

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
 Data File : VX015634.D
 Acq On : 10 Apr 2020 20:05
 Operator : JC/SP
 Sample : L2196-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 11 00:36:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1103580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1711000	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1669296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	934080	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	700071	44.98	ug/l	0.00
Spiked Amount			Recovery	=	89.96%	
35) Dibromofluoromethane	5.47	113	520446	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	
50) Toluene-d8	8.70	98	2048380	50.87	ug/l	0.00
Spiked Amount			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	11.12	95	897937	54.87	ug/l	0.00
Spiked Amount			Recovery	=	109.74%	

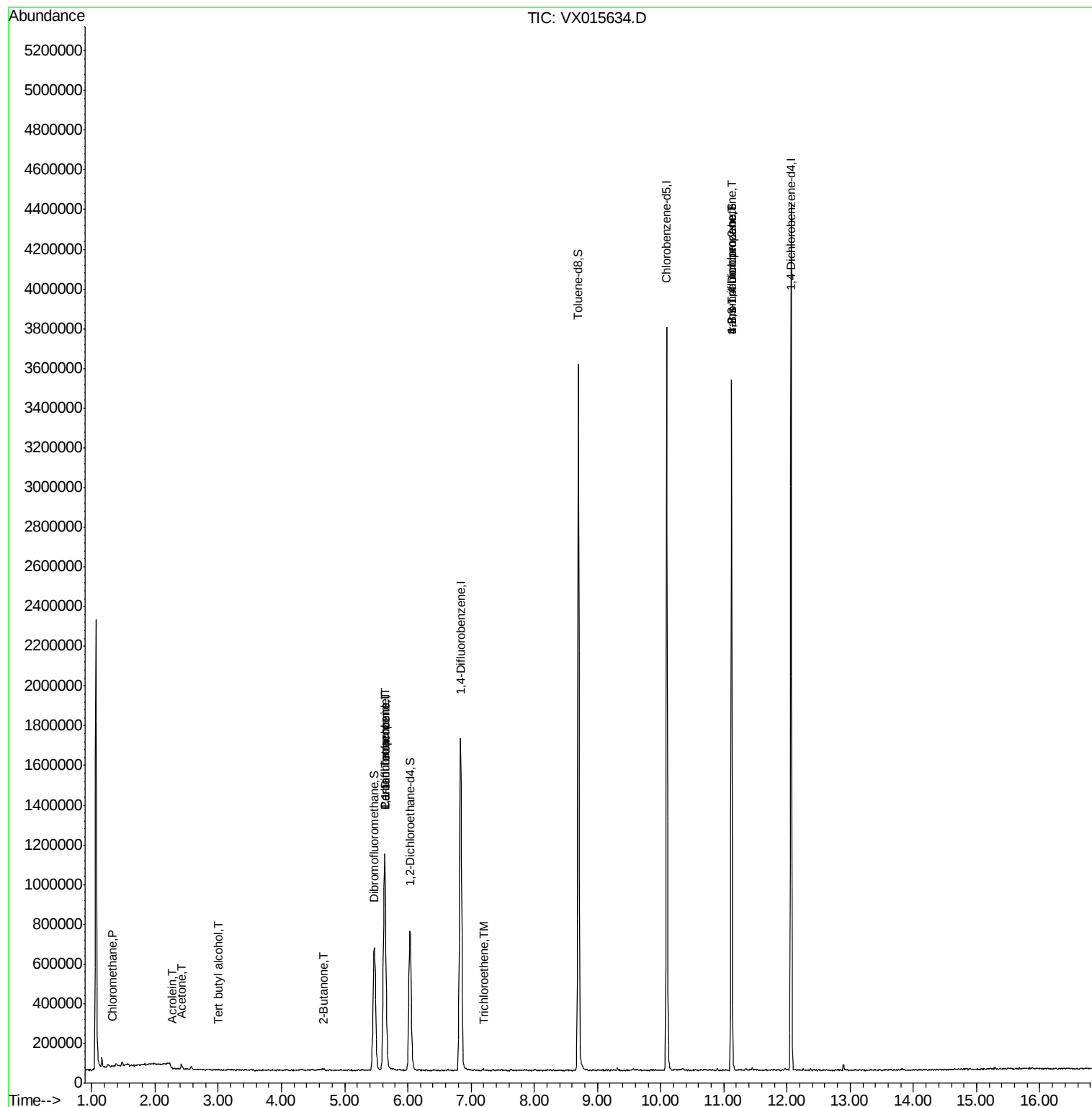
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	3402	0.275	ug/l	98
5) Bromomethane	1.62	94	320	Below Cal	#	1
11) Tert butyl alcohol	3.00	59	1077	0.289	ug/l #	1
13) Acrolein	2.28	56	452	0.213	ug/l #	1
16) Acetone	2.42	43	34124	5.103	ug/l	99
25) 2-Butanone	4.67	43	2906	0.270	ug/l #	35
36) 1,1-Dichloropropene	5.64	75	82748	5.249	ug/l #	52
38) Carbon Tetrachloride	5.64	117	100926	5.911	ug/l #	15
44) Trichloroethene	7.20	130	3835	0.304	ug/l	73
76) 1,2,3-Trichloropropane	11.12	75	461182	24.009	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	461182	57.609	ug/l #	10

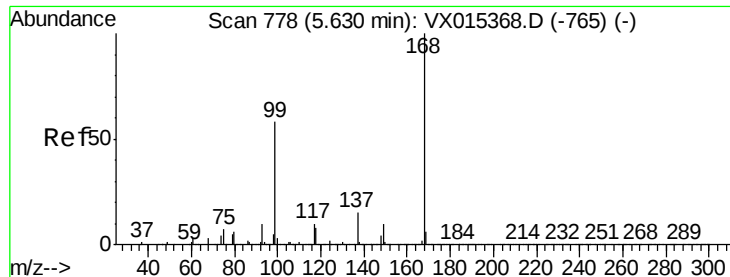
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041020\
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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015634.D

Acq: 10 Apr 2020 20:05

Instrument :

MSVOA_X

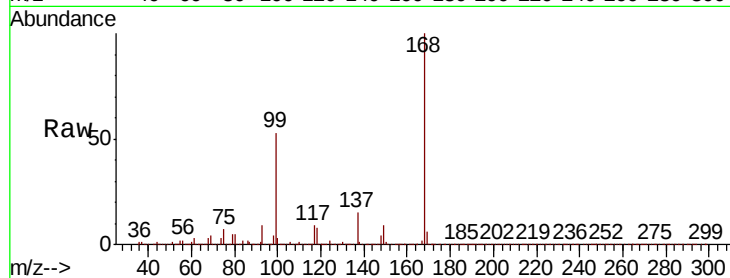
ClientSampleId :

Tot Ion:168 Resp: 1103580

Ion Ratio Lower Upper

168 100

99 53.1 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

400000

300000

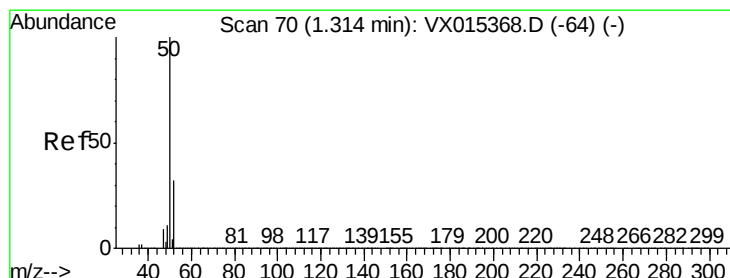
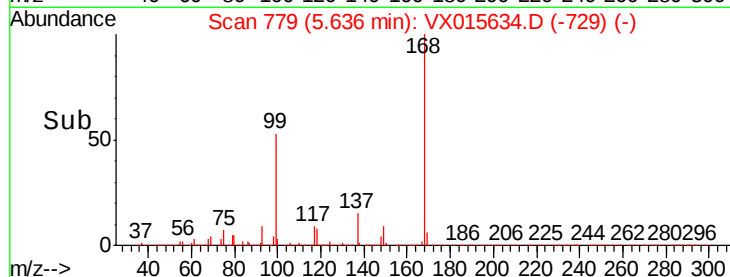
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: 0.275 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015634.D

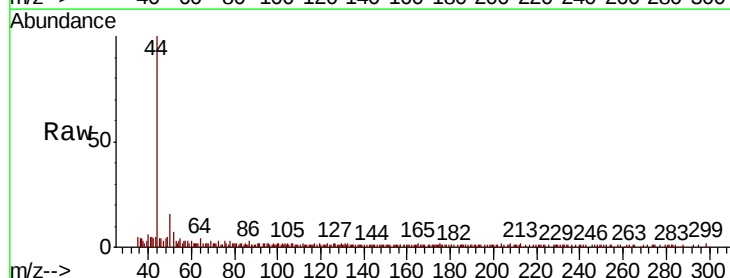
Acq: 10 Apr 2020 20:05

Tgt Ion: 50 Resp: 3402

Ion Ratio Lower Upper

50 100

52 30.5 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

3000

2500

2000

1500

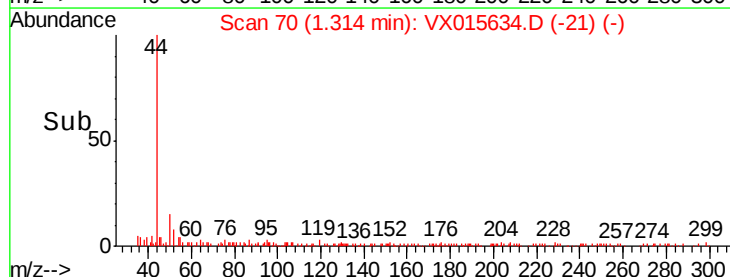
1000

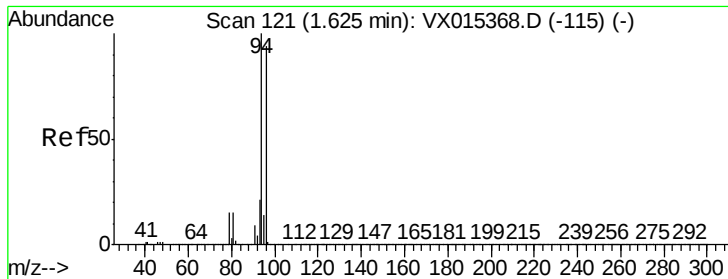
500

0

1.30 1.35

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.62 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX015634.D

Acq: 10 Apr 2020 20:05

Instrument :

MSVOA_X

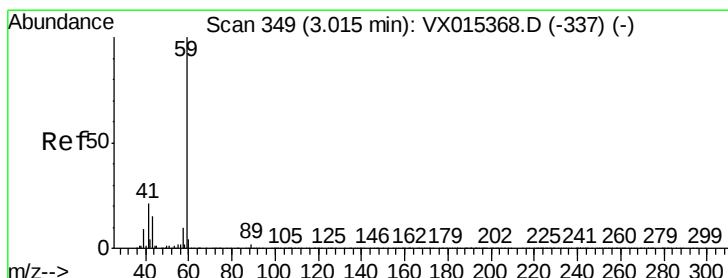
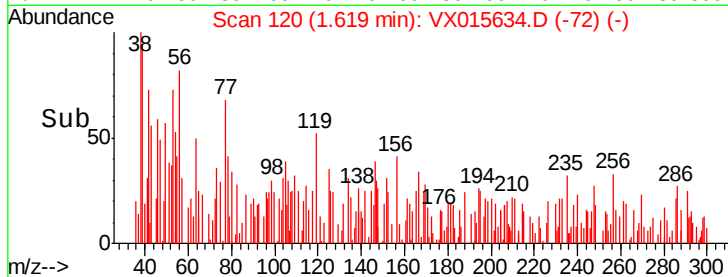
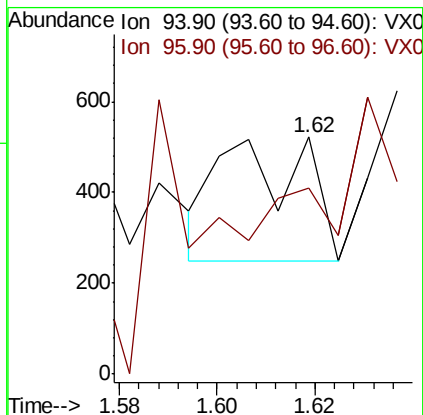
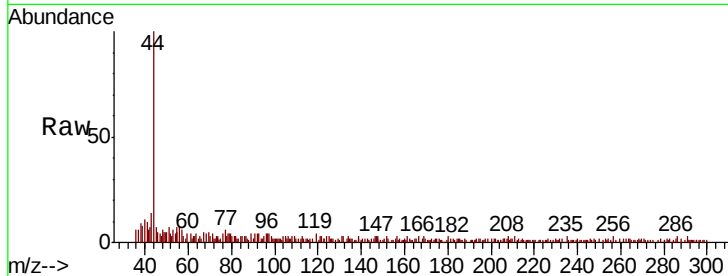
ClientSampled :

Tot Ion: 94 Resp: 320

Ion Ratio Lower Upper

94 100

96 200.7 74.8 112.2#



#11

Tert butyl alcohol

Concen: 0.289 ug/l

RT: 3.00 min Scan# 347

Delta R.T. -0.01 min

Lab File: VX015634.D

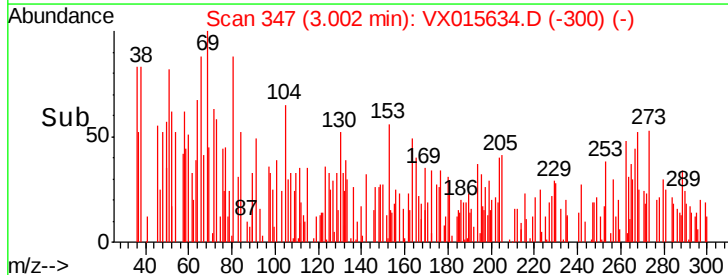
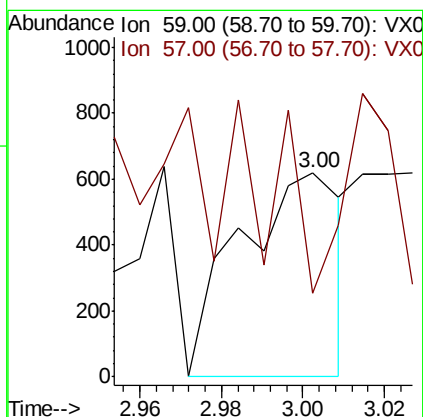
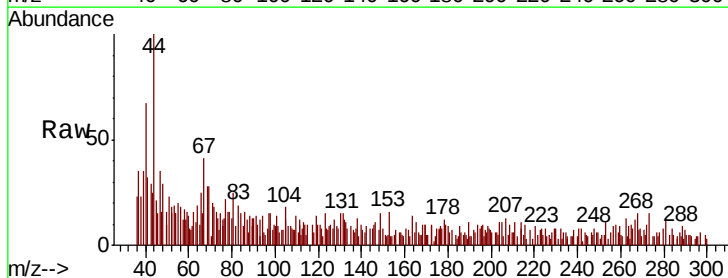
Acq: 10 Apr 2020 20:05

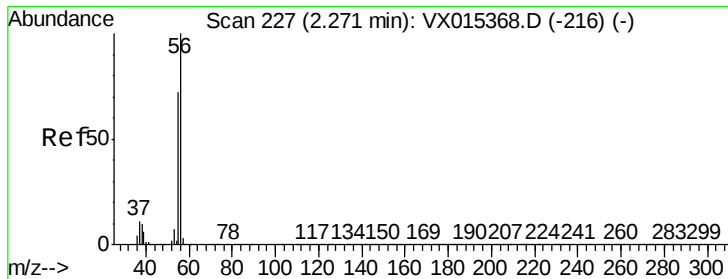
Tgt Ion: 59 Resp: 1077

Ion Ratio Lower Upper

59 100

57 51.2 8.1 12.1#

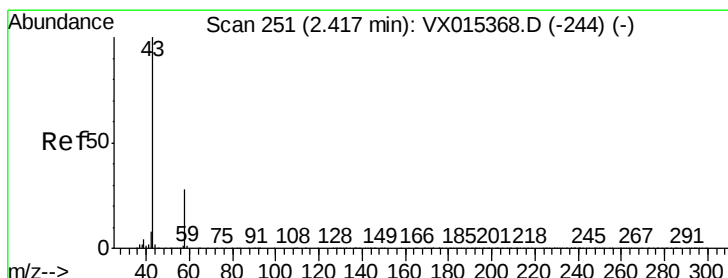
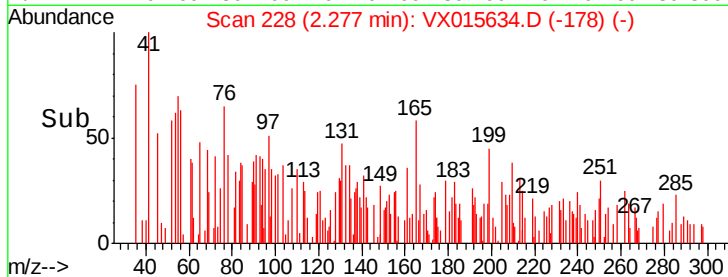
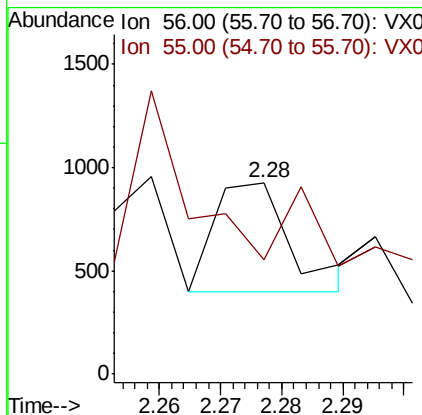
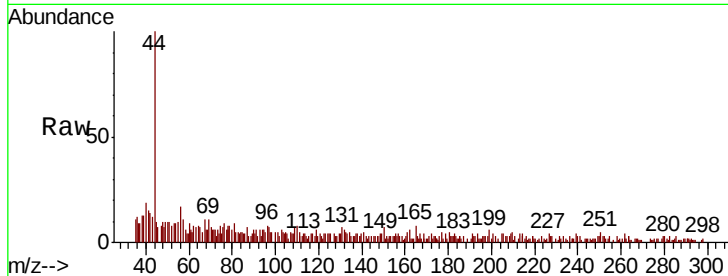




#13
Acrolein
Concen: 0.213 ug/l
RT: 2.28 min Scan# 228
Delta R.T. 0.01 min
Lab File: VX015634.D
Acq: 10 Apr 2020 20:05

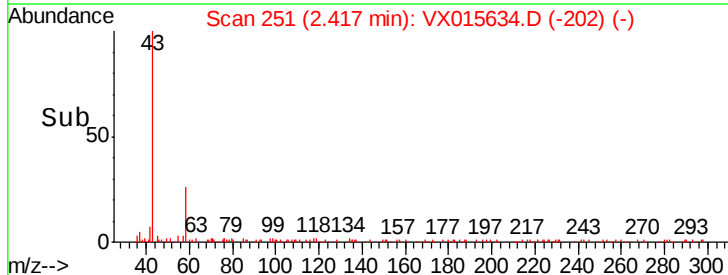
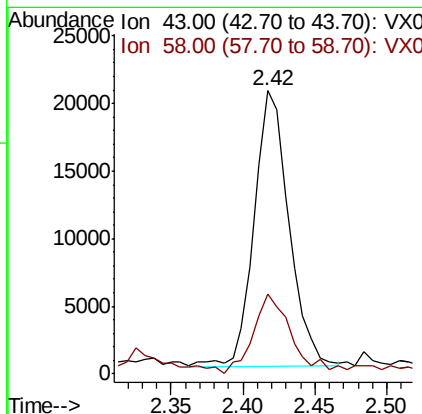
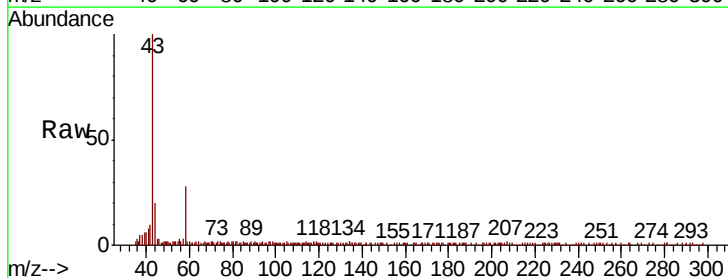
Instrument :
MSVOA_X
ClientSampled :

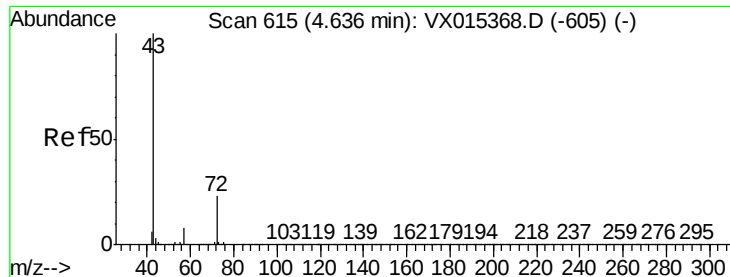
Tot Ion: 56 Resp: 452
Ion Ratio Lower Upper
56 100
55 157.7 57.0 85.4#



#16
Acetone
Concen: 5.103 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.00 min
Lab File: VX015634.D
Acq: 10 Apr 2020 20:05

Tgt Ion: 43 Resp: 34124
Ion Ratio Lower Upper
43 100
58 26.8 22.1 33.1





#25

2-Butanone

Concen: 0.270 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.03 min

Lab File: VX015634.D

Acq: 10 Apr 2020 20:05

Instrument :

MSVOA_X

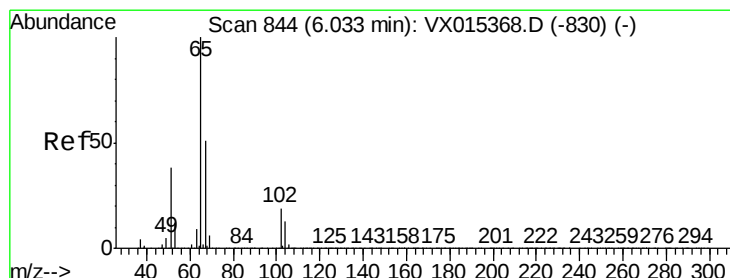
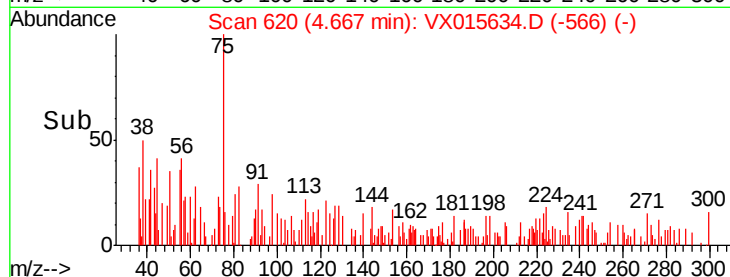
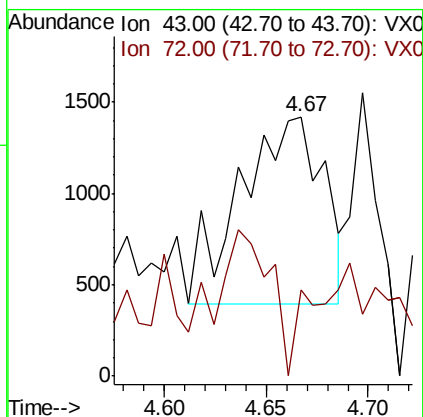
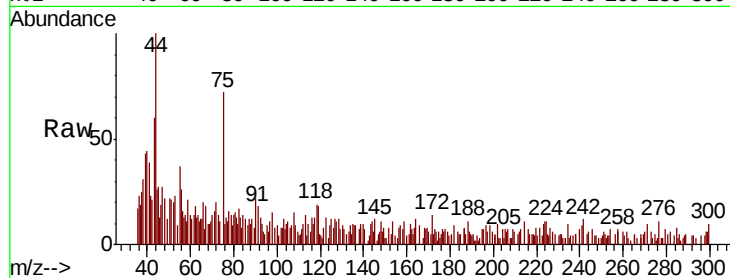
ClientSampleId :

Tot Ion: 43 Resp: 2906

Ion Ratio Lower Upper

43 100

72 55.7 19.0 28.4#



#33

1,2-Dichloroethane-d4

Concen: 44.978 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015634.D

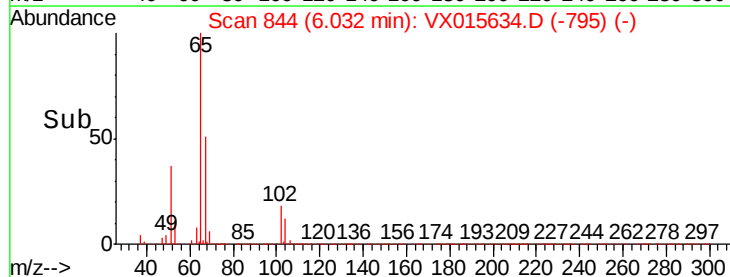
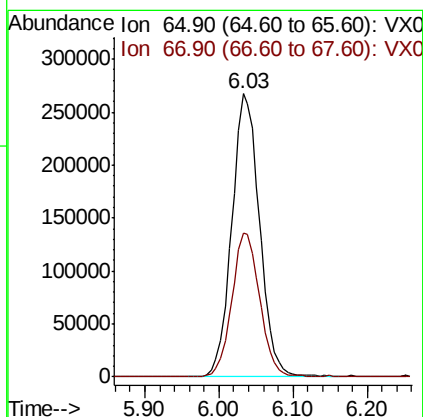
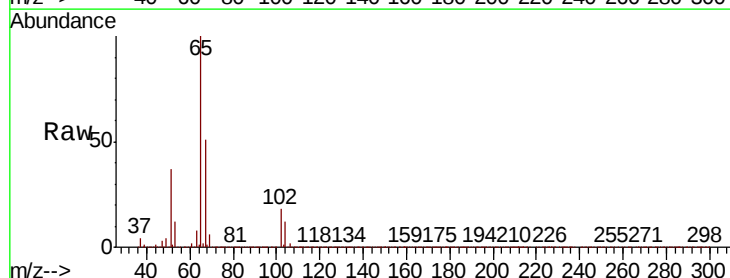
Acq: 10 Apr 2020 20:05

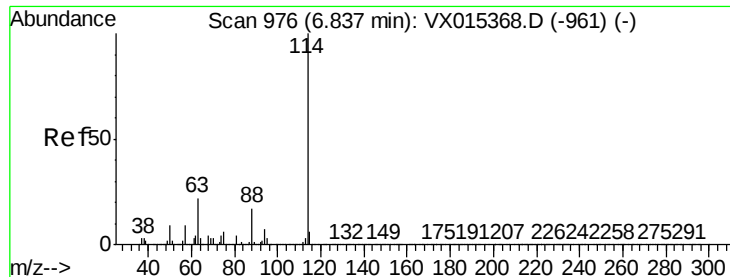
Tgt Ion: 65 Resp: 700071

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.6

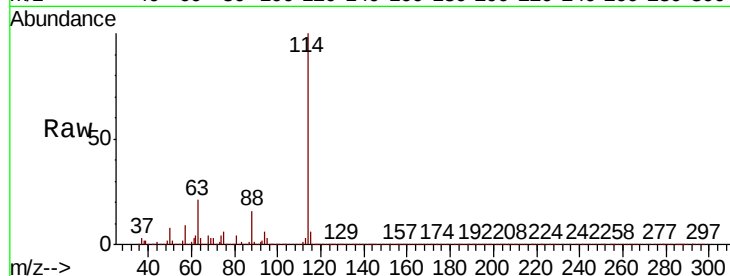




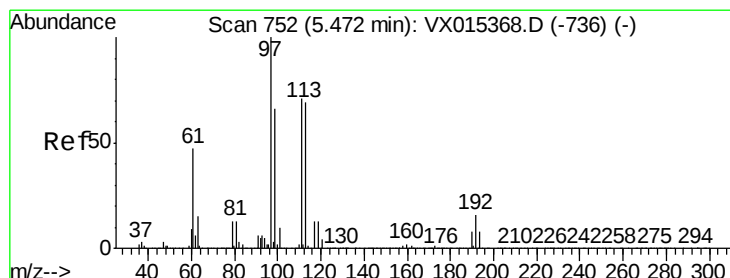
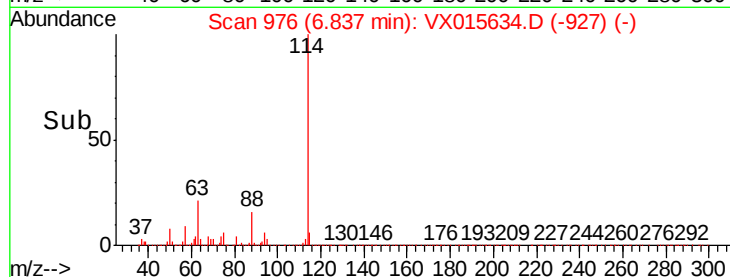
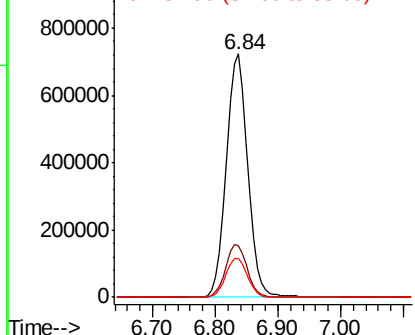
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 976
Delta R.T. -0.00 min
Lab File: VX015634.D
Acq: 10 Apr 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:114 Resp: 1711000
Ion Ratio Lower Upper
114 100
63 21.2 0.0 44.2
88 15.7 0.0 33.8

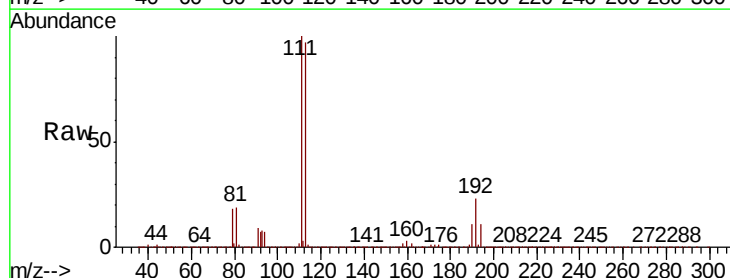


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

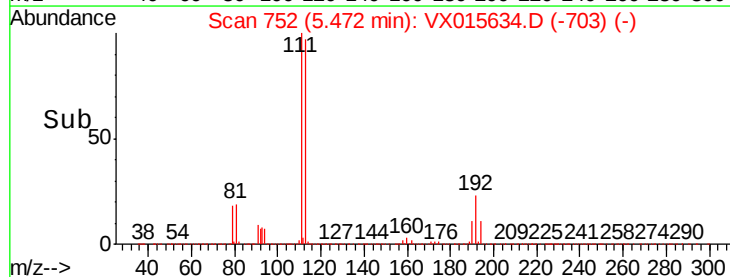
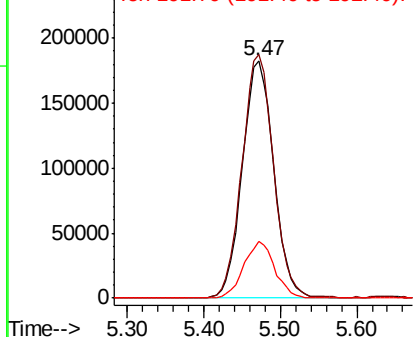


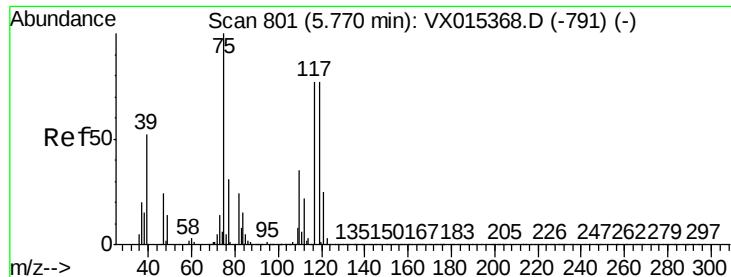
#35
Dibromofluoromethane
Concen: 47.585 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX015634.D
Acq: 10 Apr 2020 20:05

Tgt Ion:113 Resp: 520446
Ion Ratio Lower Upper
113 100
111 102.8 81.5 122.3
192 23.5 17.8 26.6



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

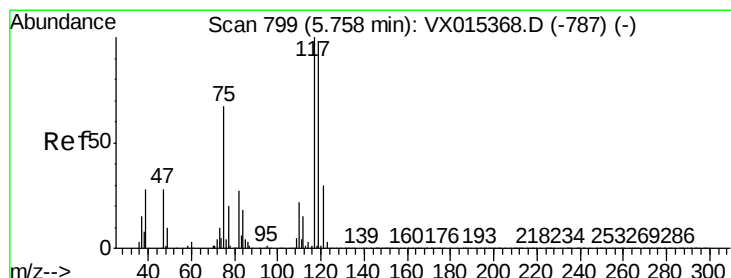
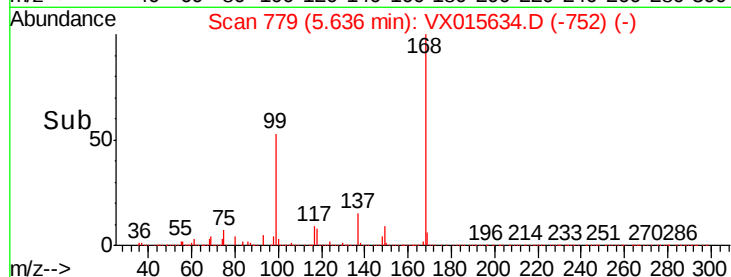
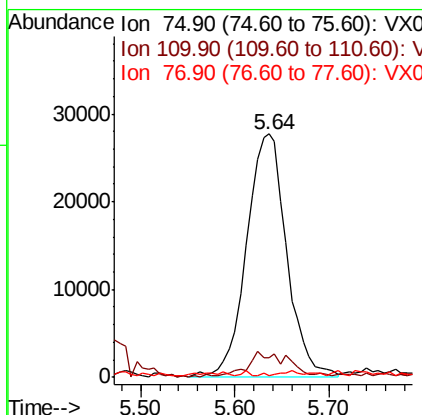
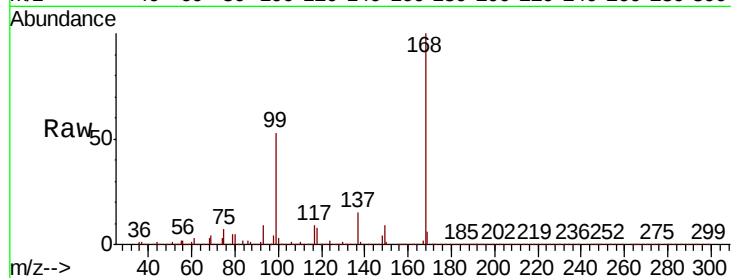




#36
 1,1-Dichloropropene
 Concen: 5.249 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.13 min
 Lab File: VX015634.D
 Acq: 10 Apr 2020 20:05

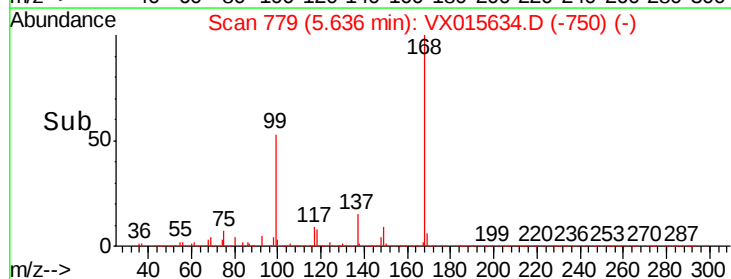
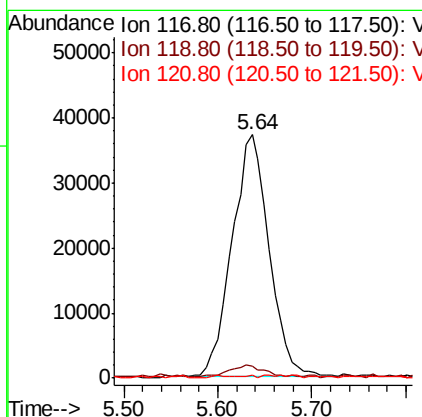
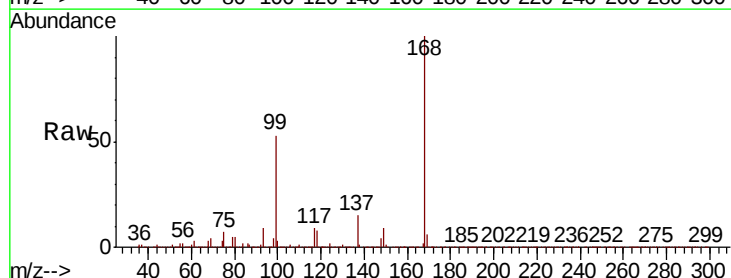
Instrument :
 MSVOA_X
 ClientSampleId :

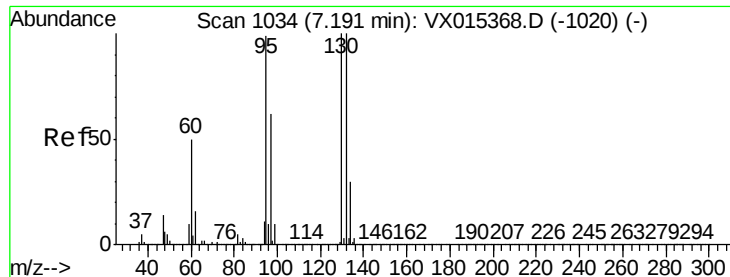
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.8	17.1	51.3#
77	0.1	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.911 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.12 min
 Lab File: VX015634.D
 Acq: 10 Apr 2020 20:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.3	78.0	117.0#
121	1.0	23.8	35.8#





#44

Trichloroethene

Concen: 0.304 ug/l

RT: 7.20 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX015634.D

Acq: 10 Apr 2020 20:05

Instrument :

MSVOA_X

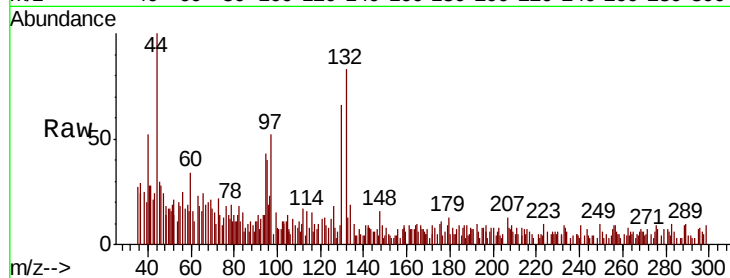
ClientSampled :

Tot Ion:130 Resp: 3835

Ion Ratio Lower Upper

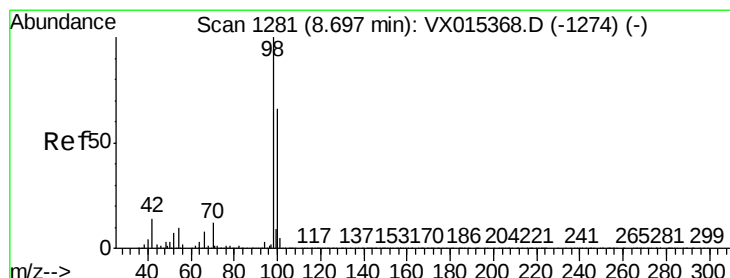
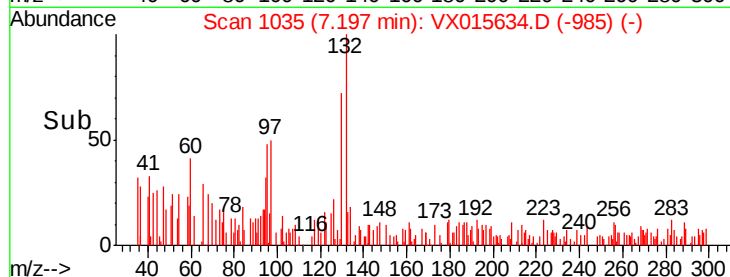
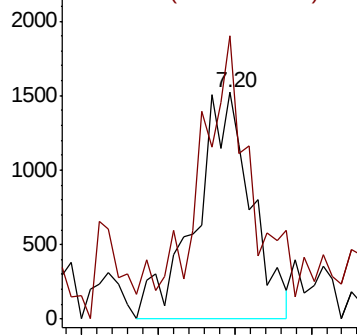
130 100

95 126.1 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.869 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015634.D

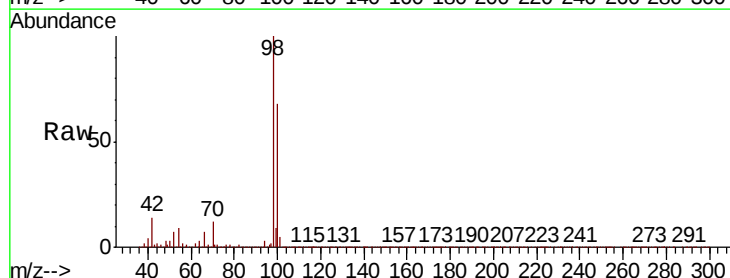
Acq: 10 Apr 2020 20:05

Tgt Ion: 98 Resp: 2048380

Ion Ratio Lower Upper

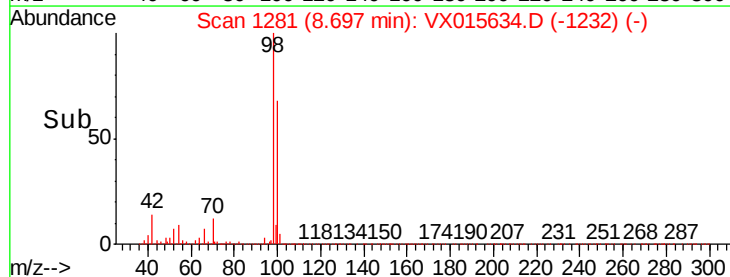
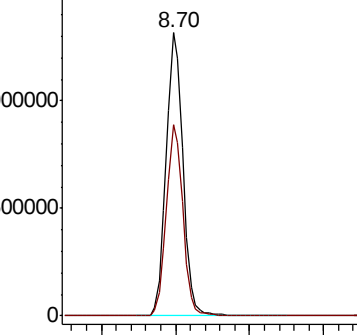
98 100

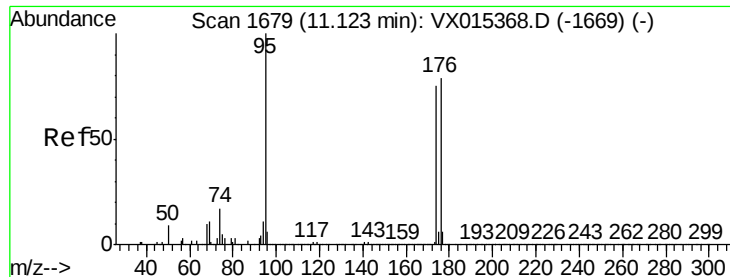
100 66.9 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 54.870 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015634.D

Acq: 10 Apr 2020 20:05

Instrument :

MSVOA_X

ClientSampled :

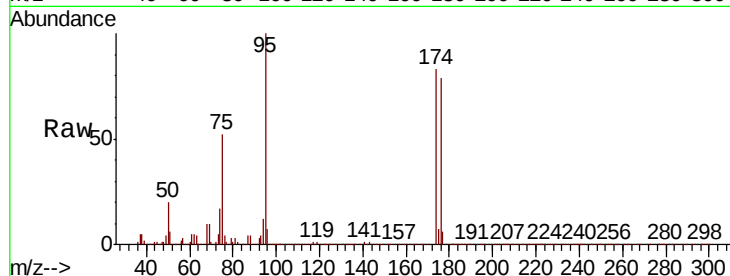
Tot Ion: 95 Resp: 897937

Ion Ratio Lower Upper

95 100

174 82.0 0.0 158.6

176 80.7 0.0 159.0

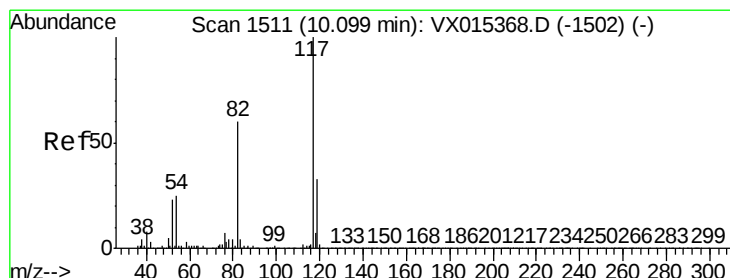
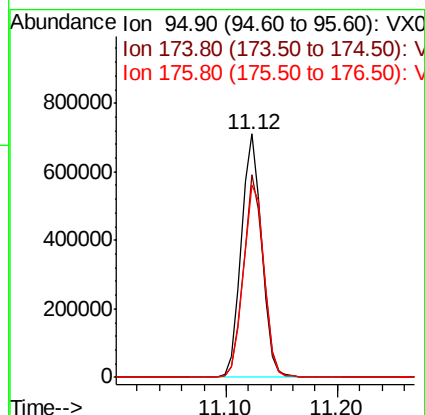
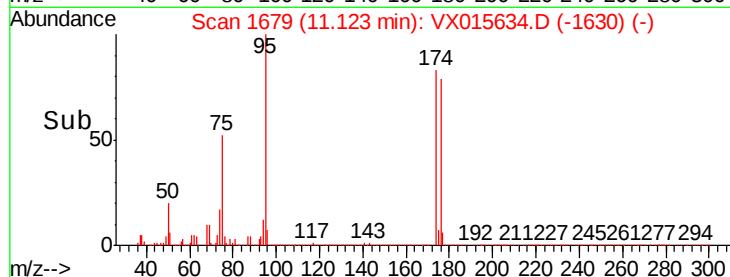


Abundance Ion 94.90 (94.60 to 95.60): VX015368.D (-1669) (-)

Ion 173.80 (173.50 to 174.50): VX015368.D (-1669) (-)

Ion 175.80 (175.50 to 176.50): VX015368.D (-1669) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015634.D

Acq: 10 Apr 2020 20:05

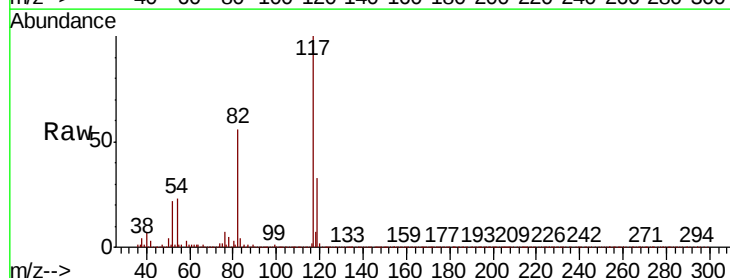
Tgt Ion: 117 Resp: 1669296

Ion Ratio Lower Upper

117 100

82 55.8 47.8 71.8

119 32.9 26.8 40.2

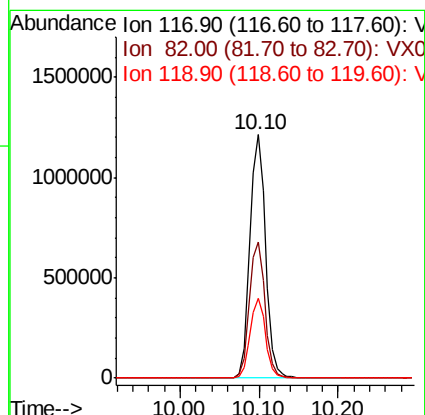
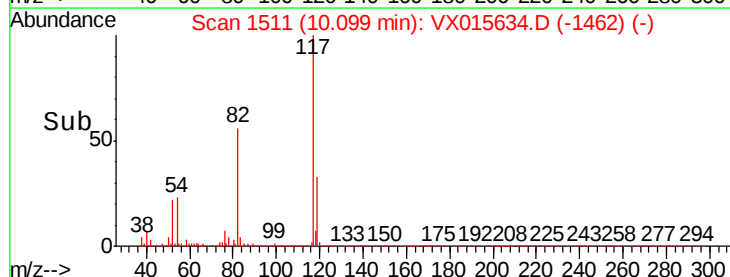


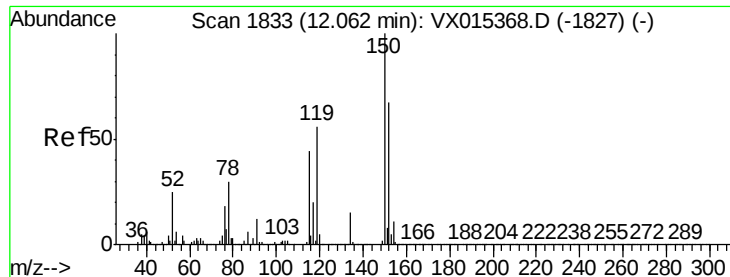
Abundance Ion 116.90 (116.60 to 117.60): VX015368.D (-1502) (-)

Ion 82.00 (81.70 to 82.70): VX015368.D (-1502) (-)

Ion 118.90 (118.60 to 119.60): VX015368.D (-1502) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015634.D

Acq: 10 Apr 2020 20:05

Instrument :

MSVOA_X

ClientSampled :

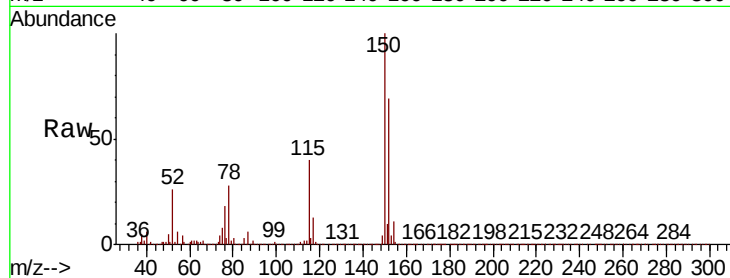
Tot Ion:152 Resp: 934080

Ion Ratio Lower Upper

152 100

115 56.7 39.0 116.9

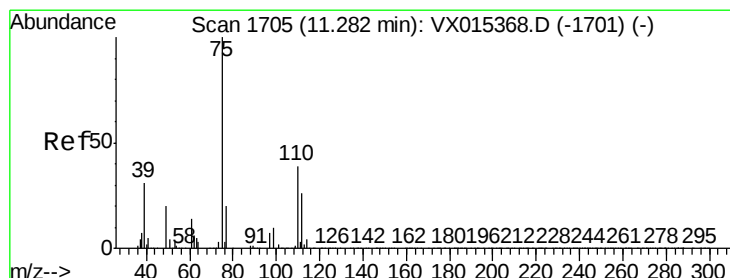
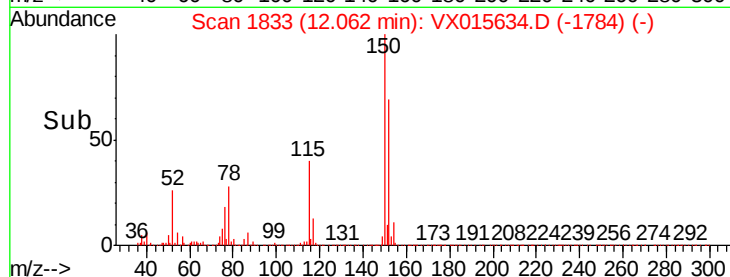
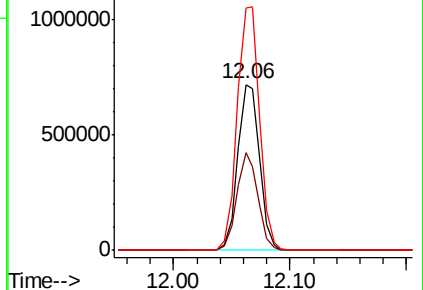
150 150.7 0.0 340.8



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



#76

1,2,3-Trichloropropane

Concen: 24.009 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015634.D

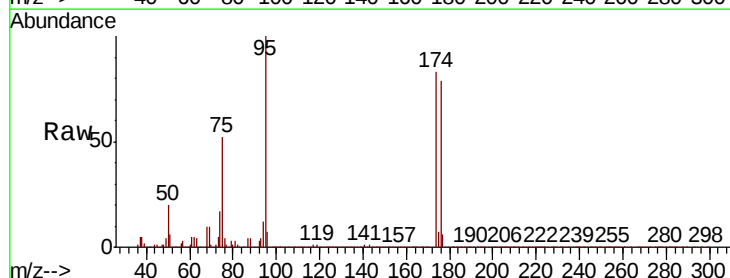
Acq: 10 Apr 2020 20:05

Tgt Ion: 75 Resp: 461182

Ion Ratio Lower Upper

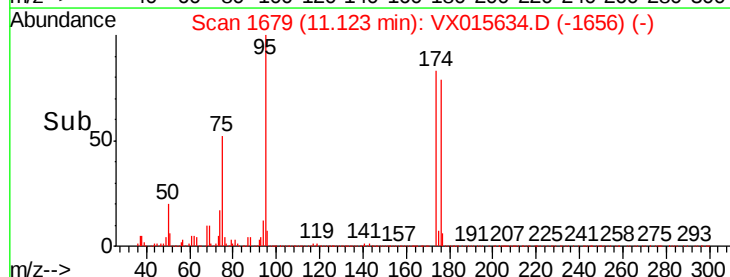
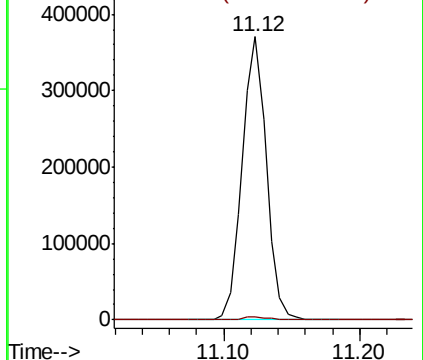
75 100

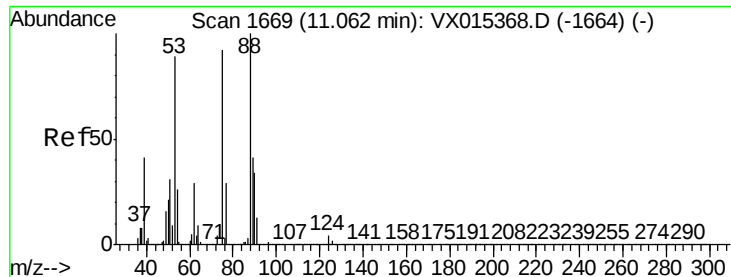
77 1.4 21.2 63.6#



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: 57.609 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015634.D

Acq: 10 Apr 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 461182

Ion Ratio Lower Upper

75 100

53 0.1 80.1 120.1#

89 0.2 36.1 54.1#

