

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011205.D
 Acq On : 30 Jul 2019 19:14
 Operator : JC/SP
 Sample : K4026-06DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0674DL

Quant Time: Jul 31 09:08:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

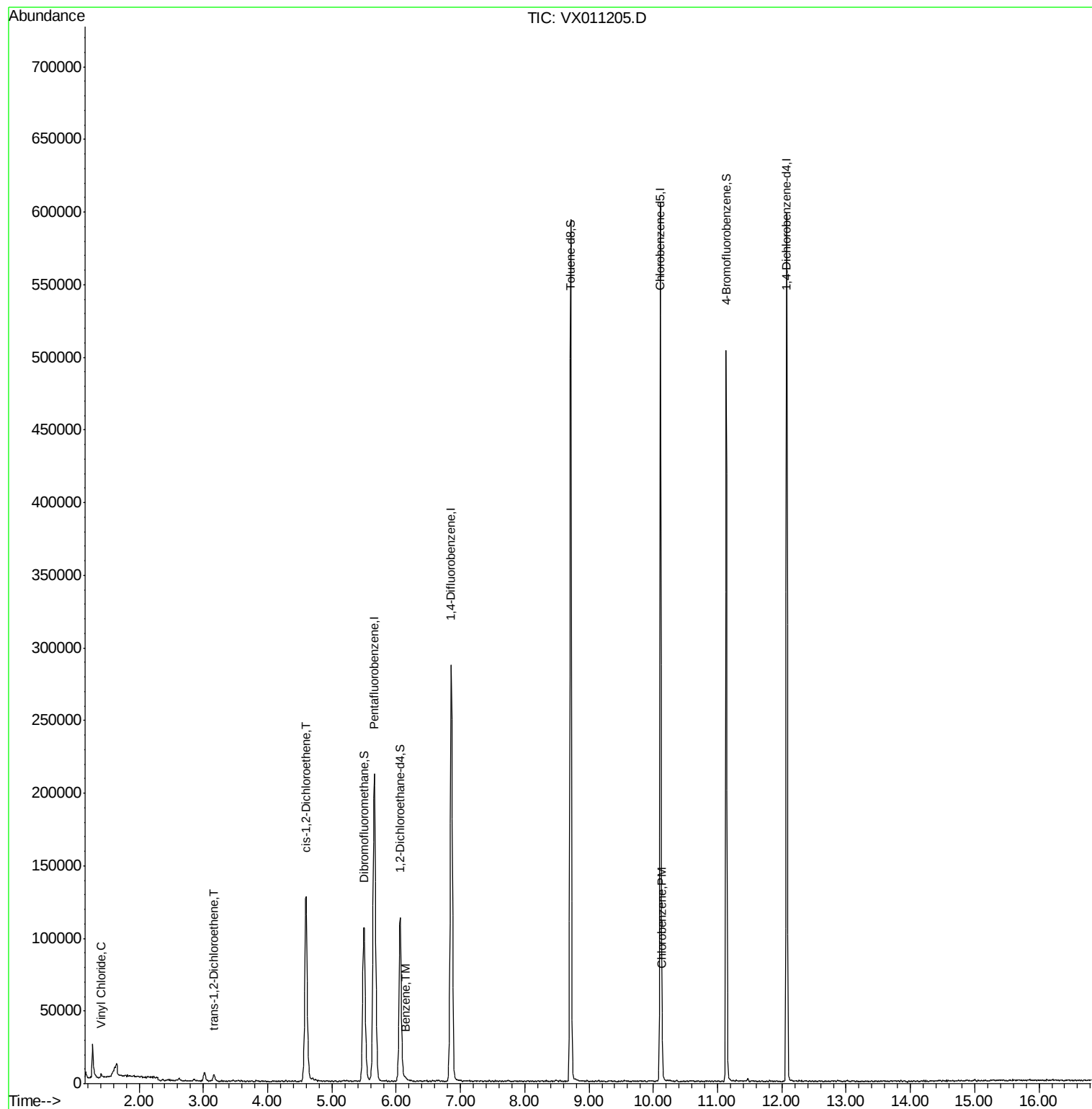
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	211675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	306283	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	127858	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	105450	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
35) Dibromofluoromethane	5.50	113	88916	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
50) Toluene-d8	8.71	98	355309	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.13	95	118769	44.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.64%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	2080	1.048	ug/l #	86
21) trans-1,2-Dichloroethene	3.17	96	1805	0.902	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	87824	37.932	ug/l	88
40) Benzene	6.15	78	2924	0.379	ug/l	97
65) Chlorobenzene	10.14	112	10774	1.933	ug/l	96

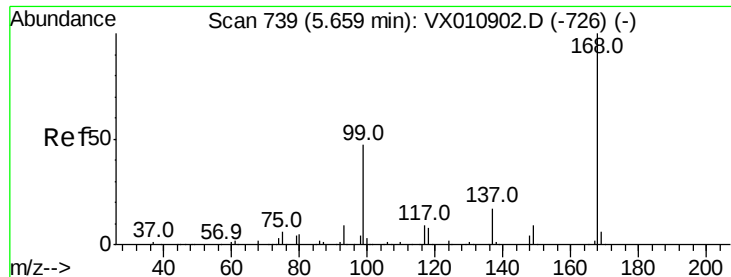
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX011205.D

Acq: 30 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

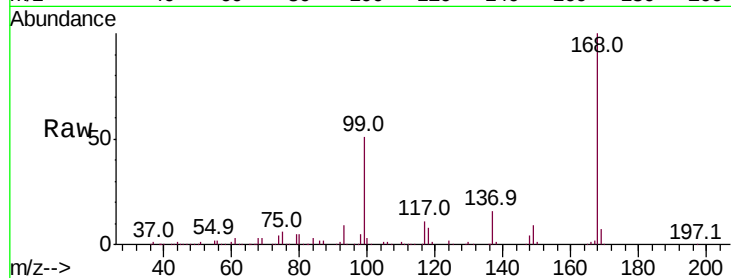
Z3-0674DL

Tot Ion:168 Resp: 211675

Ion Ratio Lower Upper

168 100

99 50.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

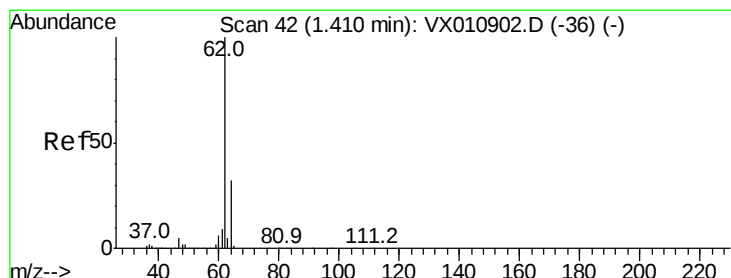
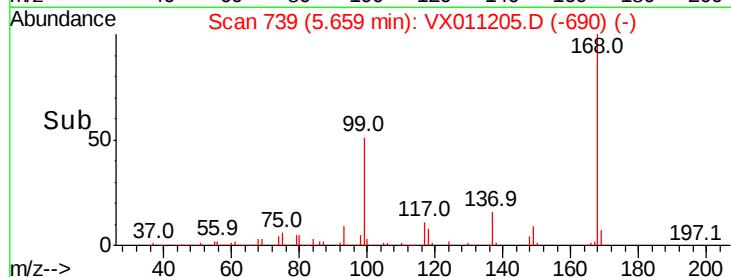
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.048 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX011205.D

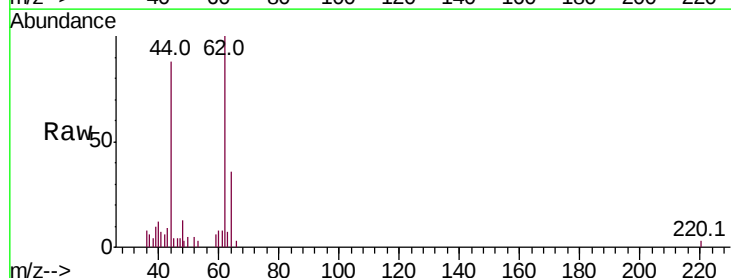
Acq: 30 Jul 2019 19:14

Tgt Ion: 62 Resp: 2080

Ion Ratio Lower Upper

62 100

64 24.4 25.7 38.5#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

2000

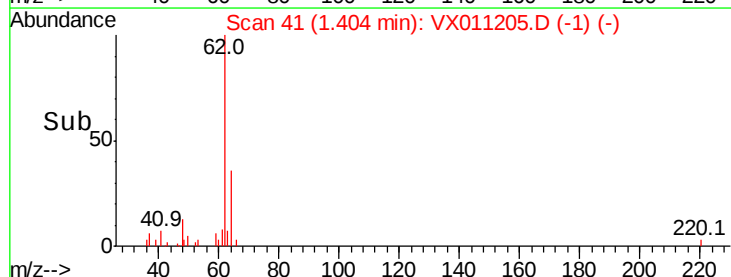
1500

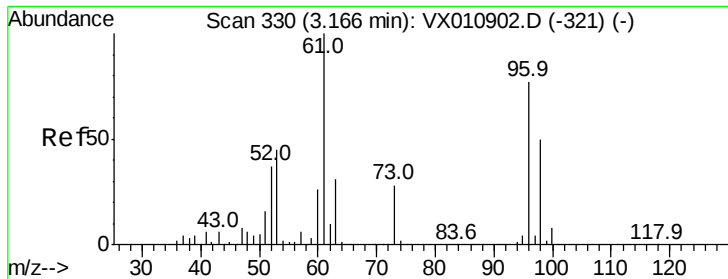
1000

500

0

Time--> 1.35 1.40 1.45





#21

trans-1,2-Dichloroethene

Concen: 0.902 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX011205.D

Acq: 30 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

Z3-0674DL

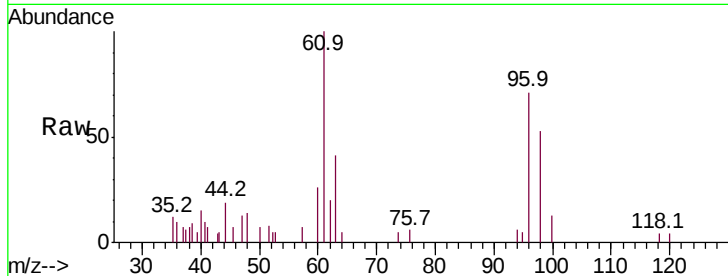
Tot Ion: 96 Resp: 1805

Ion Ratio Lower Upper

96 100

61 140.0 104.2 156.2

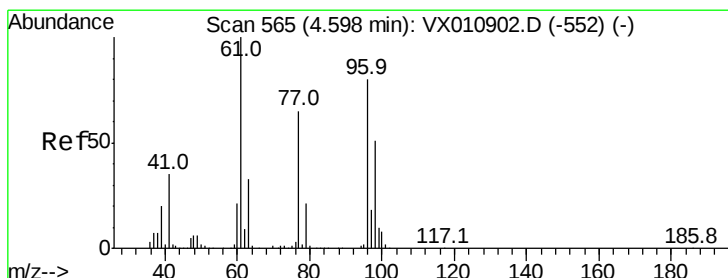
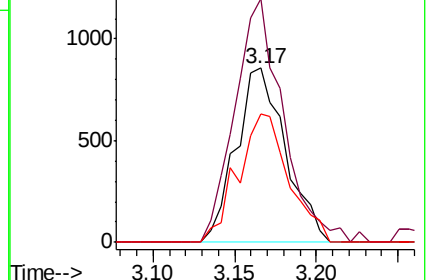
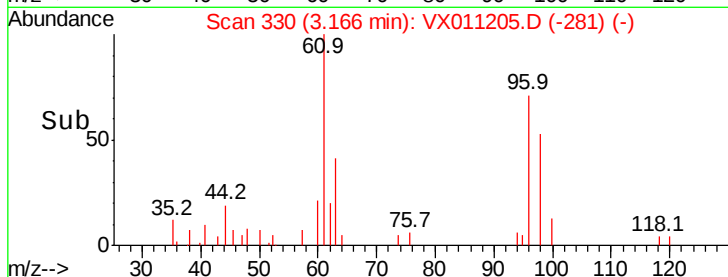
98 74.2 52.2 78.4



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



#27

cis-1,2-Dichloroethene

Concen: 37.932 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX011205.D

Acq: 30 Jul 2019 19:14

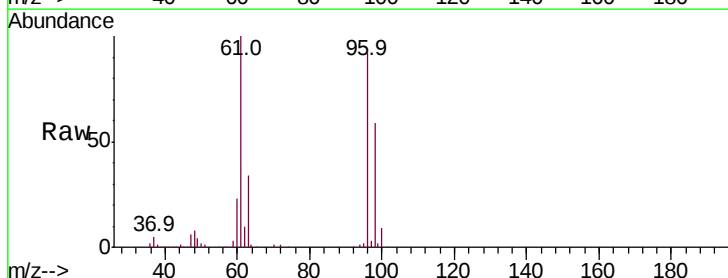
Tgt Ion: 96 Resp: 87824

Ion Ratio Lower Upper

96 100

61 114.2 0.0 269.0

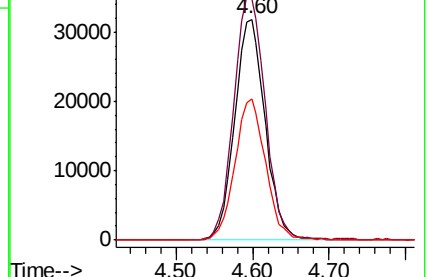
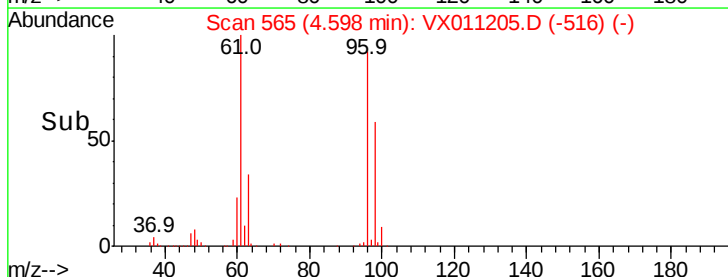
98 64.0 0.0 131.4

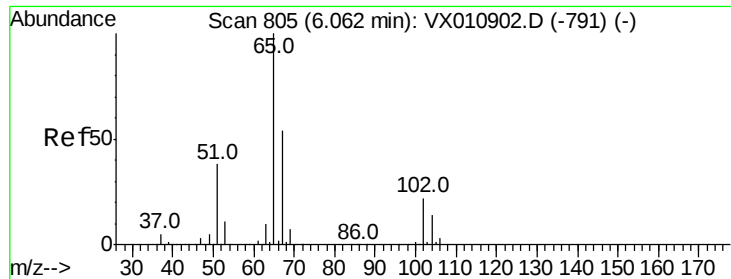


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.827 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011205.D

Acq: 30 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

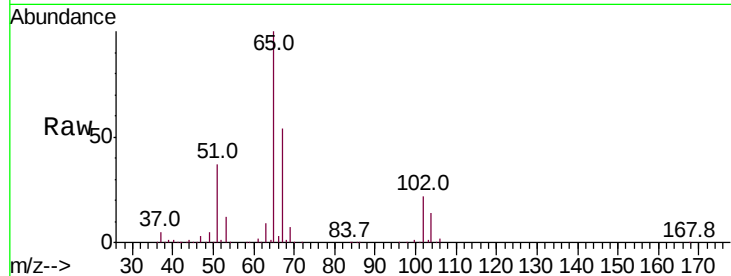
Z3-0674DL

Tot Ion: 65 Resp: 105450

Ion Ratio Lower Upper

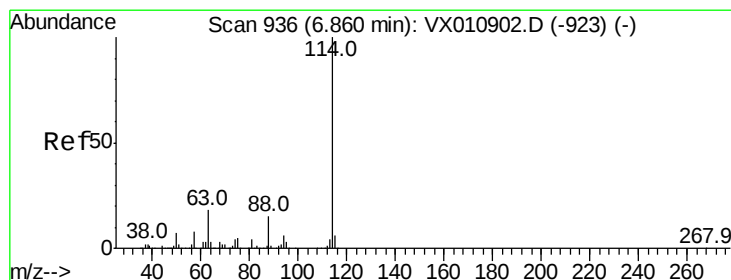
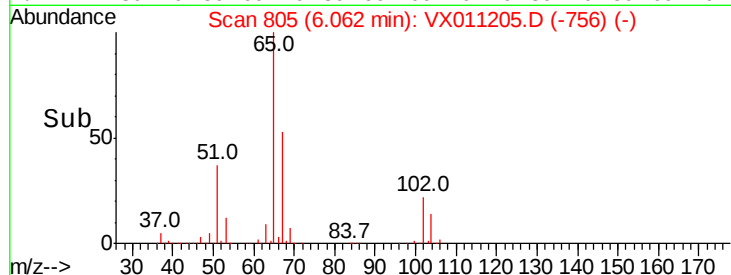
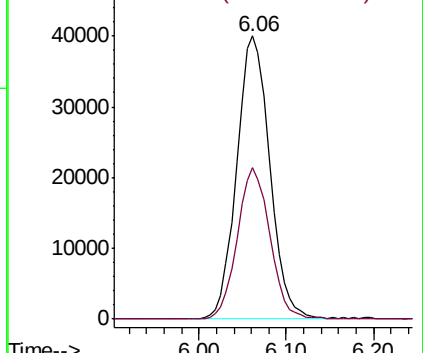
65 100

67 52.8 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX011205.D

Acq: 30 Jul 2019 19:14

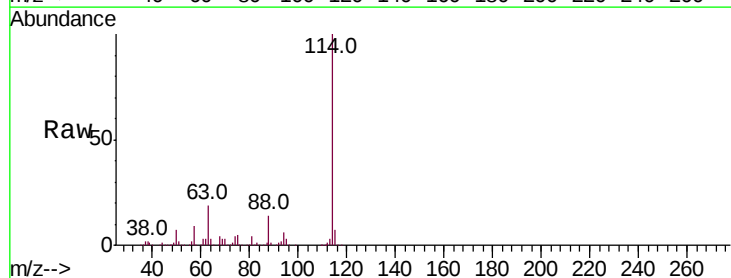
Tgt Ion: 114 Resp: 306283

Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.6

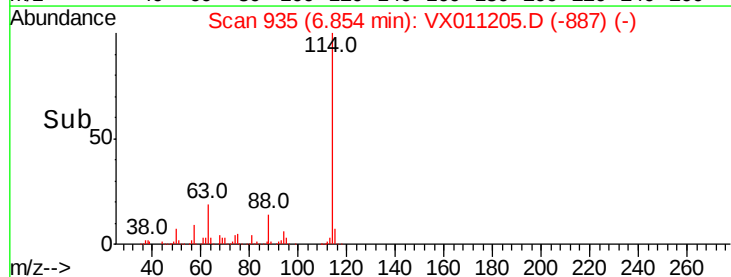
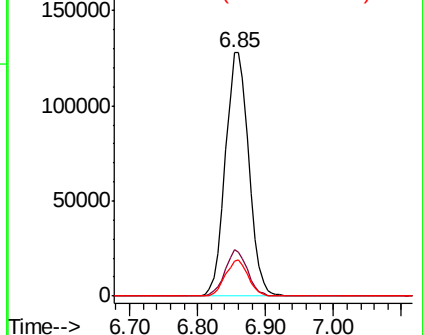
88 14.5 0.0 29.8

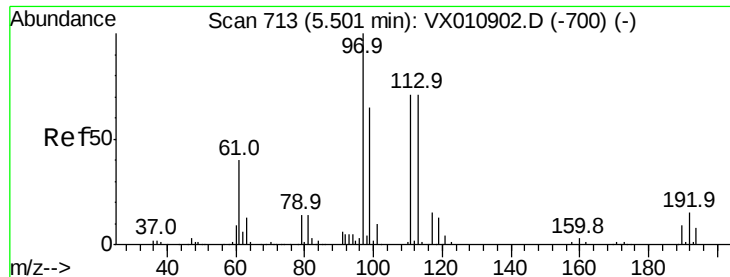


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.738 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011205.D

Acq: 30 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

Z3-0674DL

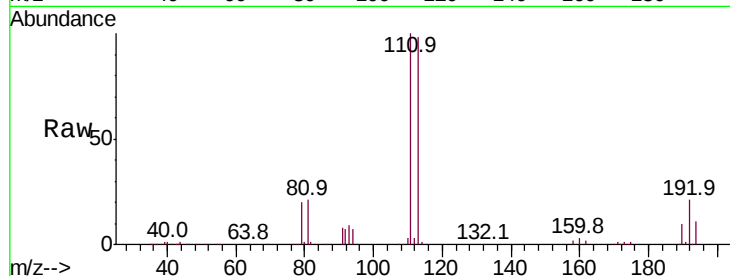
Tot Ion:113 Resp: 88916

Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

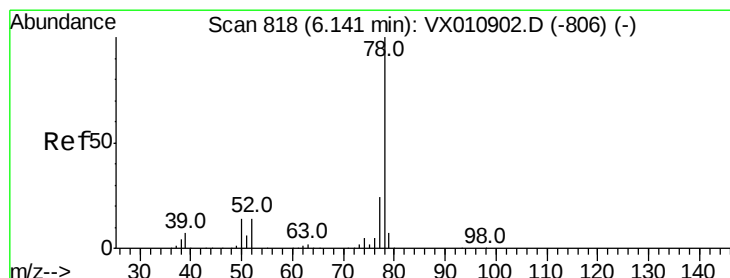
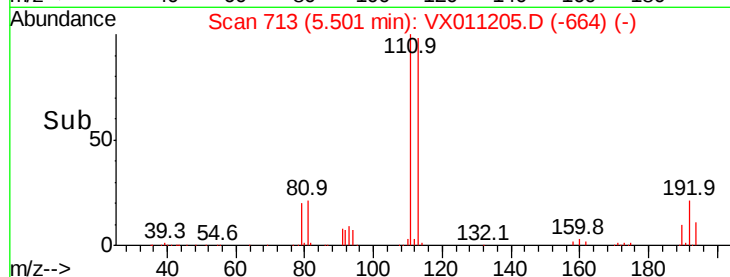
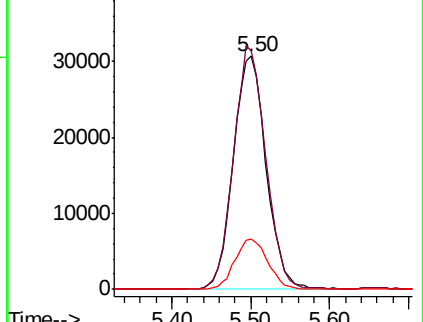
192 21.7 17.4 26.2



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



#40

Benzene

Concen: 0.379 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX011205.D

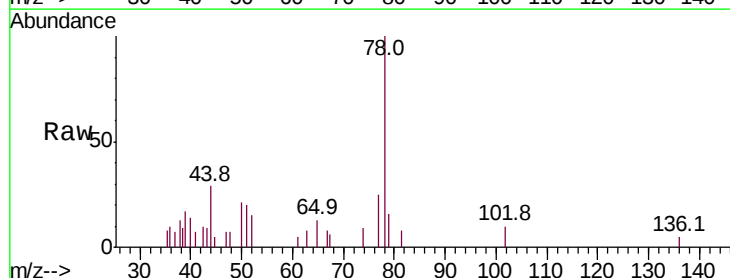
Acq: 30 Jul 2019 19:14

Tgt Ion: 78 Resp: 2924

Ion Ratio Lower Upper

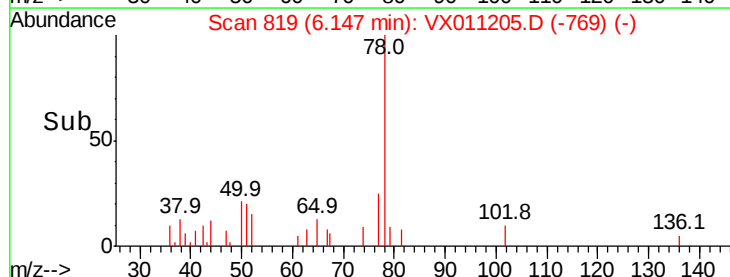
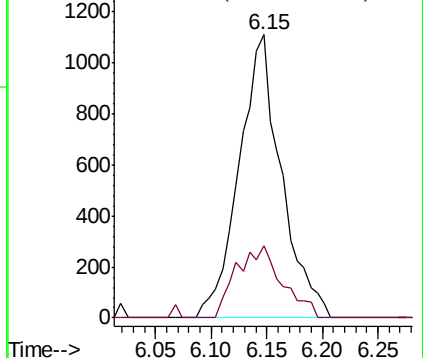
78 100

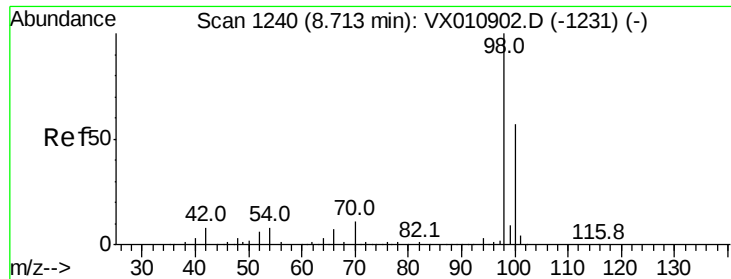
77 25.4 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

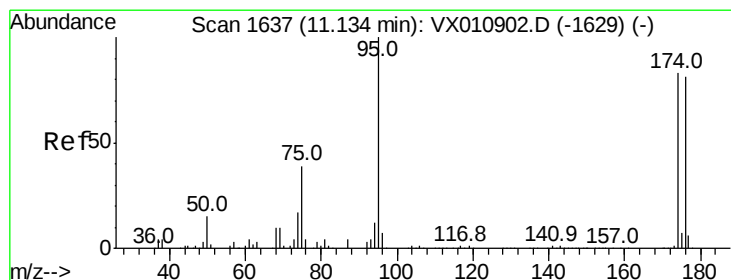
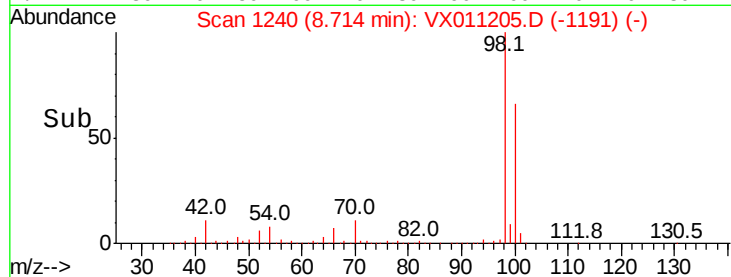
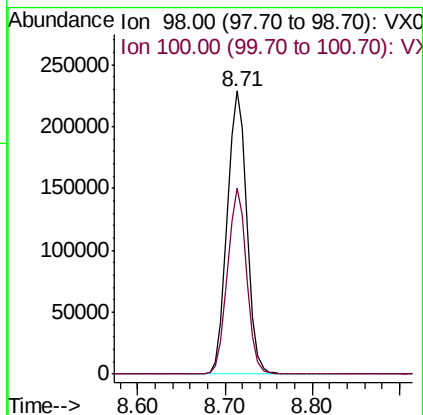
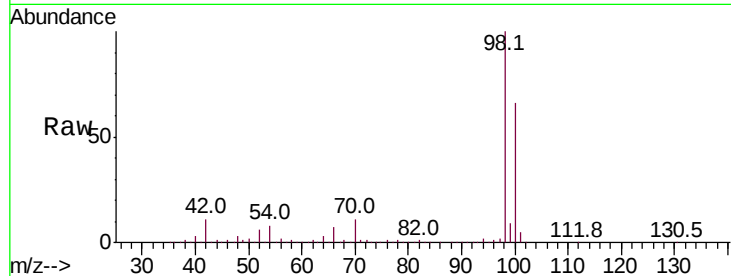




#50
Toluene-d8
Concen: 48.730 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011205.D
Acq: 30 Jul 2019 19:14

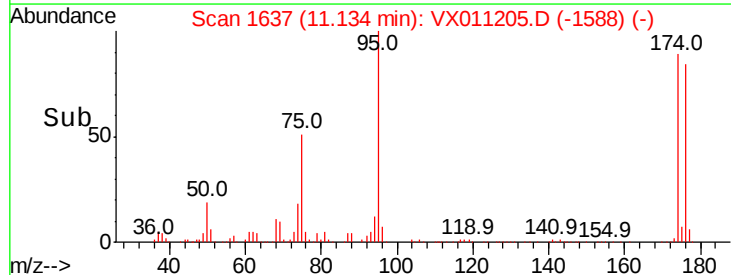
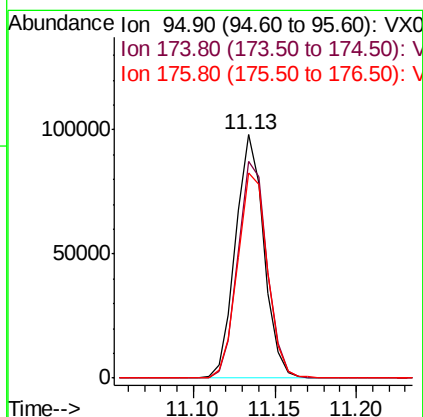
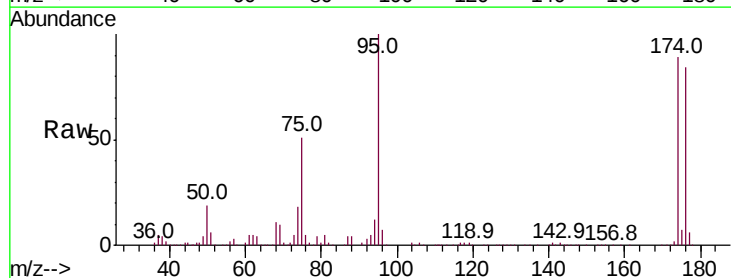
Instrument :
MSVOA_X
ClientSampleId :
Z3-0674DL

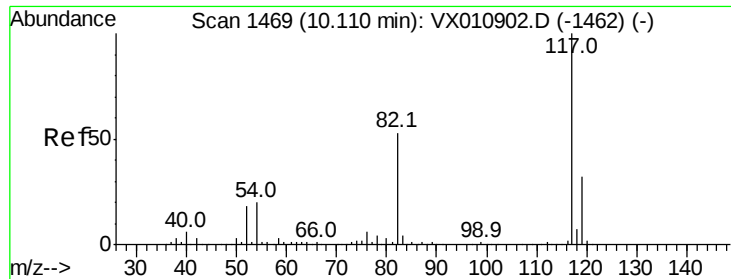
Tot Ion: 98 Resp: 355309
Ion Ratio Lower Upper
98 100
100 64.3 50.6 75.8



#62
4-Bromofluorobenzene
Concen: 44.315 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011205.D
Acq: 30 Jul 2019 19:14

Tgt Ion: 95 Resp: 118769
Ion Ratio Lower Upper
95 100
174 92.5 0.0 180.6
176 89.2 0.0 173.8

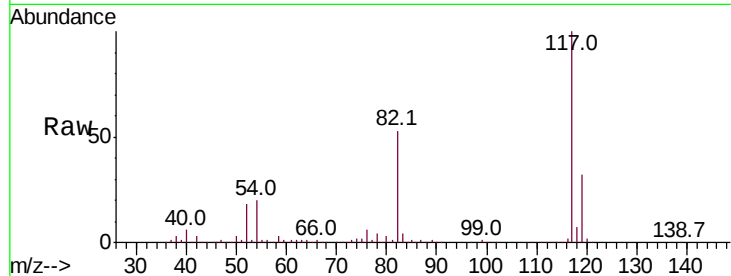




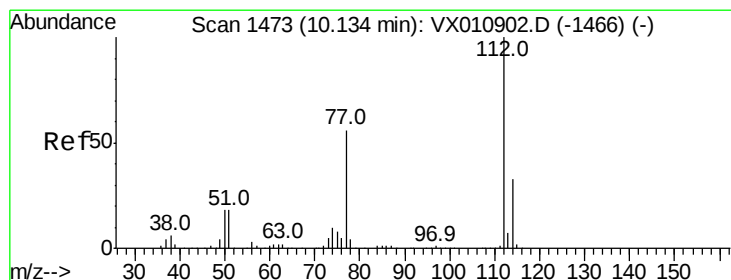
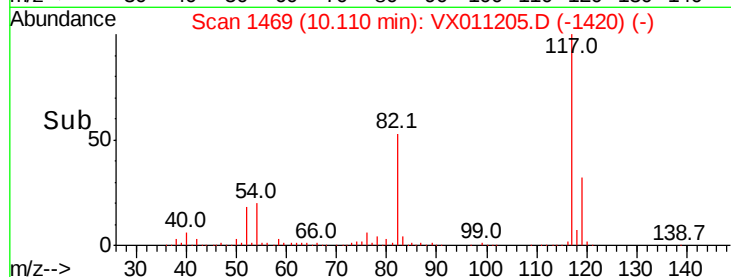
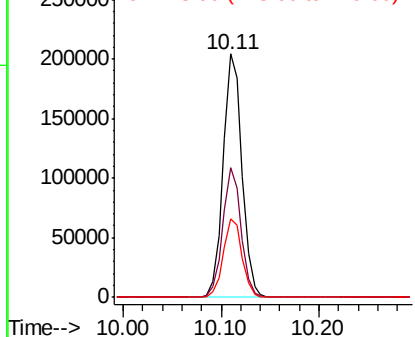
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011205.D
Acq: 30 Jul 2019 19:14

Instrument :
MSVOA_X
ClientSampled :
Z3-0674DL

Tot Ion:117 Resp: 271371
Ion Ratio Lower Upper
117 100
82 53.0 42.6 63.8
119 32.4 25.9 38.9

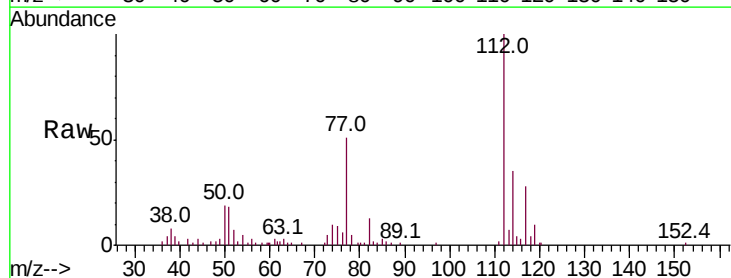


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

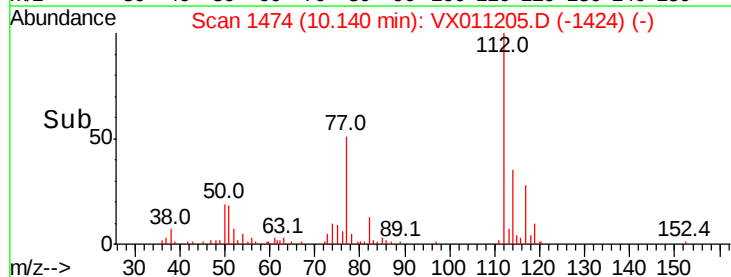
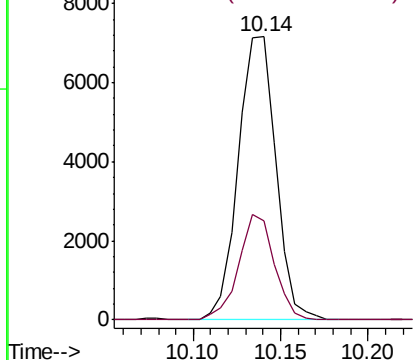


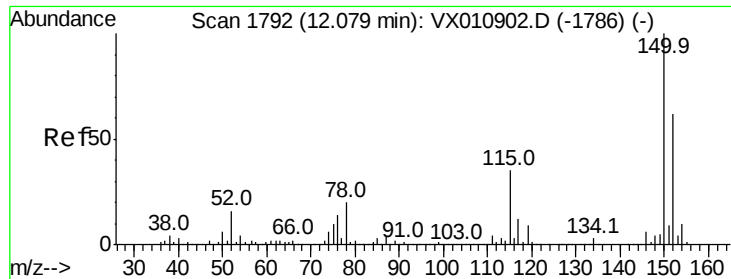
#65
Chlorobenzene
Concen: 1.933 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX011205.D
Acq: 30 Jul 2019 19:14

Tgt Ion:112 Resp: 10774
Ion Ratio Lower Upper
112 100
114 35.0 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX011205.D
 Acq: 30 Jul 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0674DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.7	39.7	119.1
150	159.0	0.0	345.6

