

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042020\
 Data File : VX015766.D
 Acq On : 20 Apr 2020 15:27
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 21 07:56:12 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	5.63	168	1070922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1656124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1595969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	909836	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	630423	41.74	ug/l	0.00
Spiked Amount			Recovery	=	83.48%	
35) Dibromofluoromethane	5.47	113	515283	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
50) Toluene-d8	8.70	98	1962834	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.12	95	841531	53.13	ug/l	0.00
Spiked Amount			Recovery	=	106.26%	

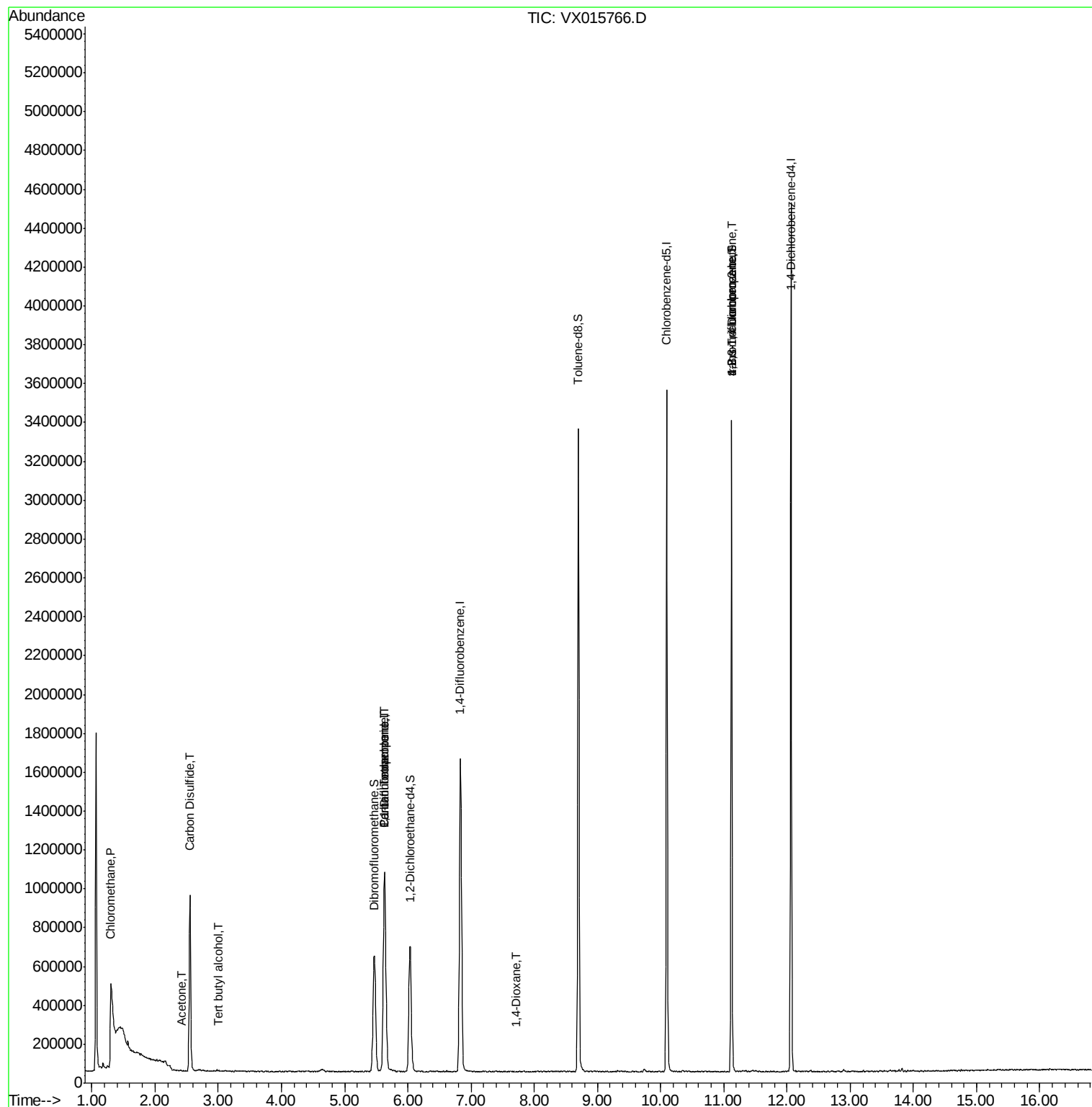
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	26117	2.174	ug/l #	52
5) Bromomethane	1.64	94	375	Below Cal	#	44
11) Tert butyl alcohol	3.00	59	3672	1.016	ug/l #	49
16) Acetone	2.42	43	1597	0.246	ug/l #	18
17) Carbon Disulfide	2.55	76	1113559	36.104	ug/l	100
36) 1,1-Dichloropropene	5.63	75	72059	4.722	ug/l #	53
38) Carbon Tetrachloride	5.64	117	96721	5.852	ug/l #	16
49) 1,4-Dioxane	7.71	88	518	1.657	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	415434	22.204	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	415434	53.277	ug/l #	10

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

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Quant Time: Apr 21 07:56:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
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: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015766.D

Acq: 20 Apr 2020 15:27

Instrument :

MSVOA_X

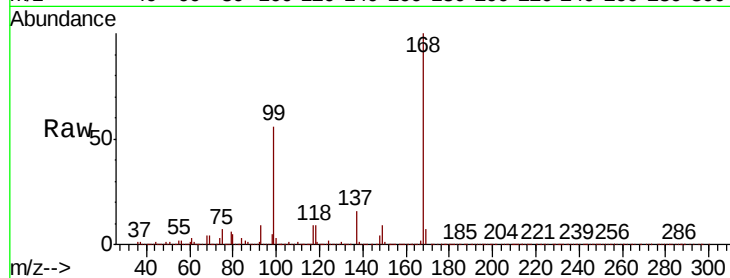
ClientSampleId :

Tot Ion:168 Resp: 1070922

Ion Ratio Lower Upper

168 100

99 56.3 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

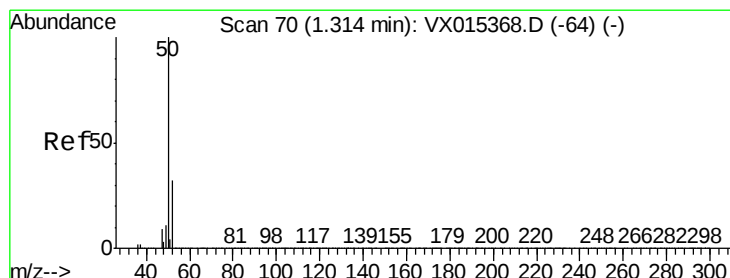
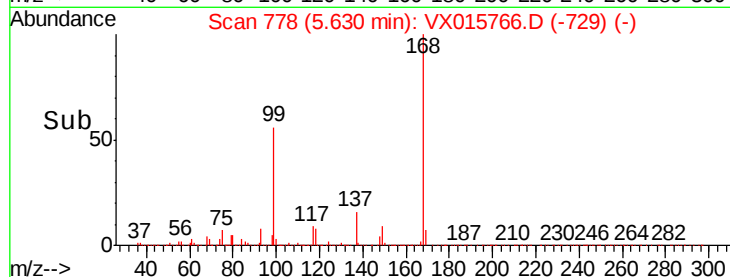
200000

100000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#3

Chloromethane

Concen: 2.174 ug/l

RT: 1.31 min Scan# 69

Delta R.T. -0.01 min

Lab File: VX015766.D

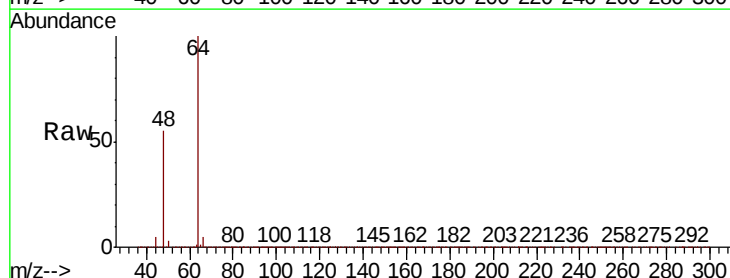
Acq: 20 Apr 2020 15:27

Tgt Ion: 50 Resp: 26117

Ion Ratio Lower Upper

50 100

52 5.1 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

8000

6000

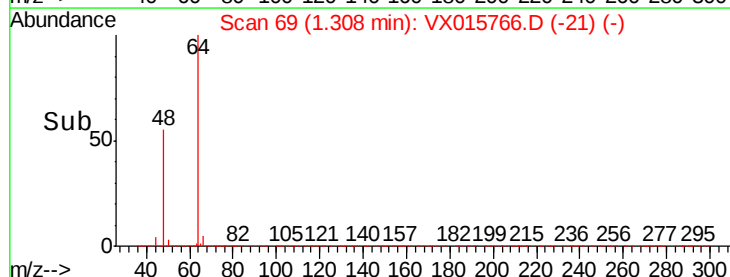
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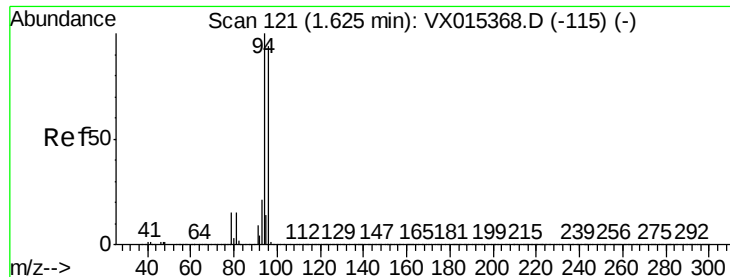
2000

0

Time-->

1.25 1.30 1.35 1.40





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX015766.D

Acq: 20 Apr 2020 15:27

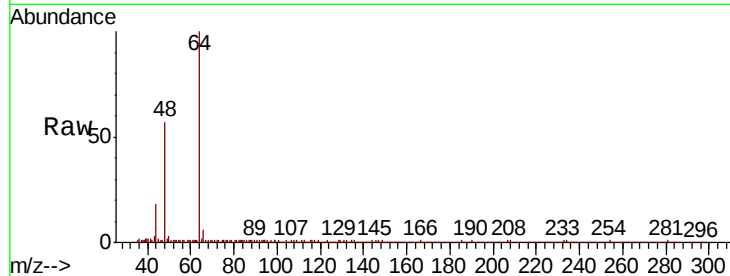
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 375

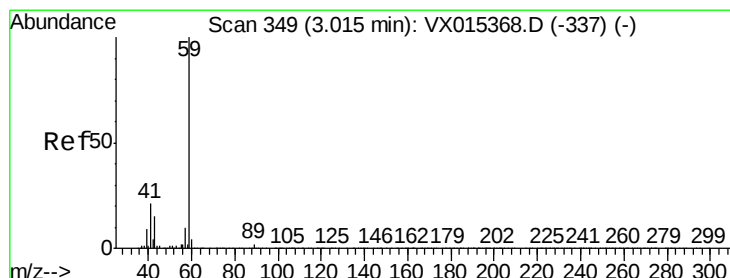
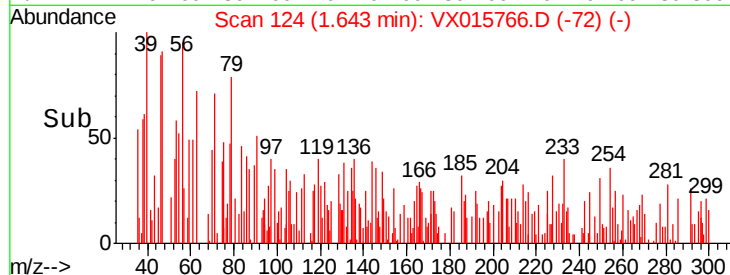
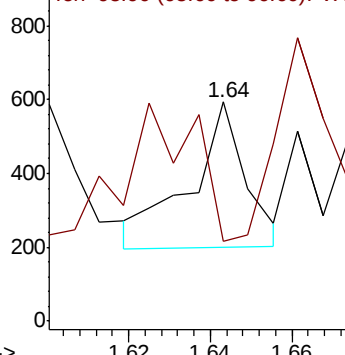
Ion Ratio Lower Upper

94 100

96 39.2 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0



#11

Tert butyl alcohol

Concen: 1.016 ug/l

RT: 3.00 min Scan# 346

Delta R.T. -0.02 min

Lab File: VX015766.D

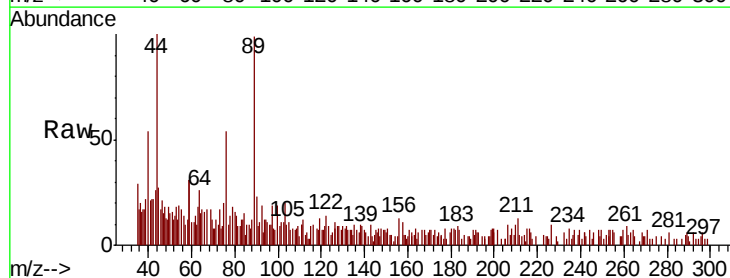
Acq: 20 Apr 2020 15:27

Tgt Ion: 59 Resp: 3672

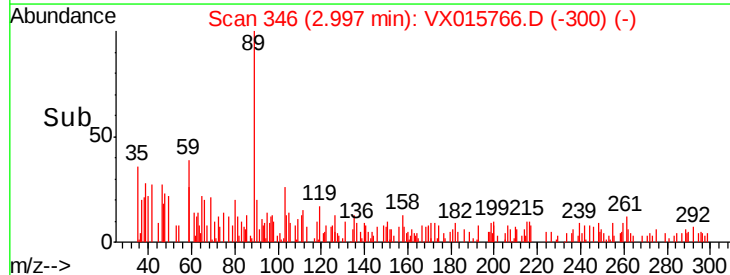
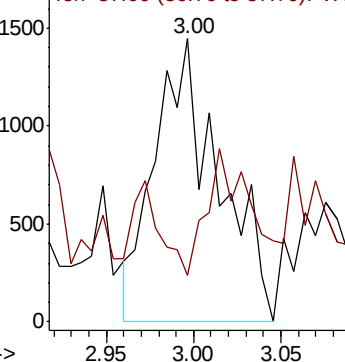
Ion Ratio Lower Upper

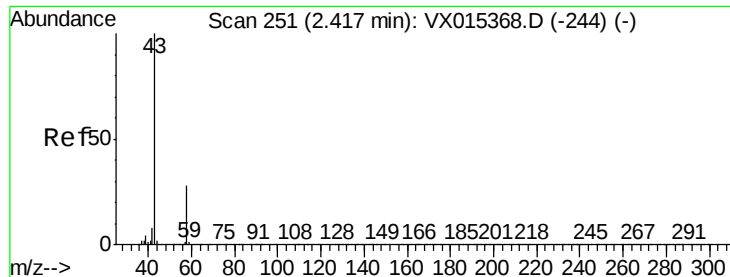
59 100

57 29.2 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

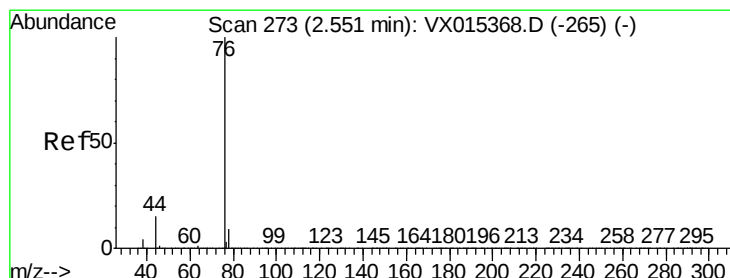
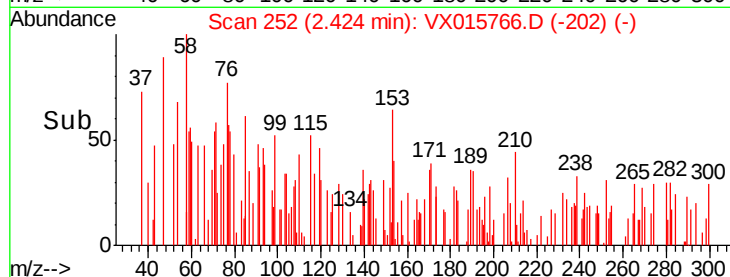
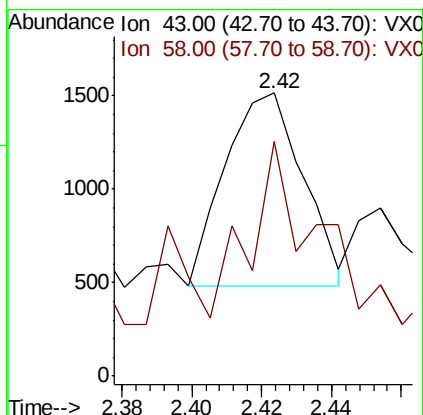
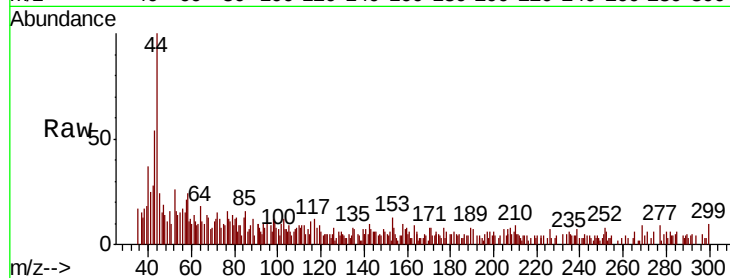




#16
Acetone
Concen: 0.246 ug/l
RT: 2.42 min Scan# 252
Delta R.T. 0.01 min
Lab File: VX015766.D
Acq: 20 Apr 2020 15:27

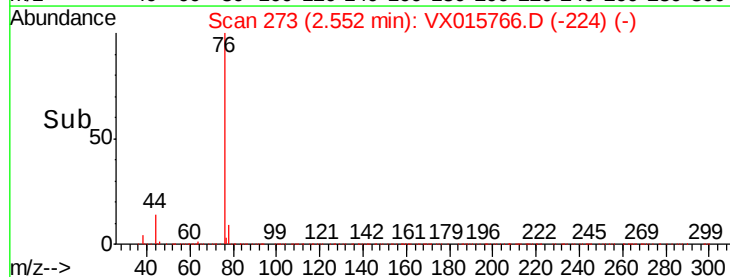
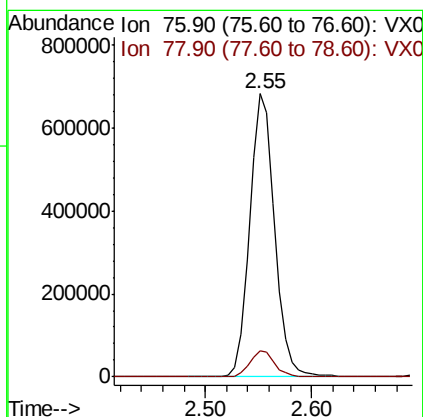
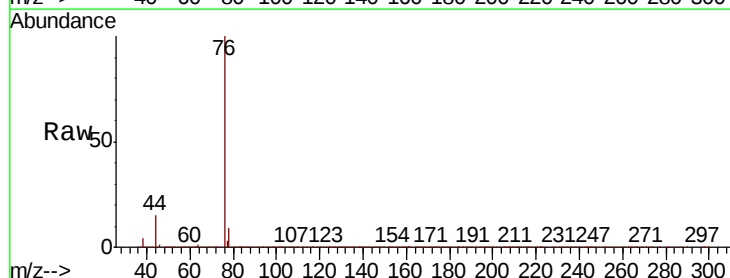
Instrument :
MSVOA_X
ClientSampled :

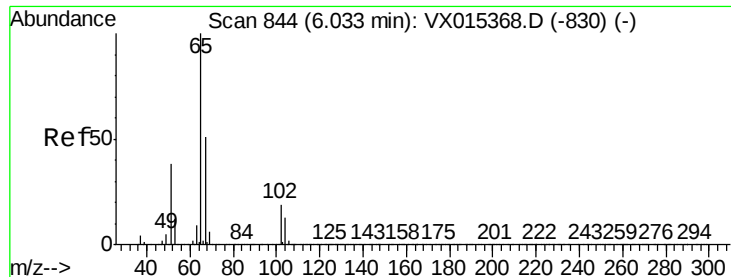
Tot Ion: 43 Resp: 1597
Ion Ratio Lower Upper
43 100
58 70.3 22.1 33.1#



#17
Carbon Disulfide
Concen: 36.104 ug/l
RT: 2.55 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015766.D
Acq: 20 Apr 2020 15:27

Tgt Ion: 76 Resp: 1113559
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7





#33

1,2-Dichloroethane-d4

Concen: 41.738 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015766.D

Acq: 20 Apr 2020 15:27

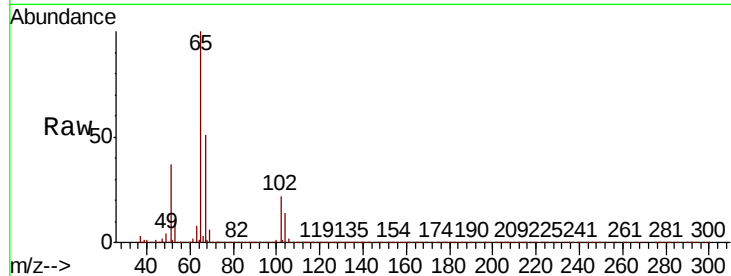
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 630423

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

250000

200000

150000

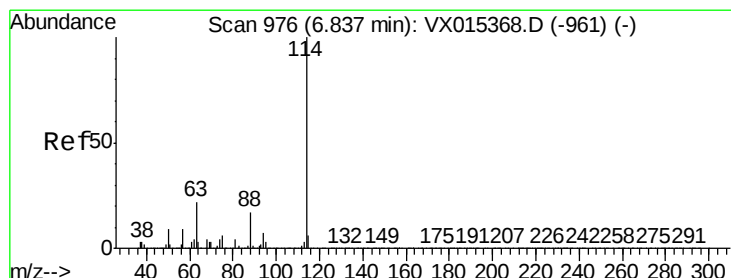
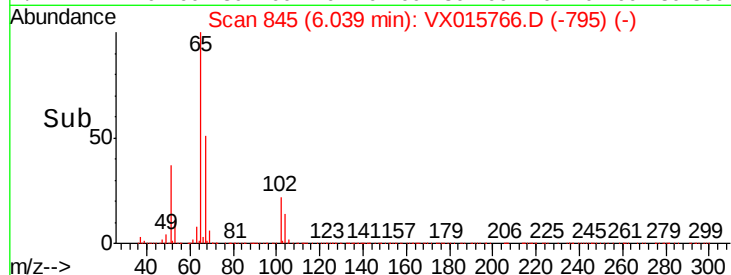
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015766.D

Acq: 20 Apr 2020 15:27

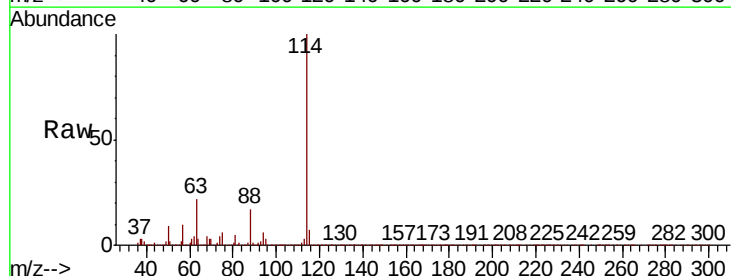
Tgt Ion: 114 Resp: 1656124

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.2

88 16.5 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

800000

600000

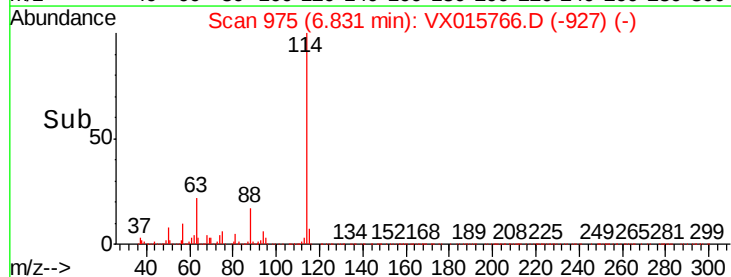
400000

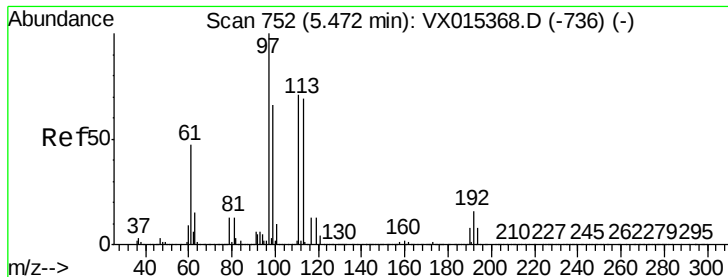
200000

0

Time-->

6.70 6.80 6.90 7.00

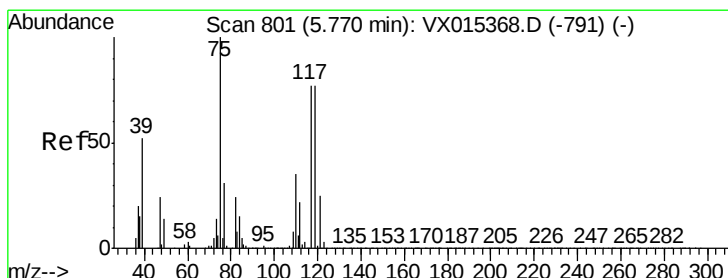
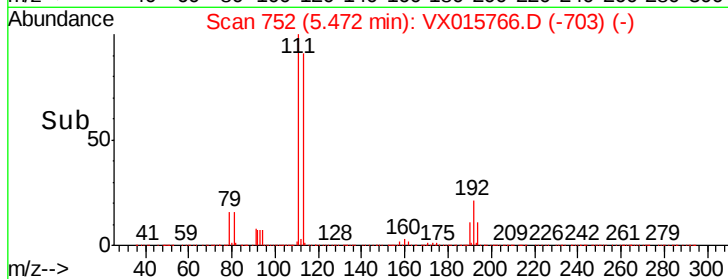
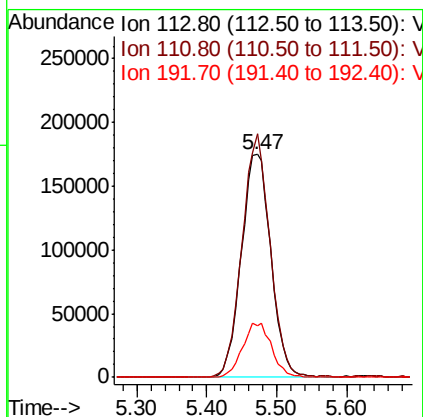
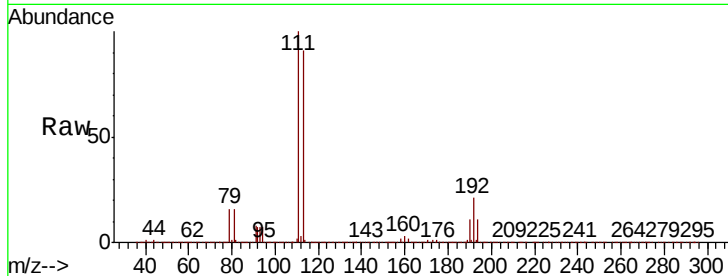




#35
 Dibromofluoromethane
 Concen: 48.674 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015766.D
 Acq: 20 Apr 2020 15:27

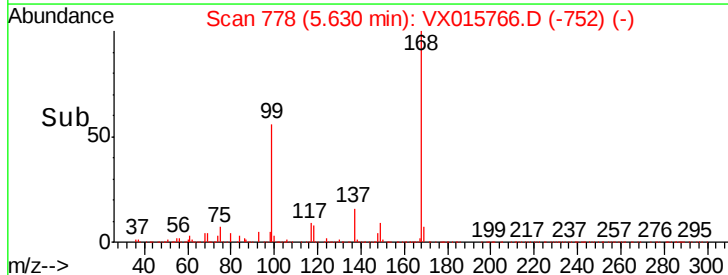
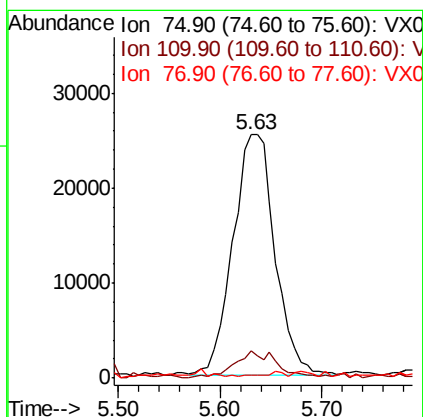
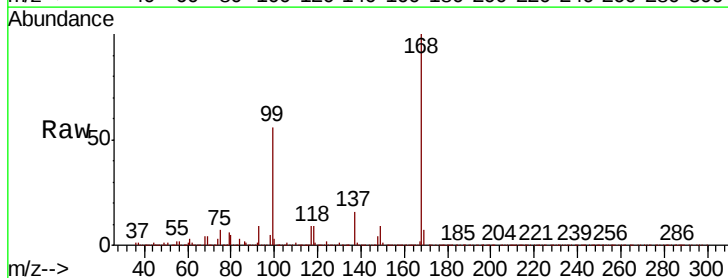
Instrument :
 MSVOA_X
 ClientSampleId :

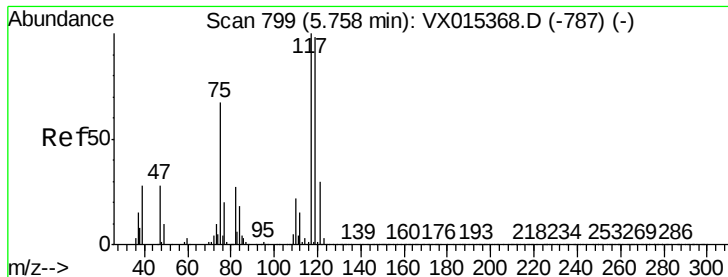
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.5	122.3
192	23.8	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 4.722 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.14 min
 Lab File: VX015766.D
 Acq: 20 Apr 2020 15:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.7	17.1	51.3#
77	0.0	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 5.852 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.12 min

Lab File: VX015766.D

Acq: 20 Apr 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

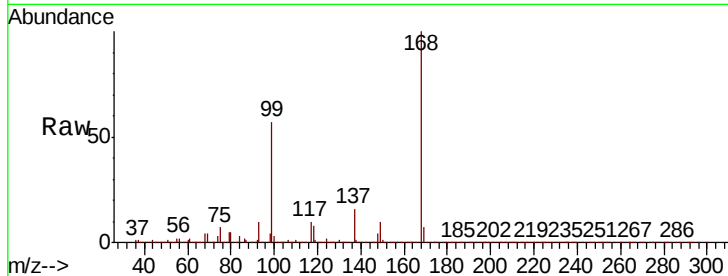
Tot Ion:117 Resp: 96721

Ion Ratio Lower Upper

117 100

119 5.8 78.0 117.0#

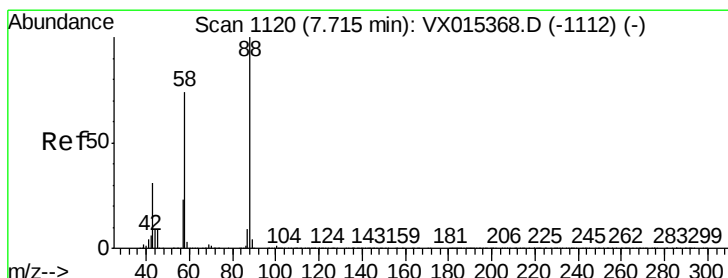
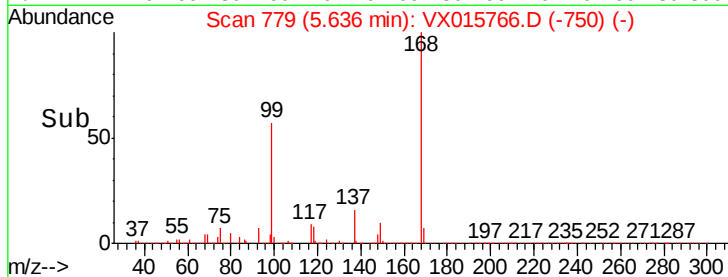
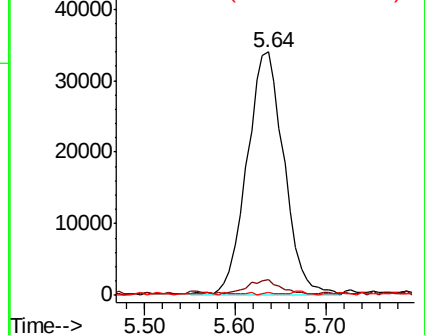
121 0.4 23.8 35.8#



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



#49

1,4-Dioxane

Concen: 1.657 ug/l

RT: 7.71 min Scan# 1119

Delta R.T. -0.01 min

Lab File: VX015766.D

Acq: 20 Apr 2020 15:27

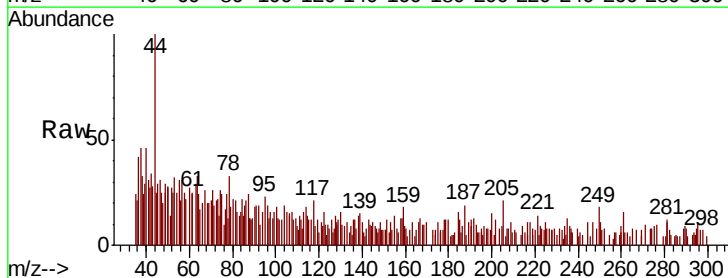
Tgt Ion: 88 Resp: 518

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

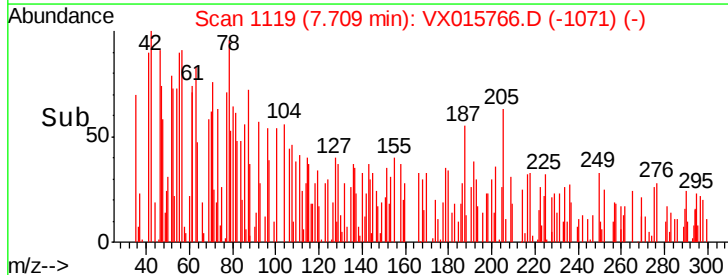
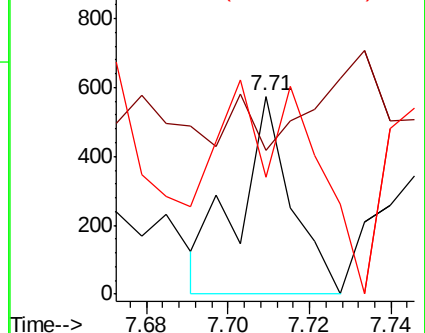
58 188.8 60.6 90.8#

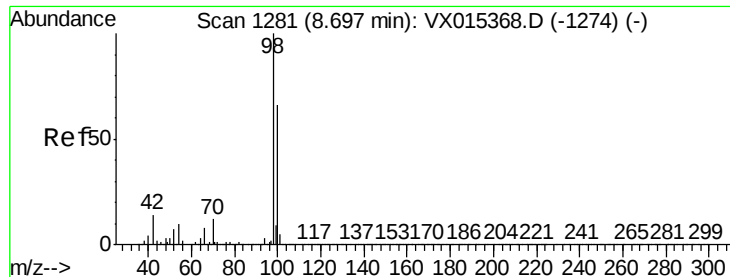


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

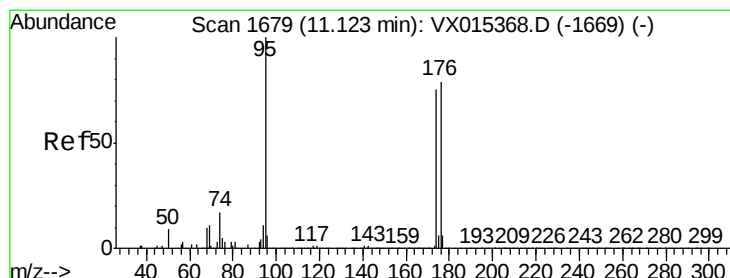
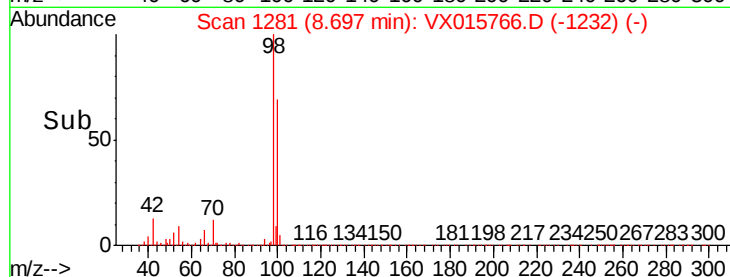
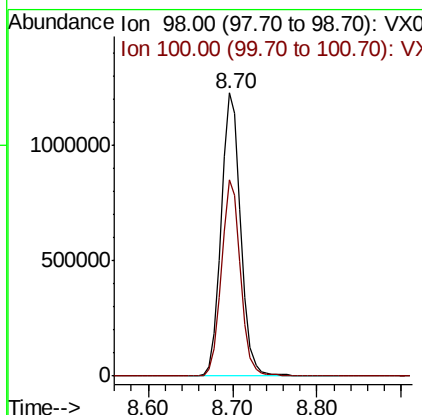
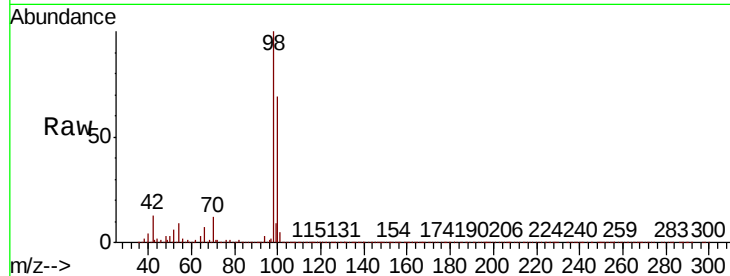




#50
Toluene-d8
Concen: 50.360 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015766.D
Acq: 20 Apr 2020 15:27

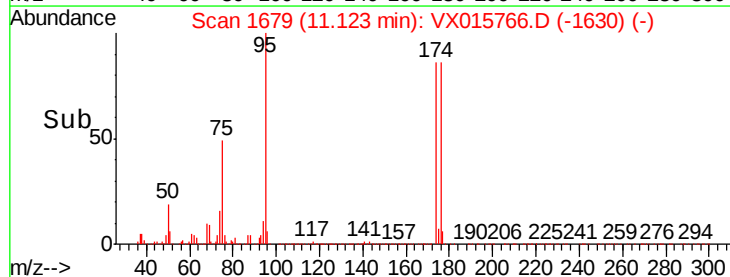
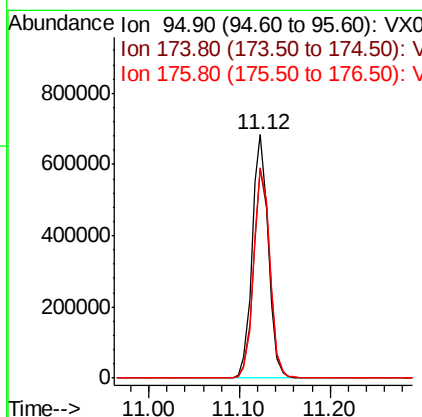
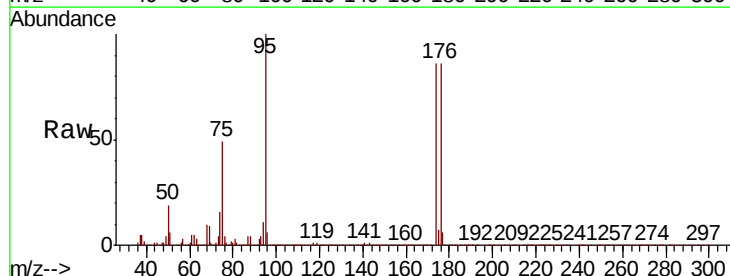
Instrument :
MSVOA_X
ClientSampled :

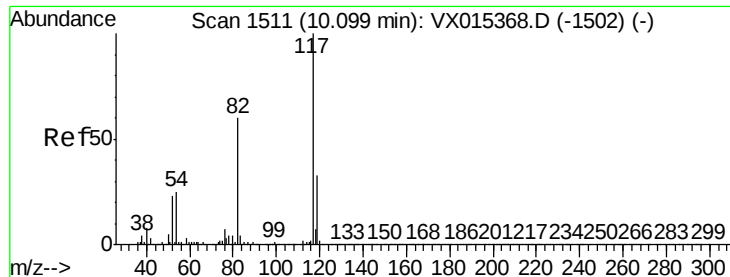
Tot Ion: 98 Resp: 1962834
Ion Ratio Lower Upper
98 100
100 67.9 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 53.127 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015766.D
Acq: 20 Apr 2020 15:27

Tgt Ion: 95 Resp: 841531
Ion Ratio Lower Upper
95 100
174 85.8 0.0 158.6
176 87.6 0.0 159.0

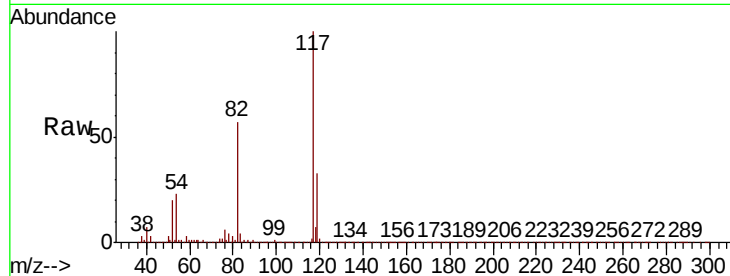




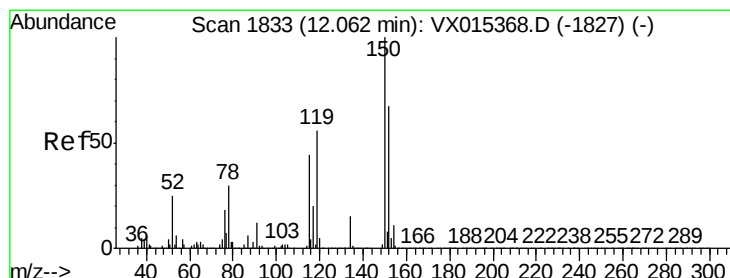
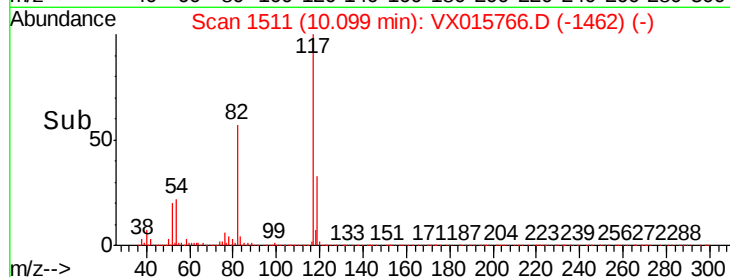
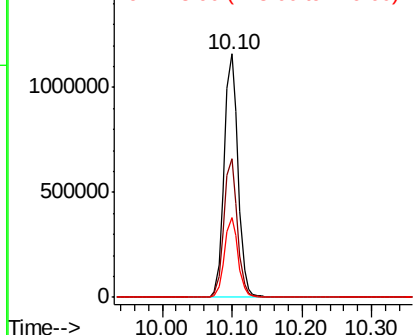
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015766.D
Acq: 20 Apr 2020 15:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 1595969
Ion Ratio Lower Upper
117 100
82 57.0 47.8 71.8
119 32.6 26.8 40.2

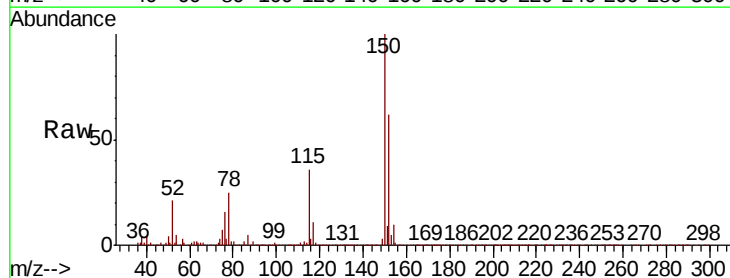


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

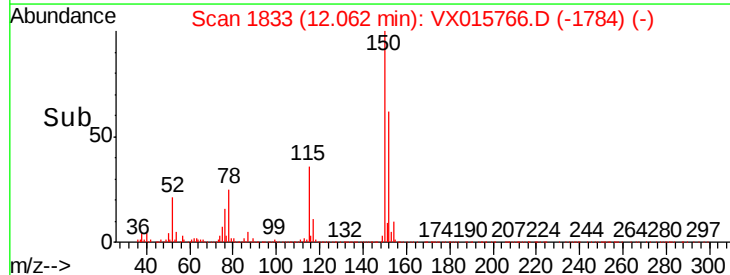
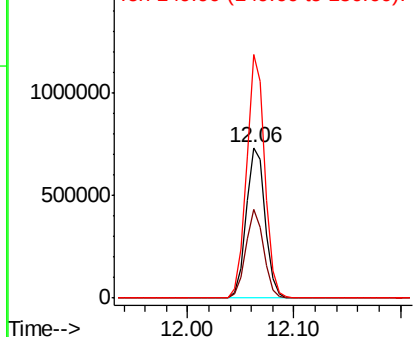


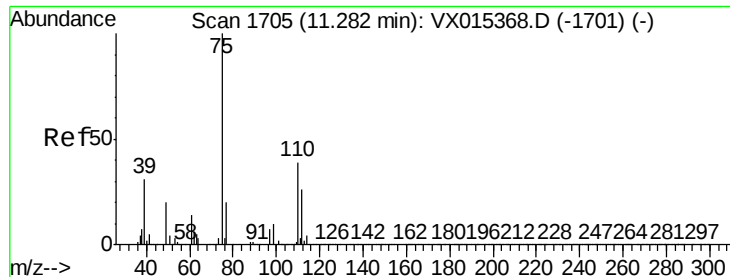
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015766.D
Acq: 20 Apr 2020 15:27

Tgt Ion:152 Resp: 909836
Ion Ratio Lower Upper
152 100
115 56.6 39.0 116.9
150 155.3 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: 22.204 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015766.D

Acq: 20 Apr 2020 15:27

Instrument :

MSVOA_X

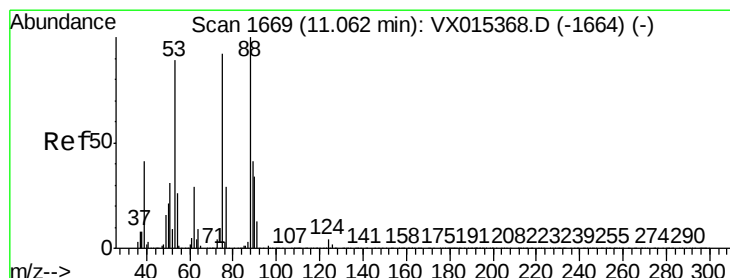
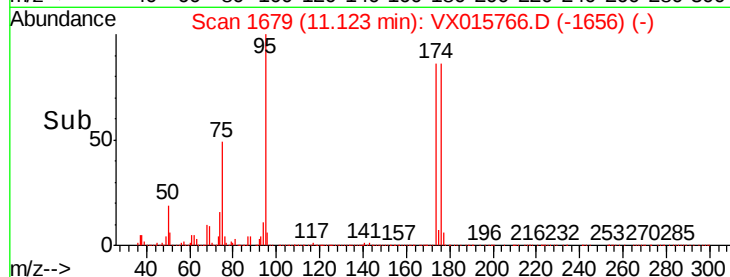
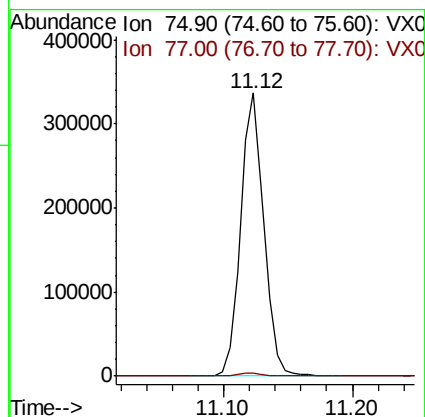
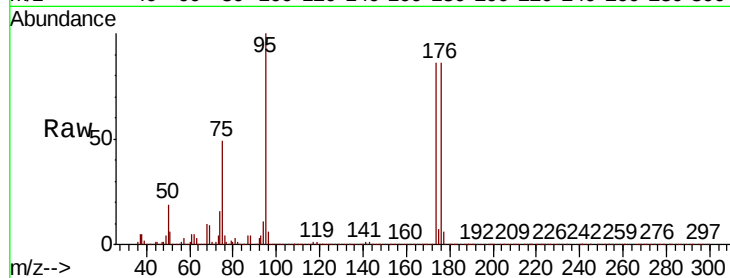
ClientSampleId :

Tot Ion: 75 Resp: 415434

Ion Ratio Lower Upper

75 100

77 1.4 21.2 63.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 53.277 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015766.D

Acq: 20 Apr 2020 15:27

Tgt Ion: 75 Resp: 415434

Ion Ratio Lower Upper

75 100

53 0.0 80.1 120.1#

89 0.0 36.1 54.1#

