

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003635.D
 Acq On : 24 Jul 2018 06:16
 Operator : JC/SP
 Sample : J4073-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D2-071718

Quant Time: Jul 24 09:17:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	360161	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190003	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	143047	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
35) Dibromofluoromethane	5.51	113	137724	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
50) Toluene-d8	8.72	98	505547	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	11.14	95	171494	45.58	ug/l	0.00
Spiked Amount			Recovery	=	91.16%	

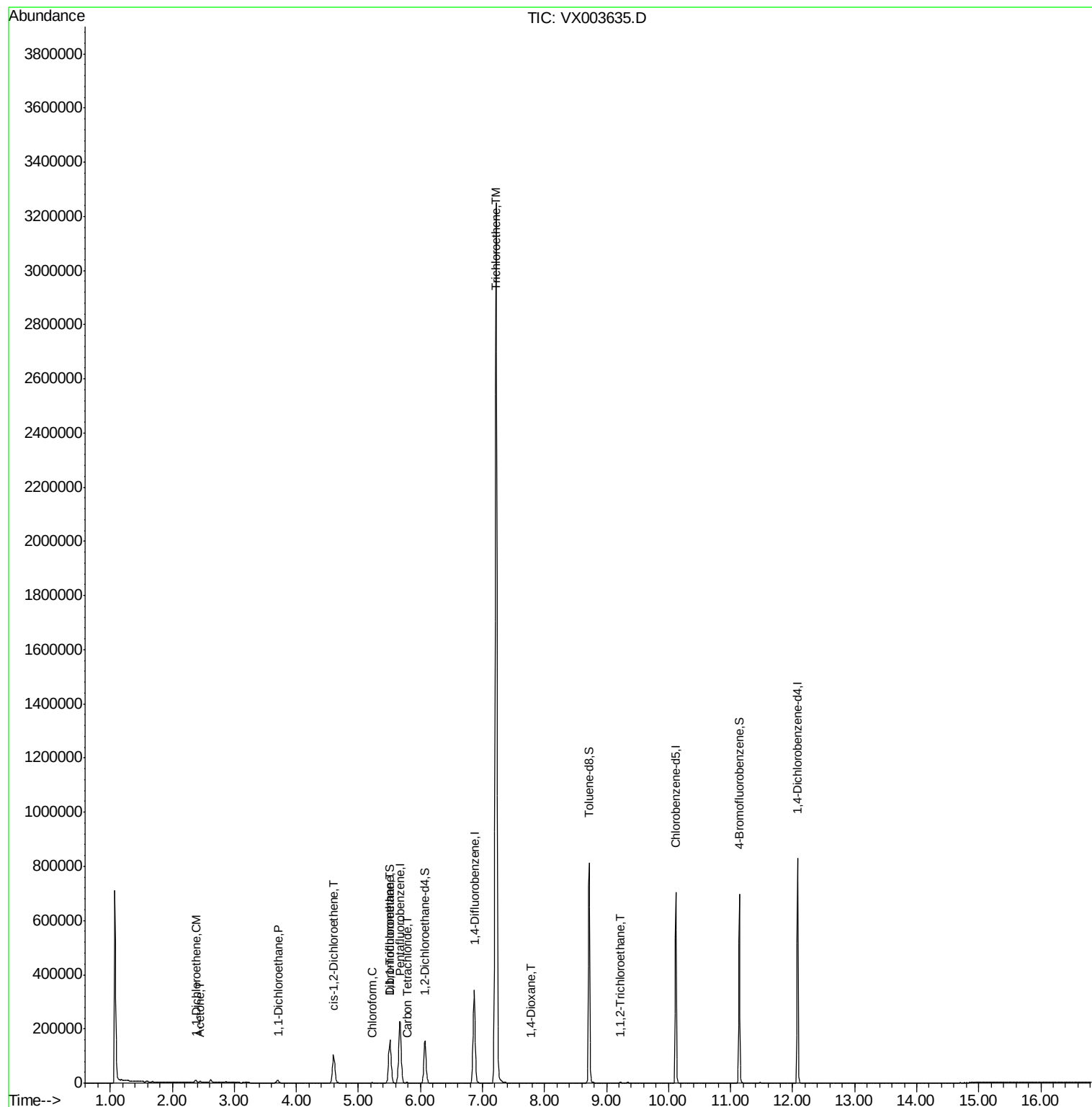
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.37	96	2090	0.81	ug/l	96
16) Acetone	2.45	43	4963	4.42	ug/l	97
24) 1,1-Dichloroethane	3.70	63	10753	2.15	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	69171	21.77	ug/l	87
30) Chloroform	5.22	83	2179	0.45	ug/l	85
32) 1,1,1-Trichloroethane	5.50	97	1845	0.44	ug/l #	46
38) Carbon Tetrachloride	5.79	117	1608	0.42	ug/l	94
44) Trichloroethene	7.22	130	1379079	393.88	ug/l	96
49) 1,4-Dioxane	7.77	88	918	13.73	ug/l	92
55) 1,1,2-Trichloroethane	9.22	97	1197	0.41	ug/l	94

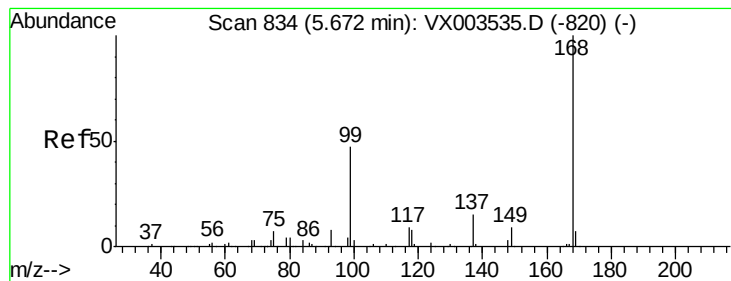
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072318\
Data File : VX003635.D
Acq On : 24 Jul 2018 06:16
Operator : JC/SP
Sample : J4073-15
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-071718

Quant Time: Jul 24 09:17:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003635.D

Acq: 24 Jul 2018 06:16

Instrument :

MSVOA_X

ClientSampleId :

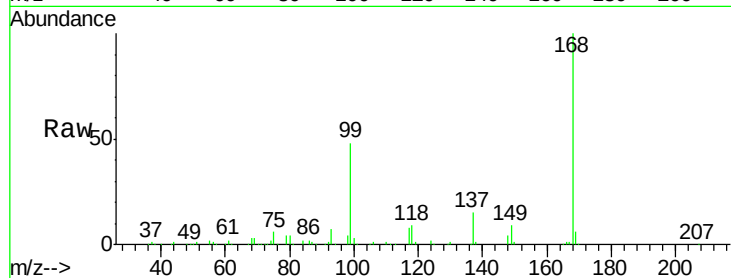
RE126D2-071718

Tot Ion:168 Resp: 251095

Ion Ratio Lower Upper

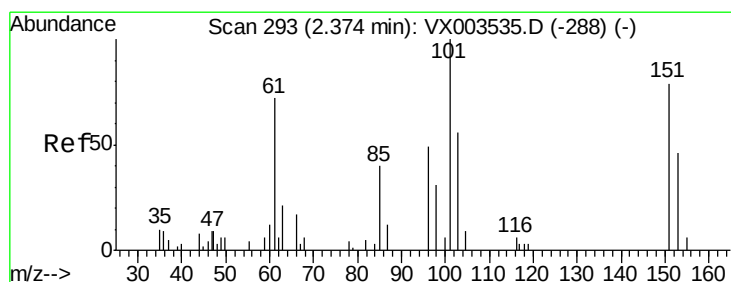
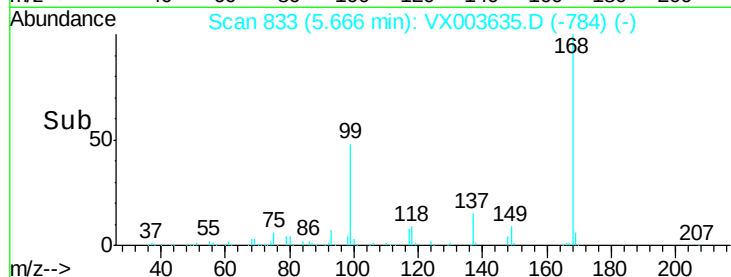
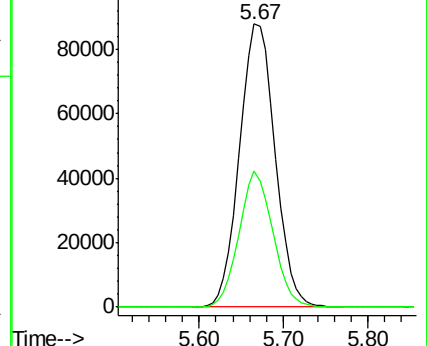
168 100

99 47.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#12

1,1-Dichloroethene

Concen: 0.81 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX003635.D

Acq: 24 Jul 2018 06:16

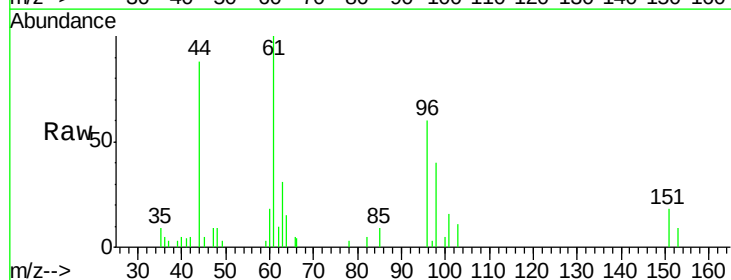
Tgt Ion: 96 Resp: 2090

Ion Ratio Lower Upper

96 100

61 167.3 137.9 206.9

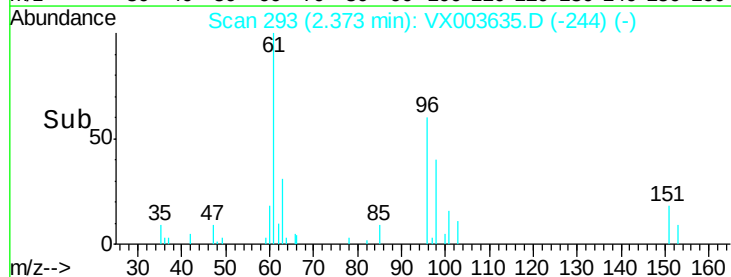
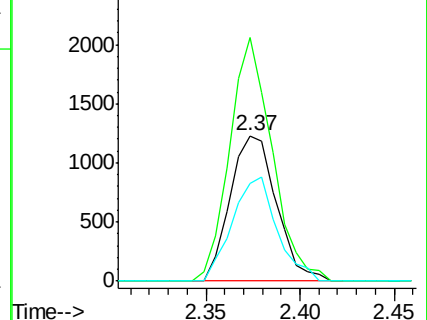
98 67.3 51.6 77.4

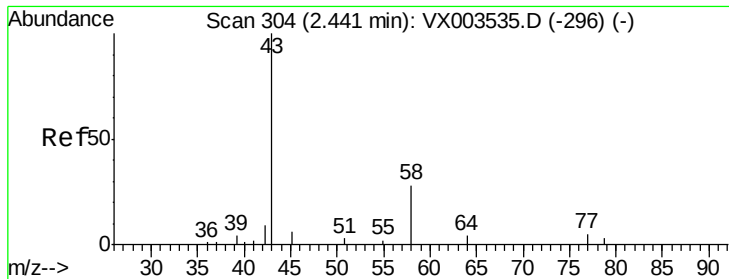


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 4.42 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003635.D

Acq: 24 Jul 2018 06:16

Instrument :

MSVOA_X

ClientSampleId :

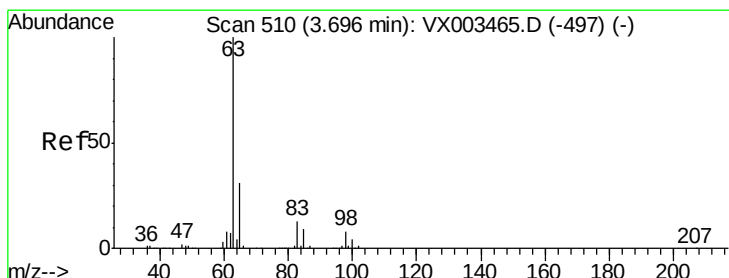
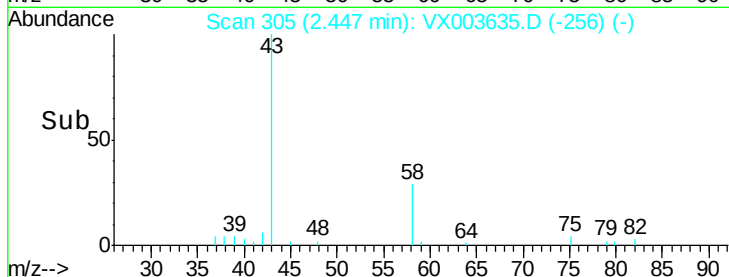
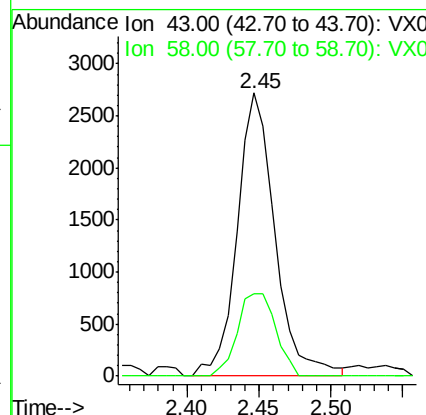
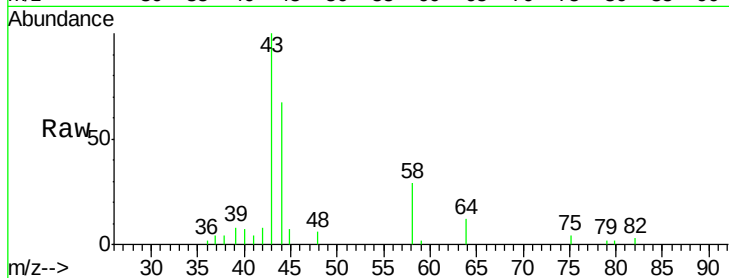
RE126D2-071718

Tot Ion: 43 Resp: 4963

Ion Ratio Lower Upper

43 100

58 29.3 22.1 33.1



#24

1,1-Dichloroethane

Concen: 2.15 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003635.D

Acq: 24 Jul 2018 06:16

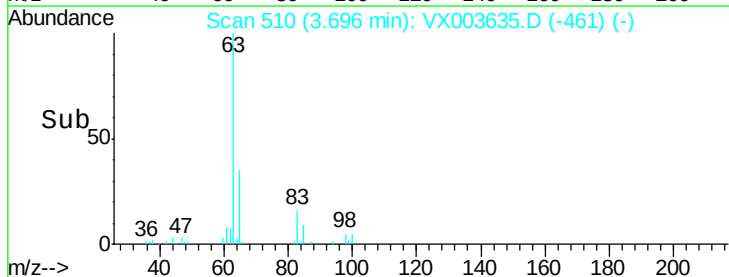
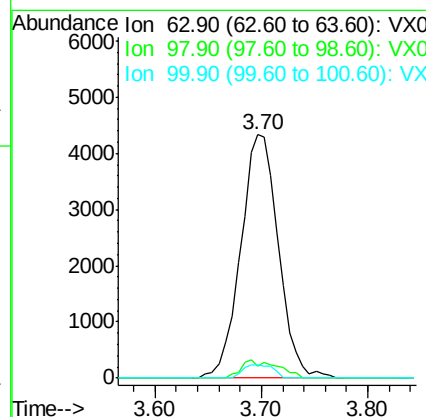
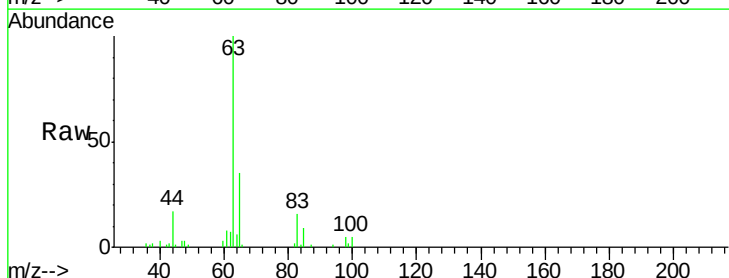
Tgt Ion: 63 Resp: 10753

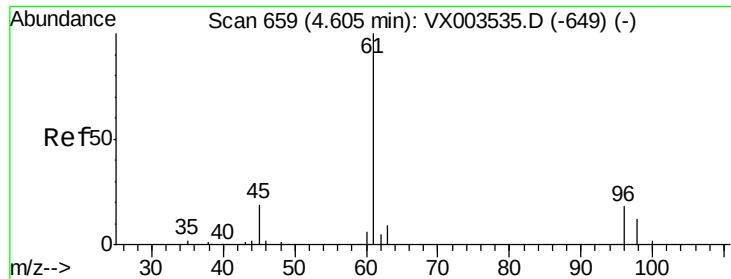
Ion Ratio Lower Upper

63 100

98 4.8 3.4 10.2

100 5.4 2.0 6.0



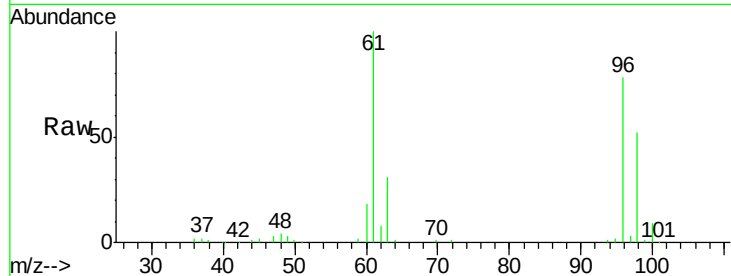


#27

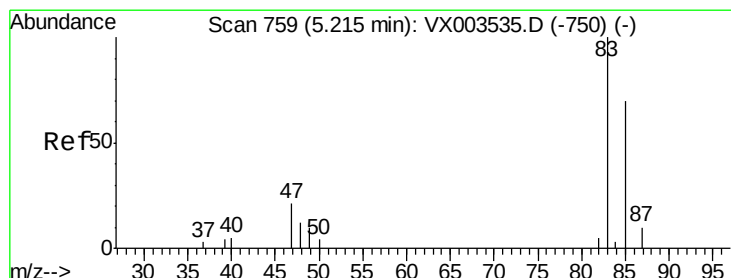
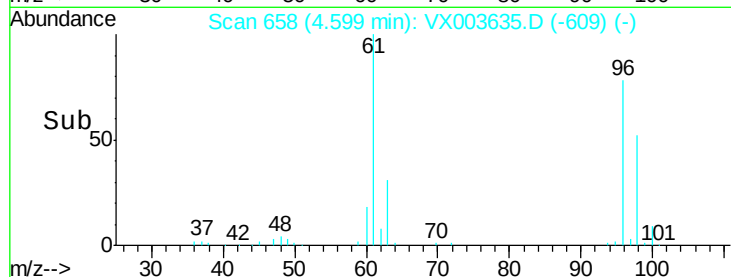
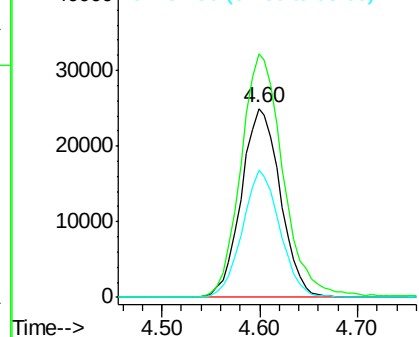
cis-1,2-Dichloroethene
Concen: 21.77 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003635.D
Acq: 24 Jul 2018 06:16

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-071718

Tot Ion: 96 Resp: 69171
Ion Ratio Lower Upper
96 100
61 141.2 0.0 330.2
98 64.7 0.0 130.2



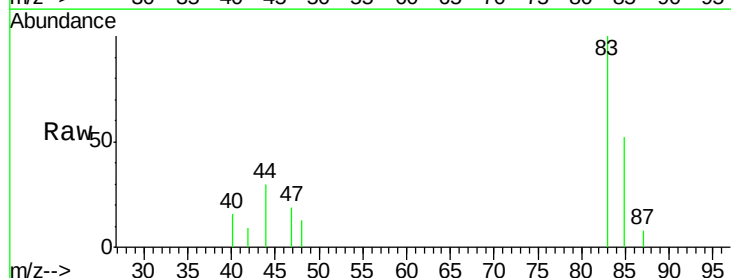
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



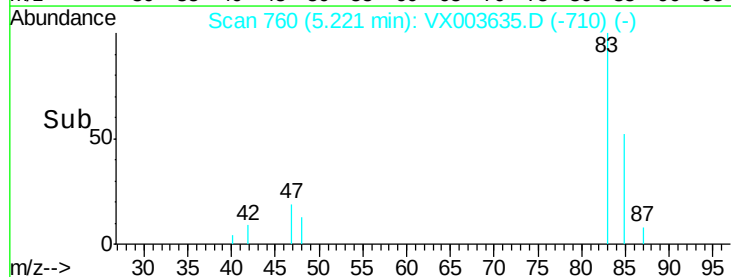
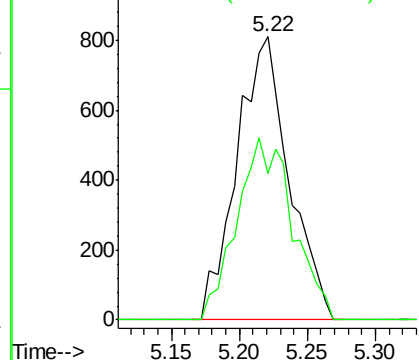
#30

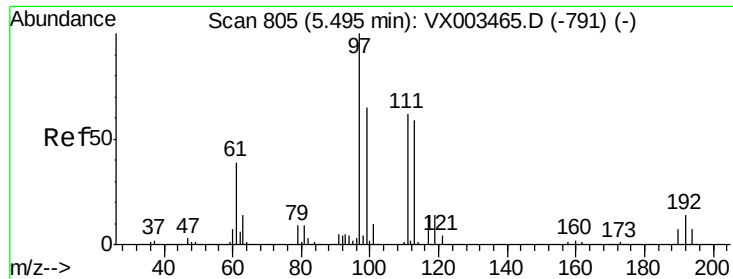
Chloroform
Concen: 0.45 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX003635.D
Acq: 24 Jul 2018 06:16

Tgt Ion: 83 Resp: 2179
Ion Ratio Lower Upper
83 100
85 51.6 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#32

1,1,1-Trichloroethane

Concen: 0.44 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX003635.D

Acq: 24 Jul 2018 06:16

Instrument :

MSVOA_X

ClientSampleId :

RE126D2-071718

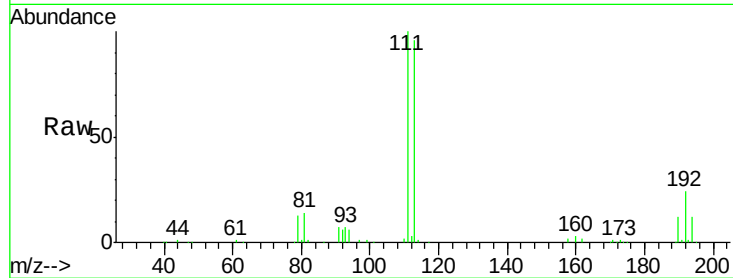
Tot Ion: 97 Resp: 1845

Ion Ratio Lower Upper

97 100

99 0.0 51.6 77.4#

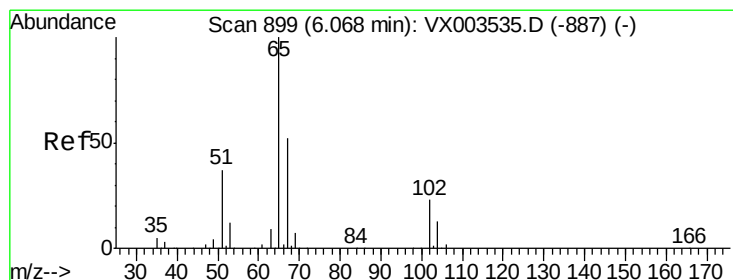
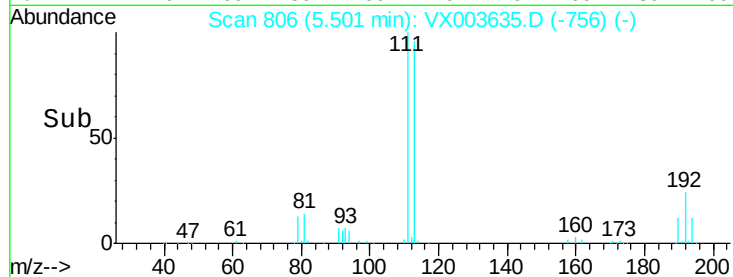
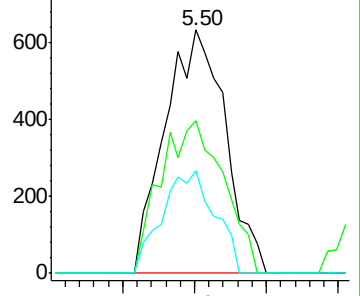
61 36.9 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.13 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003635.D

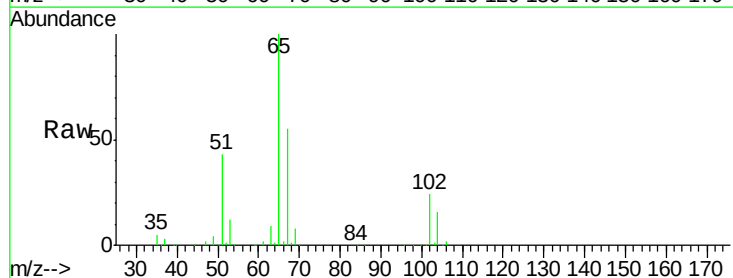
Acq: 24 Jul 2018 06:16

Tgt Ion: 65 Resp: 143047

Ion Ratio Lower Upper

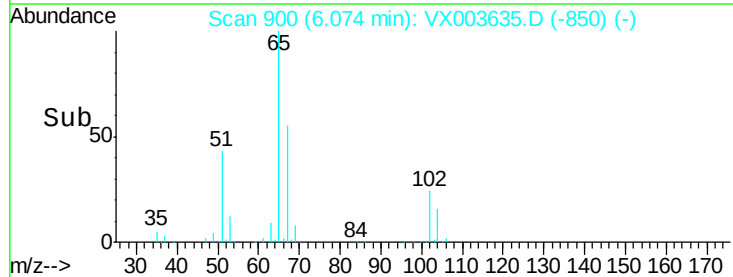
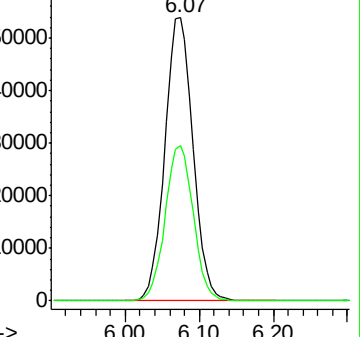
65 100

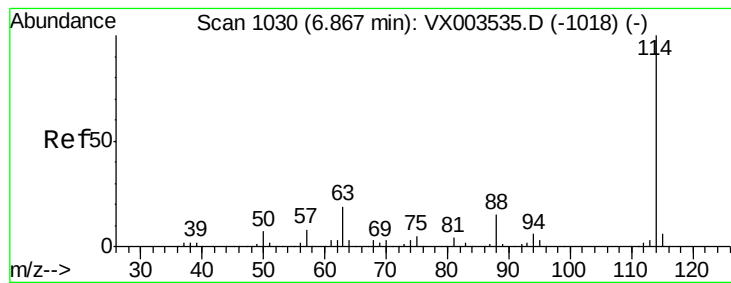
67 54.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003635.D

Acq: 24 Jul 2018 06:16

Instrument :

MSVOA_X

ClientSampleId :

RE126D2-071718

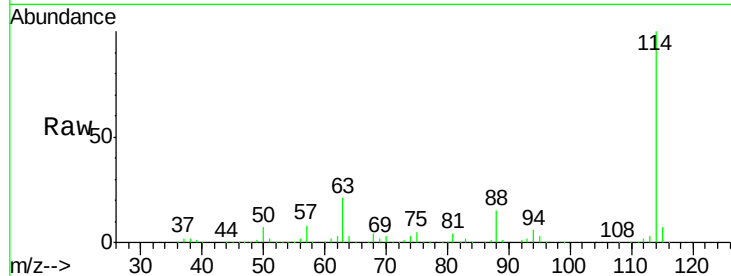
Tot Ion:114 Resp: 360161

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

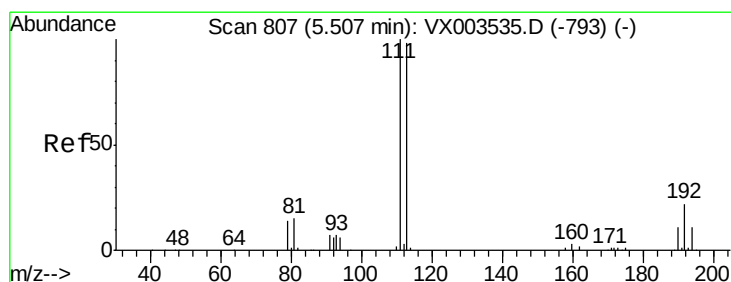
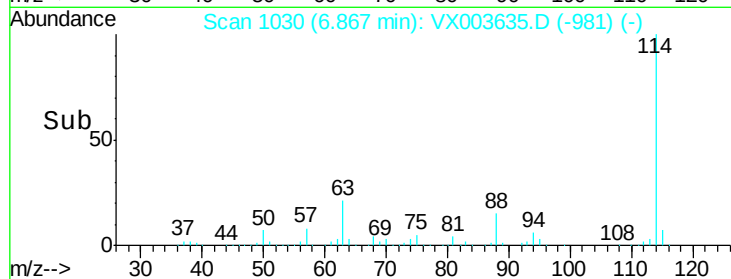
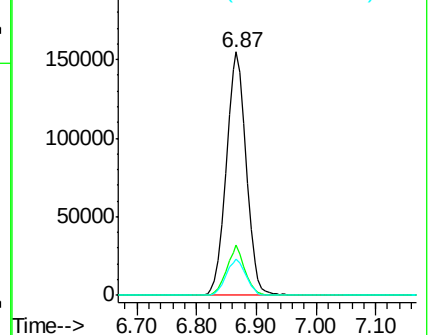
88 14.9 0.0 30.0



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: 50.20 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003635.D

Acq: 24 Jul 2018 06:16

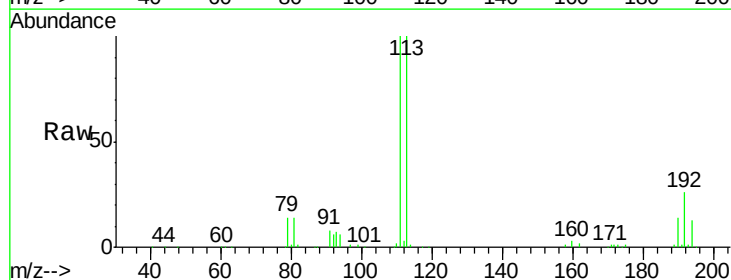
Tgt Ion:113 Resp: 137724

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

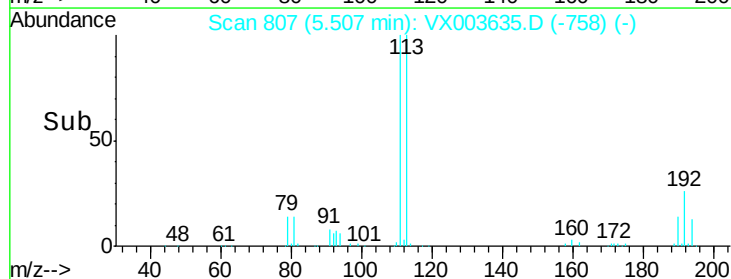
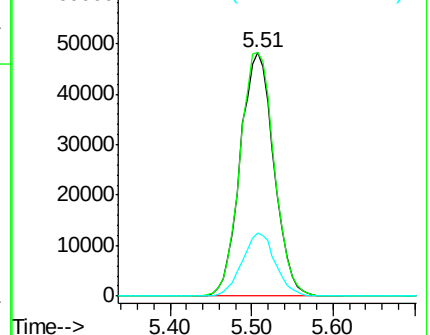
192 25.5 19.1 28.7

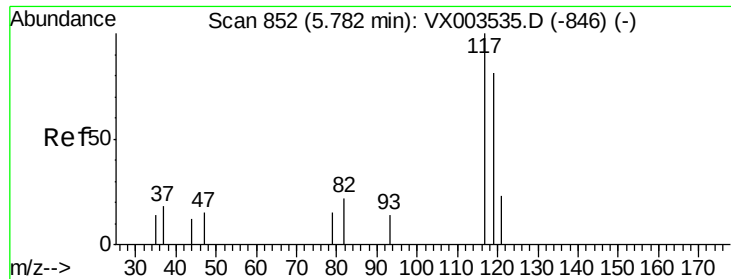


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

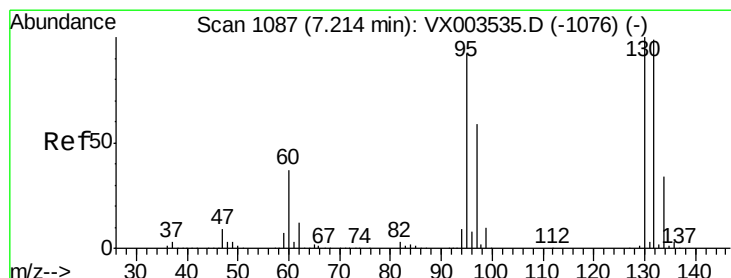
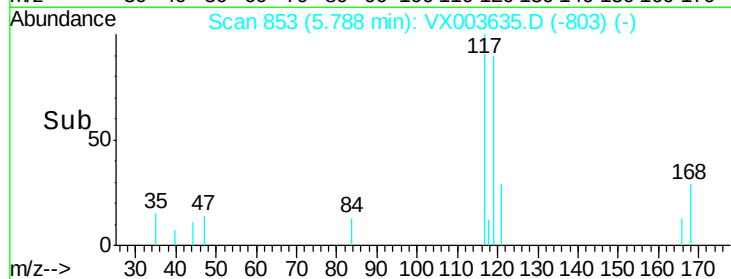
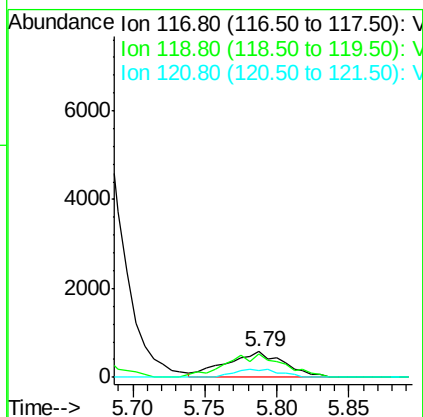
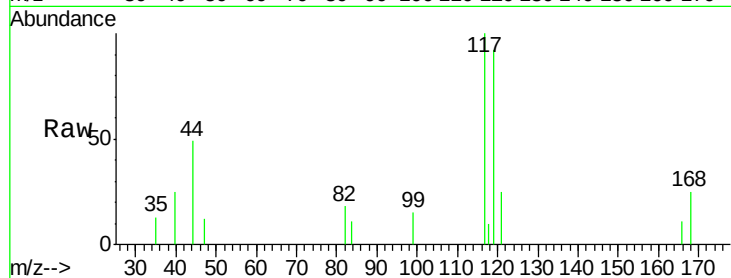




#38
Carbon Tetrachloride
Concen: 0.42 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003635.D
Acq: 24 Jul 2018 06:16

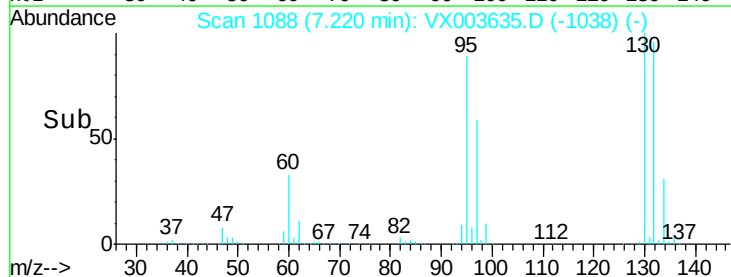
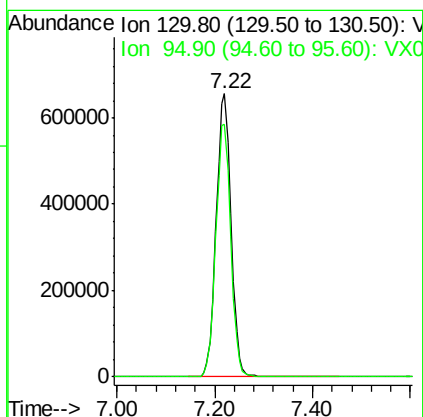
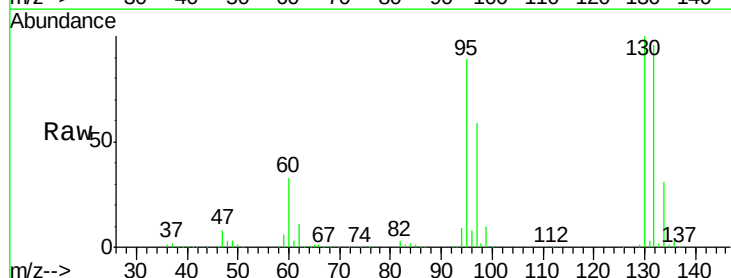
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-071718

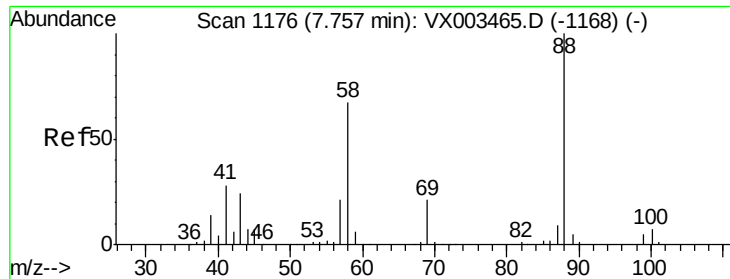
Tot Ion:117 Resp: 1608
Ion Ratio Lower Upper
117 100
119 92.0 77.4 116.0
121 25.0 24.4 36.6



#44
Trichloroethene
Concen: 393.88 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX003635.D
Acq: 24 Jul 2018 06:16

Tgt Ion:130 Resp: 1379079
Ion Ratio Lower Upper
130 100
95 89.0 0.0 185.4

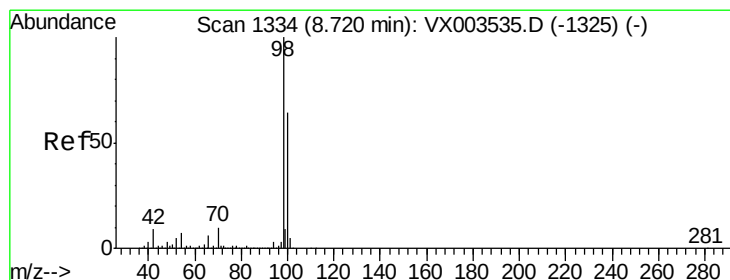
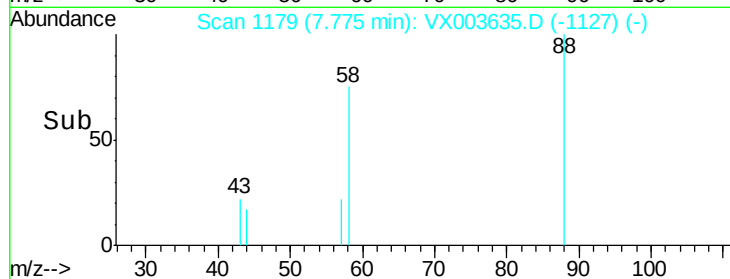
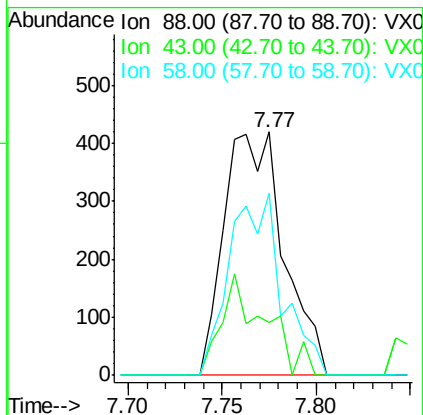
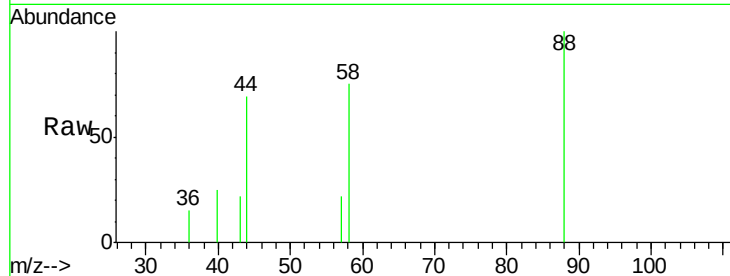




#49
1,4-Dioxane
Concen: 13.73 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. 0.02 min
Lab File: VX003635.D
Acq: 24 Jul 2018 06:16

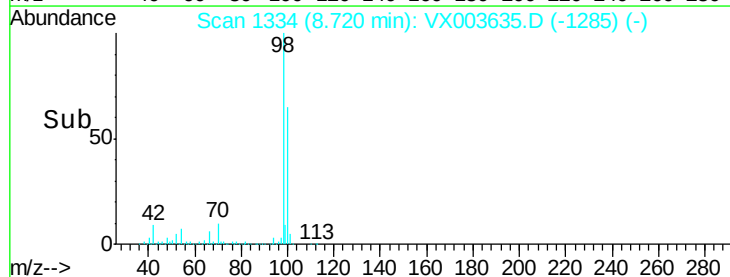
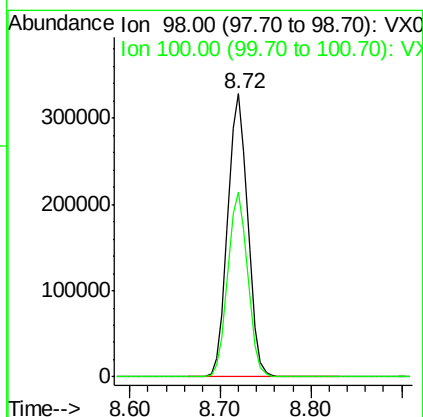
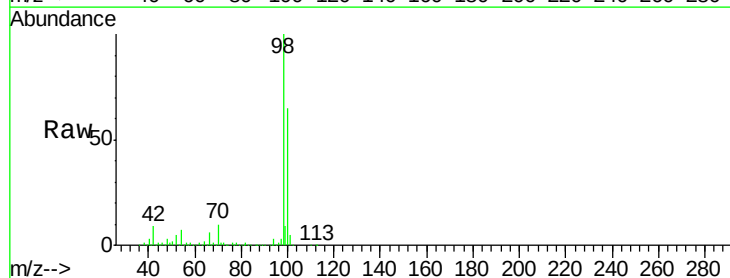
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-071718

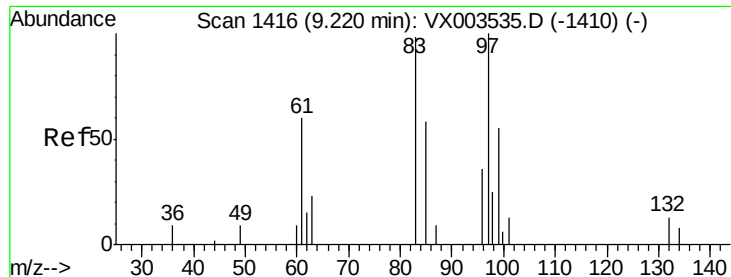
Tot Ion: 88 Resp: 918
Ion Ratio Lower Upper
88 100
43 30.5 29.8 44.6
58 65.9 57.1 85.7



#50
Toluene-d8
Concen: 49.03 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003635.D
Acq: 24 Jul 2018 06:16

Tgt Ion: 98 Resp: 505547
Ion Ratio Lower Upper
98 100
100 64.8 50.9 76.3





#55

1,1,2-Trichloroethane

Concen: 0.41 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX003635.D

Acq: 24 Jul 2018 06:16

Instrument :

MSVOA_X

ClientSampleId :

RE126D2-071718

Tot Ion: 97 Resp: 1197

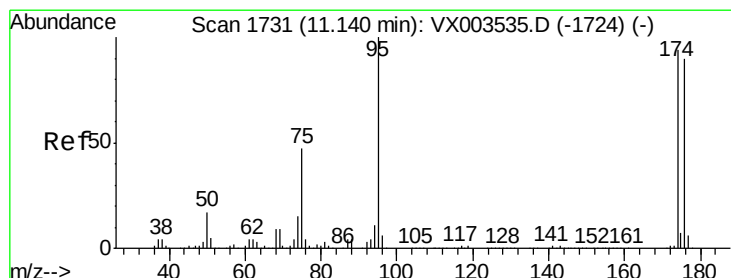
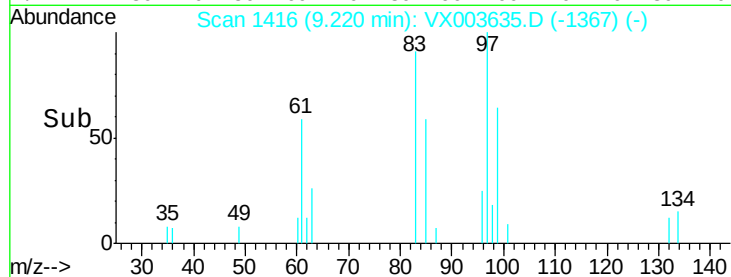
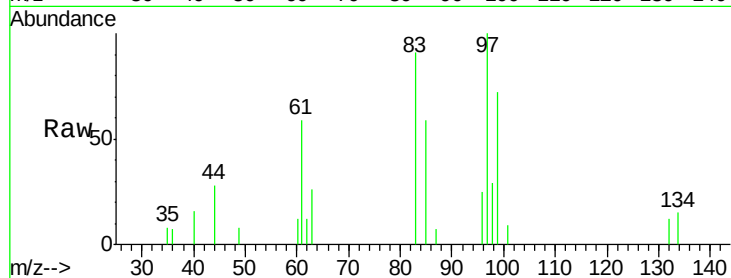
Ion	Ratio	Lower	Upper
97	100		
83	90.9	70.2	105.2
85	58.6	44.9	67.3
99	72.0	49.8	74.8

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#62

4-Bromofluorobenzene

Concen: 45.58 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003635.D

Acq: 24 Jul 2018 06:16

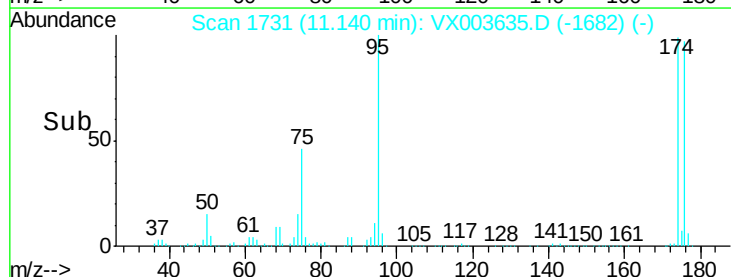
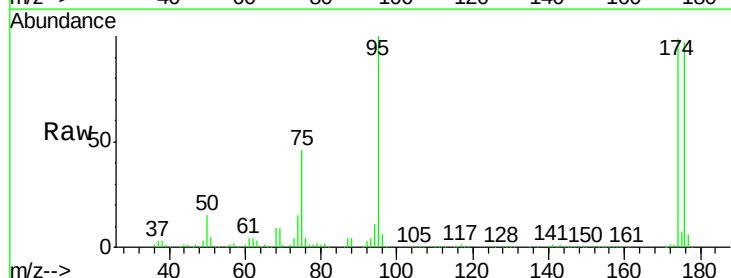
Tgt Ion: 95 Resp: 171494

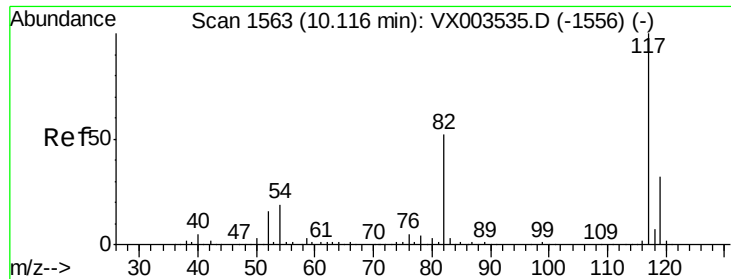
Ion	Ratio	Lower	Upper
95	100		
174	101.9	0.0	187.4
176	99.5	0.0	181.0

Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

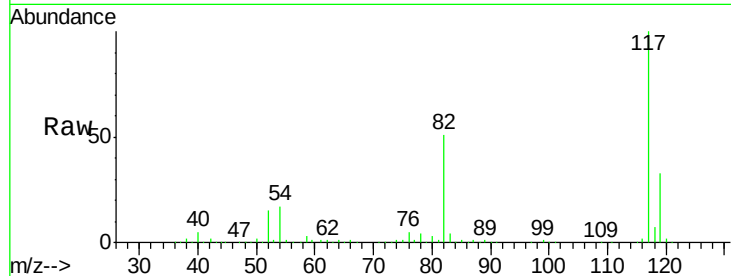




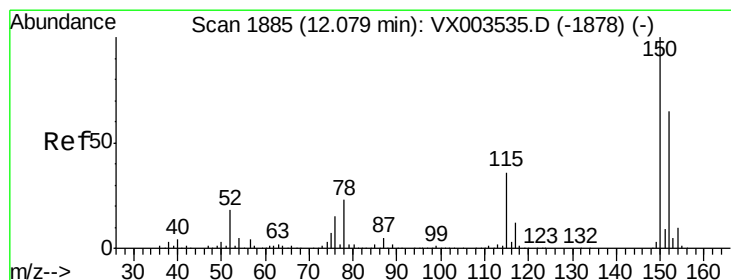
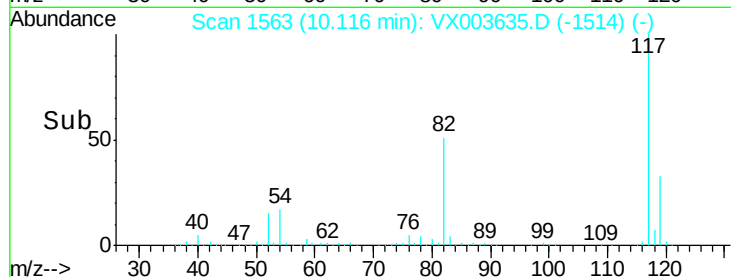
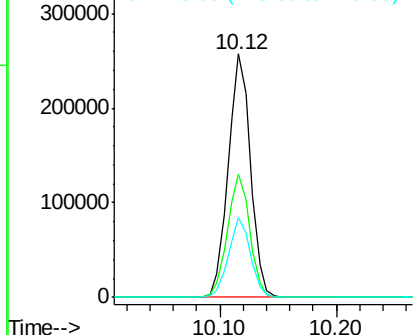
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003635.D
Acq: 24 Jul 2018 06:16

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-071718

Tot Ion:117 Resp: 341212
Ion Ratio Lower Upper
117 100
82 50.9 45.0 67.4
119 32.7 25.8 38.6

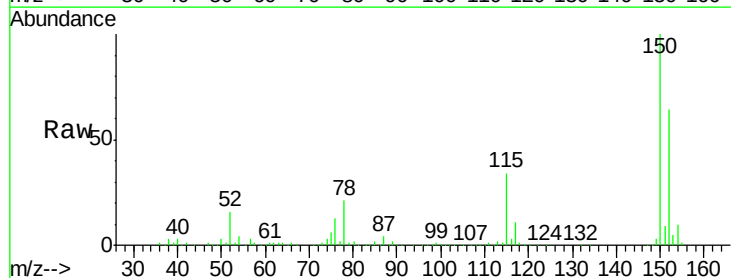


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003635.D
Acq: 24 Jul 2018 06:16

Tgt Ion:152 Resp: 190003
Ion Ratio Lower Upper
152 100
115 52.2 40.1 120.2
150 155.7 0.0 347.2



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

