

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101218\
 Data File : VX005319.D
 Acq On : 13 Oct 2018 03:37
 Operator : JC/MD
 Sample : J5429-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 13 04:09:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

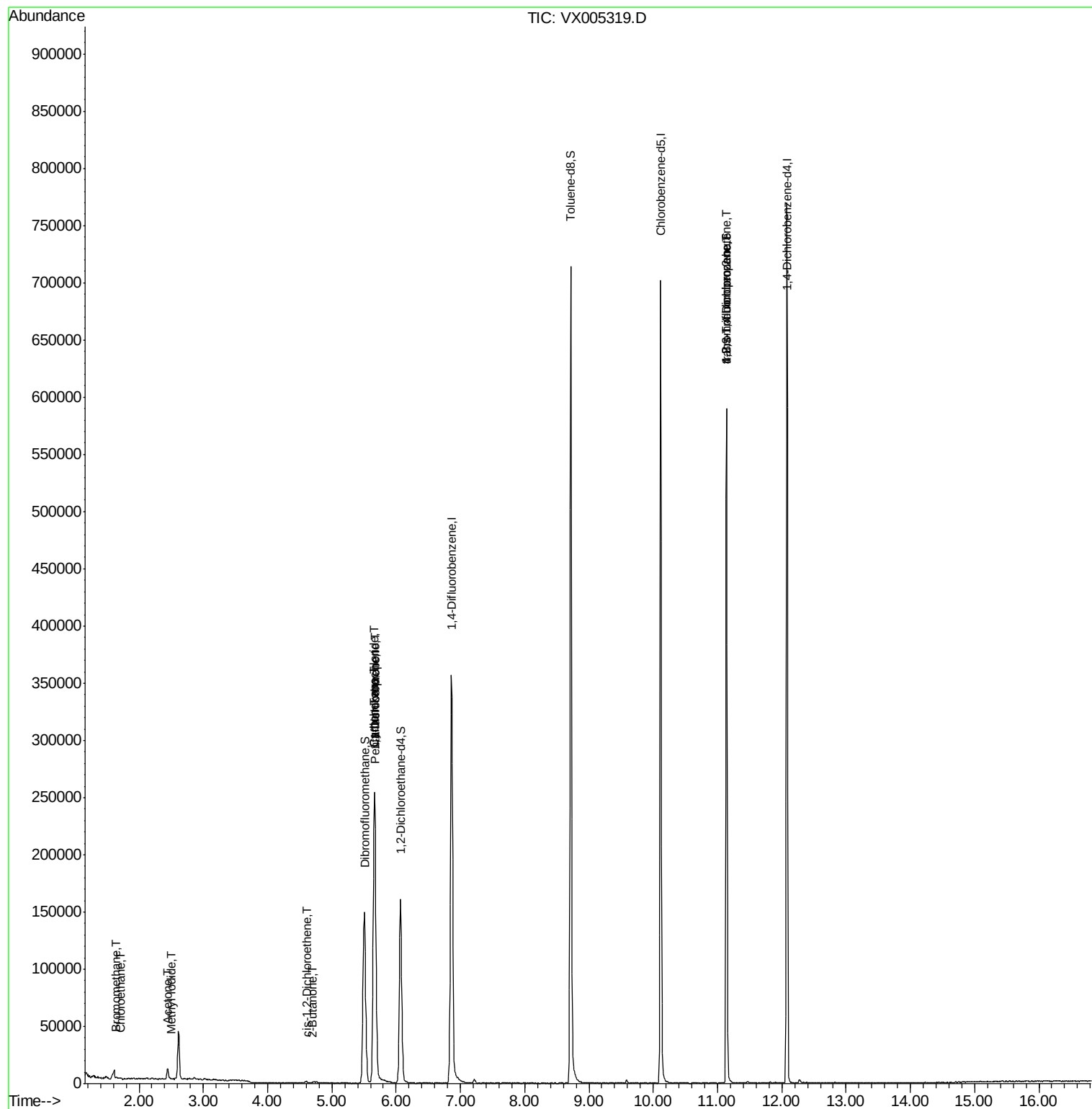
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	280785	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	373046	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	163690	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	153984	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
35) Dibromofluoromethane	5.51	113	132900	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.58%	
50) Toluene-d8	8.71	98	449880	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
62) 4-Bromofluorobenzene	11.14	95	146269	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.80%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.64	94	360	0.780	ug/l #	74
6) Chloroethane	1.71	64	117	0.390	ug/l #	44
10) Methyl Iodide	2.51	142	172	2.549	ug/l #	41
13) Acrolein	2.28	56	133	Below Cal	#	1
16) Acetone	2.45	43	10314	5.724	ug/l	100
20) Methylene Chloride	2.85	84	747	Below Cal	#	94
25) 2-Butanone	4.70	43	1743	0.661	ug/l #	85
27) cis-1,2-Dichloroethene	4.60	96	668	0.226	ug/l #	8
31) Cyclohexane	5.67	56	5070	1.184	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	18429	5.101	ug/l #	50
38) Carbon Tetrachloride	5.66	117	24183	6.662	ug/l #	16
44) Trichloroethene	7.21	130	1266	Below Cal		94
76) 1,2,3-Trichloropropane	11.14	75	72162	22.727	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	72162	69.057	ug/l #	10

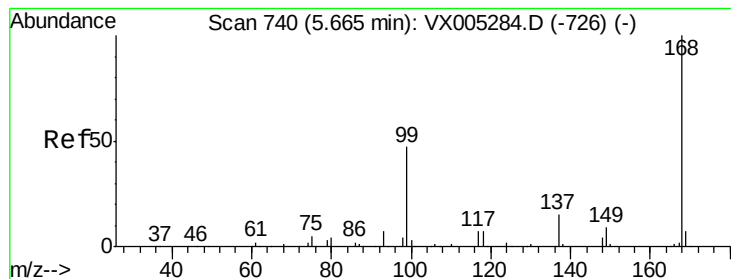
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.68 min Scan# 742

Delta R.T. 0.01 min

Lab File: VX005319.D

Acq: 13 Oct 2018 03:37

Instrument :

MSVOA_X

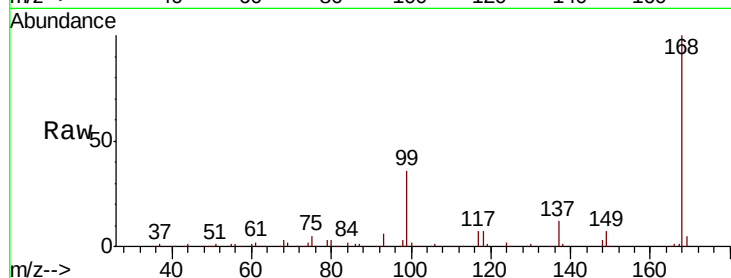
ClientSampleId :

Tot Ion:168 Resp: 280785

Ion Ratio Lower Upper

168 100

99 36.3 39.9 59.9#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

100000

80000

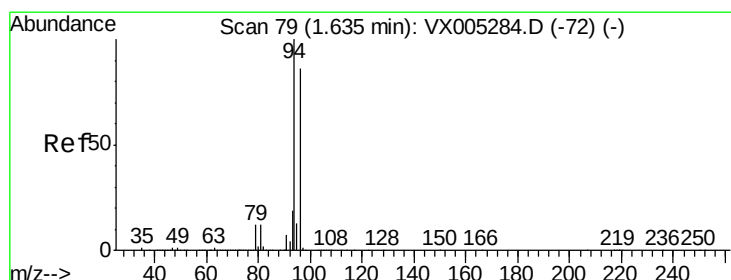
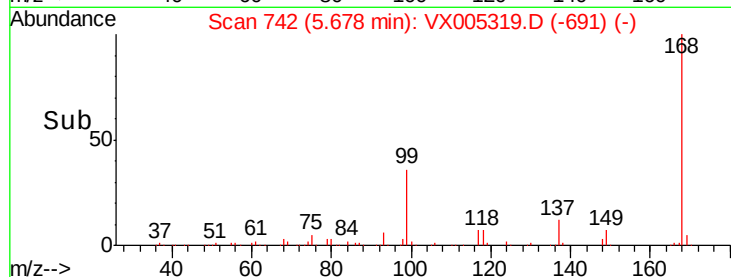
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.780 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005319.D

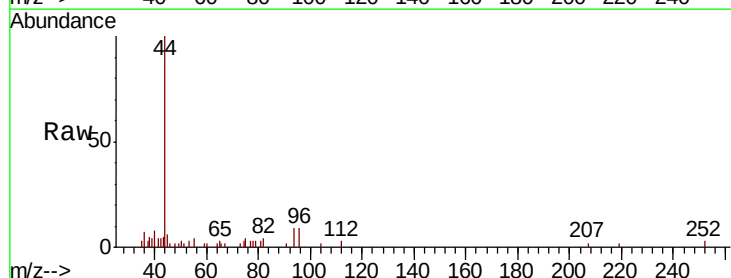
Acq: 13 Oct 2018 03:37

Tgt Ion: 94 Resp: 360

Ion Ratio Lower Upper

94 100

96 68.2 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

250

200

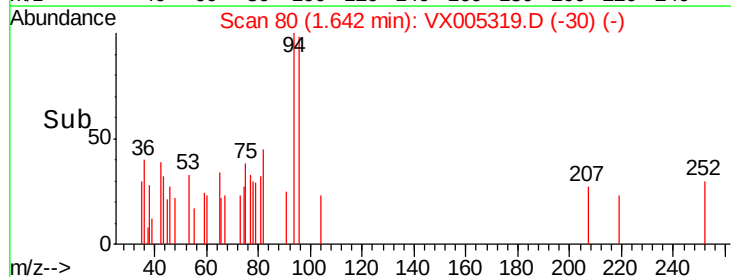
150

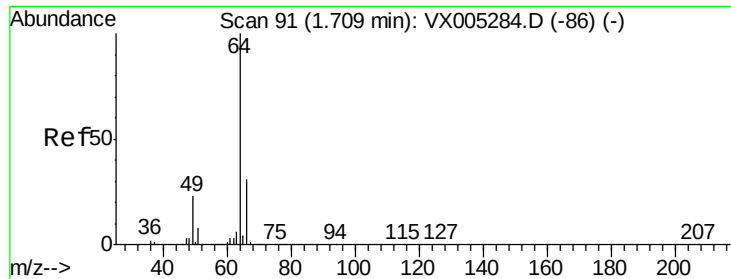
100

50

0

Time-->





#6

Chloroethane

Concen: 0.390 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005319.D

Acq: 13 Oct 2018 03:37

Instrument :

MSVOA_X

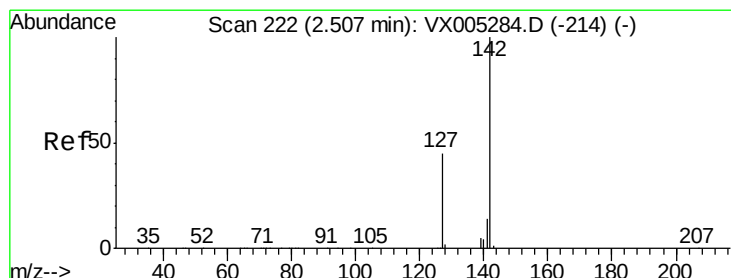
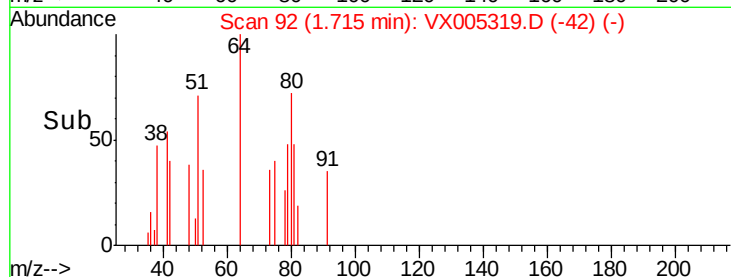
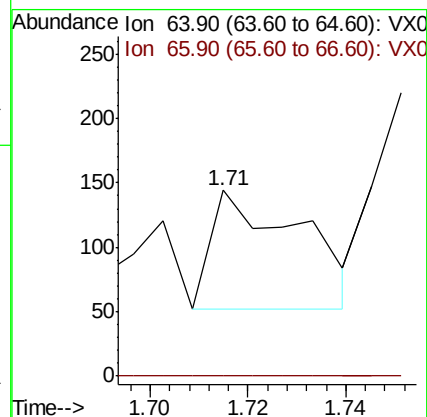
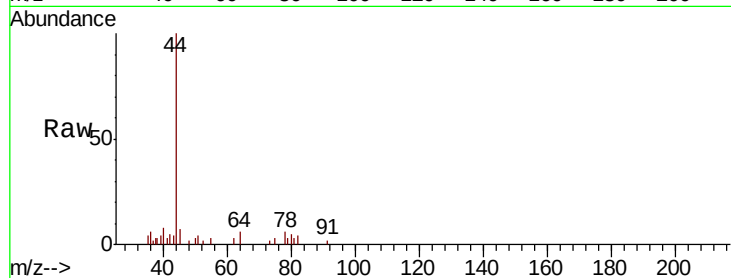
ClientSampled :

Tot Ion: 64 Resp: 117

Ion Ratio Lower Upper

64 100

66 0.0 24.6 36.8#



#10

Methyl Iodide

Concen: 2.549 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005319.D

Acq: 13 Oct 2018 03:37

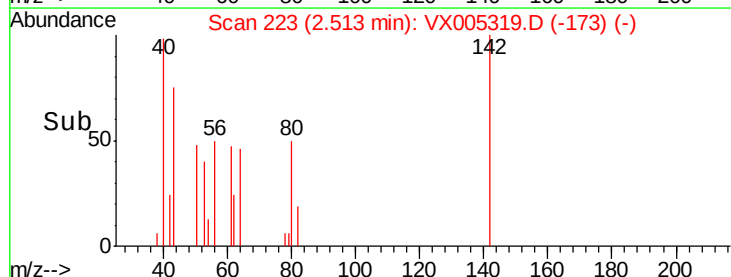
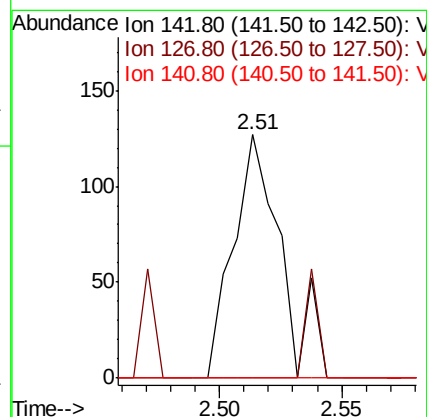
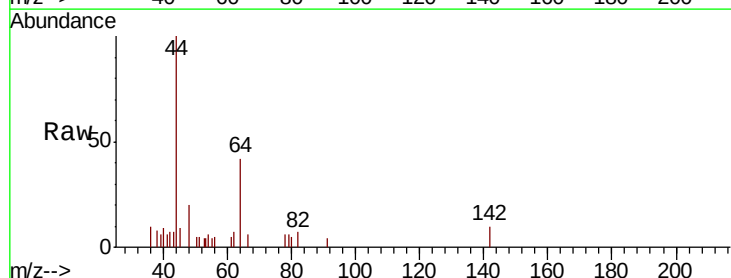
Tgt Ion: 142 Resp: 172

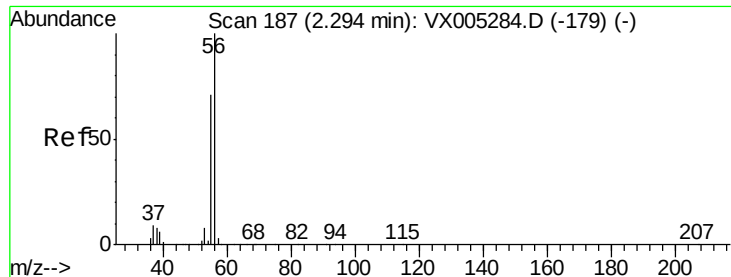
Ion Ratio Lower Upper

142 100

127 0.0 33.8 50.6#

141 0.0 11.4 17.0#





#13

Acrolein

Concen: Below Cal

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX005319.D

Acq: 13 Oct 2018 03:37

Instrument :

MSVOA_X

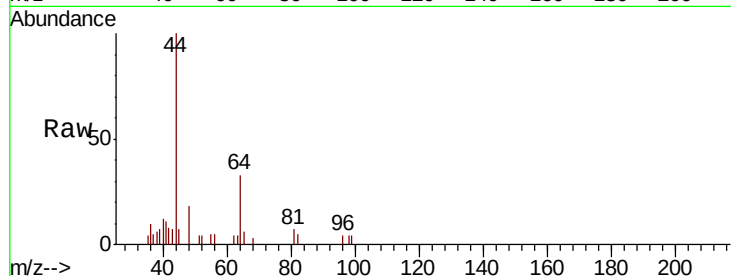
ClientSampleId :

Tot Ion: 56 Resp: 133

Ion Ratio Lower Upper

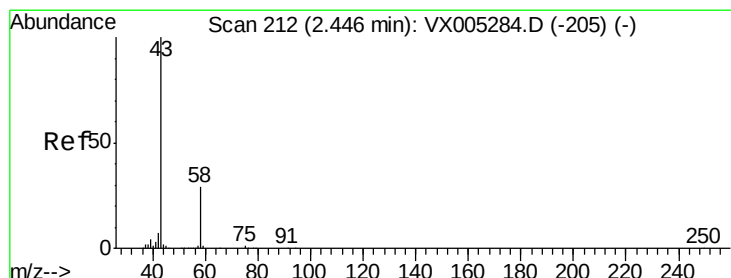
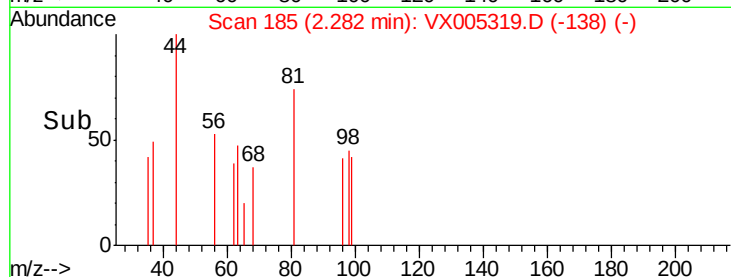
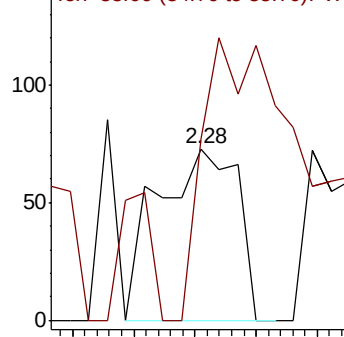
56 100

55 209.8 54.7 82.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 5.724 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005319.D

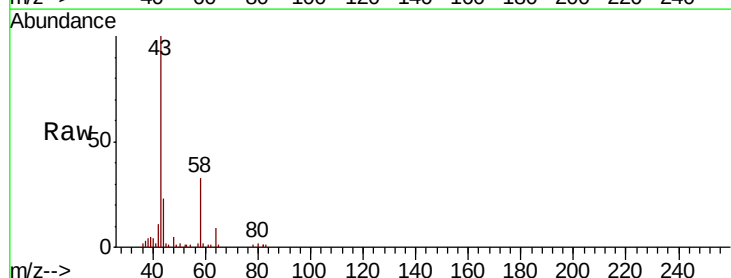
Acq: 13 Oct 2018 03:37

Tgt Ion: 43 Resp: 10314

Ion Ratio Lower Upper

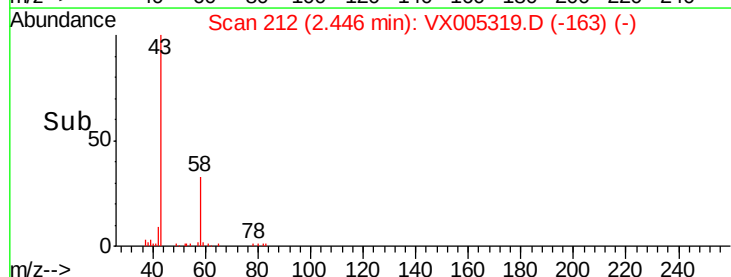
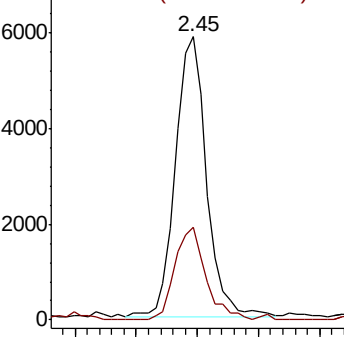
43 100

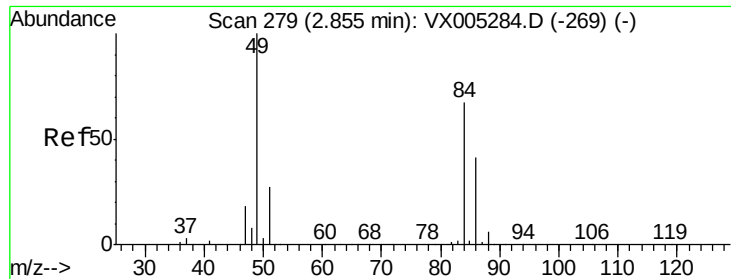
58 33.0 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

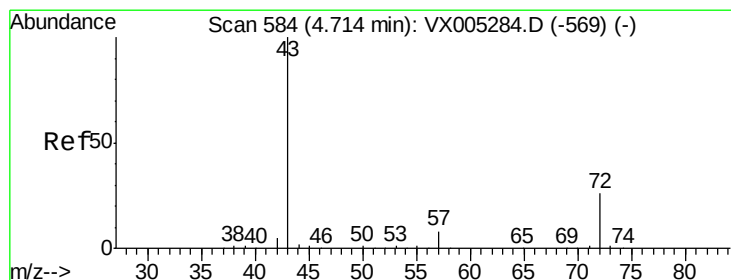
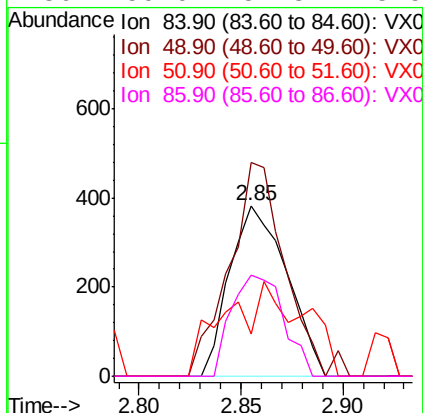
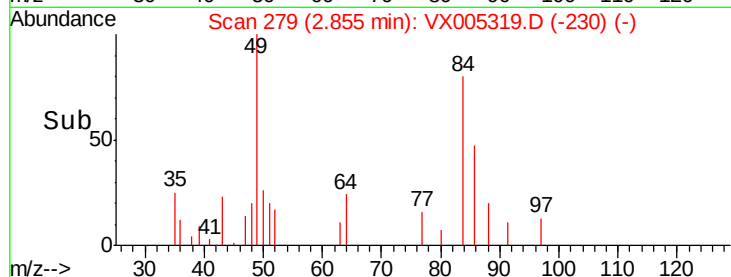
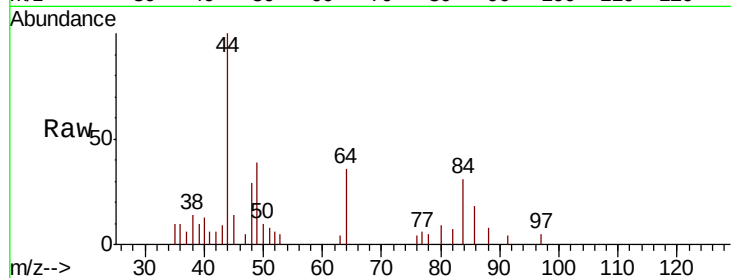




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005319.D
Acq: 13 Oct 2018 03:37

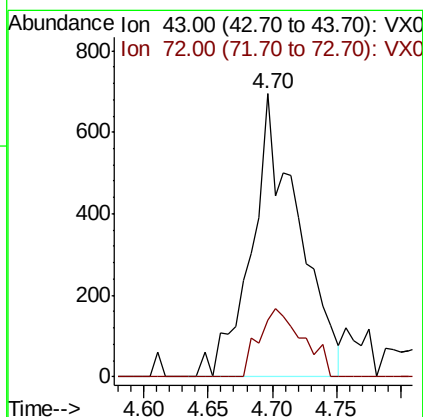
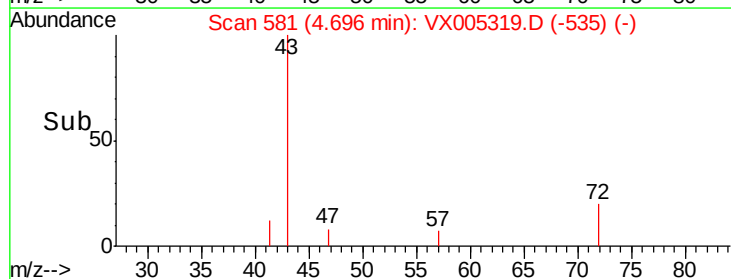
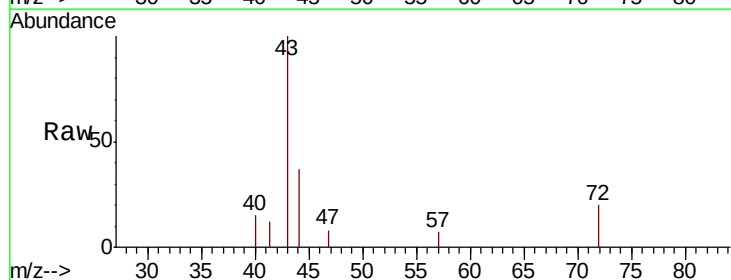
Instrument :
MSVOA_X
ClientSampleId :

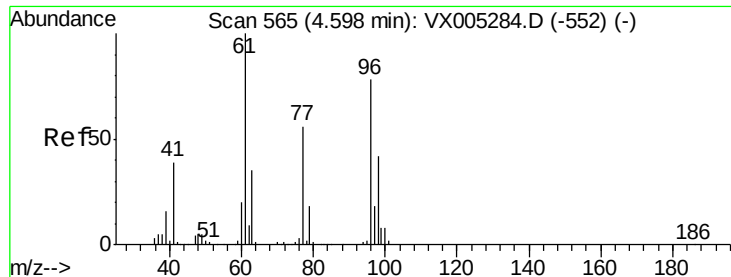
Tot Ion: 84 Resp: 747
Ion Ratio Lower Upper
84 100
49 125.1 101.2 151.8
51 24.5 29.5 44.3#
86 59.0 52.3 78.5



#25
2-Butanone
Concen: 0.661 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.02 min
Lab File: VX005319.D
Acq: 13 Oct 2018 03:37

Tgt Ion: 43 Resp: 1743
Ion Ratio Lower Upper
43 100
72 19.9 22.0 33.0#



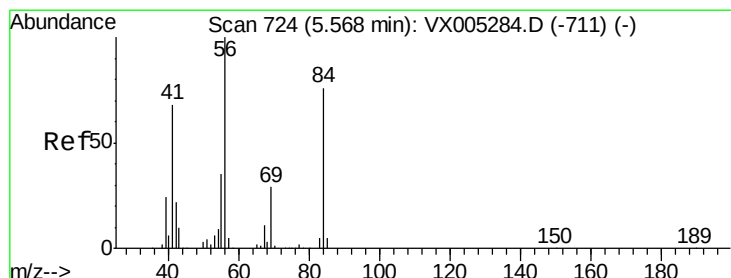
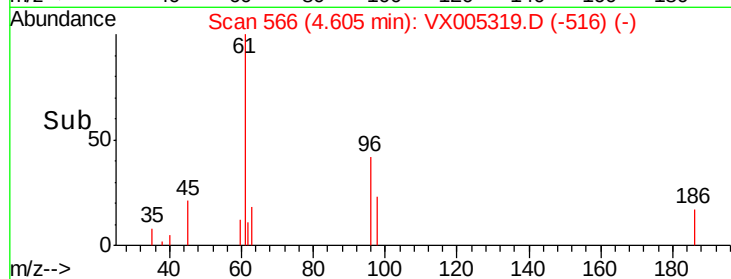
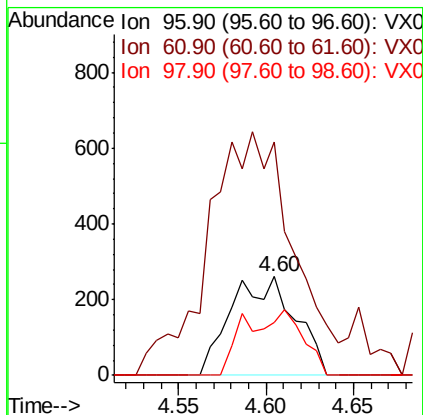
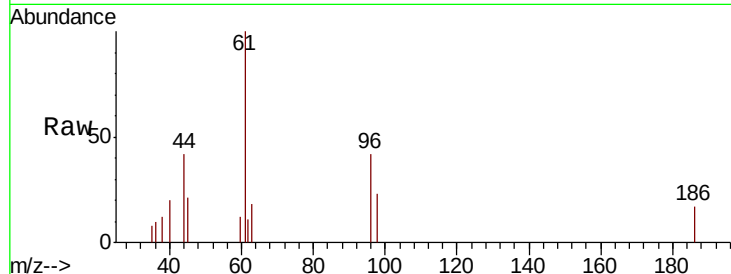


#27

cis-1,2-Dichloroethene
 Concen: 0.226 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX005319.D
 Acq: 13 Oct 2018 03:37

Instrument :
 MSVOA_X
 ClientSampled :

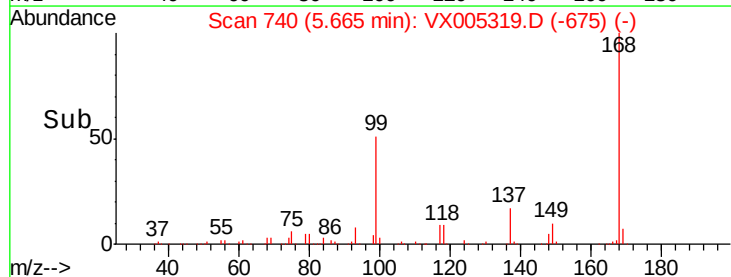
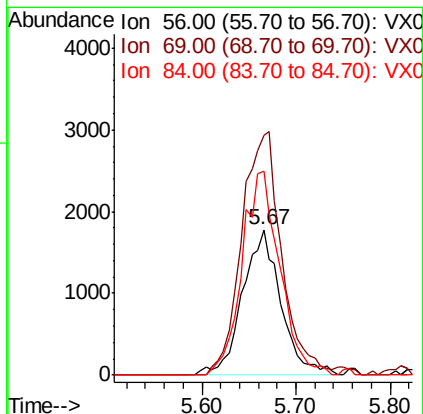
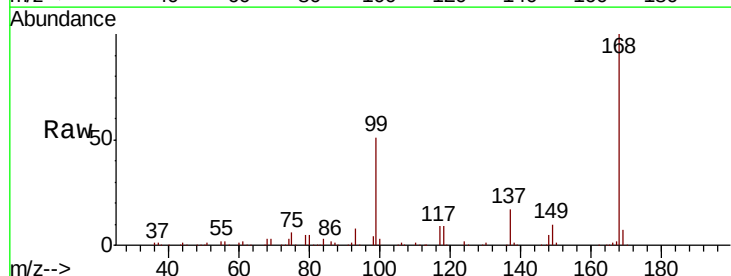
Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	282.6
98	32.6	0.0	130.2

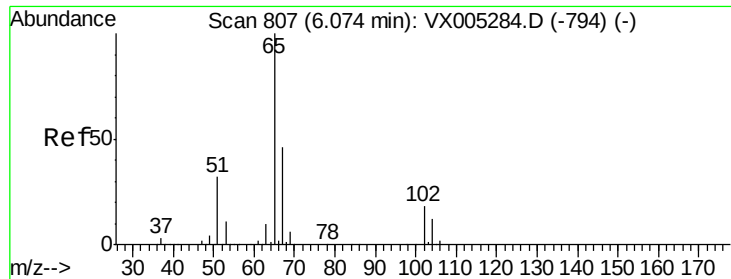


#31

Cyclohexane
 Concen: 1.184 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.10 min
 Lab File: VX005319.D
 Acq: 13 Oct 2018 03:37

Tgt Ion	Ratio	Lower	Upper
56	100		
69	164.8	25.4	38.2#
84	140.0	71.4	107.2#

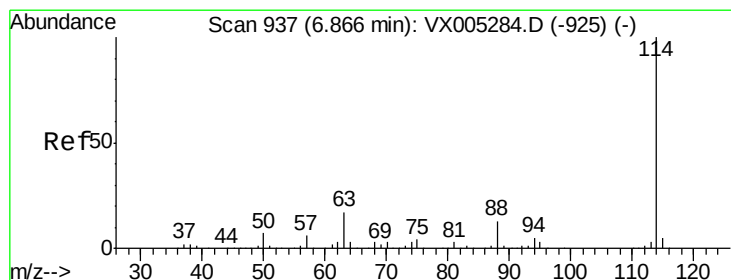
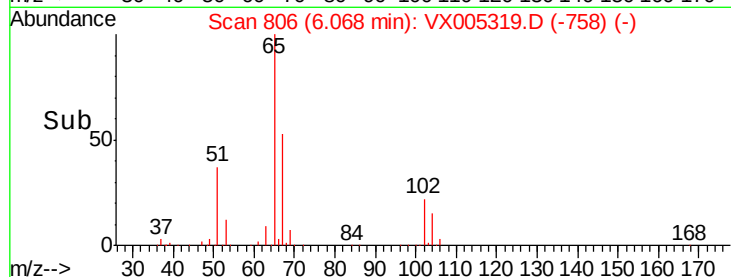
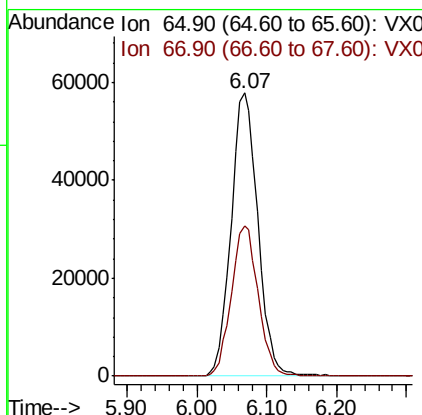
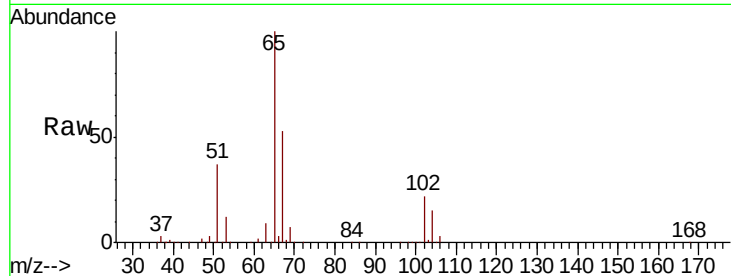




#33
 1,2-Dichloroethane-d4
 Concen: 49.413 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX005319.D
 Acq: 13 Oct 2018 03:37

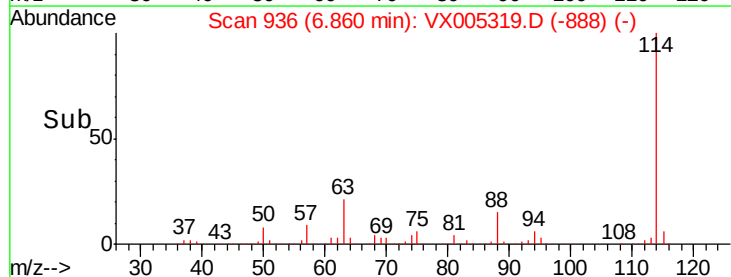
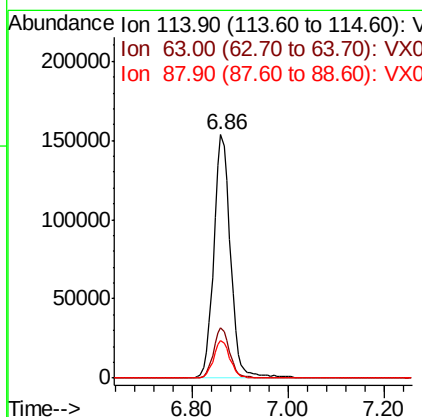
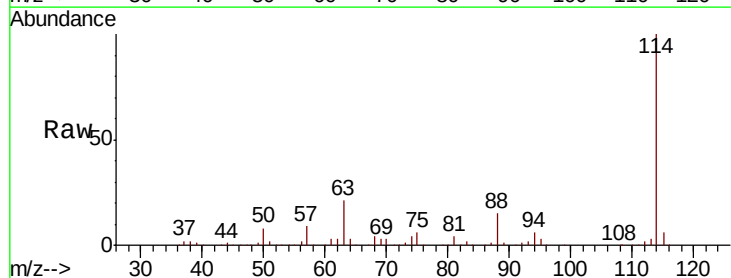
Instrument :
 MSVOA_X
 ClientSampleId :

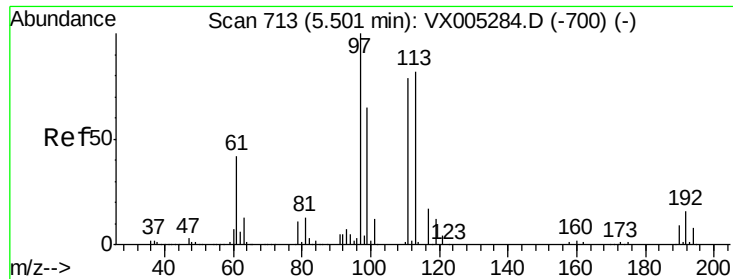
Tot Ion: 65 Resp: 153984
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005319.D
 Acq: 13 Oct 2018 03:37

Tgt Ion: 114 Resp: 373046
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.0
 88 15.4 0.0 30.4

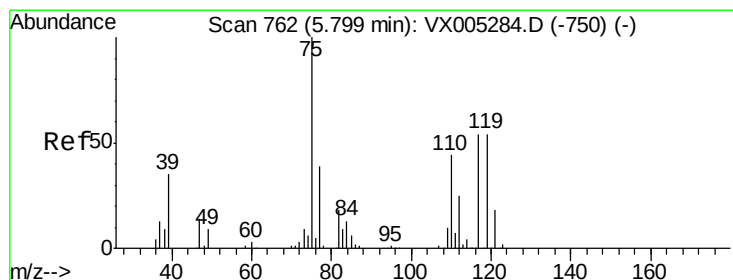
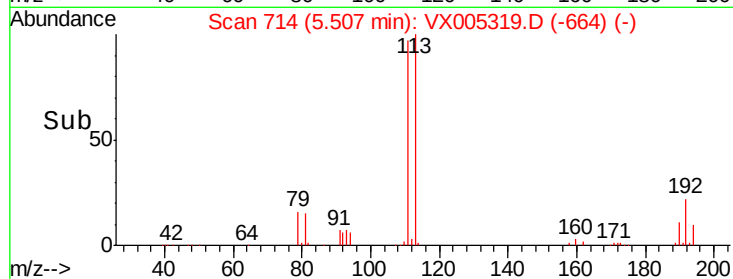
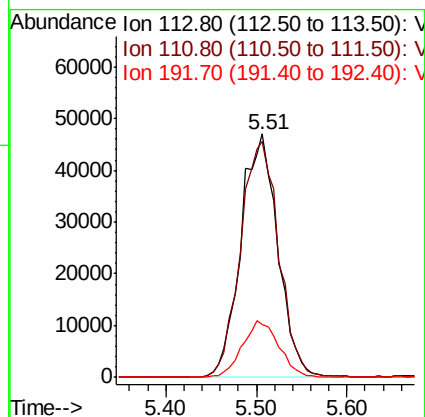
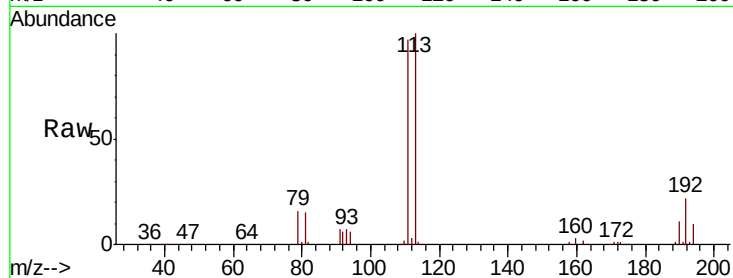




#35
Dibromofluoromethane
Concen: 53.789 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005319.D
Acq: 13 Oct 2018 03:37

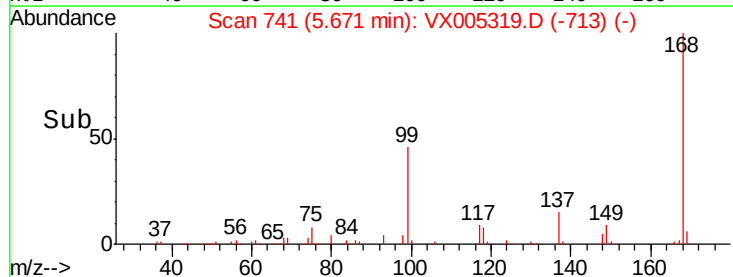
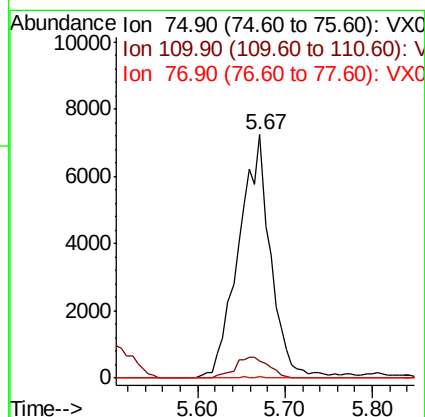
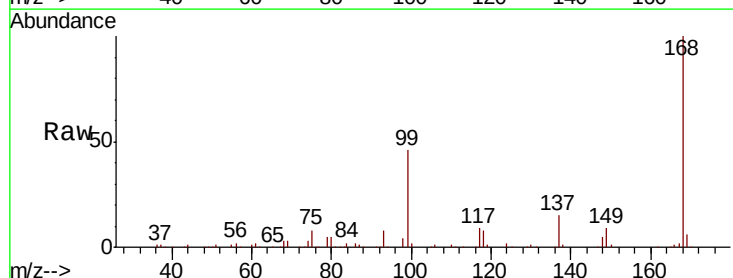
Instrument :
MSVOA_X
ClientSampleId :

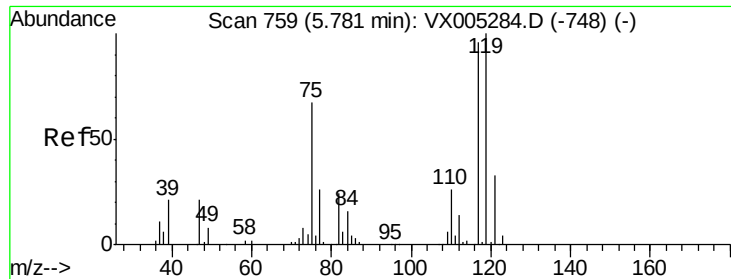
Tot Ion:113 Resp: 132900
Ion Ratio Lower Upper
113 100
111 100.4 82.4 123.6
192 22.9 19.4 29.2



#36
1,1-Dichloropropene
Concen: 5.101 ug/l
RT: 5.67 min Scan# 741
Delta R.T. -0.13 min
Lab File: VX005319.D
Acq: 13 Oct 2018 03:37

Tgt Ion: 75 Resp: 18429
Ion Ratio Lower Upper
75 100
110 9.0 18.0 54.0#
77 0.1 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 6.662 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX005319.D

Acq: 13 Oct 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

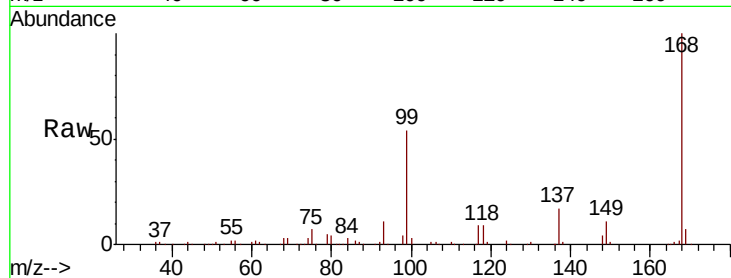
Tot Ion:117 Resp: 24183

Ion Ratio Lower Upper

117 100

119 6.6 78.8 118.2#

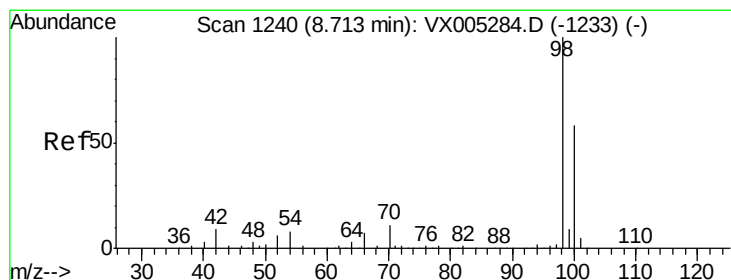
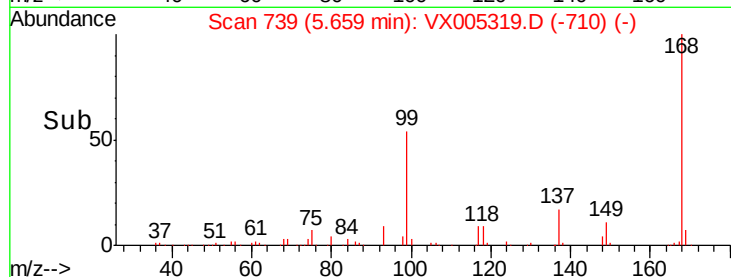
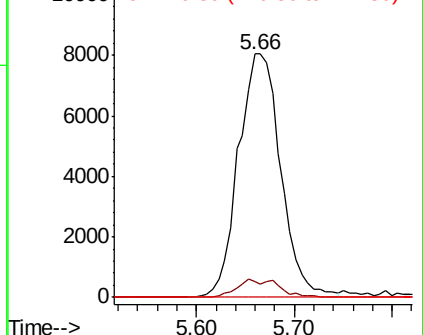
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 53.037 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005319.D

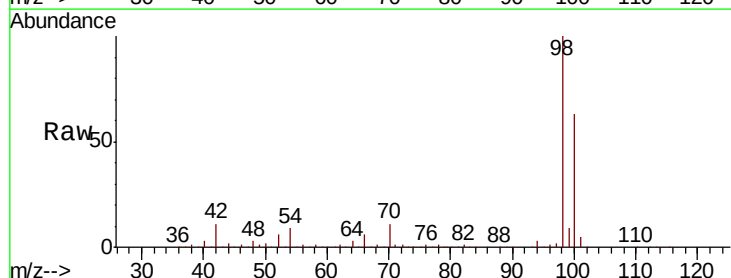
Acq: 13 Oct 2018 03:37

Tgt Ion: 98 Resp: 449880

Ion Ratio Lower Upper

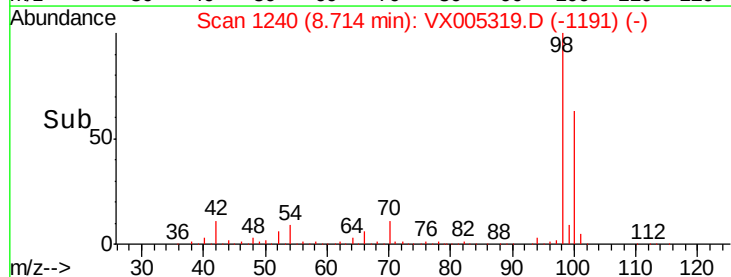
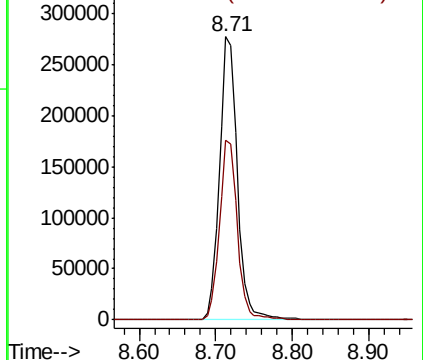
98 100

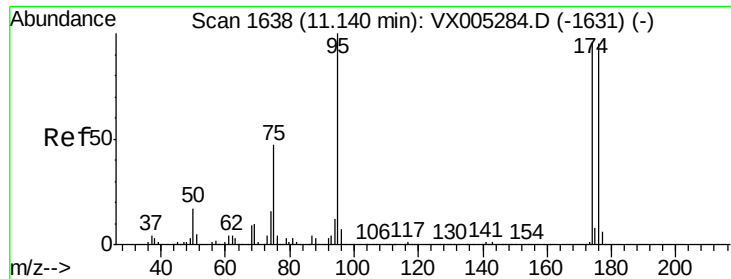
100 63.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

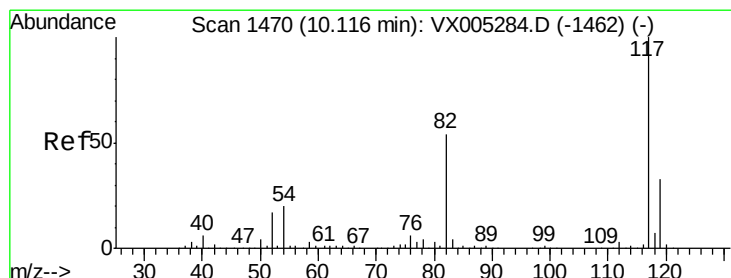
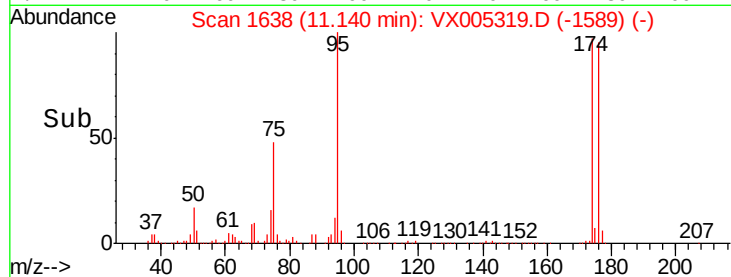
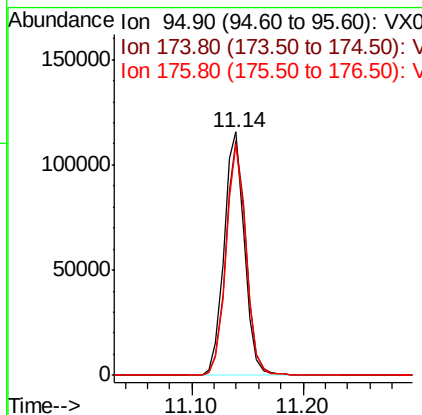
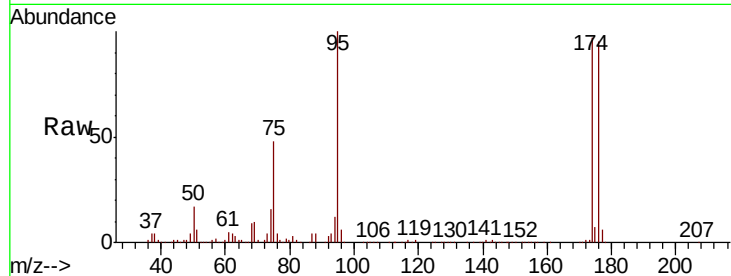




#62
4-Bromofluorobenzene
Concen: 45.903 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005319.D
Acq: 13 Oct 2018 03:37

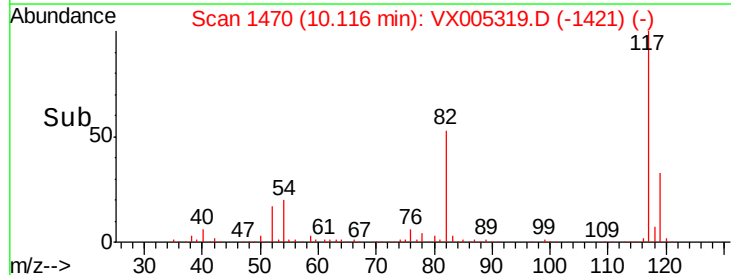
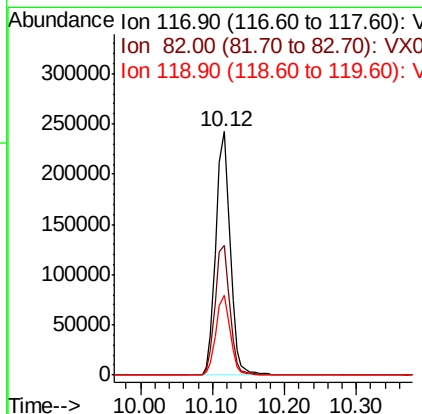
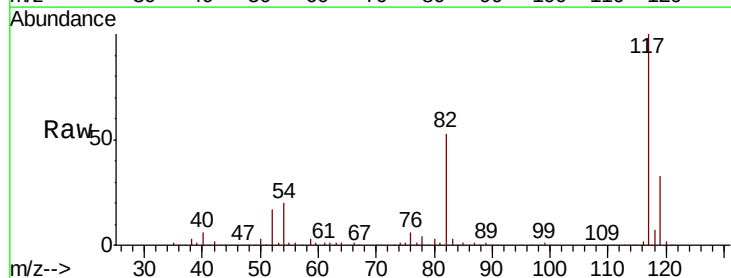
Instrument :
MSVOA_X
ClientSampleId :

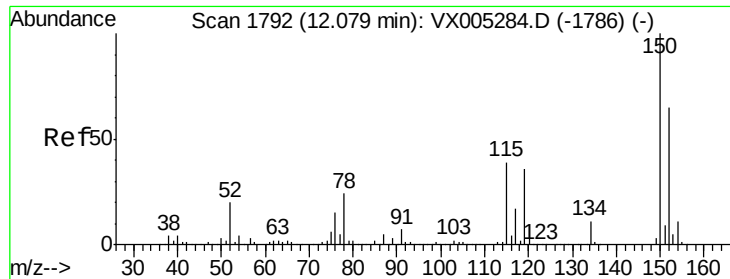
Tot Ion: 95 Resp: 146269
Ion Ratio Lower Upper
95 100
174 95.6 0.0 185.2
176 92.3 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005319.D
Acq: 13 Oct 2018 03:37

Tgt Ion: 117 Resp: 336722
Ion Ratio Lower Upper
117 100
82 53.3 47.8 71.6
119 32.7 29.3 43.9

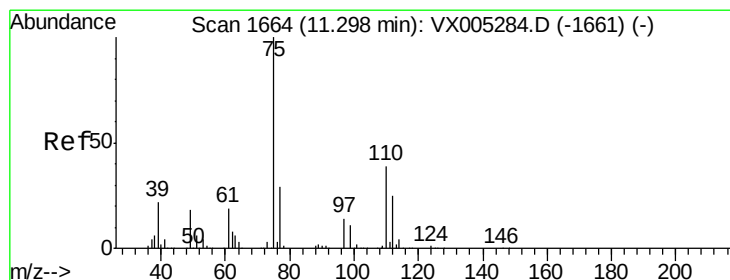
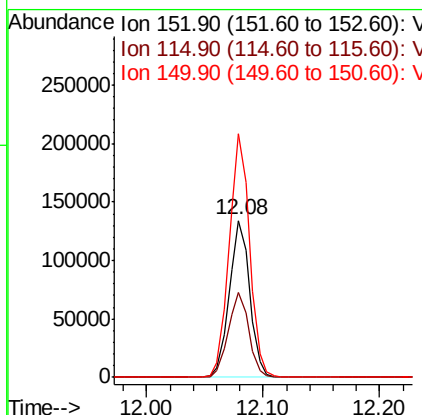
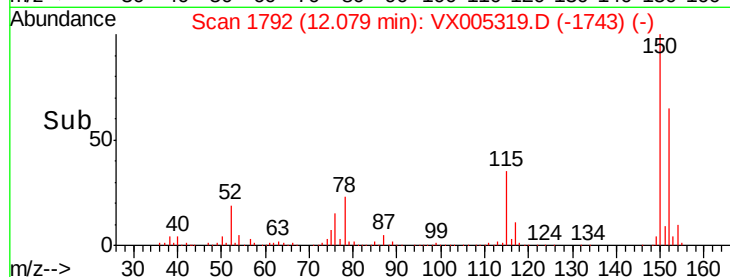
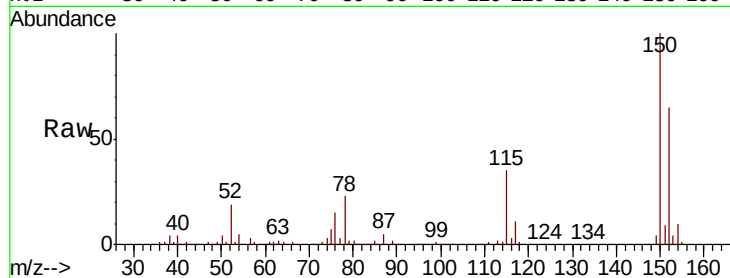




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX005319.D
 Acq: 13 Oct 2018 03:37

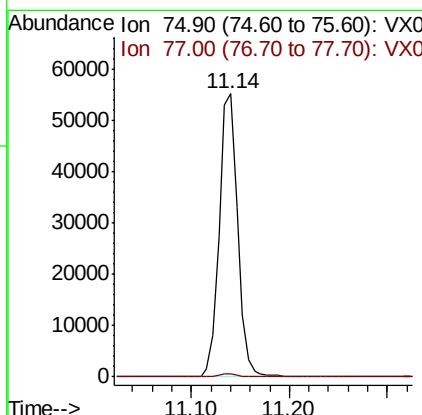
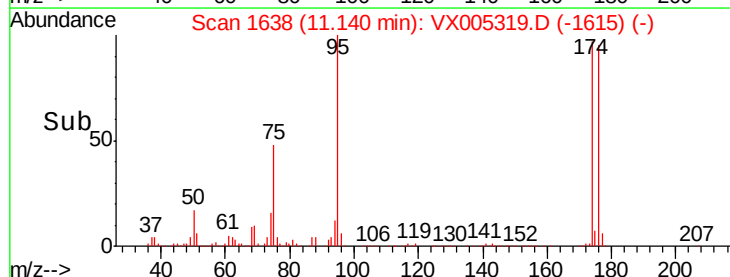
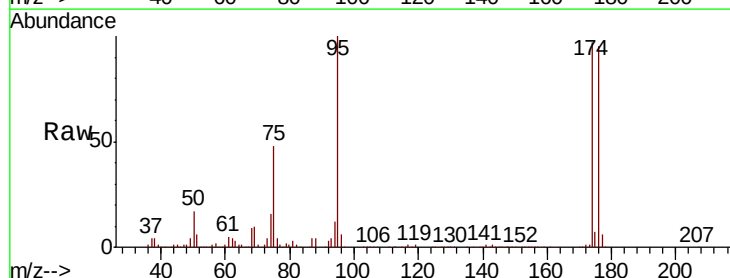
Instrument :
 MSVOA_X
 ClientSampled :

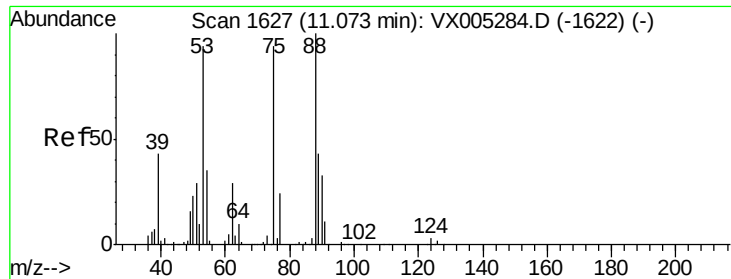
Tot Ion:152 Resp: 163690
 Ion Ratio Lower Upper
 152 100
 115 54.4 39.0 117.0
 150 155.2 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 22.727 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX005319.D
 Acq: 13 Oct 2018 03:37

Tgt Ion: 75 Resp: 72162
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.2 60.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.057 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.07 min
 Lab File: VX005319.D
 Acq: 13 Oct 2018 03:37

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 72162
 Ion Ratio Lower Upper
 75 100
 53 0.3 80.1 120.1#
 89 0.0 37.2 55.8#

