

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031419\
 Data File : VX008094.D
 Acq On : 15 Mar 2019 02:26
 Operator : JC/SP
 Sample : K1839-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D1-20190307

Quant Time: Mar 15 05:35:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	293880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	454170	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	428096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211742	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	150375	50.73	ug/l	0.00
Spiked Amount			Recovery	=	101.46%	
35) Dibromofluoromethane	5.51	113	145424	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
50) Toluene-d8	8.71	98	548073	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.13	95	201355	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	

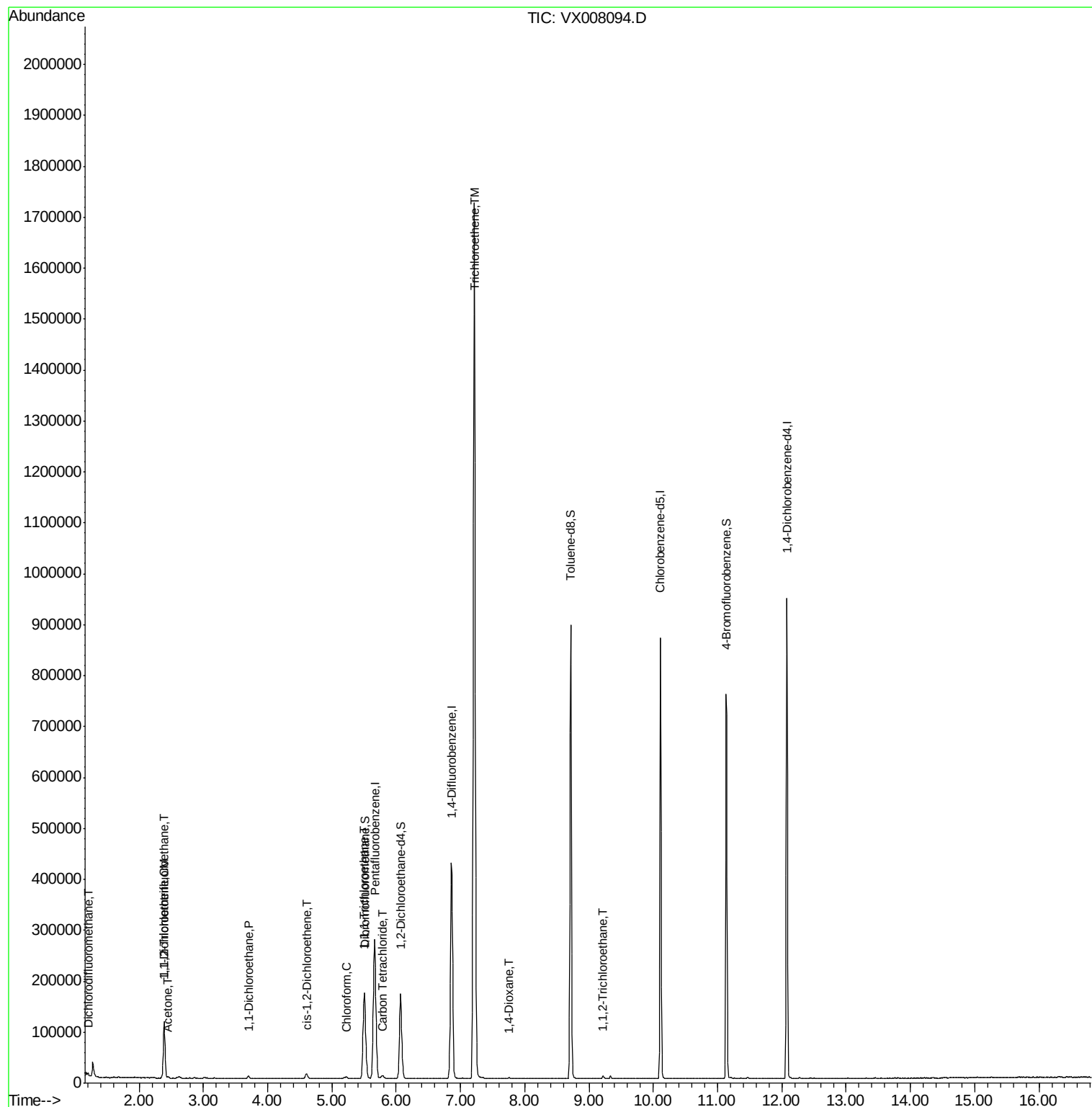
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	2397	1.019	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37552	15.840	ug/l	97
12) 1,1-Dichloroethene	2.38	96	9361	4.178	ug/l	87
16) Acetone	2.45	43	2356	1.683	ug/l	93
24) 1,1-Dichloroethane	3.70	63	5053	1.137	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	5744	2.002	ug/l	91
30) Chloroform	5.22	83	3621	0.804	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	1968	0.519	ug/l #	50
38) Carbon Tetrachloride	5.78	117	5093	1.416	ug/l	97
44) Trichloroethene	7.21	130	706159	213.766	ug/l	99
49) 1,4-Dioxane	7.76	88	1306	17.928	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	1625	0.549	ug/l #	87

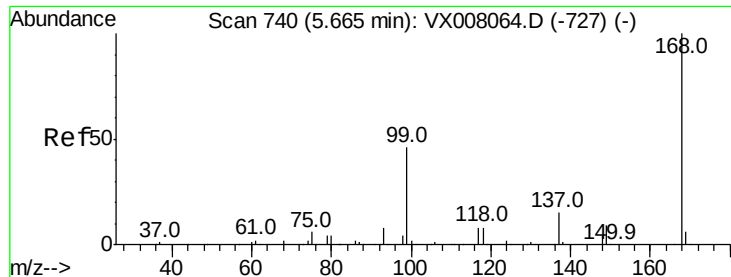
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031419\
Data File : VX008094.D
Acq On : 15 Mar 2019 02:26
Operator : JC/SP
Sample : K1839-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307

Quant Time: Mar 15 05:35:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

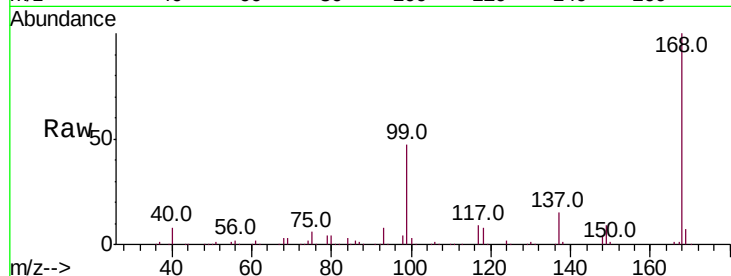
TT101D1-20190307

Tot Ion:168 Resp: 293880

Ion Ratio Lower Upper

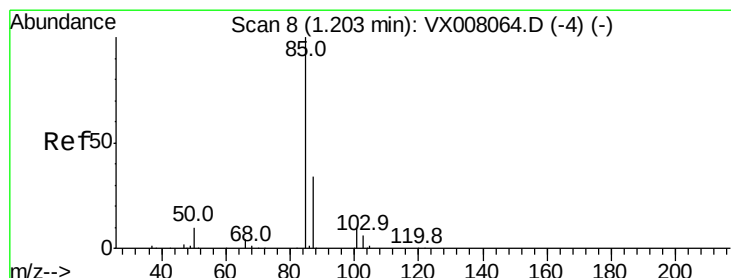
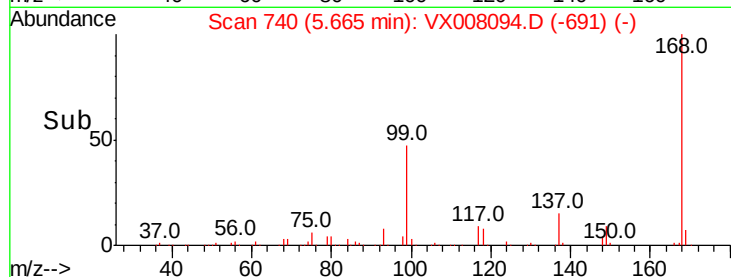
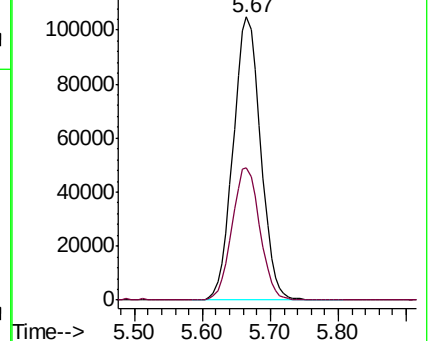
168 100

99 46.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.019 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX008094.D

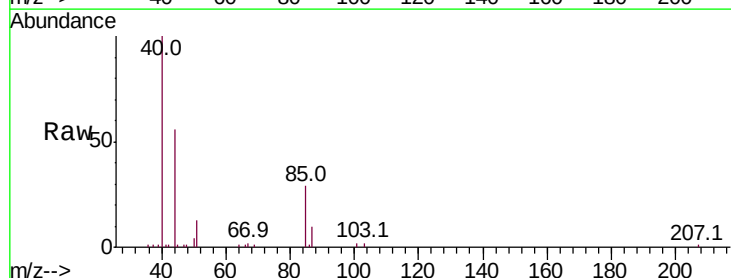
Acq: 15 Mar 2019 02:26

Tgt Ion: 85 Resp: 2397

Ion Ratio Lower Upper

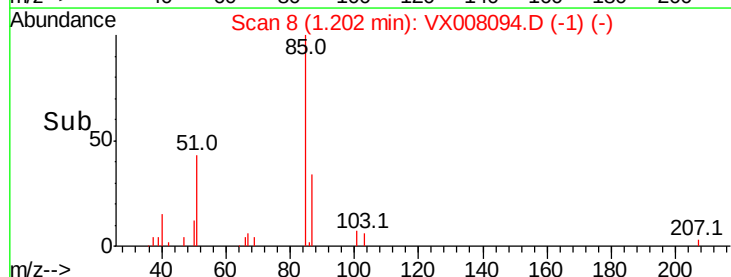
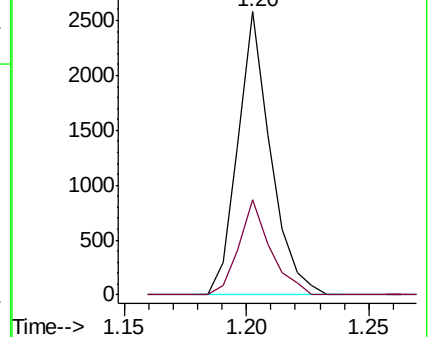
85 100

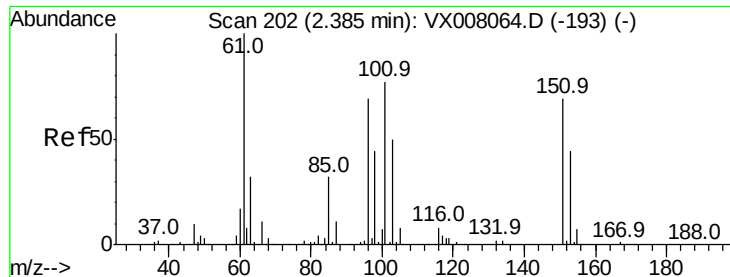
87 33.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.840 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

TT101D1-20190307

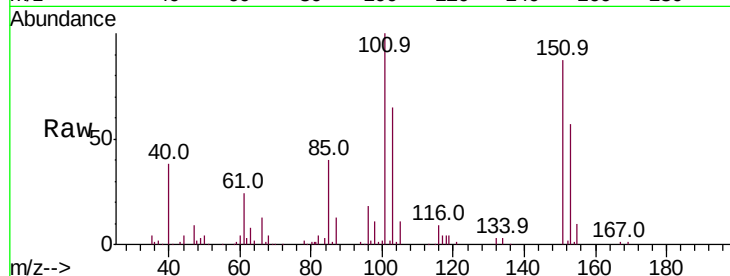
Tot Ion:101 Resp: 37552

Ion Ratio Lower Upper

101 100

85 41.6 33.8 50.6

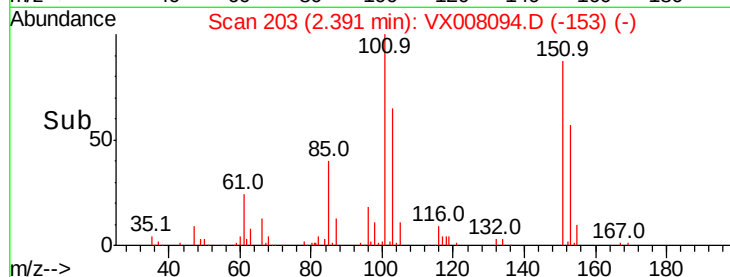
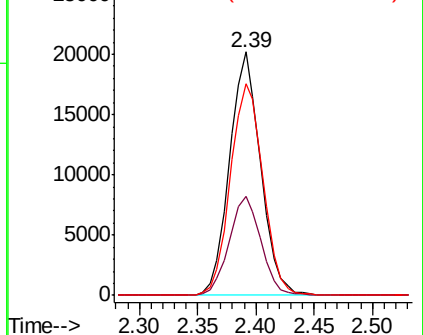
151 90.8 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 4.178 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

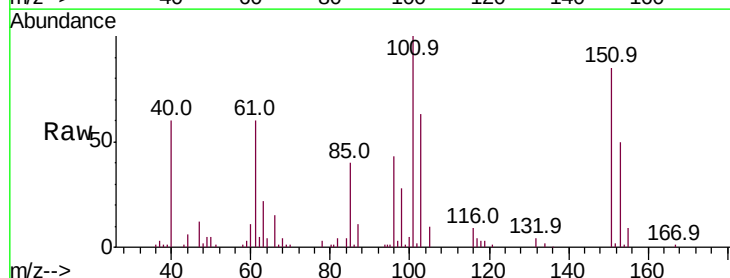
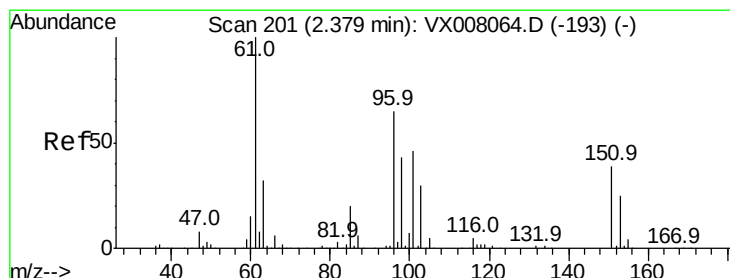
Tgt Ion: 96 Resp: 9361

Ion Ratio Lower Upper

96 100

61 138.5 129.8 194.6

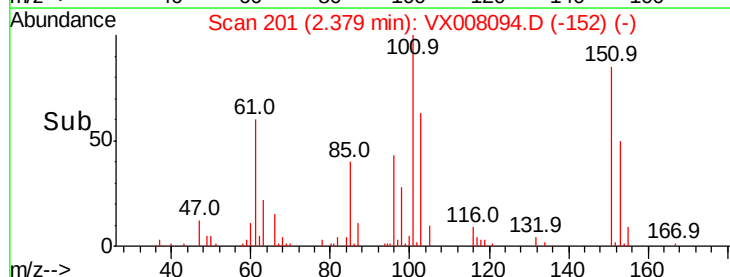
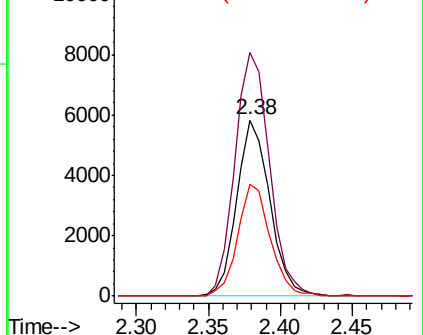
98 63.6 51.0 76.6

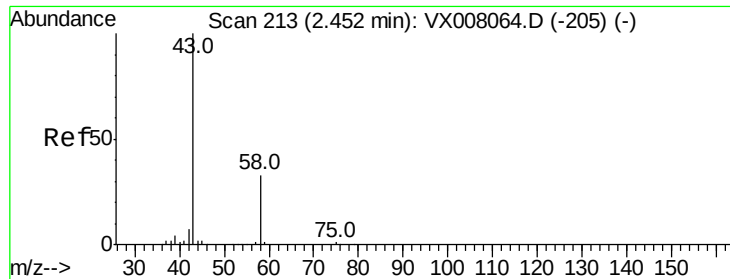


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 1.683 ug/l

RT: 2.45 min Scan# 213

Delta R.T. -0.00 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

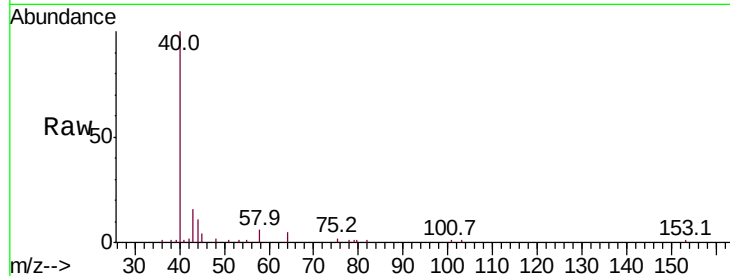
TT101D1-20190307

Tot Ion: 43 Resp: 2356

Ion Ratio Lower Upper

43 100

58 35.6 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

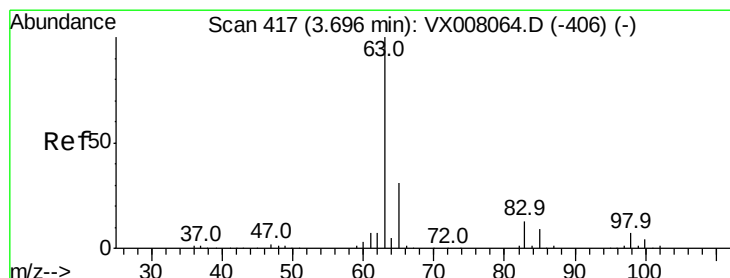
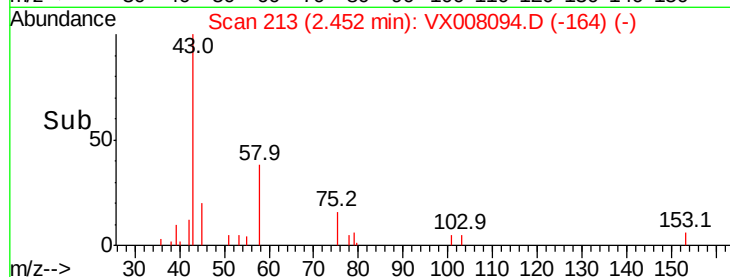
1000

500

0

Time-->

2.40 2.45 2.50



#24

1,1-Dichloroethane

Concen: 1.137 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

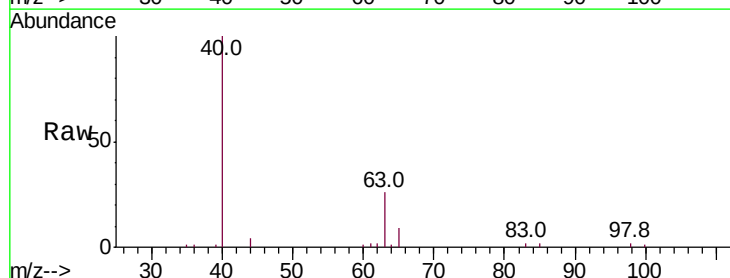
Tgt Ion: 63 Resp: 5053

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 3.9 2.3 6.8



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

3000

2500

2000

1500

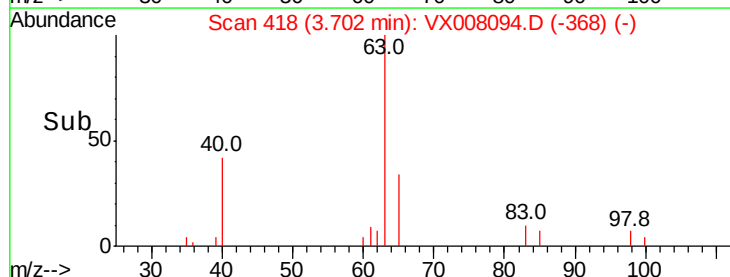
1000

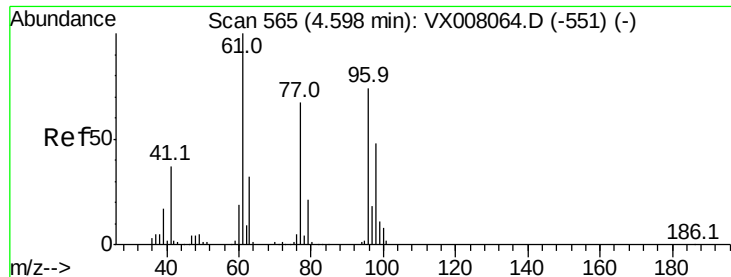
500

0

Time-->

3.60 3.65 3.70 3.75



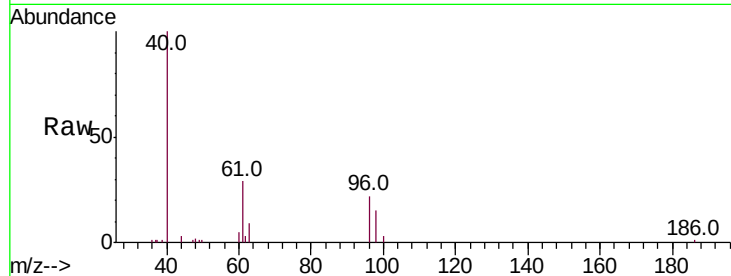


#27

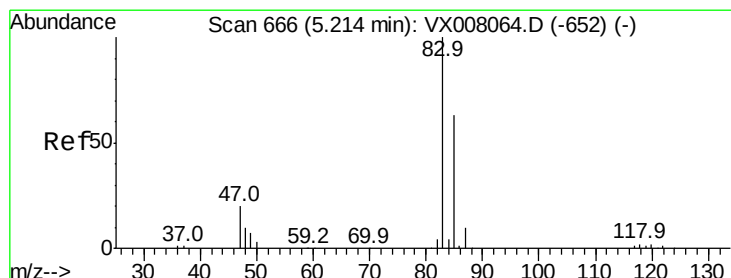
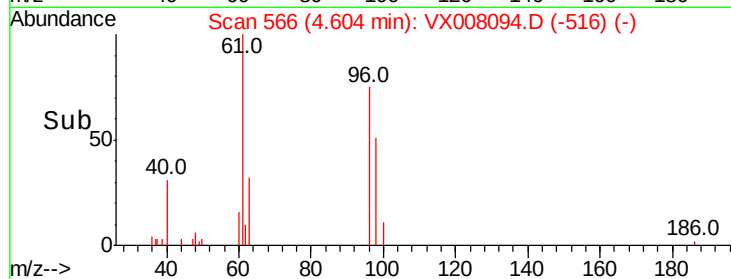
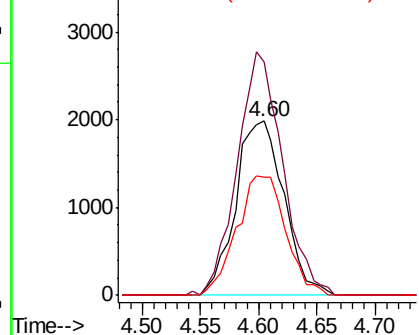
cis-1,2-Dichloroethene
 Concen: 2.002 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX008094.D
 Acq: 15 Mar 2019 02:26

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D1-20190307

Tot Ion: 96 Resp: 5744
 Ion Ratio Lower Upper
 96 100
 61 130.8 0.0 288.0
 98 69.6 0.0 129.0



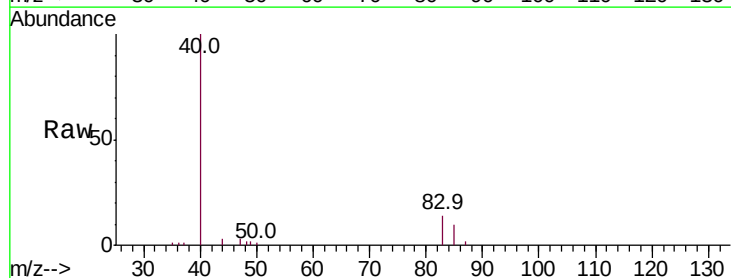
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



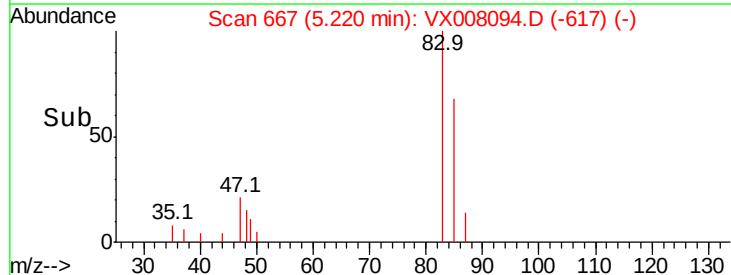
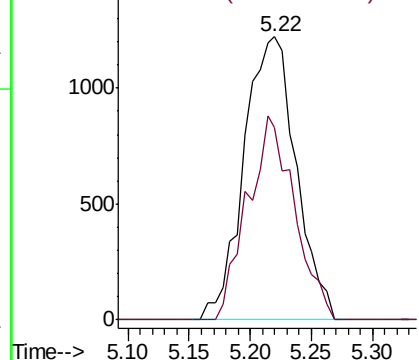
#30

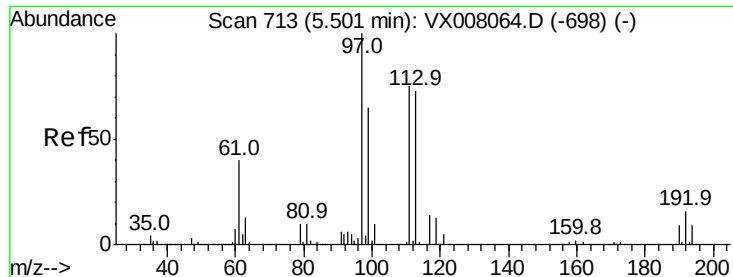
Chloroform
 Concen: 0.804 ug/l
 RT: 5.22 min Scan# 667
 Delta R.T. 0.01 min
 Lab File: VX008094.D
 Acq: 15 Mar 2019 02:26

Tgt Ion: 83 Resp: 3621
 Ion Ratio Lower Upper
 83 100
 85 68.0 51.8 77.6



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: 0.519 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

TT101D1-20190307

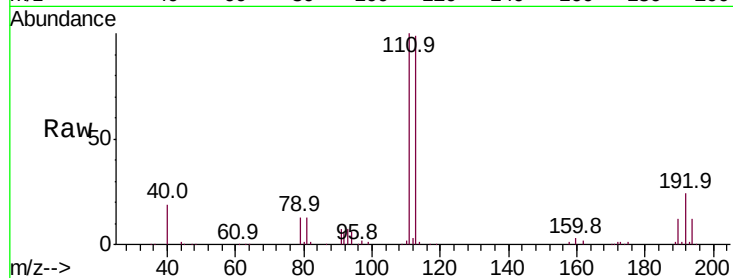
Tot Ion: 97 Resp: 1968

Ion Ratio Lower Upper

97 100

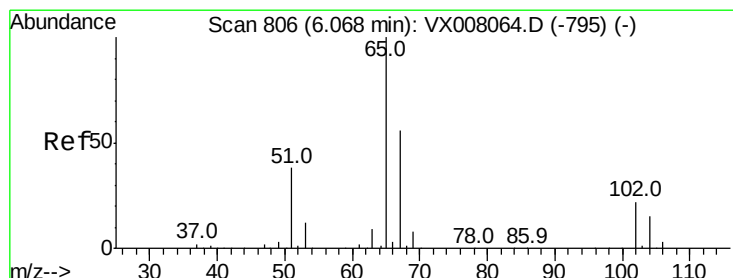
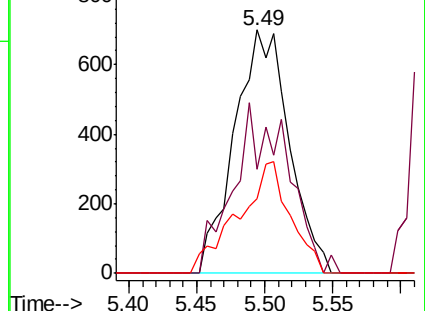
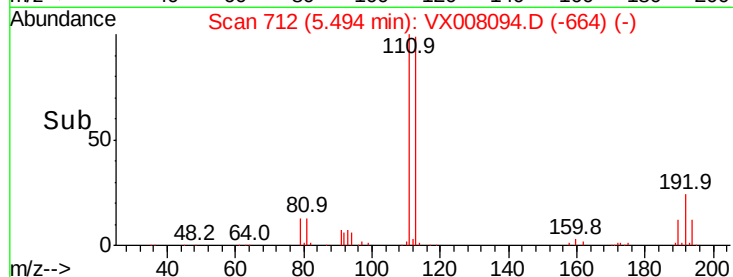
99 0.0 52.2 78.2#

61 43.7 34.9 52.3



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

5.49



#33

1,2-Dichloroethane-d4

Concen: 50.725 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008094.D

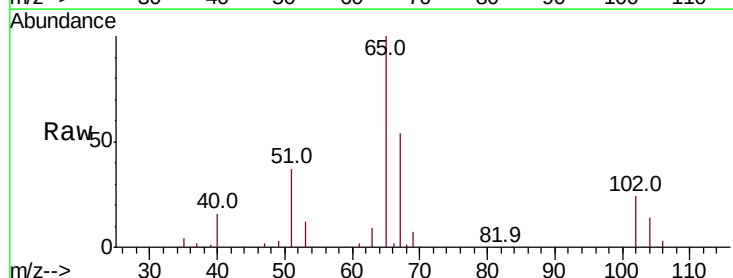
Acq: 15 Mar 2019 02:26

Tgt Ion: 65 Resp: 150375

Ion Ratio Lower Upper

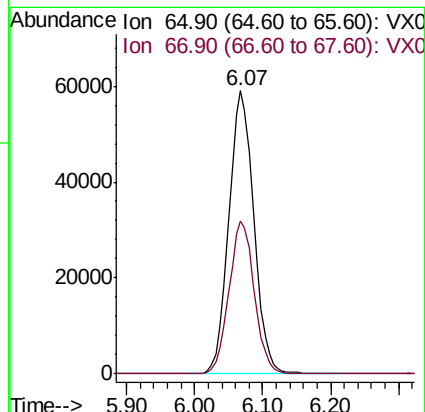
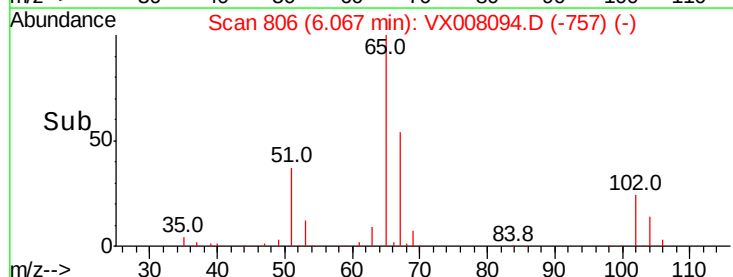
65 100

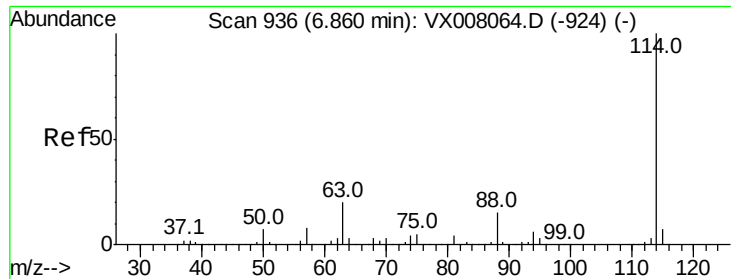
67 54.6 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

6.07

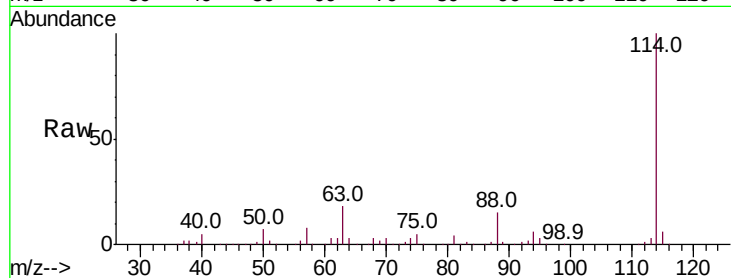




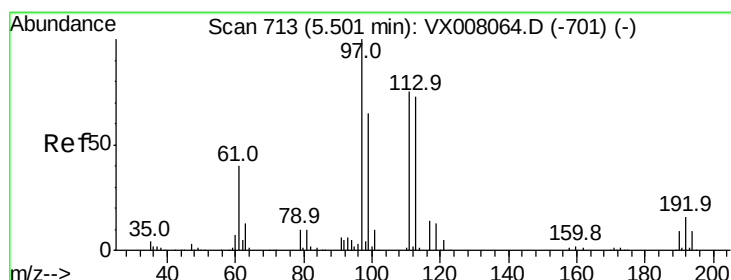
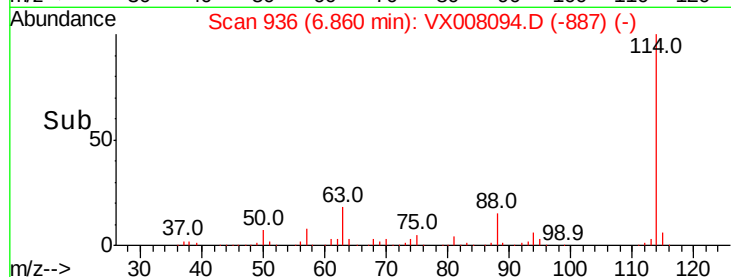
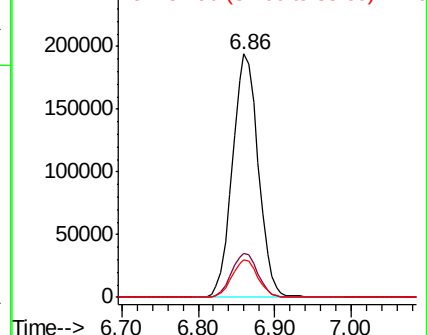
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008094.D
 Acq: 15 Mar 2019 02:26

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D1-20190307

Tot Ion:114 Resp: 454170
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.8
 88 15.3 0.0 31.4

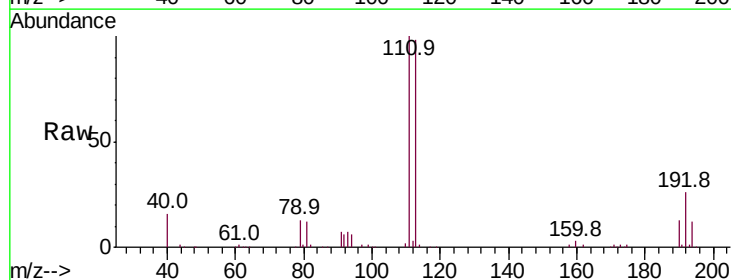


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

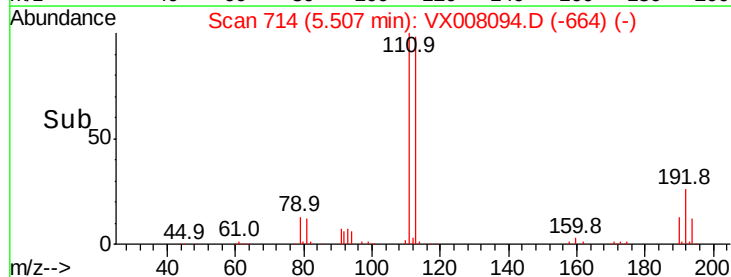
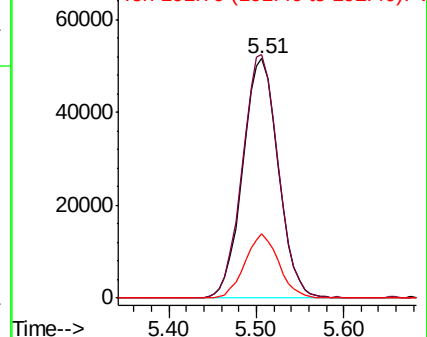


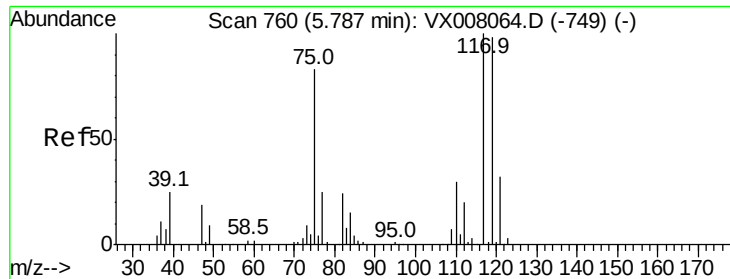
#35
 Dibromofluoromethane
 Concen: 50.493 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX008094.D
 Acq: 15 Mar 2019 02:26

Tgt Ion:113 Resp: 145424
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.4 122.0
 192 25.5 19.4 29.0



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

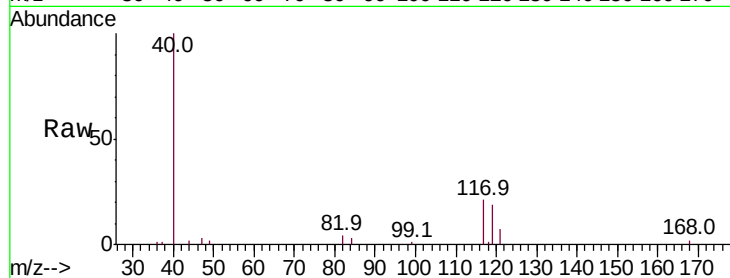




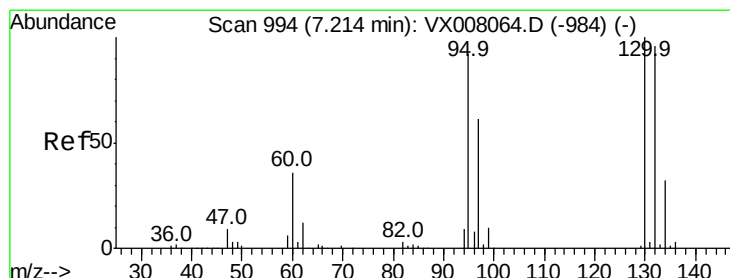
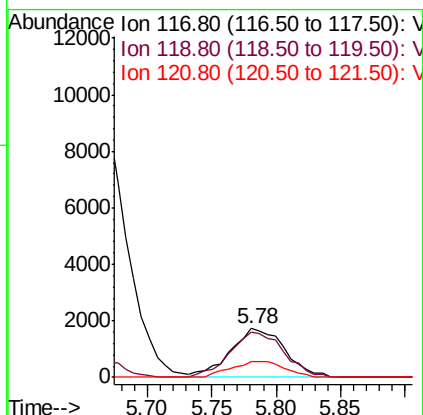
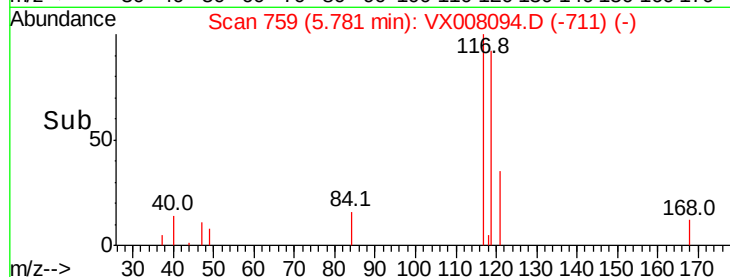
#38
Carbon Tetrachloride
Concen: 1.416 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307

Tot Ion:117 Resp: 5093
Ion Ratio Lower Upper
117 100
119 92.6 76.2 114.2
121 32.1 24.6 36.8

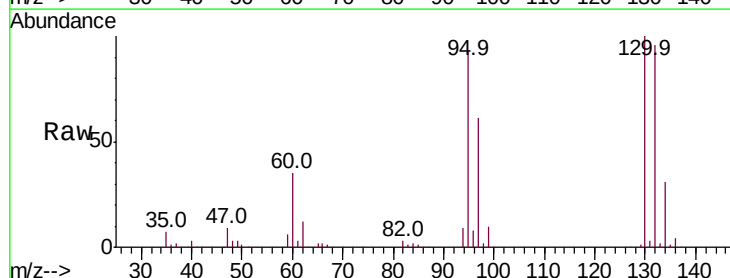


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

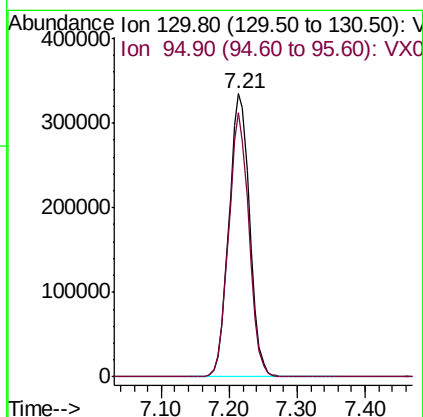
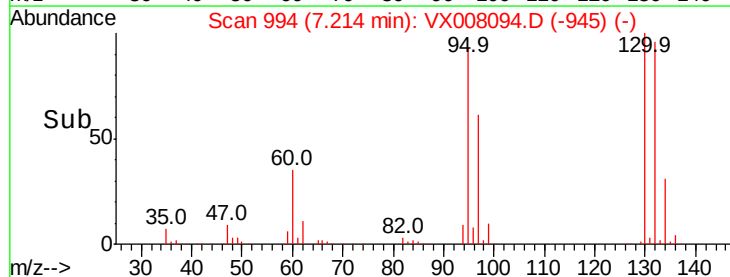


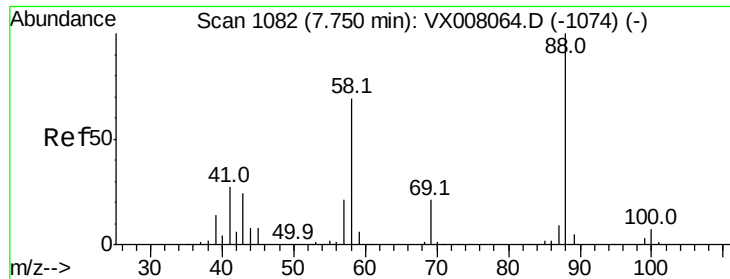
#44
Trichloroethene
Concen: 213.766 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Tgt Ion:130 Resp: 706159
Ion Ratio Lower Upper
130 100
95 93.2 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V

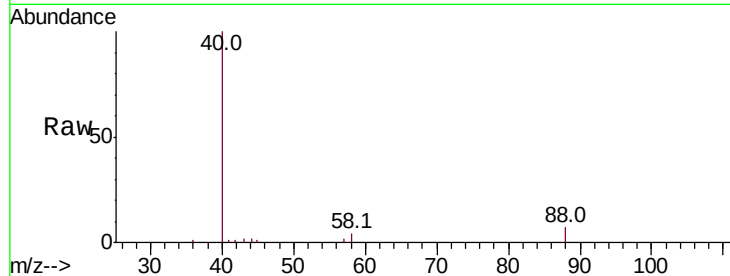




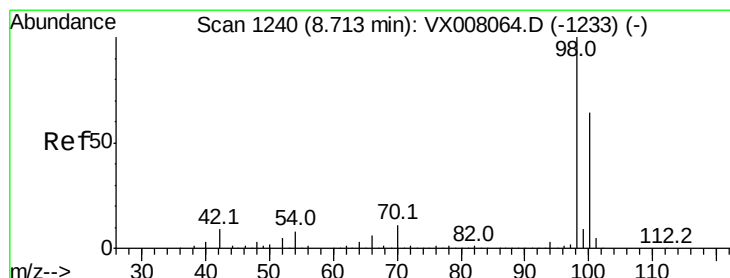
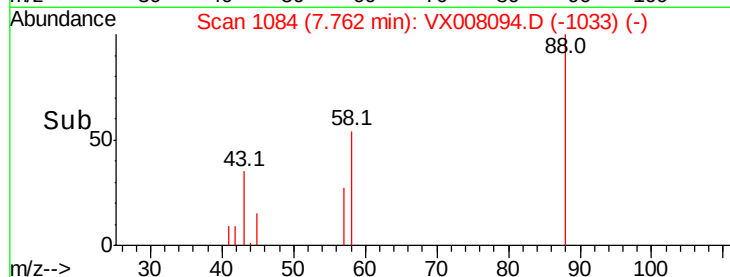
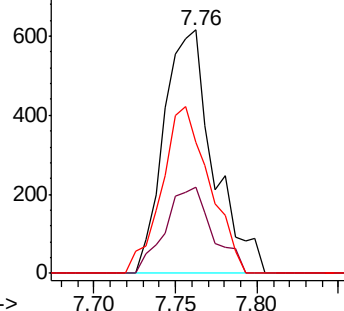
#49
1,4-Dioxane
Concen: 17.928 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307

Tot Ion: 88 Resp: 1306
Ion Ratio Lower Upper
88 100
43 33.7 25.1 37.7
58 65.5 57.8 86.6

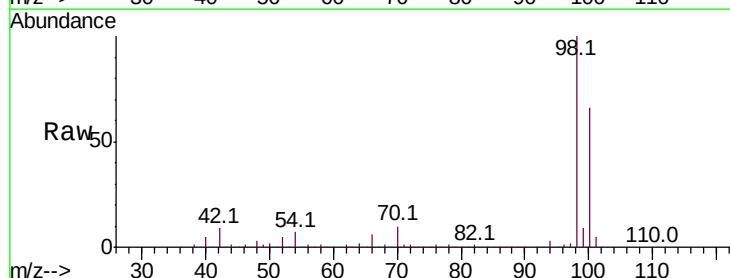


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

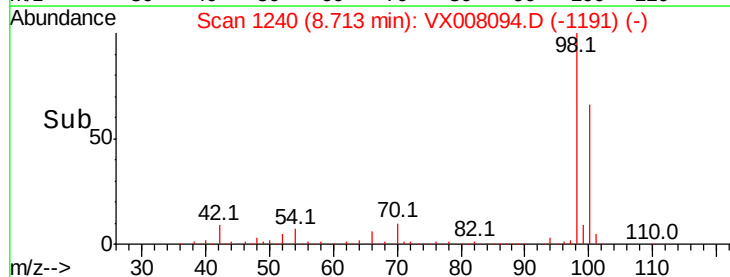
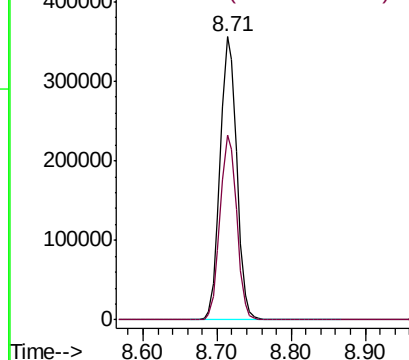


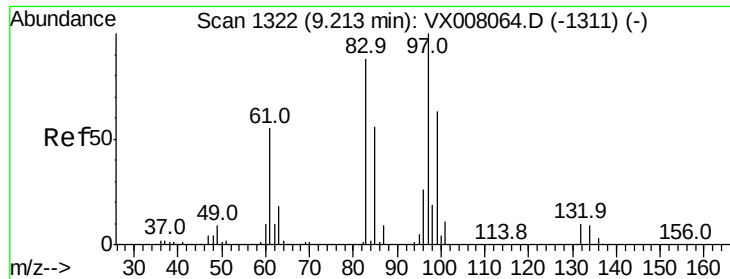
#50
Toluene-d8
Concen: 50.035 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Tgt Ion: 98 Resp: 548073
Ion Ratio Lower Upper
98 100
100 65.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#55

1,1,2-Trichloroethane

Concen: 0.549 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX008094.D

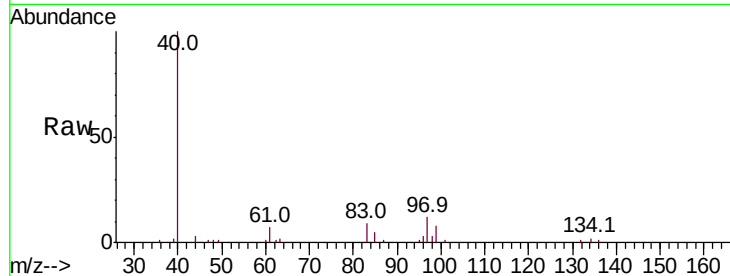
Acq: 15 Mar 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307

Tot Ion: 97 Resp: 1625

Ion Ratio Lower Upper

97	100		
83	73.4	69.1	103.7
85	42.8	44.3	66.5
99	69.1	49.8	74.8

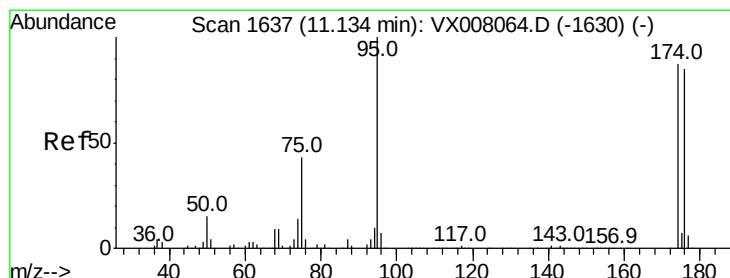
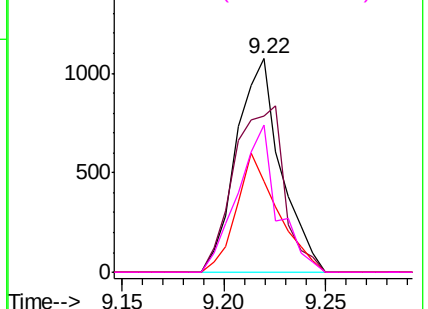
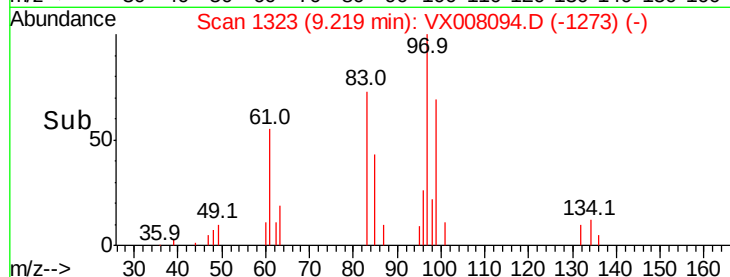


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 51.313 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

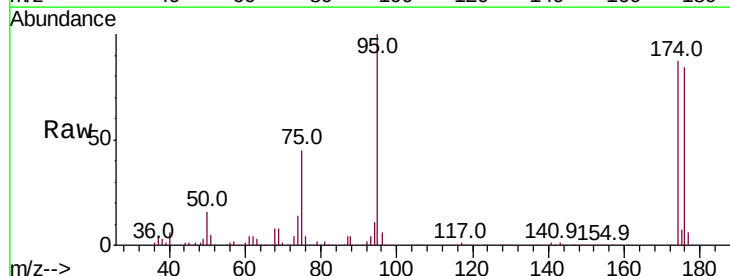
Lab File: VX008094.D

Acq: 15 Mar 2019 02:26

Tgt Ion: 95 Resp: 201355

Ion Ratio Lower Upper

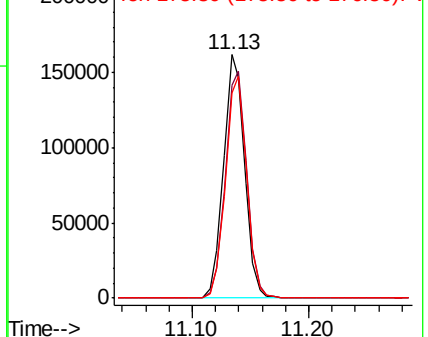
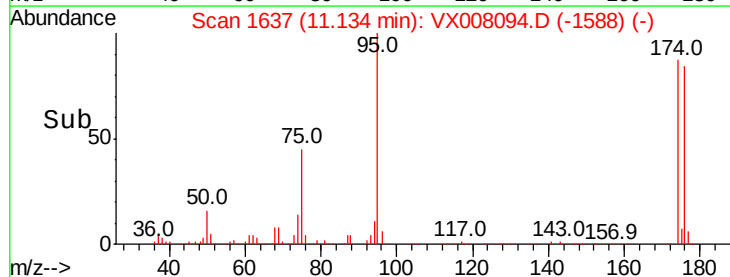
95	100		
174	95.4	0.0	182.8
176	92.3	0.0	178.0

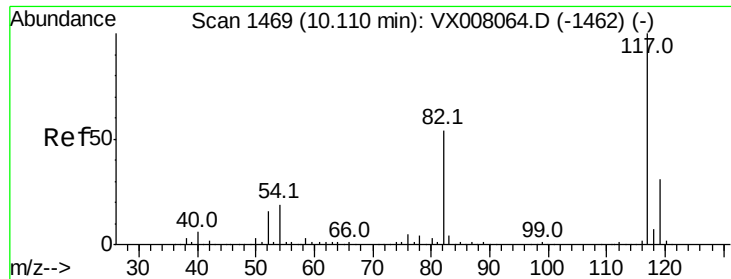


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

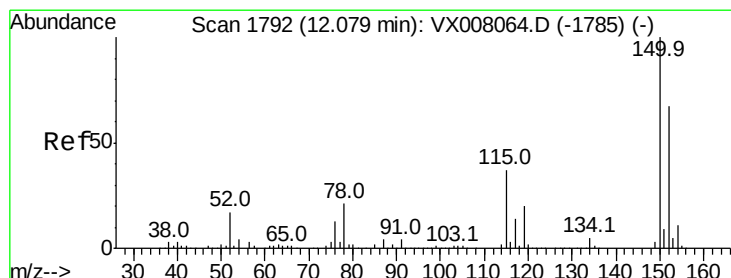
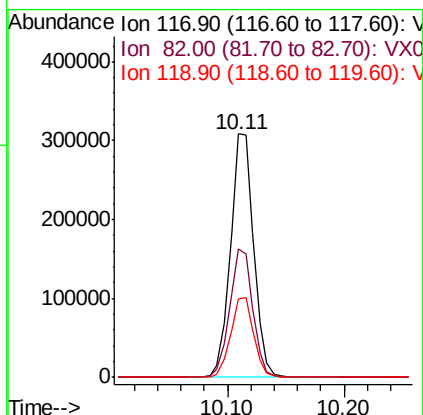
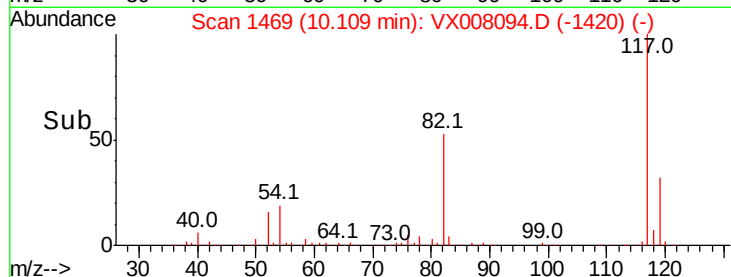
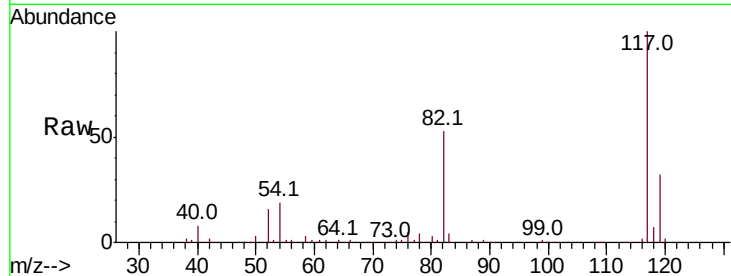




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307

Tot Ion:117 Resp: 428096
Ion Ratio Lower Upper
117 100
82 53.0 44.3 66.5
119 32.1 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Tgt Ion:152 Resp: 211742
Ion Ratio Lower Upper
152 100
115 54.9 38.6 115.7
150 156.7 0.0 348.4

