

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100319\
 Data File : VX012783.D
 Acq On : 03 Oct 2019 15:03
 Operator : JC/SP
 Sample : K5157-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0535

Quant Time: Oct 04 07:16:18 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

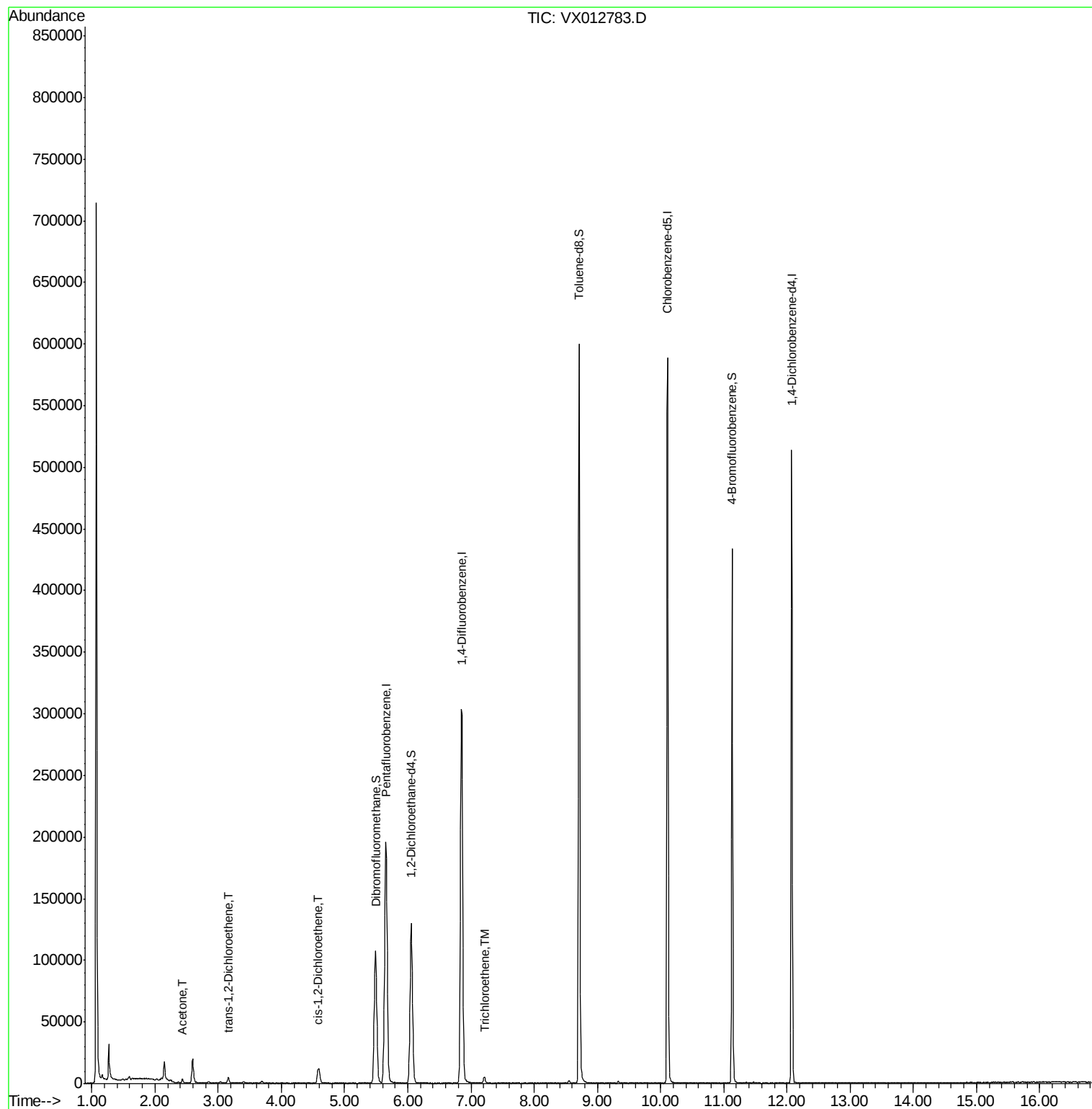
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	182142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	311487	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125692	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
35) Dibromofluoromethane	5.49	113	94169	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
50) Toluene-d8	8.71	98	365228	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
62) 4-Bromofluorobenzene	11.14	95	121041	43.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.18%	
Target Compounds						
16) Acetone	2.43	43	2934	2.088	ug/l #	80
21) trans-1,2-Dichloroethene	3.15	96	2056	0.948	ug/l	85
27) cis-1,2-Dichloroethene	4.58	96	7515	2.985	ug/l	89
44) Trichloroethene	7.22	130	2009	0.890	ug/l	85

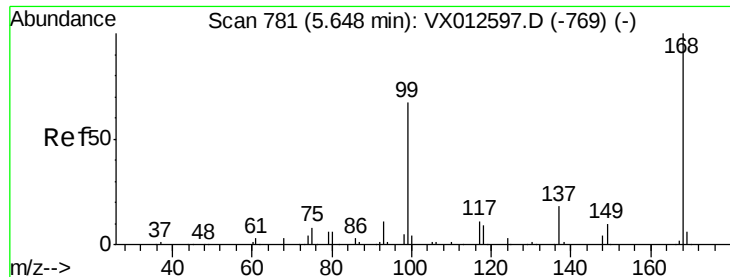
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012783.D

Acq: 03 Oct 2019 15:03

Instrument :

MSVOA_X

ClientSampleId :

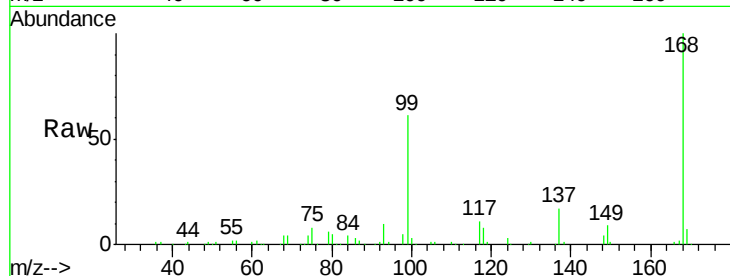
S49-0535

Tot Ion:168 Resp: 182142

Ion Ratio Lower Upper

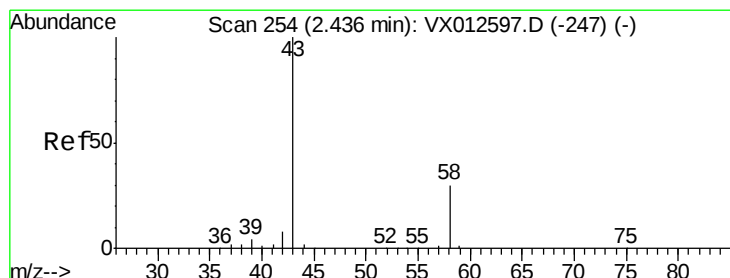
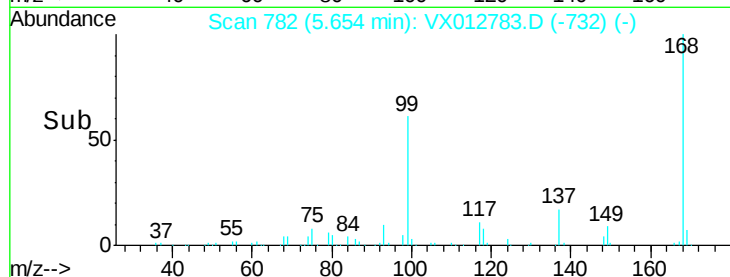
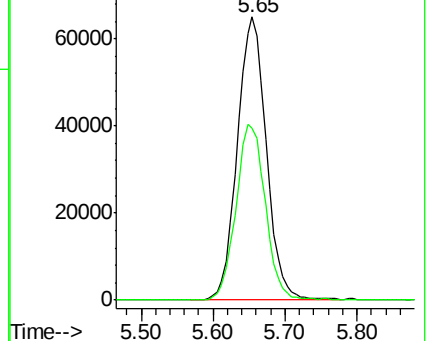
168 100

99 60.8 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.088 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012783.D

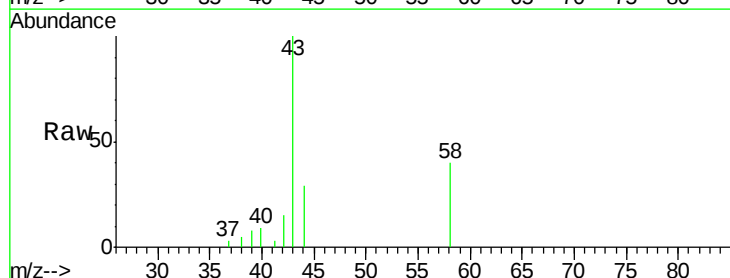
Acq: 03 Oct 2019 15:03

Tgt Ion: 43 Resp: 2934

Ion Ratio Lower Upper

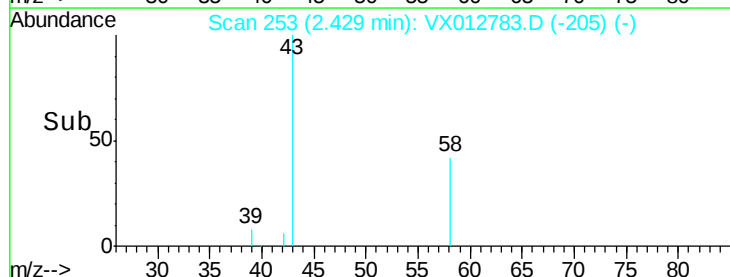
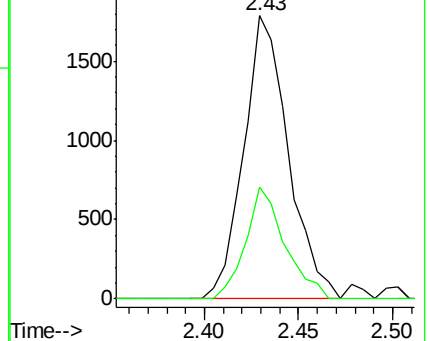
43 100

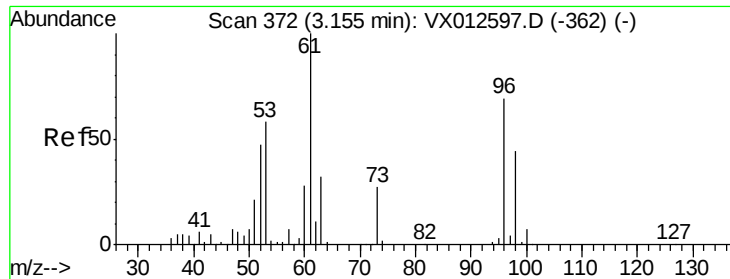
58 39.6 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.948 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012783.D

Acq: 03 Oct 2019 15:03

Instrument :

MSVOA_X

ClientSampleId :

S49-0535

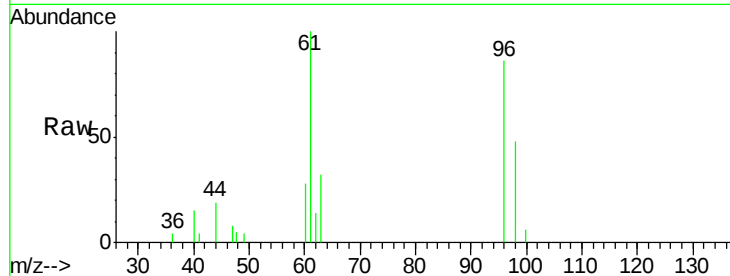
Tot Ion: 96 Resp: 2056

Ion Ratio Lower Upper

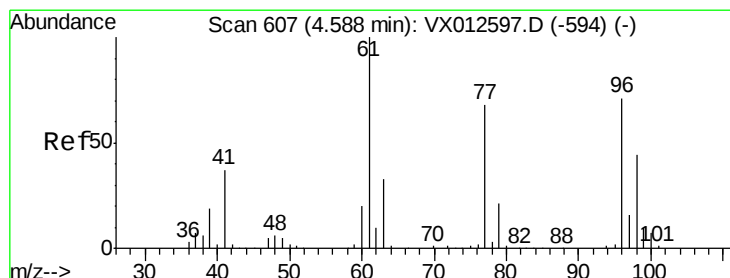
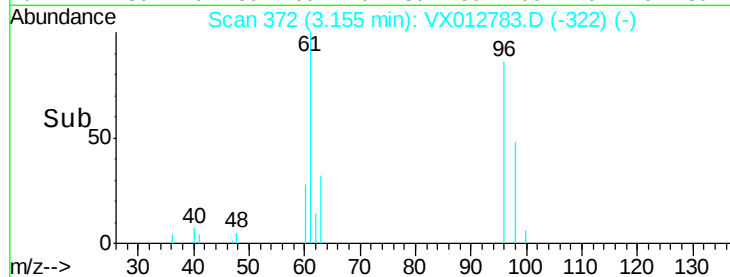
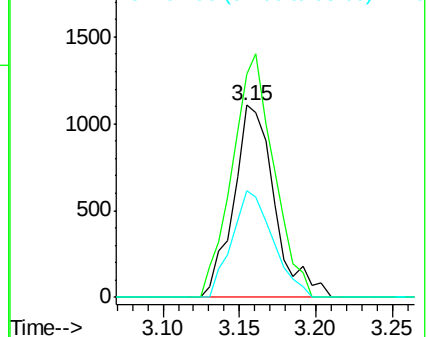
96 100

61 116.2 112.0 168.0

98 55.4 47.8 71.8



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



#27

cis-1,2-Dichloroethene

Concen: 2.985 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.00 min

Lab File: VX012783.D

Acq: 03 Oct 2019 15:03

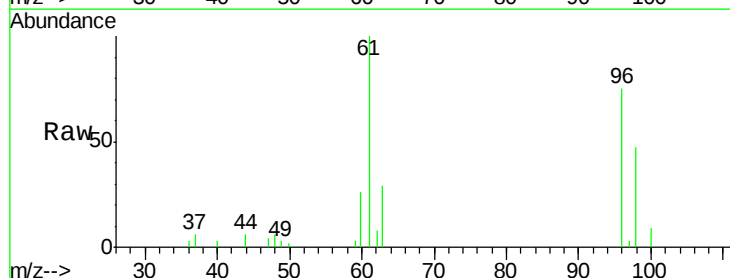
Tgt Ion: 96 Resp: 7515

Ion Ratio Lower Upper

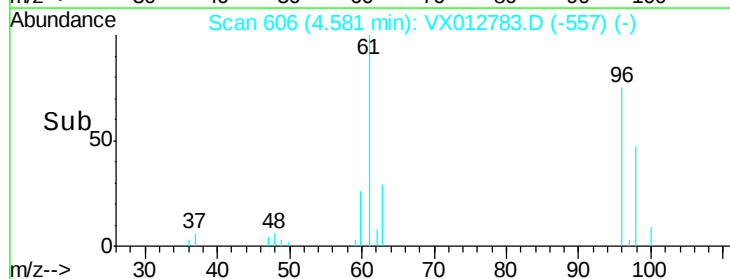
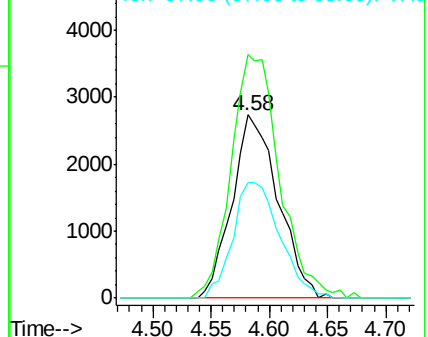
96 100

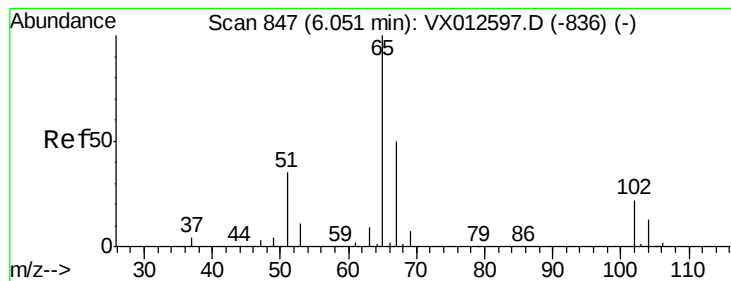
61 140.3 0.0 319.4

98 64.7 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: 47.389 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012783.D

Acq: 03 Oct 2019 15:03

Instrument :

MSVOA_X

ClientSampled :

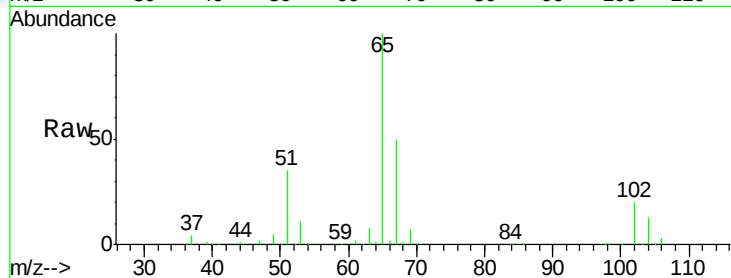
S49-0535

Tot Ion: 65 Resp: 125692

Ion Ratio Lower Upper

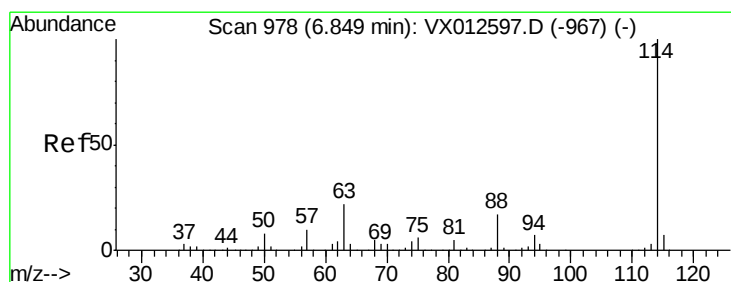
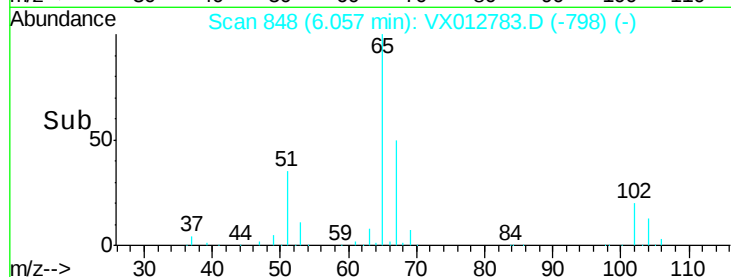
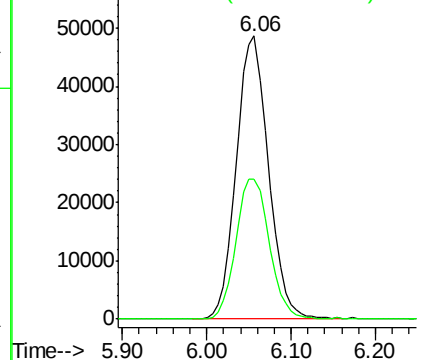
65 100

67 51.6 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: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX012783.D

Acq: 03 Oct 2019 15:03

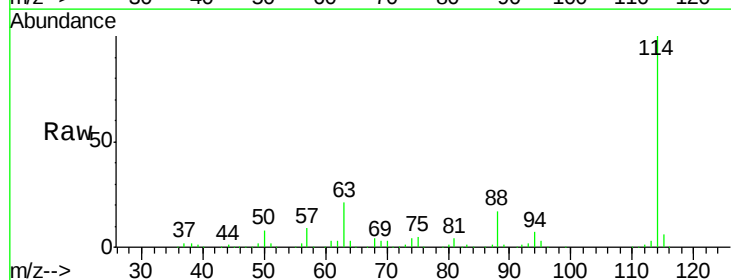
Tgt Ion: 114 Resp: 311487

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.2

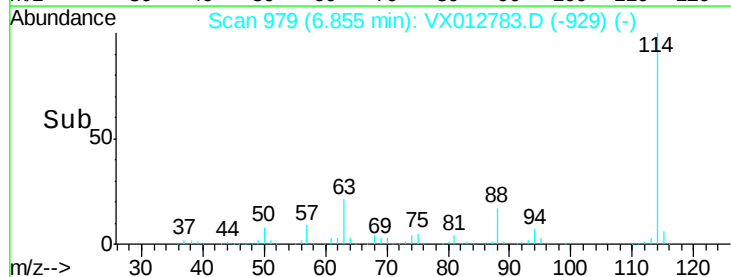
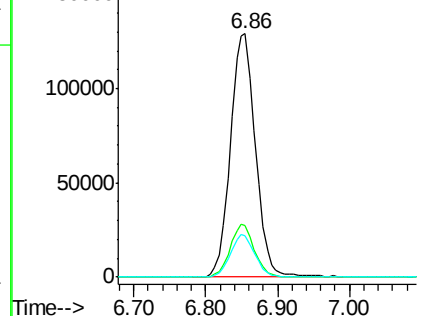
88 16.8 0.0 33.2

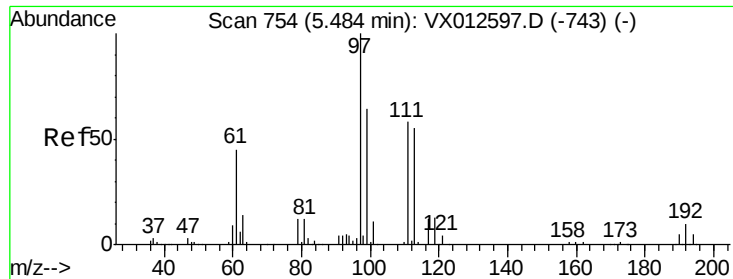


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.764 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012783.D

Acq: 03 Oct 2019 15:03

Instrument :

MSVOA_X

ClientSampleId :

S49-0535

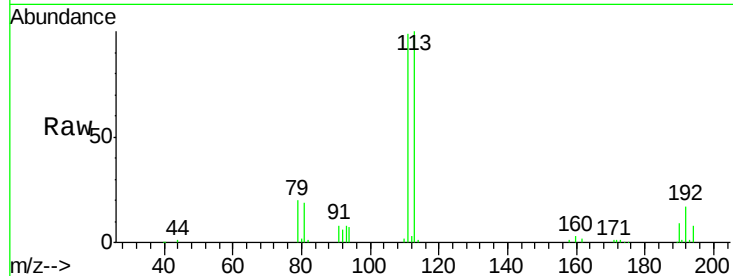
Tot Ion:113 Resp: 94169

Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

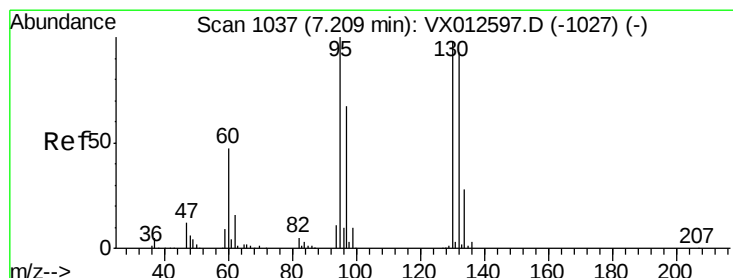
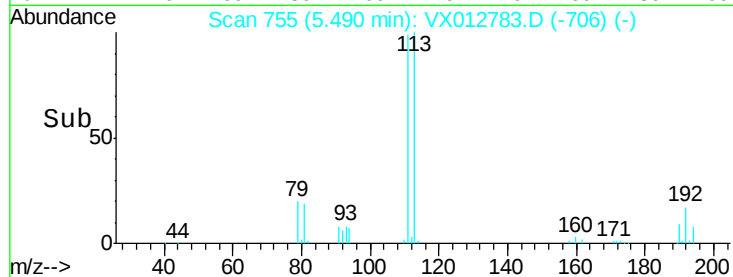
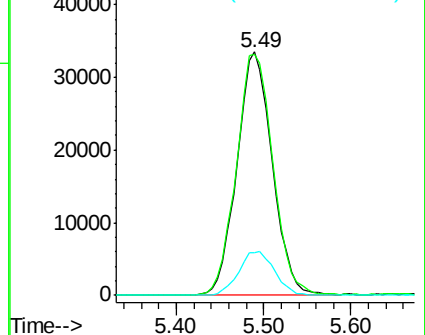
192 18.3 14.4 21.6



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: 0.890 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX012783.D

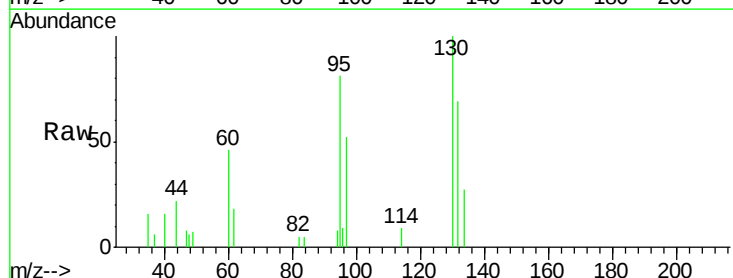
Acq: 03 Oct 2019 15:03

Tgt Ion:130 Resp: 2009

Ion Ratio Lower Upper

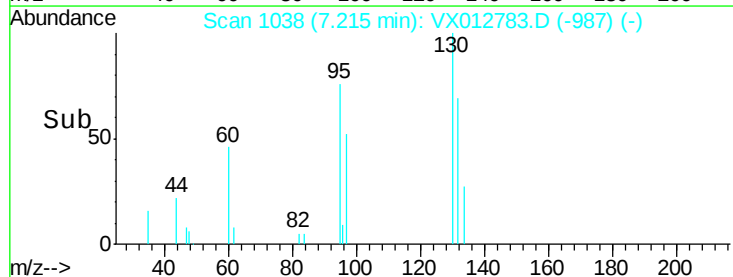
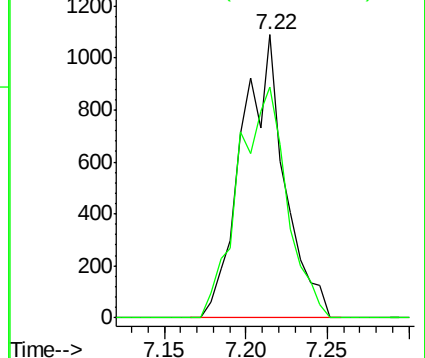
130 100

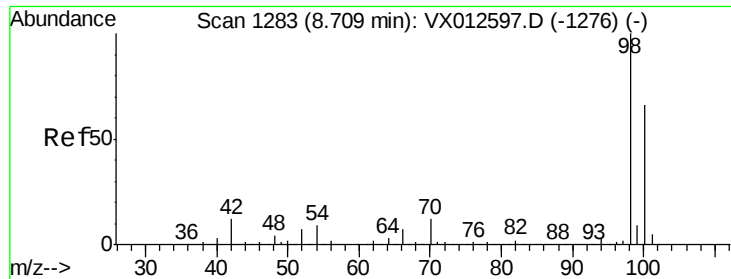
95 81.5 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

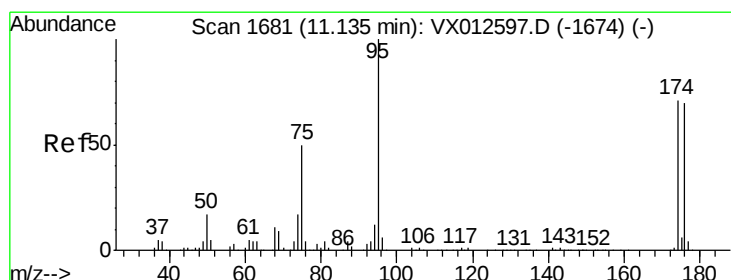
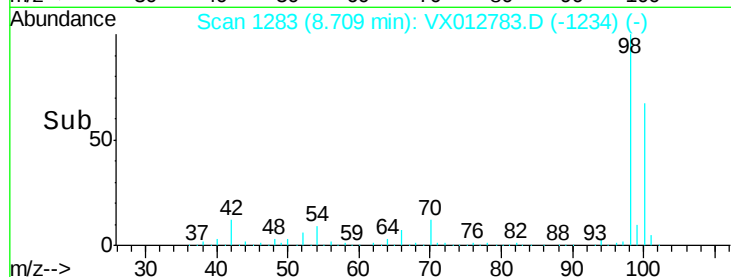
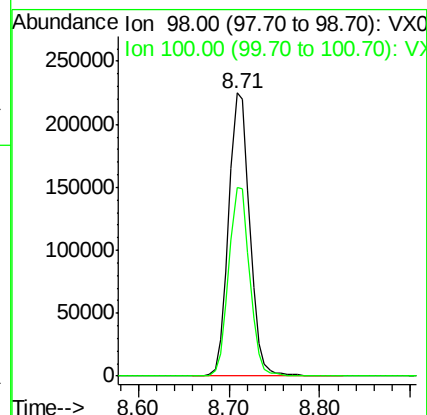
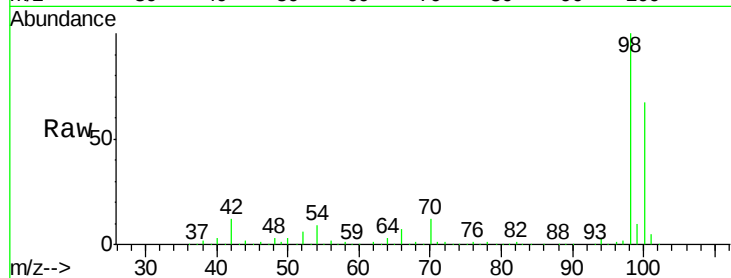




#50
Toluene-d8
Concen: 51.125 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012783.D
Acq: 03 Oct 2019 15:03

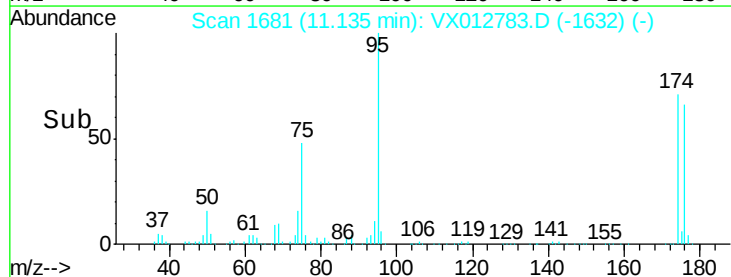
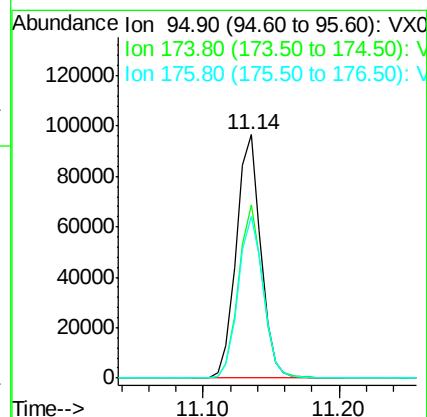
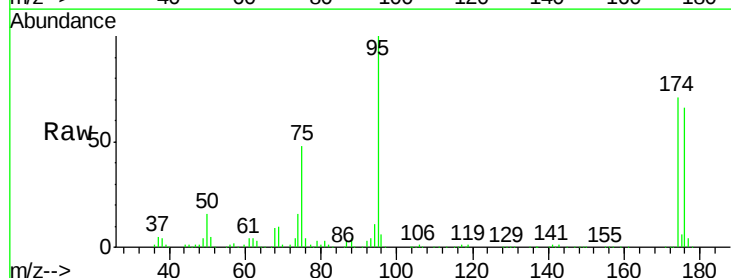
Instrument :
MSVOA_X
ClientSampled :
S49-0535

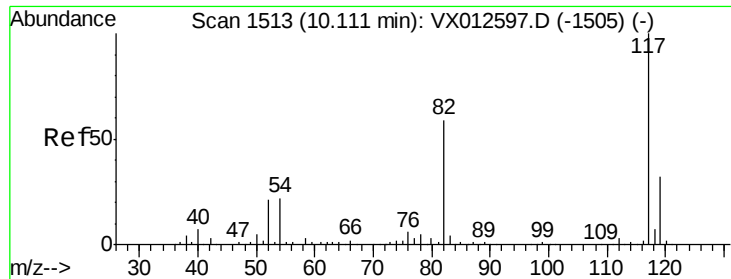
Tot Ion: 98 Resp: 365228
Ion Ratio Lower Upper
98 100
100 66.8 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 43.091 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012783.D
Acq: 03 Oct 2019 15:03

Tgt Ion: 95 Resp: 121041
Ion Ratio Lower Upper
95 100
174 70.5 0.0 140.0
176 67.9 0.0 135.4

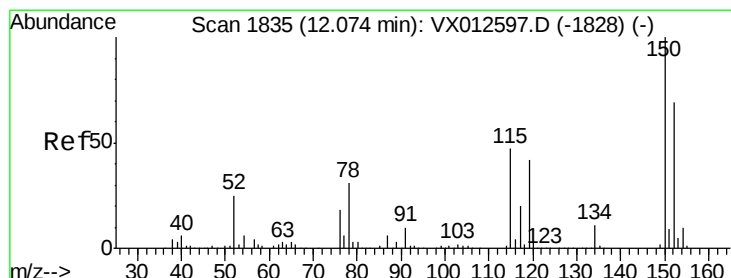
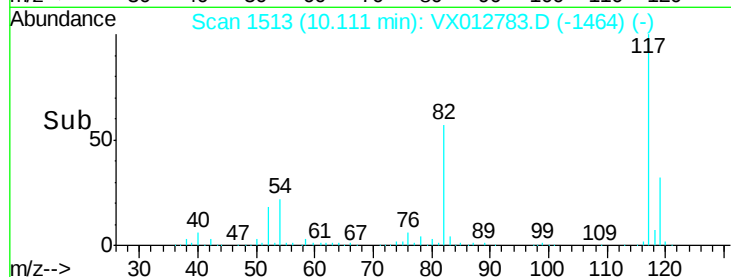
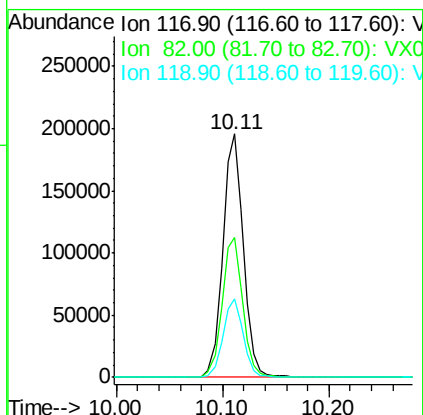
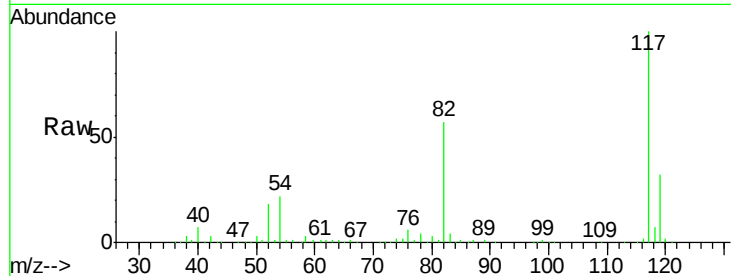




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012783.D
Acq: 03 Oct 2019 15:03

Instrument :
MSVOA_X
ClientSampled :
S49-0535

Tot Ion:117 Resp: 262631
Ion Ratio Lower Upper
117 100
82 57.3 45.9 68.9
119 32.3 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: VX012783.D
Acq: 03 Oct 2019 15:03

Tgt Ion:152 Resp: 98358
Ion Ratio Lower Upper
152 100
115 64.9 44.1 132.3
150 154.4 0.0 343.8

