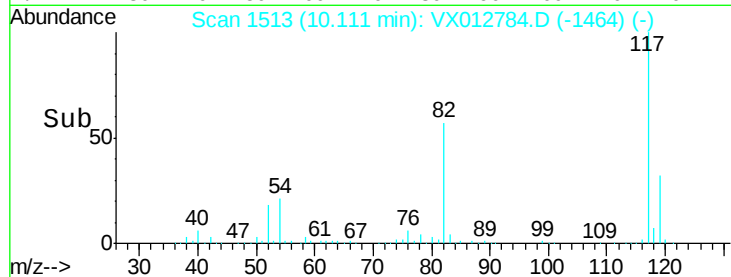
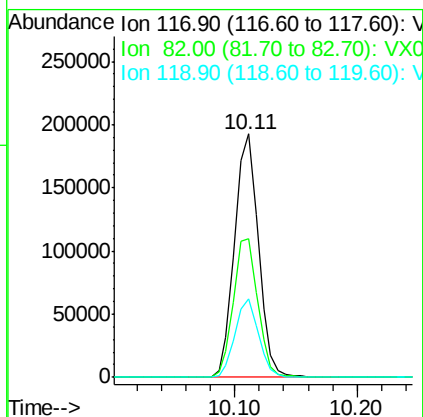
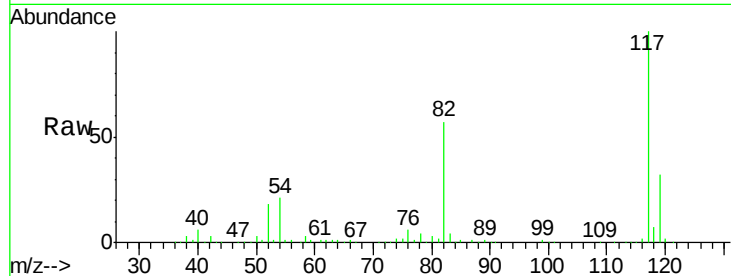




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012784.D
Acq: 03 Oct 2019 15:26

Instrument :
MSVOA_X
ClientSampled :
S49-0538

Tot Ion:117 Resp: 259649
Ion Ratio Lower Upper
117 100
82 56.8 45.9 68.9
119 32.1 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012784.D
Acq: 03 Oct 2019 15:26

Tgt Ion:152 Resp: 101770
Ion Ratio Lower Upper
152 100
115 65.6 44.1 132.3
150 159.0 0.0 343.8

