

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX033020\
 Data File : VX015430.D
 Acq On : 30 Mar 2020 16:05
 Operator : JC/SP
 Sample : L2022-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Mar 31 09:05:42 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	1158379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1864954	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1796202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	934663	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	774615	47.41	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	94.82%	
35) Dibromofluoromethane	5.47	113	592116	49.67	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	99.34%	
50) Toluene-d8	8.70	98	2262425	51.55	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	103.10%	
62) 4-Bromofluorobenzene	11.12	95	978855	54.88	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	109.76%	

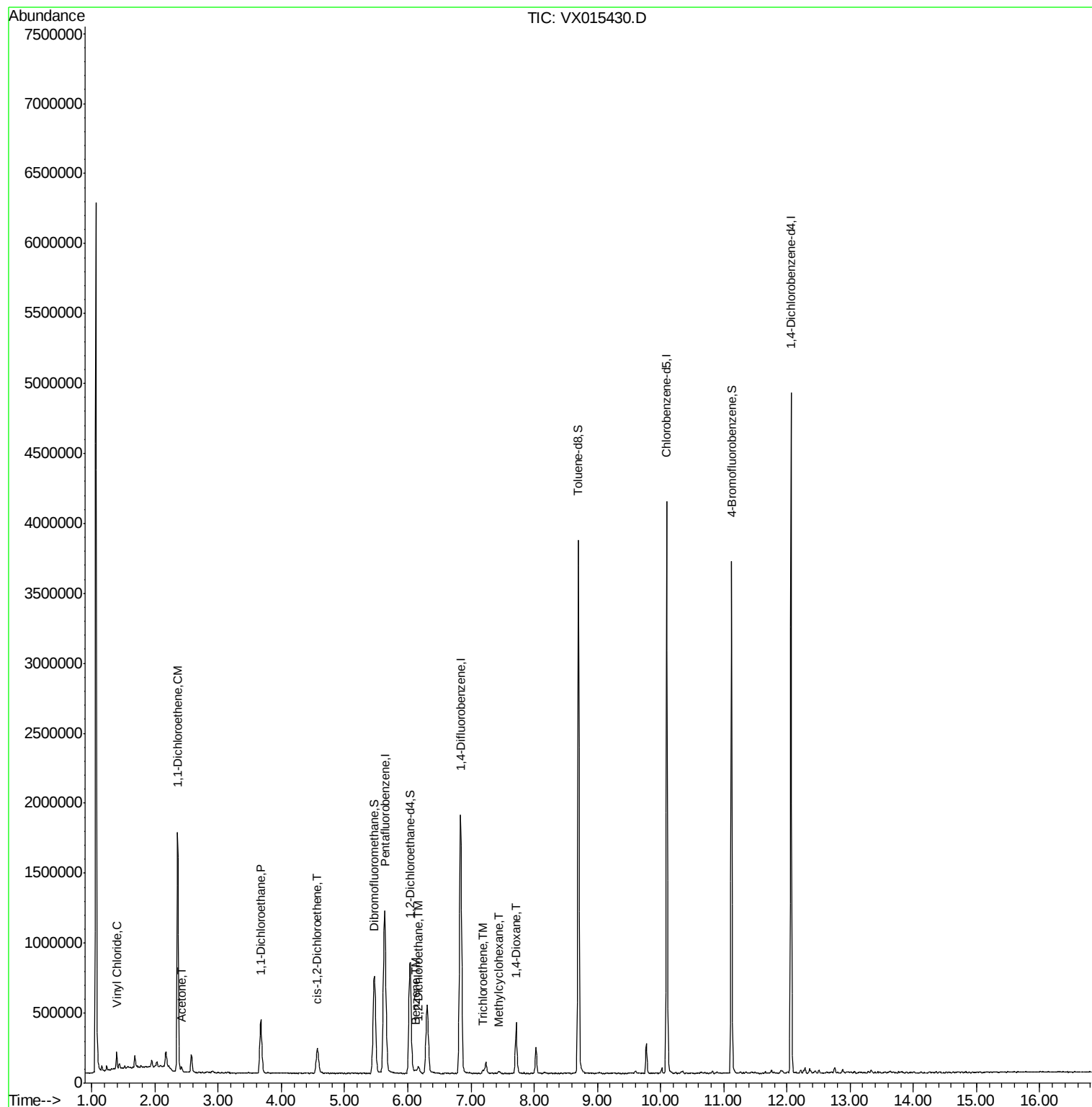
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.39	62	66088	5.538	ug/l	97
12) 1,1-Dichloroethene	2.36	96	534557	48.879	ug/l	92
16) Acetone	2.42	43	41132	5.860	ug/l	97
24) 1,1-Dichloroethane	3.67	63	444609	18.649	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	115132	8.199	ug/l	88
39) Methylcyclohexane	7.45	83	5774	0.291	ug/l	88
40) Benzene	6.12	78	29379	0.584	ug/l	95
42) 1,2-Dichloroethane	6.16	62	57147	2.826	ug/l	99
44) Trichloroethene	7.19	130	9981	0.727	ug/l	89
49) 1,4-Dioxane	7.72	88	253901	721.438	ug/l	95

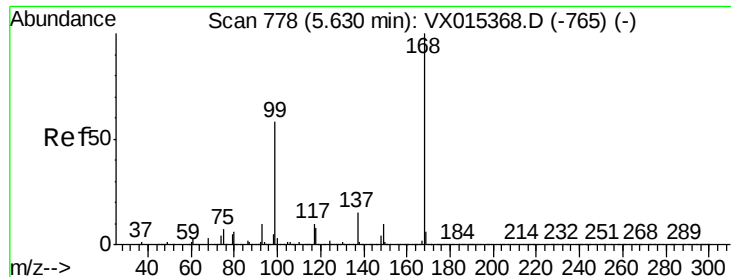
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX033020\
Data File : VX015430.D
Acq On : 30 Mar 2020 16:05
Operator : JC/SP
Sample : L2022-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Quant Time: Mar 31 09:05:42 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: VX015430.D

Acq: 30 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampled :

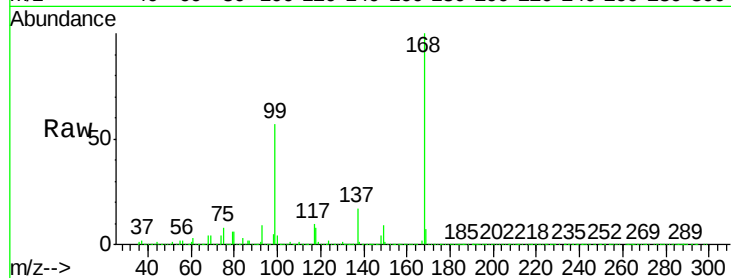
MW-2

Tot Ion:168 Resp: 1158379

Ion Ratio Lower Upper

168 100

99 57.2 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

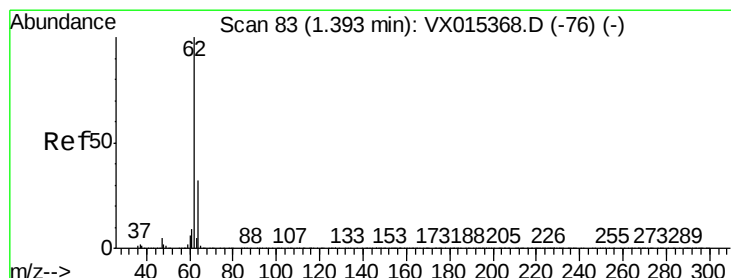
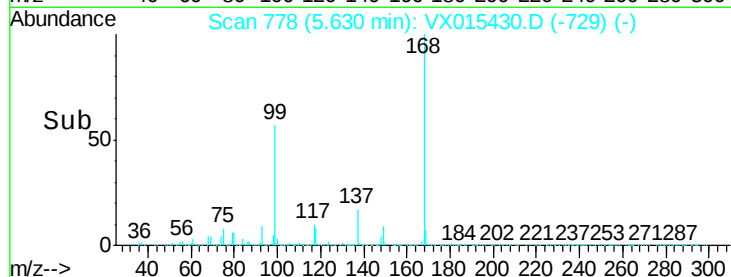
0

Time-->

5.40

5.60

5.80



#4

Vinyl Chloride

Concen: 5.538 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015430.D

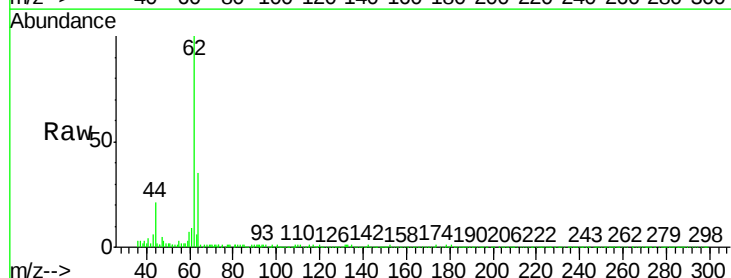
Acq: 30 Mar 2020 16:05

Tgt Ion: 62 Resp: 66088

Ion Ratio Lower Upper

62 100

64 33.9 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

80000

60000

40000

20000

0

Time-->

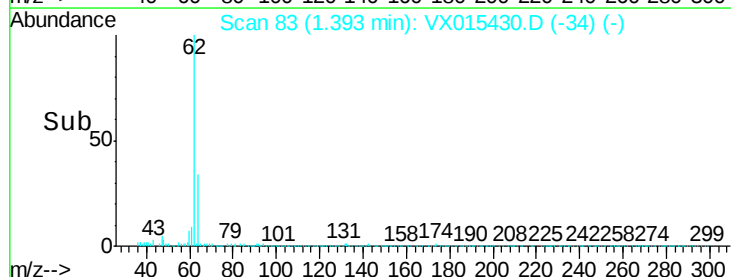
1.30

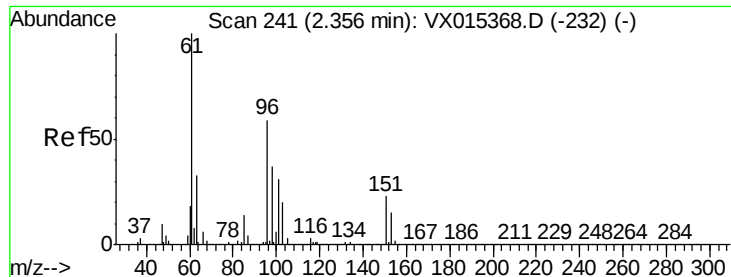
1.35

1.40

1.45

1.50

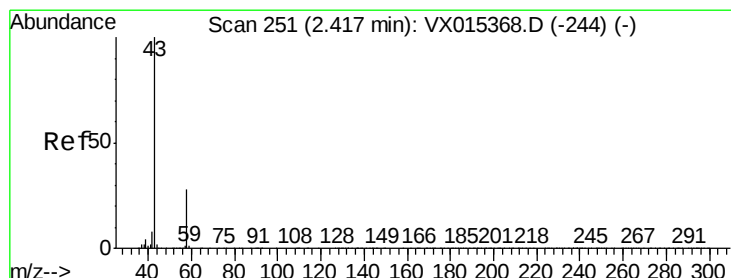
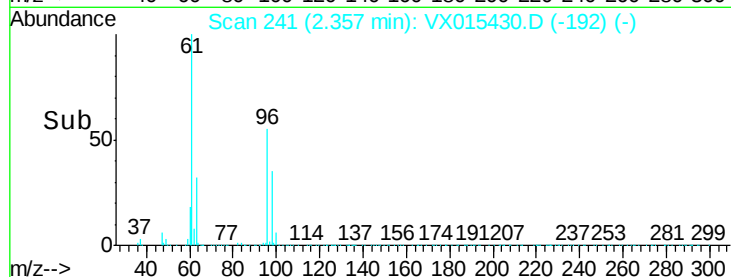
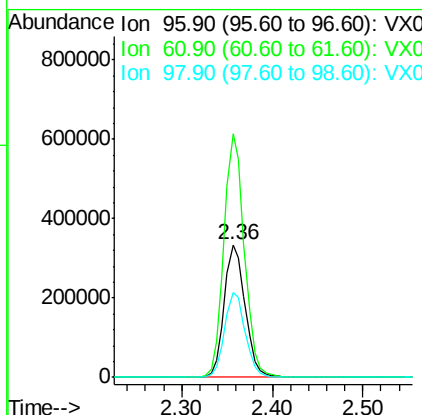
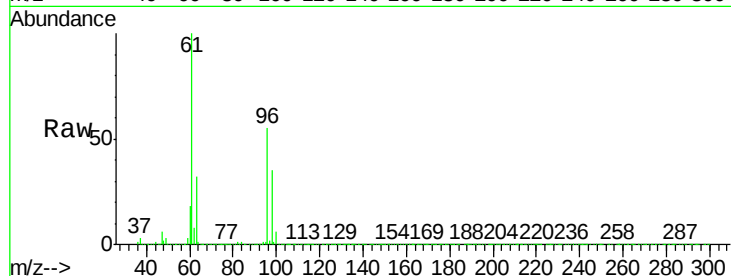




#12
 1,1-Dichloroethene
 Concen: 48.879 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. 0.00 min
 Lab File: VX015430.D
 Acq: 30 Mar 2020 16:05

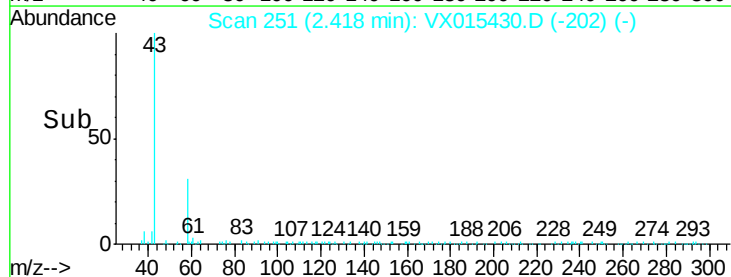
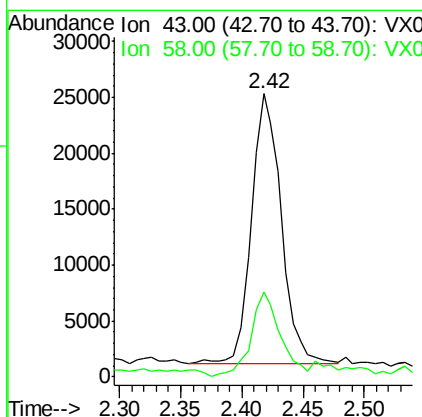
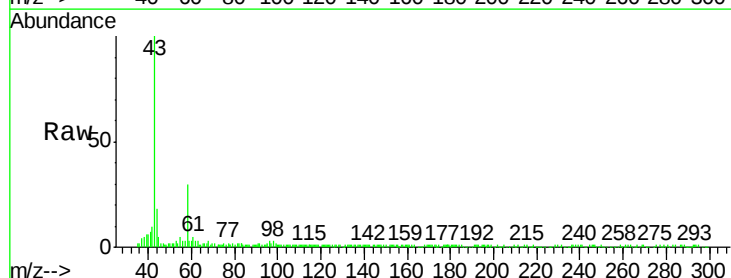
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

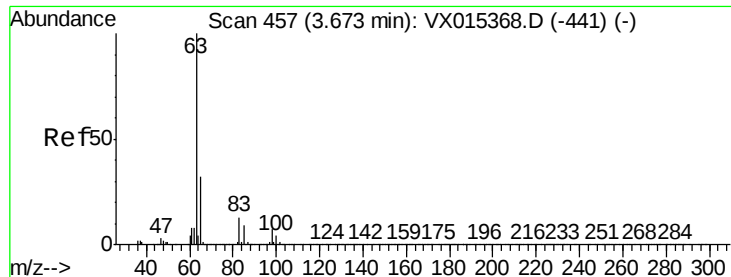
Tot Ion	Ratio	Lower	Upper
96	100		
61	183.2	135.7	203.5
98	64.1	50.6	75.8



#16
 Acetone
 Concen: 5.860 ug/l
 RT: 2.42 min Scan# 251
 Delta R.T. 0.00 min
 Lab File: VX015430.D
 Acq: 30 Mar 2020 16:05

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.1	22.1	33.1





#24

1,1-Dichloroethane

Concen: 18.649 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015430.D

Acq: 30 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

MW-2

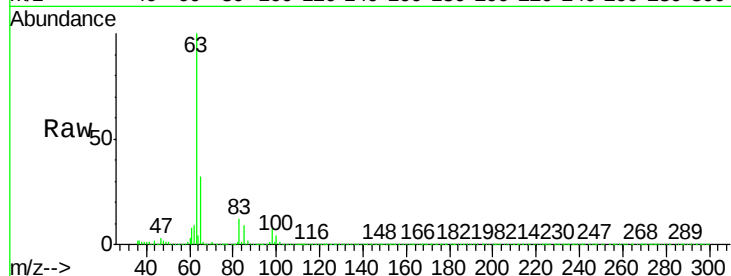
Tot Ion: 63 Resp: 444609

Ion Ratio Lower Upper

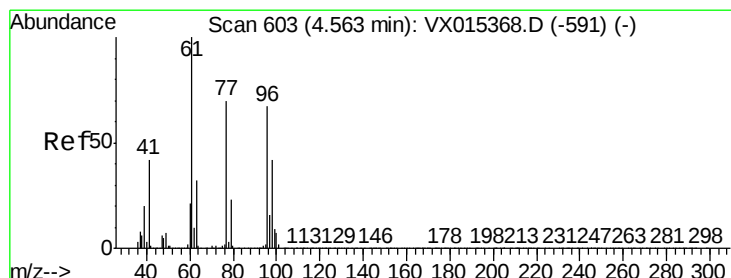
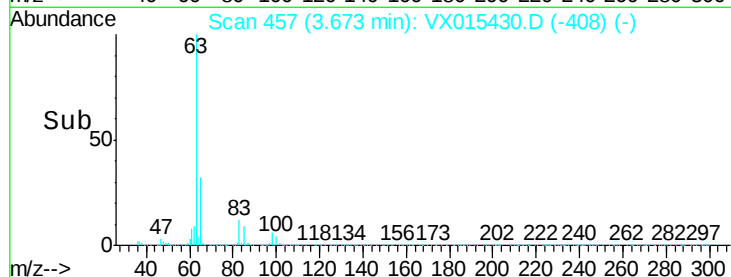
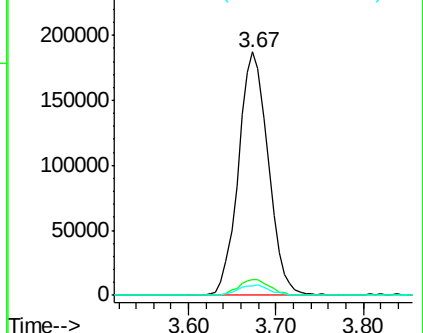
63 100

98 6.5 3.3 9.8

100 4.0 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 8.199 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX015430.D

Acq: 30 Mar 2020 16:05

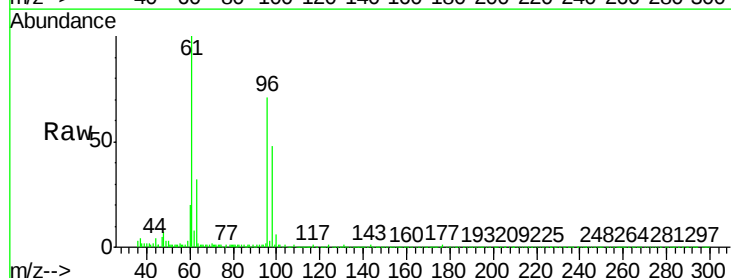
Tgt Ion: 96 Resp: 115132

Ion Ratio Lower Upper

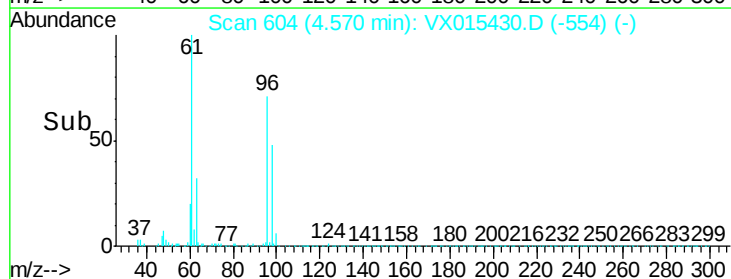
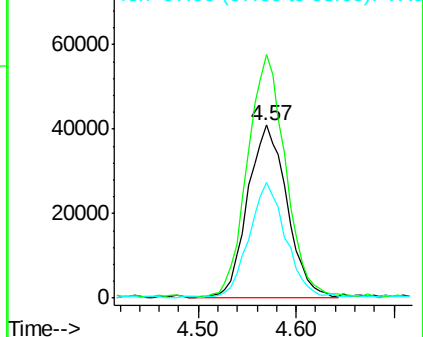
96 100

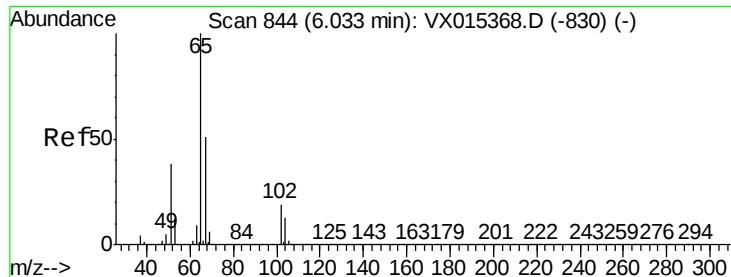
61 133.8 0.0 308.4

98 62.2 0.0 129.2



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: 47.413 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015430.D

Acq: 30 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

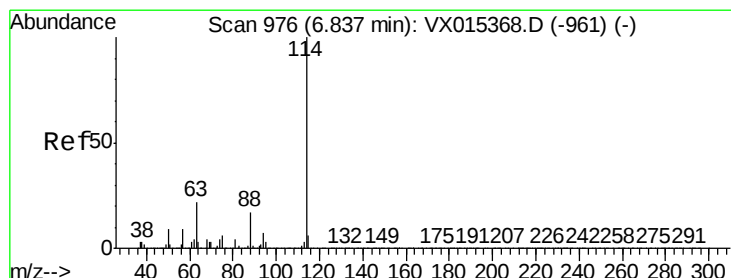
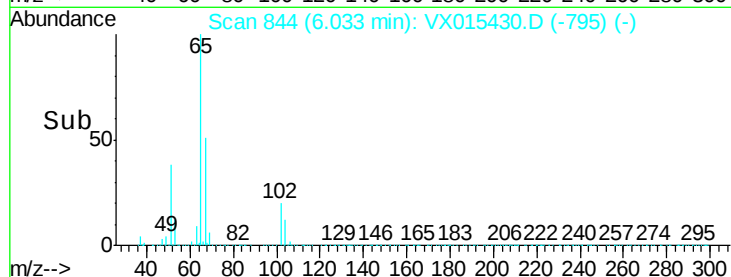
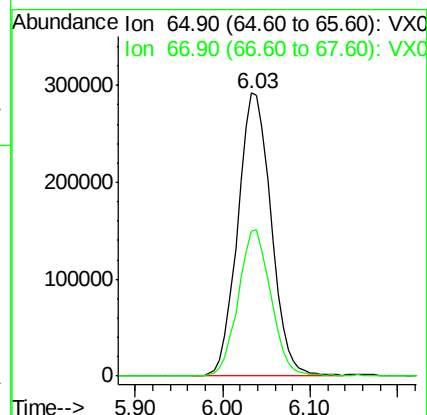
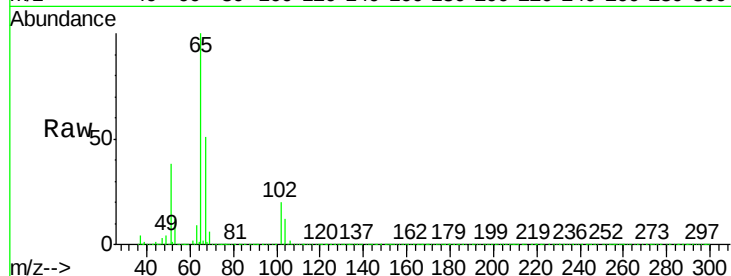
MW-2

Tot Ion: 65 Resp: 774615

Ion Ratio Lower Upper

65 100

67 50.5 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: VX015430.D

Acq: 30 Mar 2020 16:05

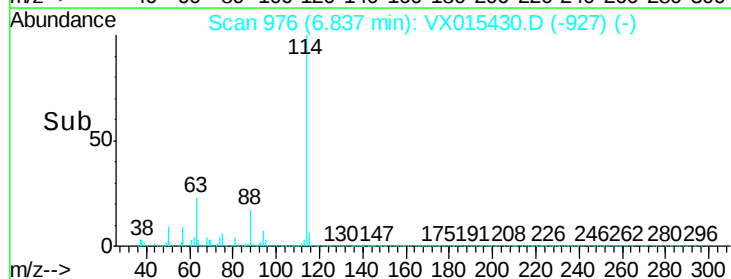
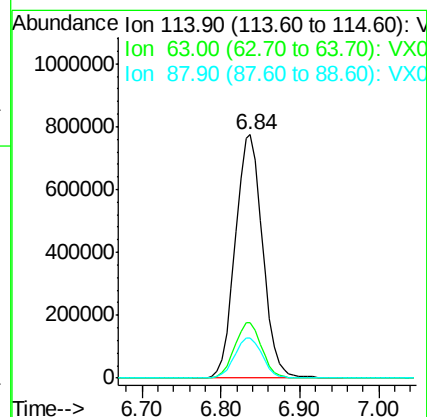
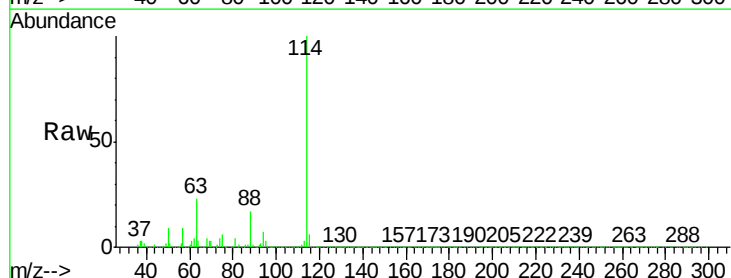
Tgt Ion: 114 Resp: 1864954

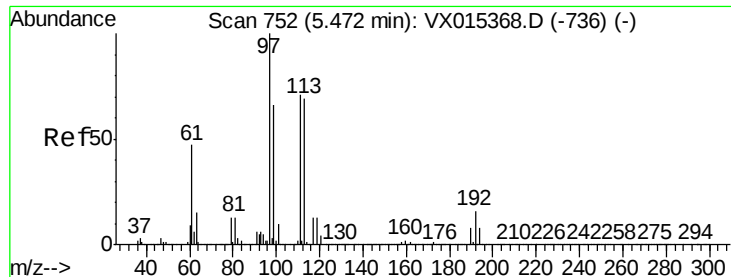
Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.2

88 16.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.669 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015430.D

Acq: 30 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampled :

MW-2

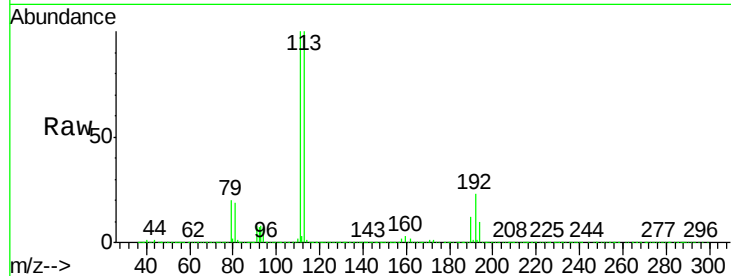
Tot Ion:113 Resp: 592116

Ion Ratio Lower Upper

113 100

111 102.8 81.5 122.3

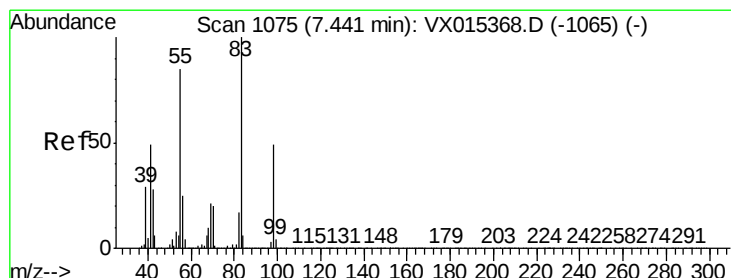
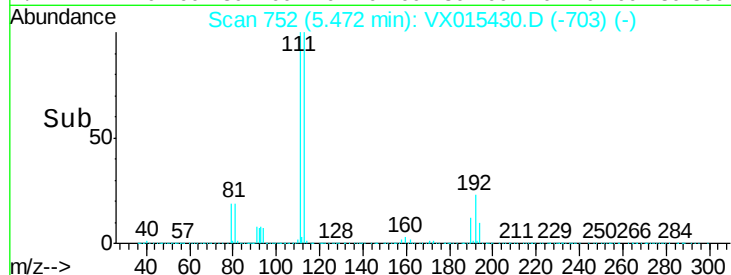
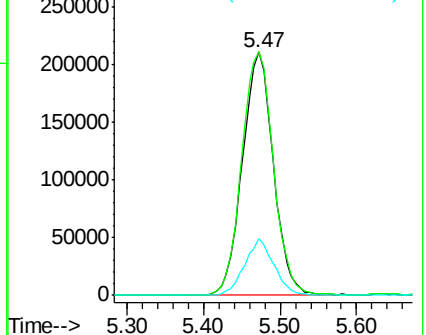
192 22.1 17.8 26.6



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



#39

Methylcyclohexane

Concen: 0.291 ug/l

RT: 7.45 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VX015430.D

Acq: 30 Mar 2020 16:05

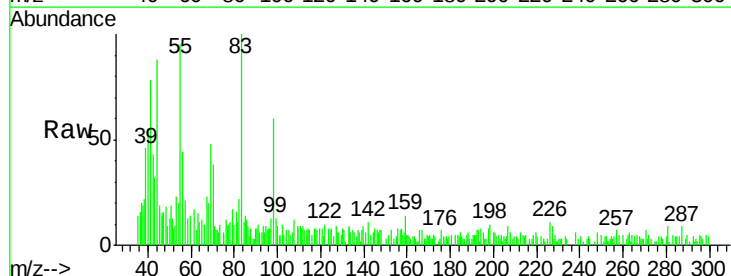
Tgt Ion: 83 Resp: 5774

Ion Ratio Lower Upper

83 100

55 70.3 67.8 101.6

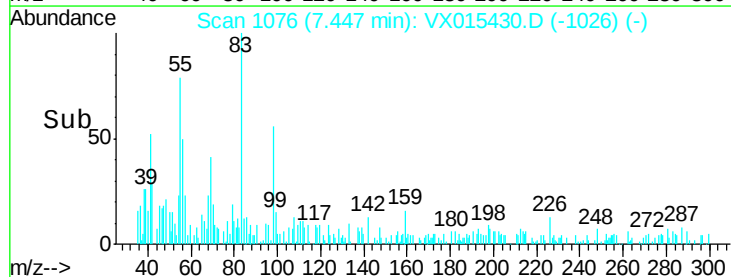
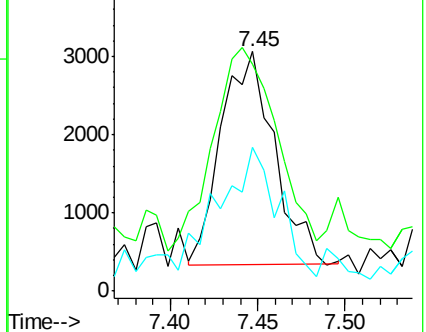
98 53.0 39.3 58.9

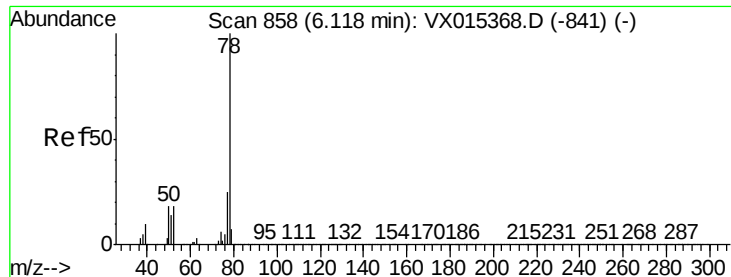


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.584 ug/l

RT: 6.12 min Scan# 858

Delta R.T. 0.00 min

Lab File: VX015430.D

Acq: 30 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

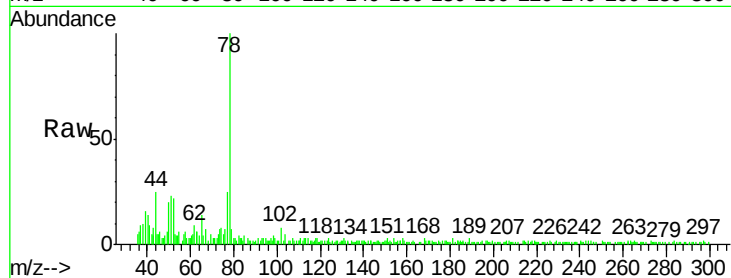
MW-2

Tot Ion: 78 Resp: 29379

Ion Ratio Lower Upper

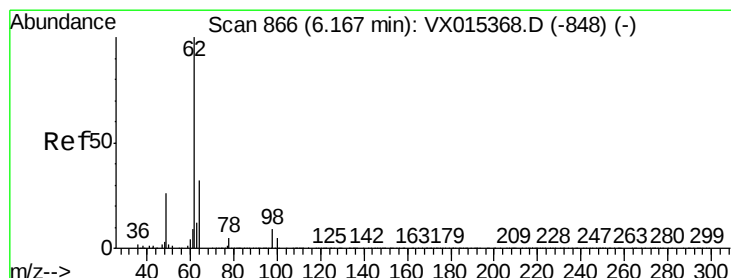
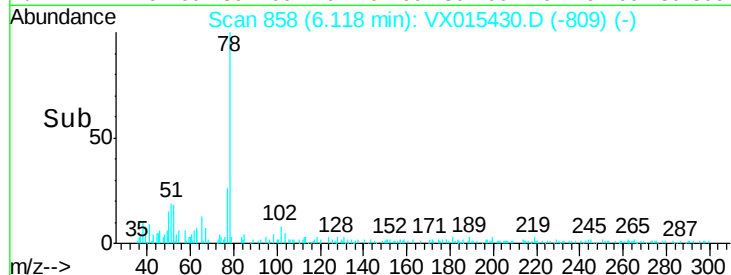
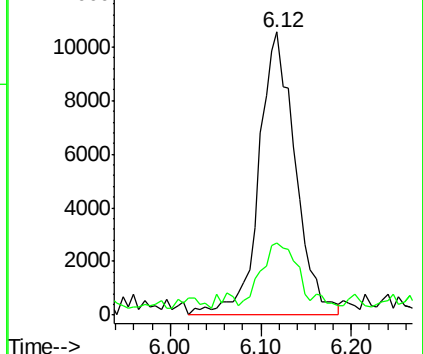
78 100

77 22.3 19.8 29.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 2.826 ug/l

RT: 6.16 min Scan# 865

Delta R.T. -0.01 min

Lab File: VX015430.D

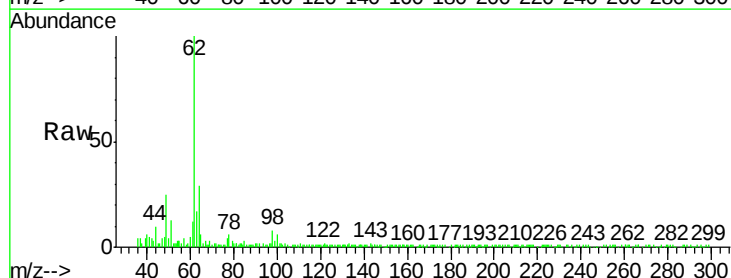
Acq: 30 Mar 2020 16:05

Tgt Ion: 62 Resp: 57147

Ion Ratio Lower Upper

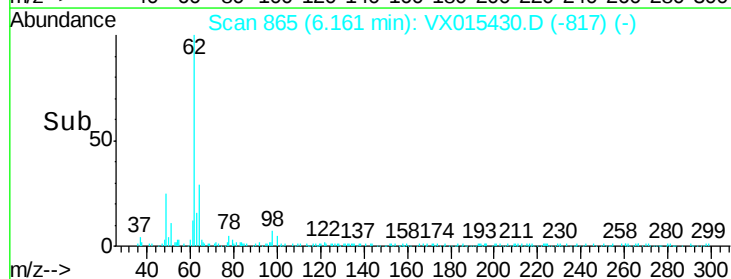
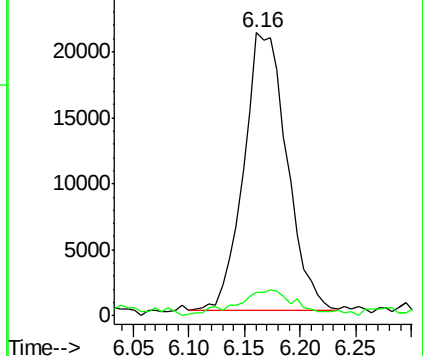
62 100

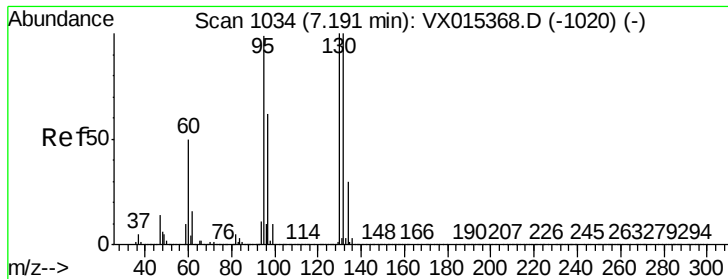
98 9.0 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 0.727 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015430.D

Acq: 30 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

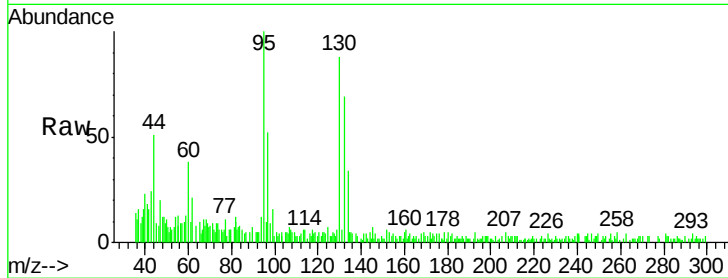
MW-2

Tot Ion:130 Resp: 9981

Ion Ratio Lower Upper

130 100

95 110.1 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

6000

5000

4000

3000

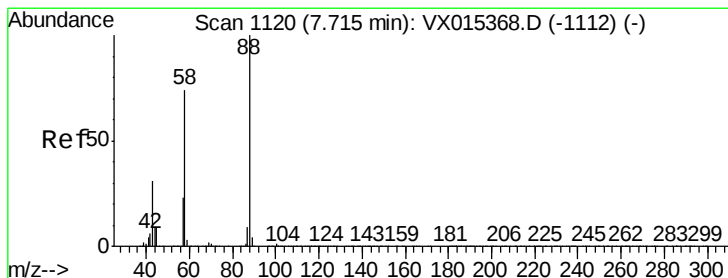
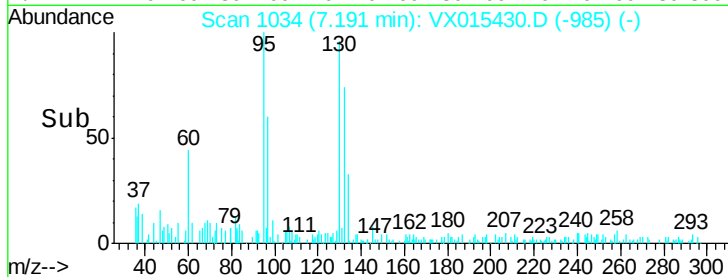
2000

1000

0

7.10 7.15 7.20 7.25

Time-->



#49

1,4-Dioxane

Concen: 721.438 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015430.D

Acq: 30 Mar 2020 16:05

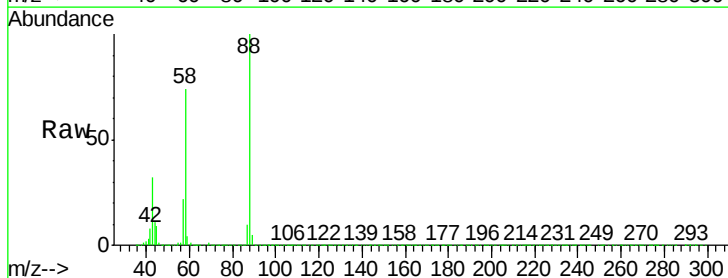
Tgt Ion: 88 Resp: 253901

Ion Ratio Lower Upper

88 100

43 31.8 30.1 45.1

58 73.8 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

150000

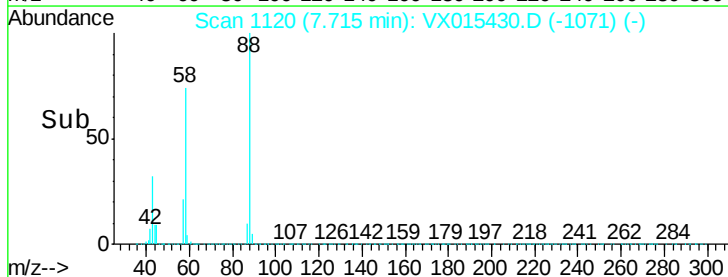
100000

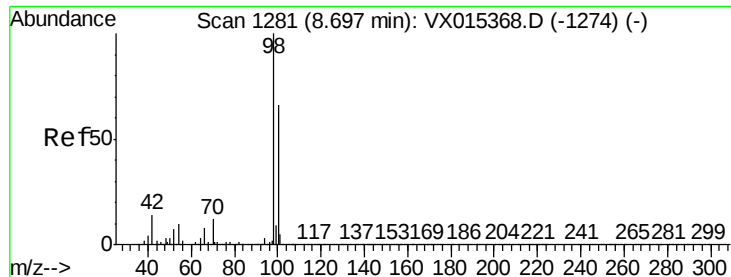
50000

0

7.60 7.70 7.80

Time-->





#50

Toluene-d8

Concen: 51.546 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015430.D

Acq: 30 Mar 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

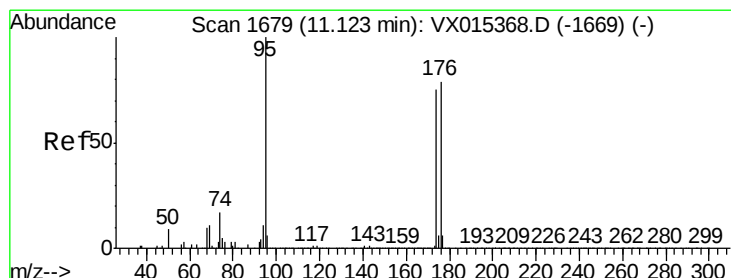
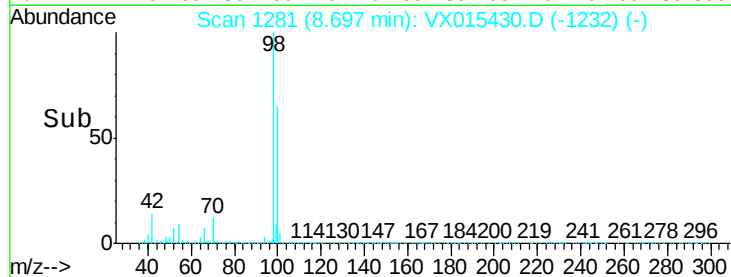
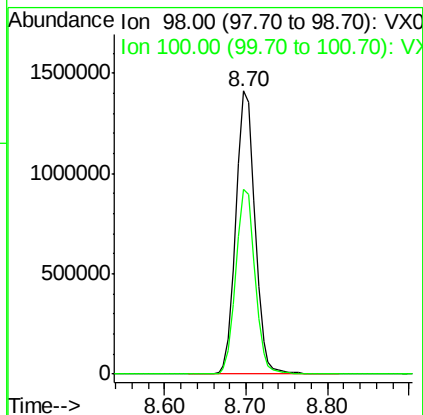
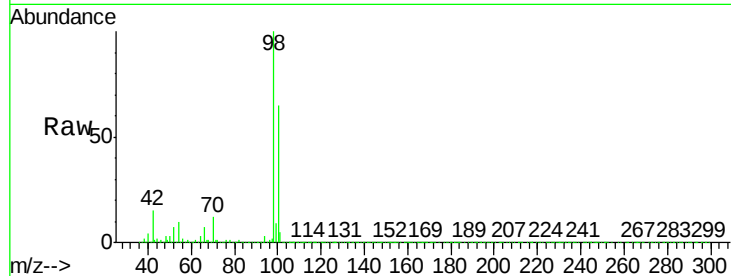
MW-2

Tot Ion: 98 Resp: 2262425

Ion Ratio Lower Upper

98 100

100 65.4 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 54.877 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015430.D

Acq: 30 Mar 2020 16:05

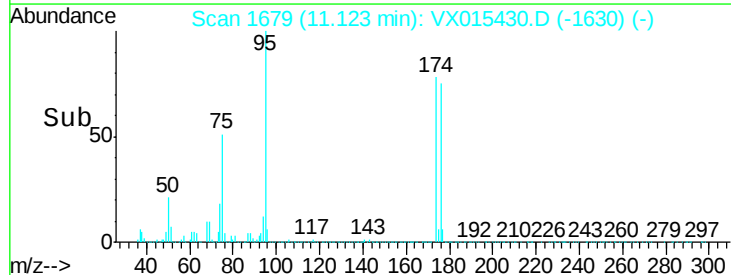
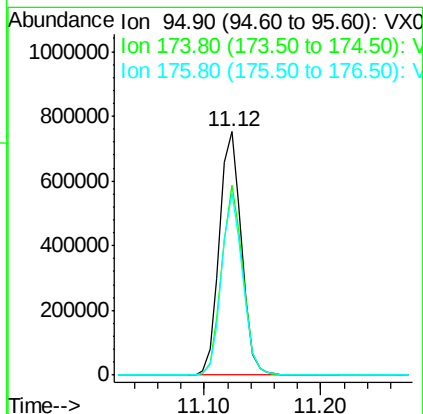
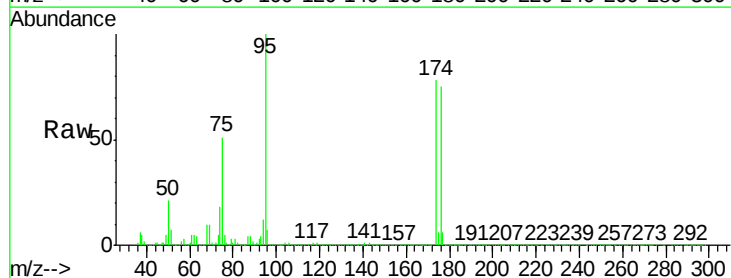
Tgt Ion: 95 Resp: 978855

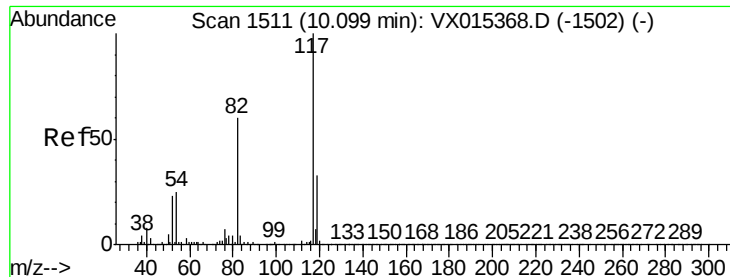
Ion Ratio Lower Upper

95 100

174 75.4 0.0 158.6

176 71.9 0.0 159.0

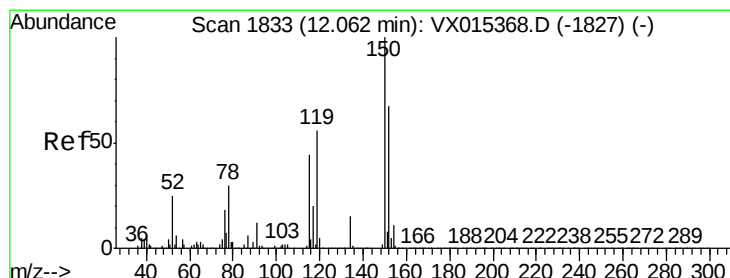
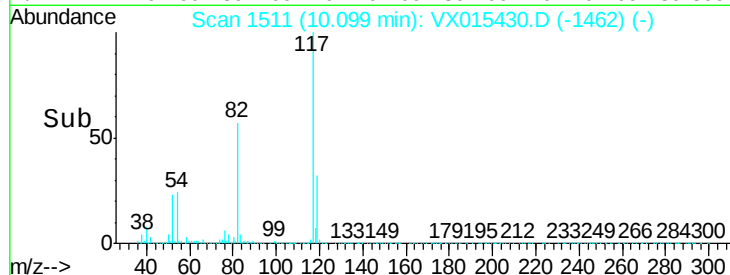
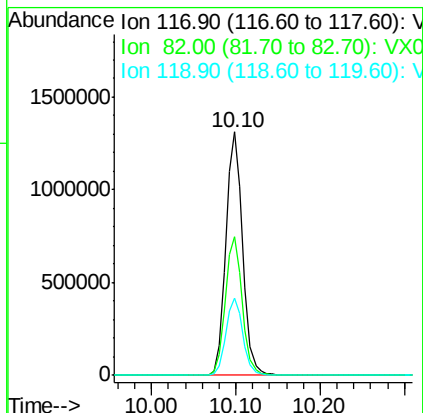
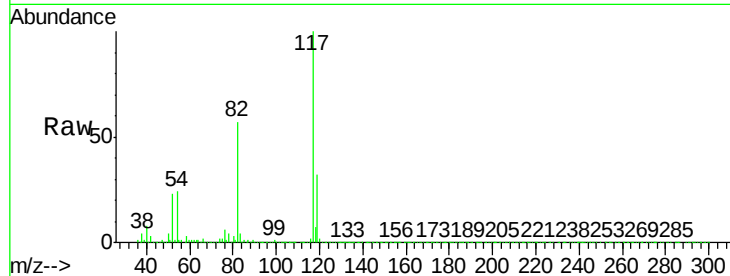




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015430.D
Acq: 30 Mar 2020 16:05

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tot Ion:117 Resp: 1796202
Ion Ratio Lower Upper
117 100
82 56.9 47.8 71.8
119 31.5 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015430.D
Acq: 30 Mar 2020 16:05

Tgt Ion:152 Resp: 934663
Ion Ratio Lower Upper
152 100
115 60.3 39.0 116.9
150 158.9 0.0 340.8

