

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022719\
 Data File : VX007749.D
 Acq On : 27 Feb 2019 22:04
 Operator : JC/SP
 Sample : K1653-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 28 04:04:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	298669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	469362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	438658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211870	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	184689	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
35) Dibromofluoromethane	5.51	113	153588	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
50) Toluene-d8	8.71	98	568431	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
62) 4-Bromofluorobenzene	11.13	95	204605	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	

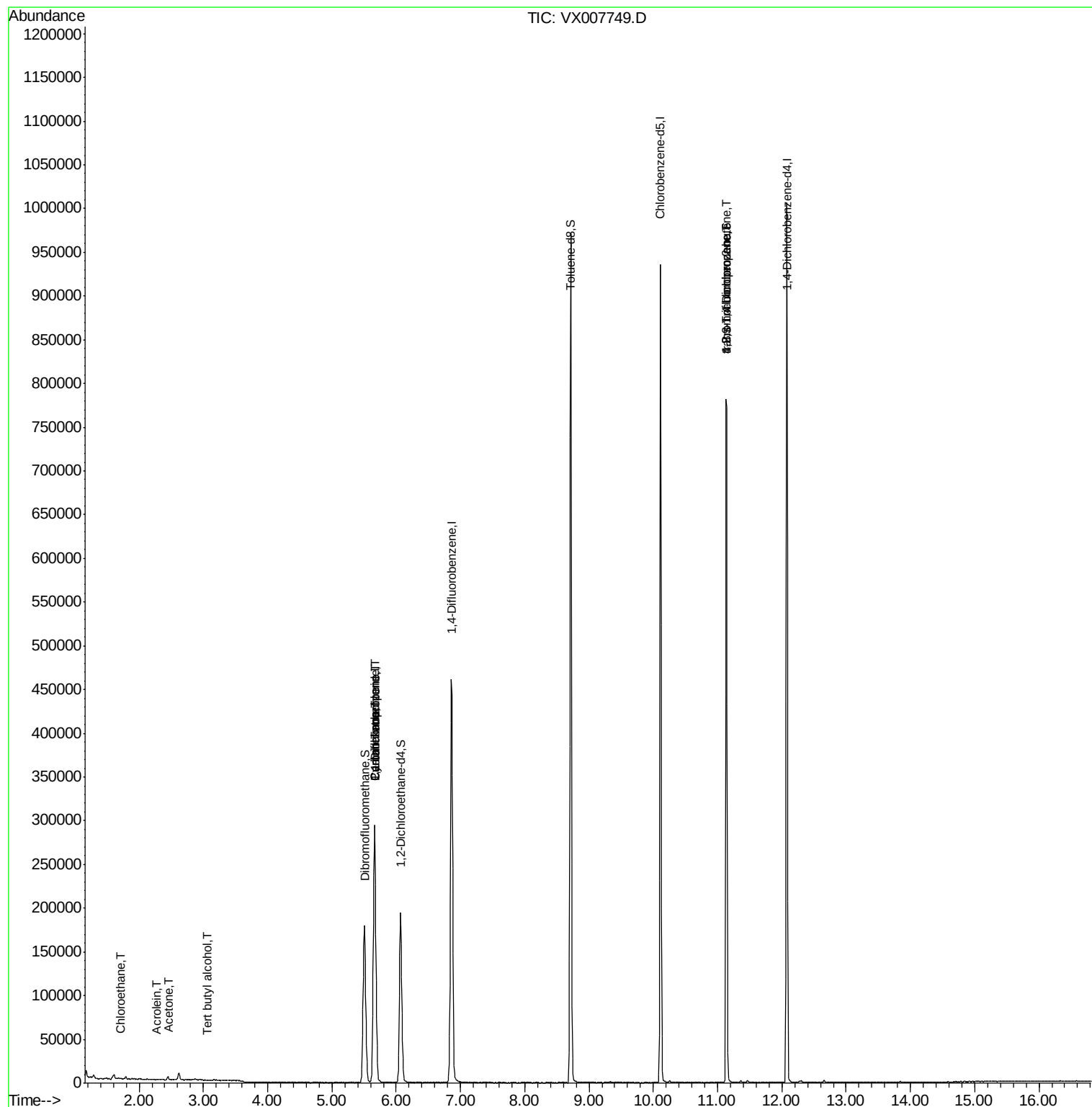
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	399	Below Cal	#	66
6) Chloroethane	1.71	64	1367	0.684	ug/l #	43
11) Tert butyl alcohol	3.06	59	264	0.376	ug/l #	36
13) Acrolein	2.27	56	167	0.268	ug/l #	1
16) Acetone	2.45	43	3589	2.182	ug/l	97
31) Cyclohexane	5.66	56	5338	1.038	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	19372	4.591	ug/l #	47
38) Carbon Tetrachloride	5.66	117	26117	6.161	ug/l #	17
76) 1,2,3-Trichloropropane	11.13	75	99434	22.018	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	99434	58.459	ug/l #	9

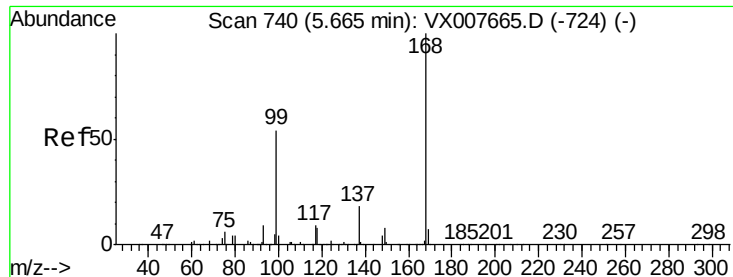
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022719\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007749.D

Acq: 27 Feb 2019 22:04

Instrument :

MSVOA_X

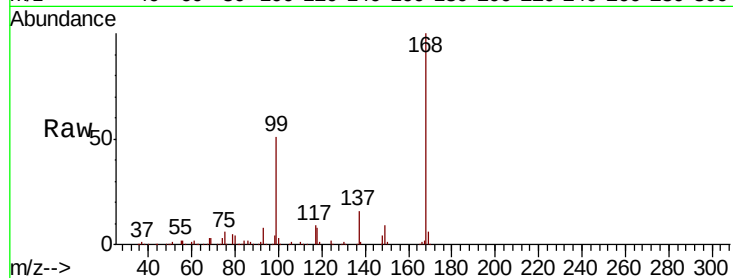
ClientSampled :

Tot Ion:168 Resp: 298669

Ion Ratio Lower Upper

168 100

99 50.5 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

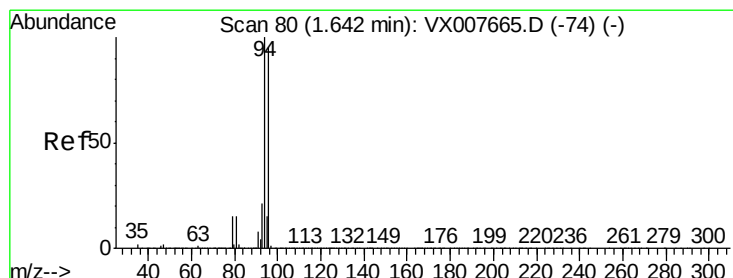
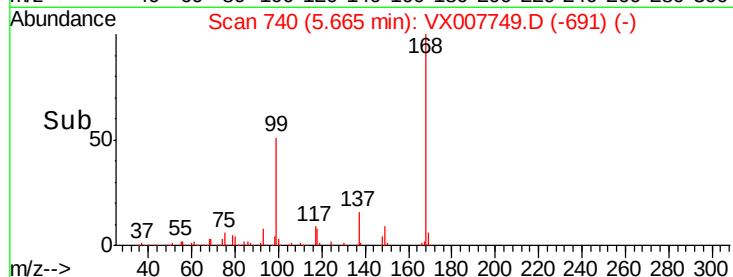
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007749.D

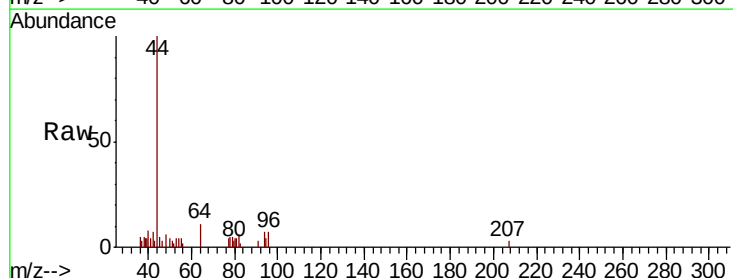
Acq: 27 Feb 2019 22:04

Tgt Ion: 94 Resp: 399

Ion Ratio Lower Upper

94 100

96 60.2 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

250

200

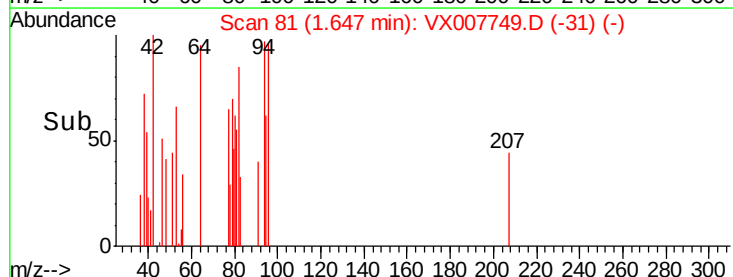
150

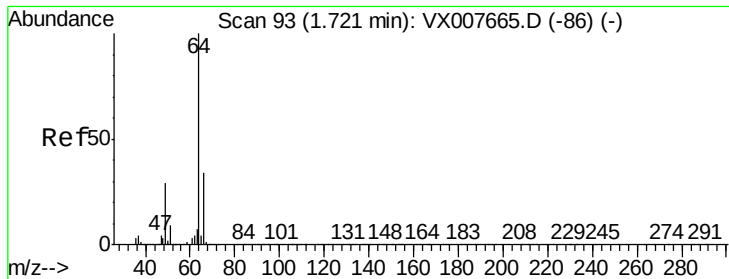
100

50

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: 0.684 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX007749.D

Acq: 27 Feb 2019 22:04

Instrument :

MSVOA_X

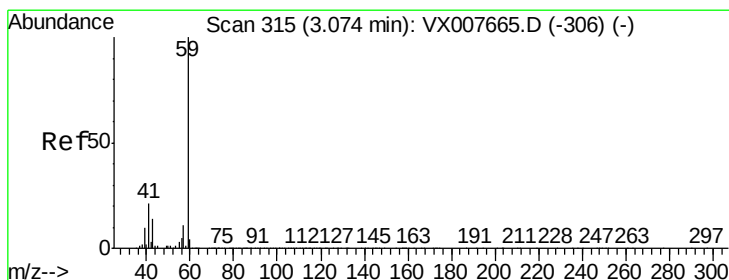
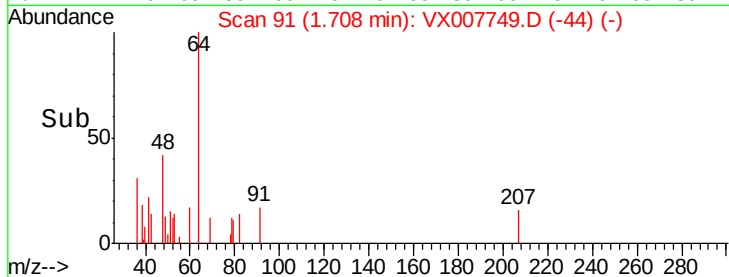
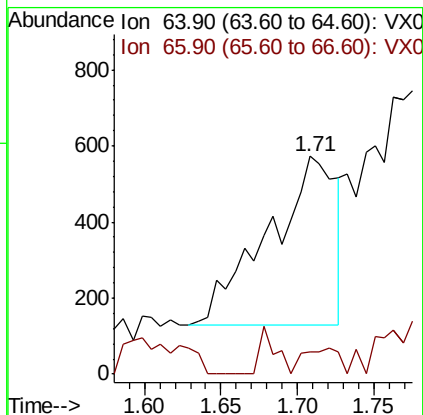
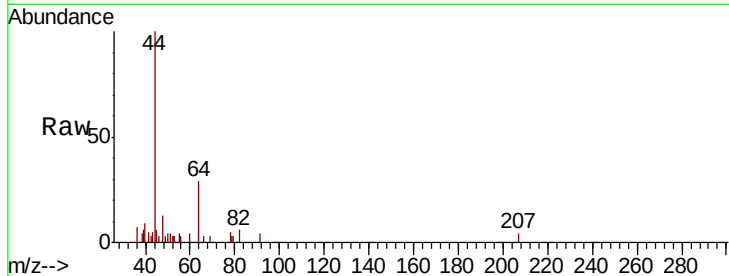
ClientSampleId :

Tot Ion: 64 Resp: 1367

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



#11

Tert butyl alcohol

Concen: 0.376 ug/l

RT: 3.06 min Scan# 312

Delta R.T. -0.02 min

Lab File: VX007749.D

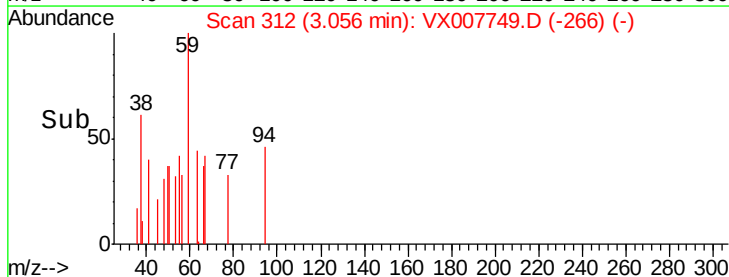
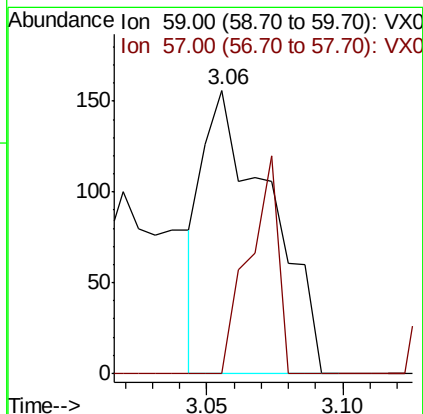
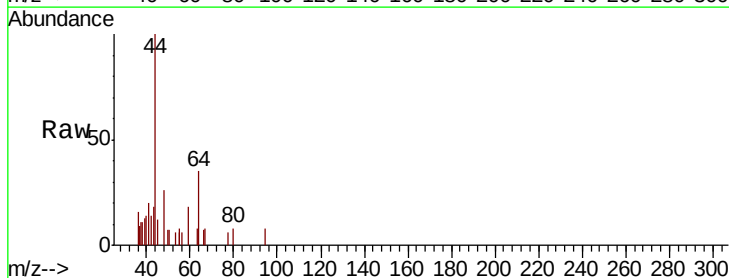
Acq: 27 Feb 2019 22:04

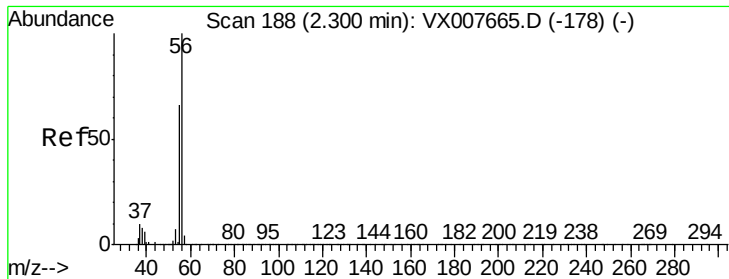
Tgt Ion: 59 Resp: 264

Ion Ratio Lower Upper

59 100

57 33.7 8.1 12.1#





#13

Acrolein

Concen: 0.268 ug/l

RT: 2.27 min Scan# 183

Delta R.T. -0.03 min

Lab File: VX007749.D

Acq: 27 Feb 2019 22:04

Instrument :

MSVOA_X

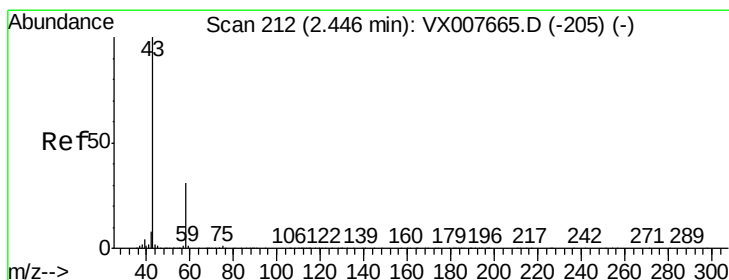
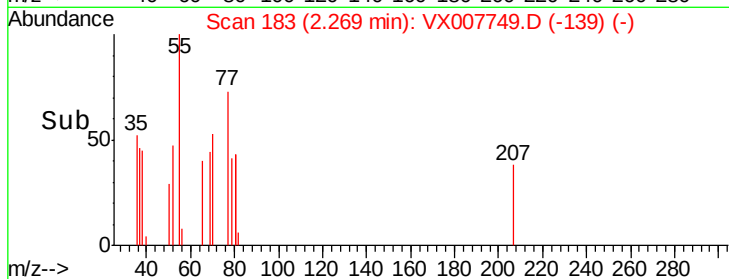
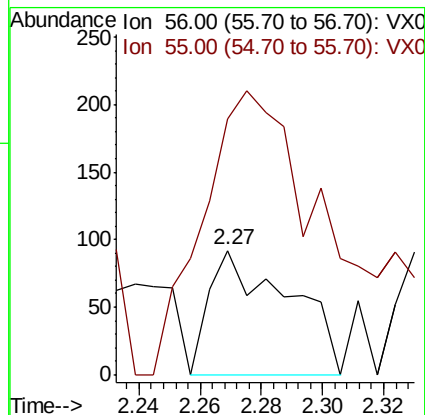
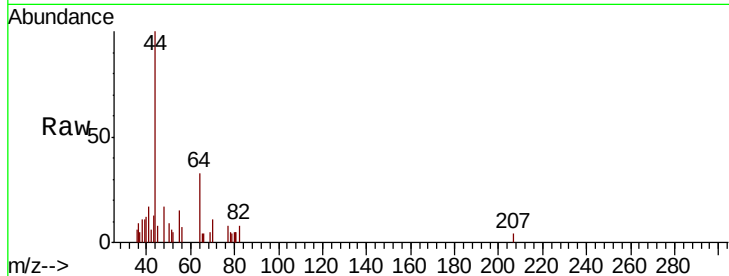
ClientSampleId :

Tot Ion: 56 Resp: 167

Ion Ratio Lower Upper

56 100

55 335.9 56.9 85.3#



#16

Acetone

Concen: 2.182 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007749.D

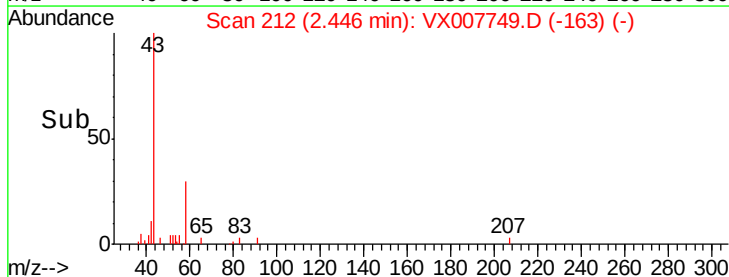
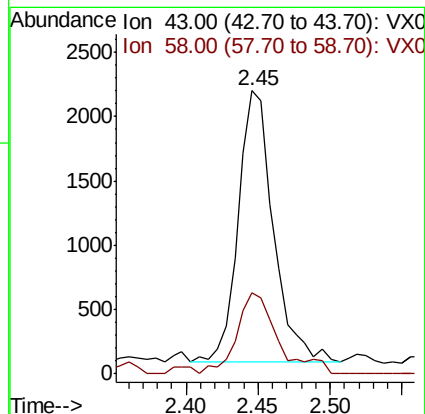
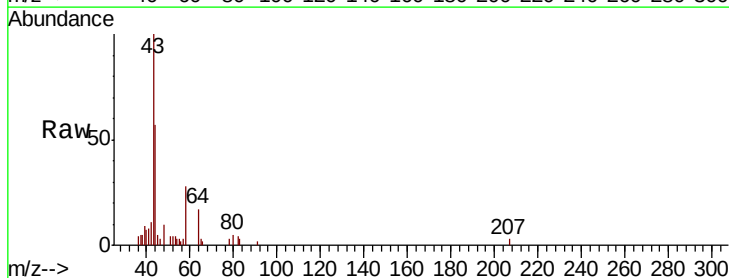
Acq: 27 Feb 2019 22:04

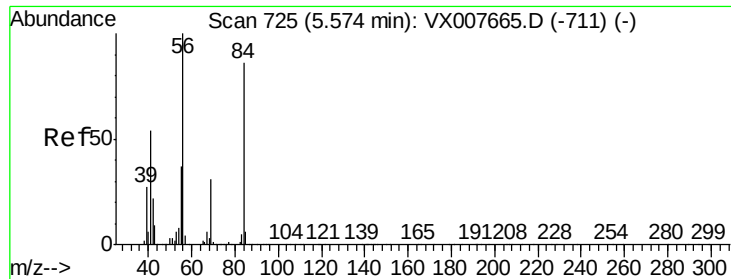
Tgt Ion: 43 Resp: 3589

Ion Ratio Lower Upper

43 100

58 29.7 24.9 37.3

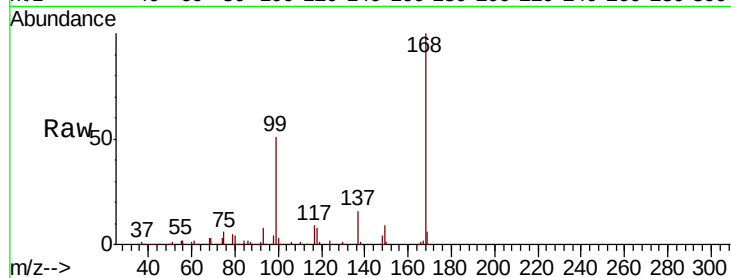




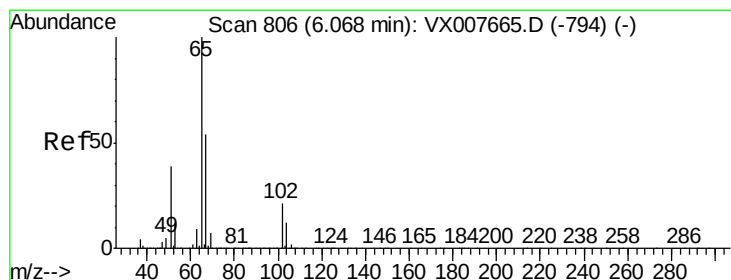
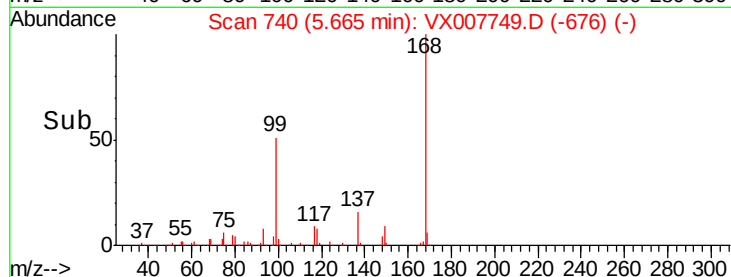
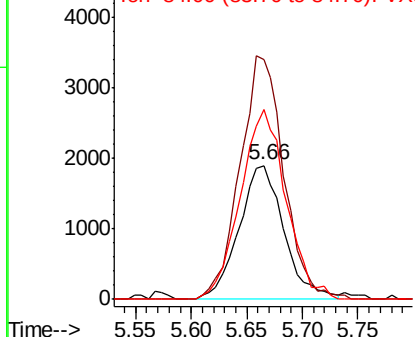
#31
Cyclohexane
Concen: 1.038 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX007749.D
Acq: 27 Feb 2019 22:04

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 5338
Ion Ratio Lower Upper
56 100
69 179.6 23.0 34.6#
84 141.7 69.8 104.6#

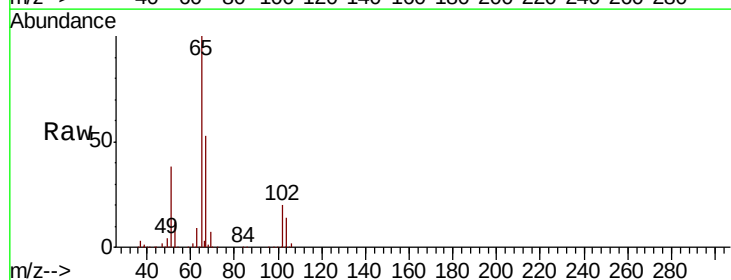


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

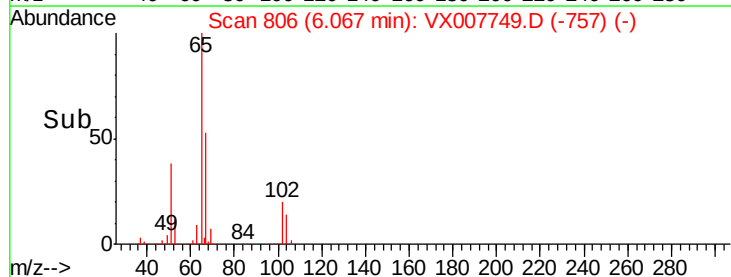
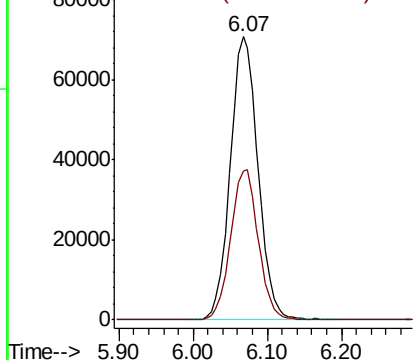


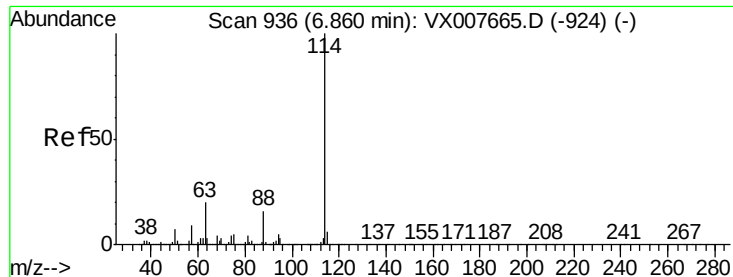
#33
1,2-Dichloroethane-d4
Concen: 49.922 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007749.D
Acq: 27 Feb 2019 22:04

Tgt Ion: 65 Resp: 184689
Ion Ratio Lower Upper
65 100
67 52.8 0.0 108.8



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# 936

Delta R.T. -0.00 min

Lab File: VX007749.D

Acq: 27 Feb 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

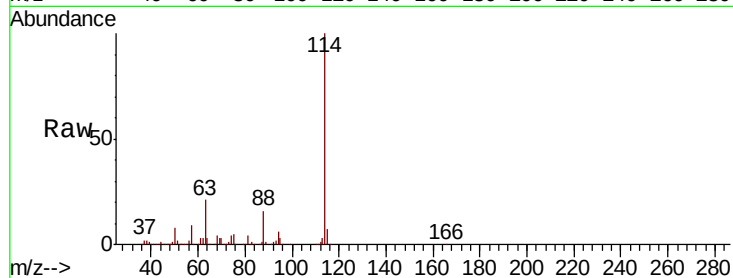
Tot Ion:114 Resp: 469362

Ion Ratio Lower Upper

114 100

63 20.6 0.0 35.6

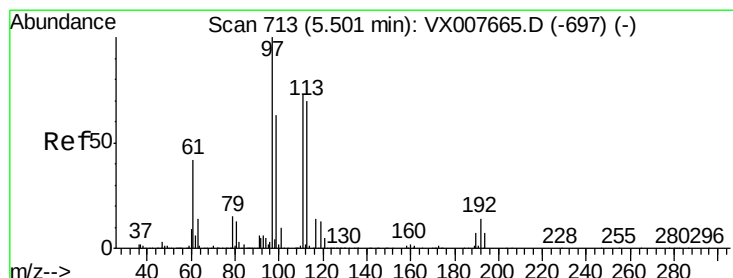
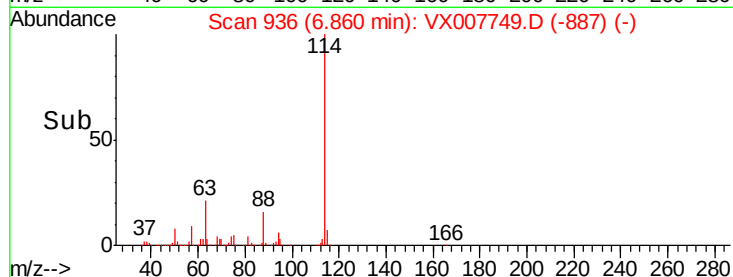
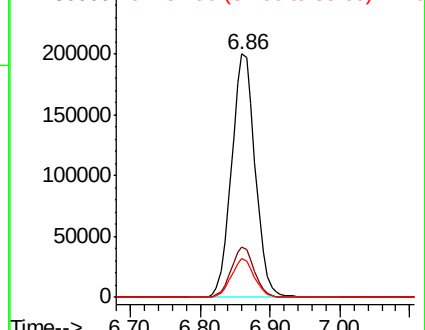
88 15.8 0.0 29.6



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: 48.952 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007749.D

Acq: 27 Feb 2019 22:04

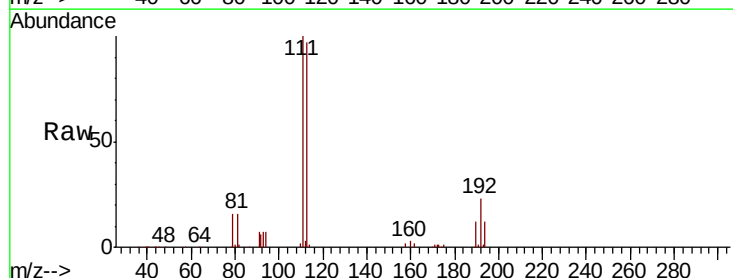
Tgt Ion:113 Resp: 153588

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.8

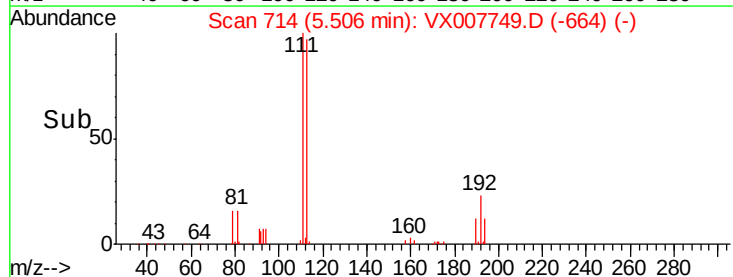
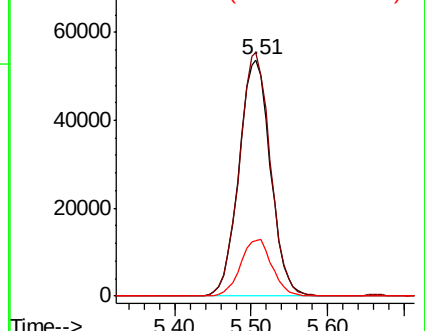
192 24.0 18.5 27.7

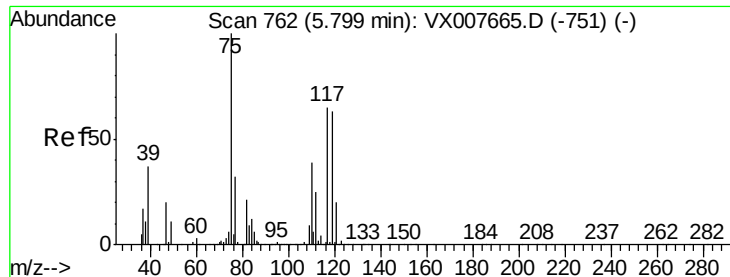


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

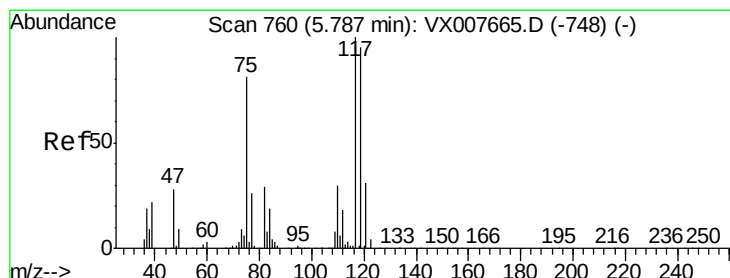
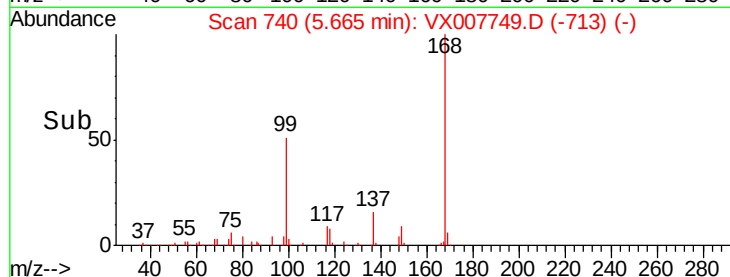
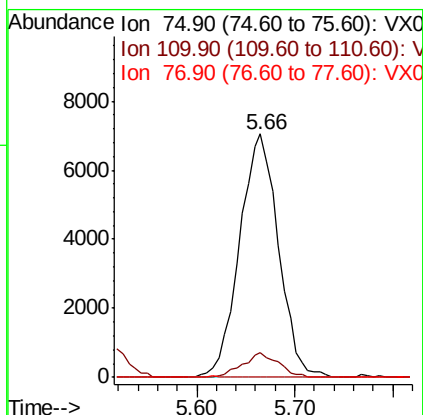
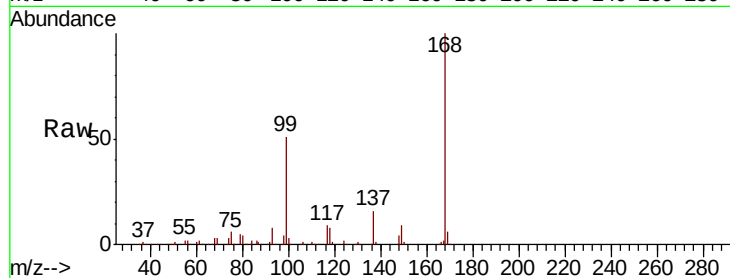




#36
 1,1-Dichloropropene
 Concen: 4.591 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX007749.D
 Acq: 27 Feb 2019 22:04

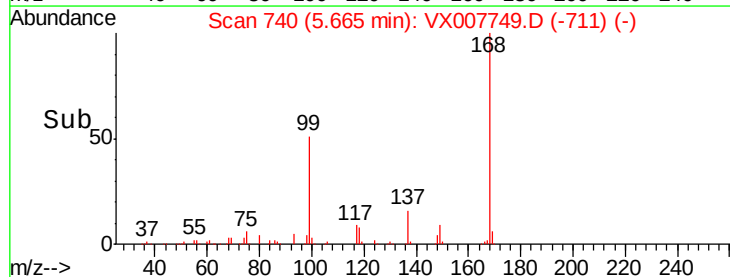
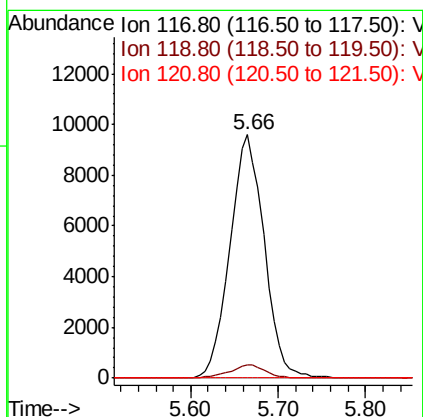
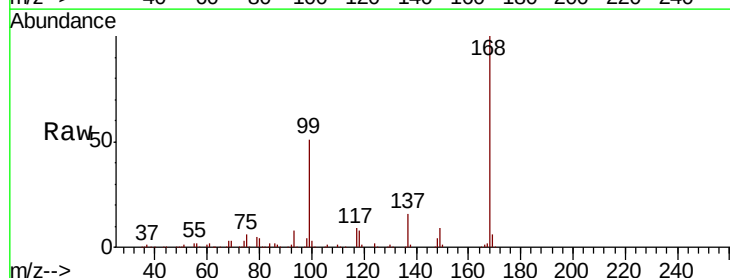
Instrument :
 MSVOA_X
 ClientSampleId :

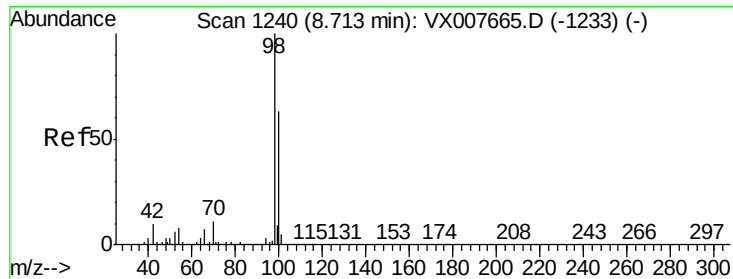
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.3	20.0	59.9#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.161 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX007749.D
 Acq: 27 Feb 2019 22:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.3	112.9#
121	0.0	25.0	37.4#

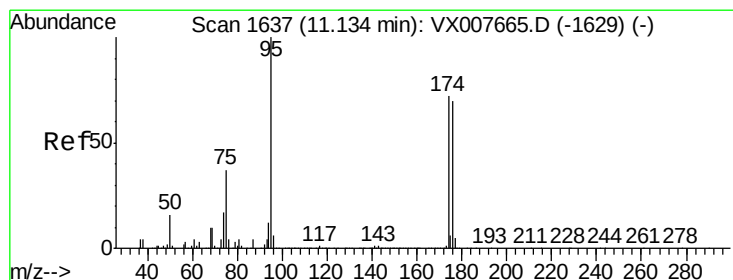
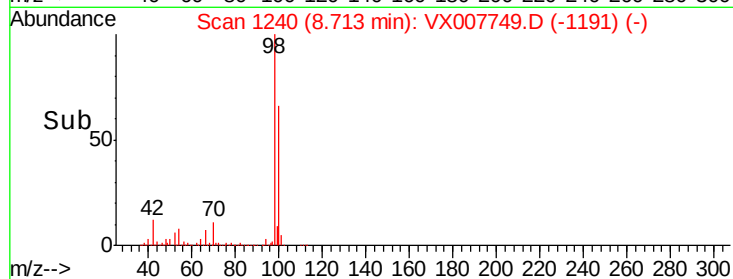
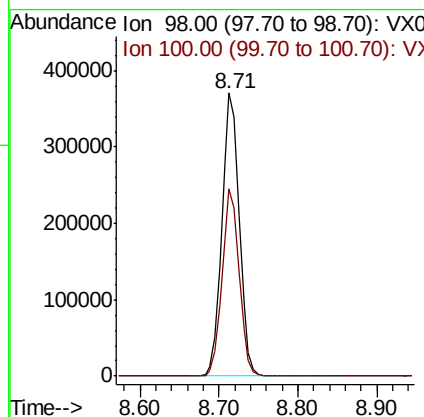
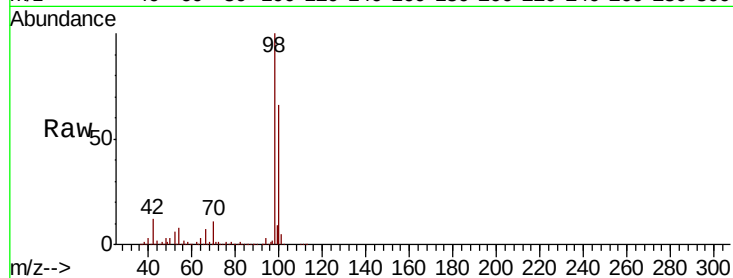




#50
Toluene-d8
Concen: 47.323 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007749.D
Acq: 27 Feb 2019 22:04

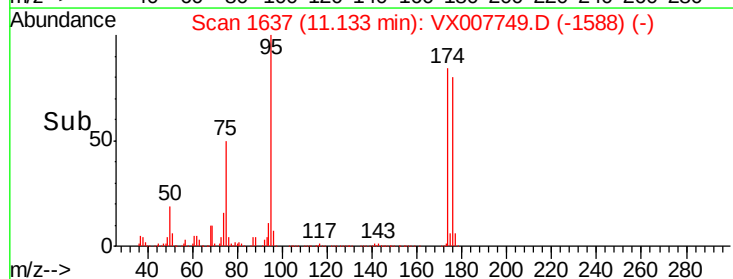
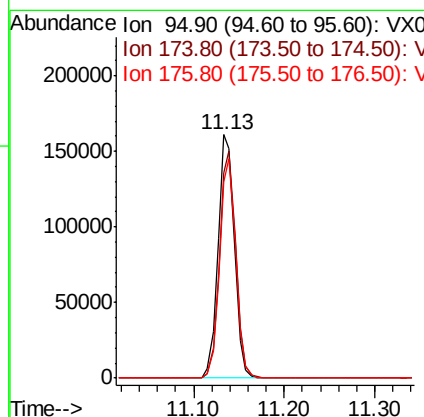
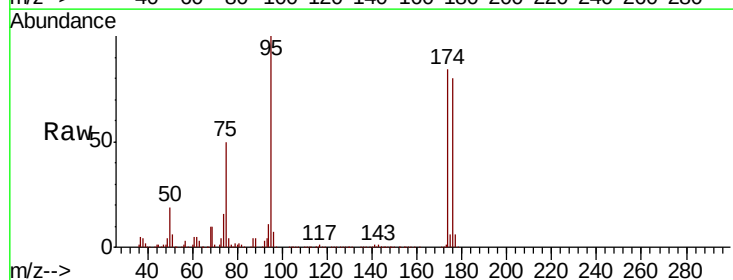
Instrument :
MSVOA_X
ClientSampleId :

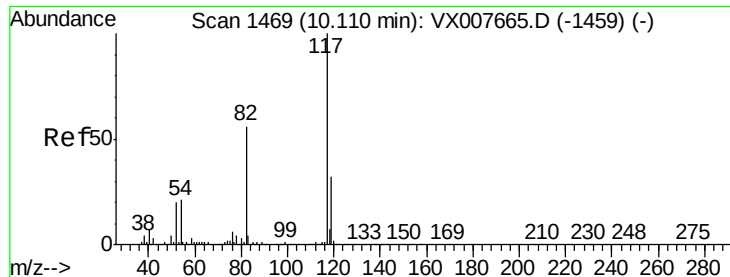
Tot Ion: 98 Resp: 568431
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.409 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007749.D
Acq: 27 Feb 2019 22:04

Tgt Ion: 95 Resp: 204605
Ion Ratio Lower Upper
95 100
174 92.1 0.0 189.2
176 88.7 0.0 186.2

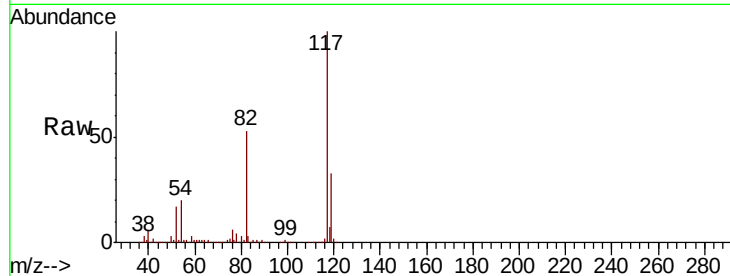




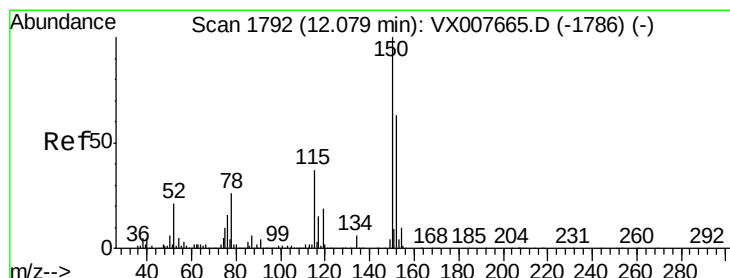
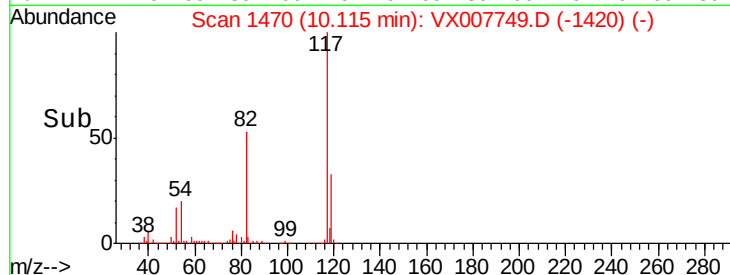
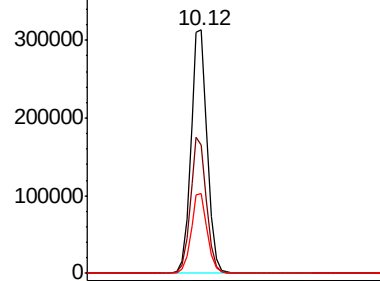
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007749.D
Acq: 27 Feb 2019 22:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.1	63.1
119	32.8	26.5	39.7

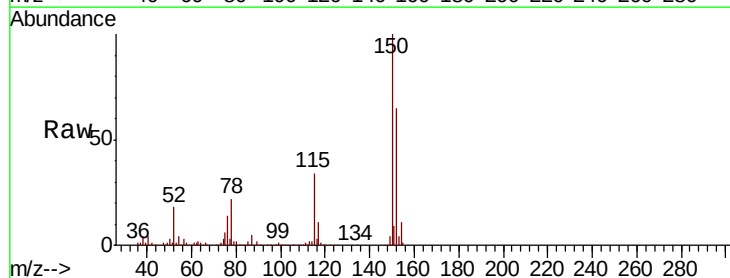


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

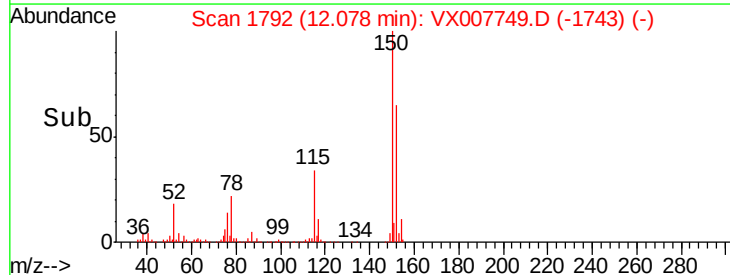
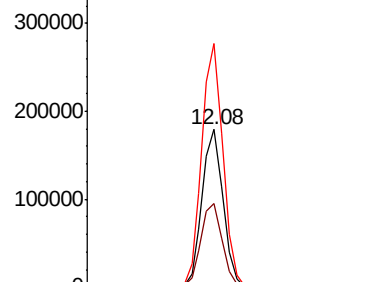


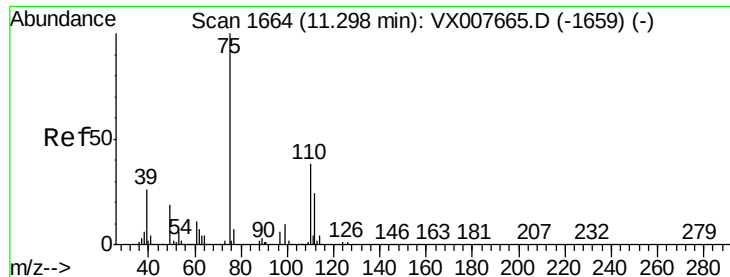
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007749.D
Acq: 27 Feb 2019 22:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	38.0	114.0
150	156.3	0.0	346.4



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





#76

1,2,3-Trichloropropane

Concen: 22.018 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.17 min

Lab File: VX007749.D

Acq: 27 Feb 2019 22:04

Instrument :

MSVOA_X

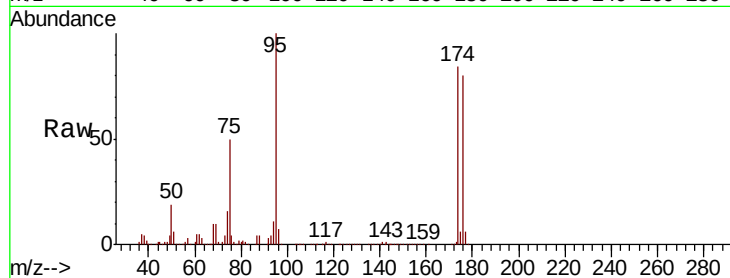
ClientSampleId :

Tot Ion: 75 Resp: 99434

Ion Ratio Lower Upper

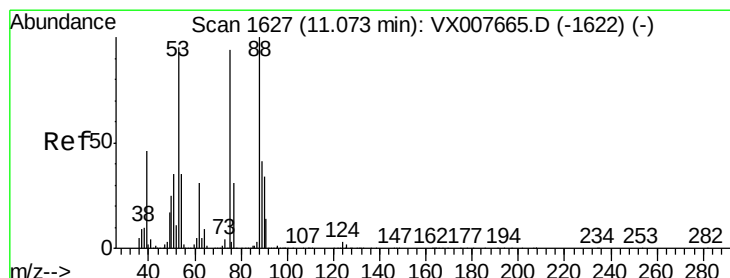
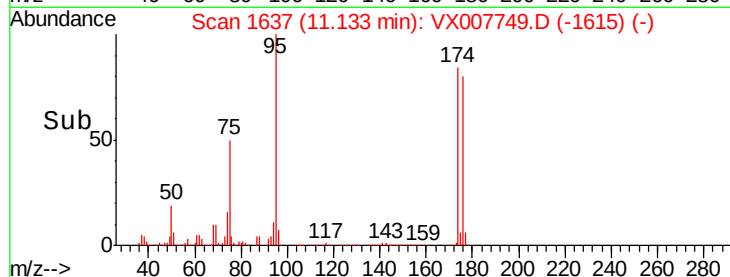
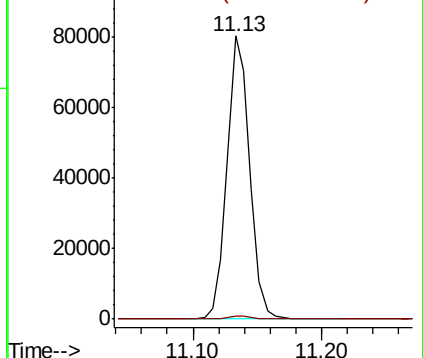
75 100

77 1.2 23.0 69.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 58.459 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007749.D

Acq: 27 Feb 2019 22:04

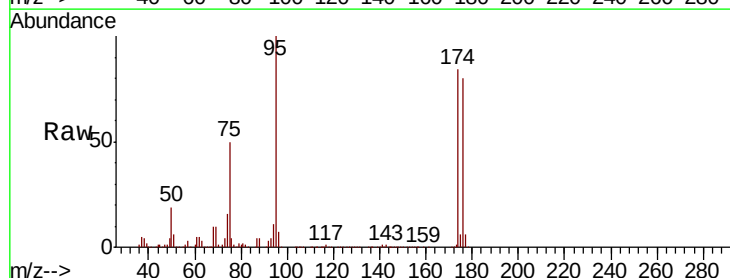
Tgt Ion: 75 Resp: 99434

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

89 0.0 41.4 62.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

