

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032419\
 Data File : VX008397.D
 Acq On : 24 Mar 2019 17:15
 Operator : JC/SP
 Sample : K1969-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW301I-20190316

Quant Time: Mar 25 05:47:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	216305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	370675	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	311942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128065	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	159862	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
35) Dibromofluoromethane	5.50	113	116647	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
50) Toluene-d8	8.71	98	461557	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.13	95	152855	43.83	ug/l	0.00
Spiked Amount			Recovery	=	87.66%	

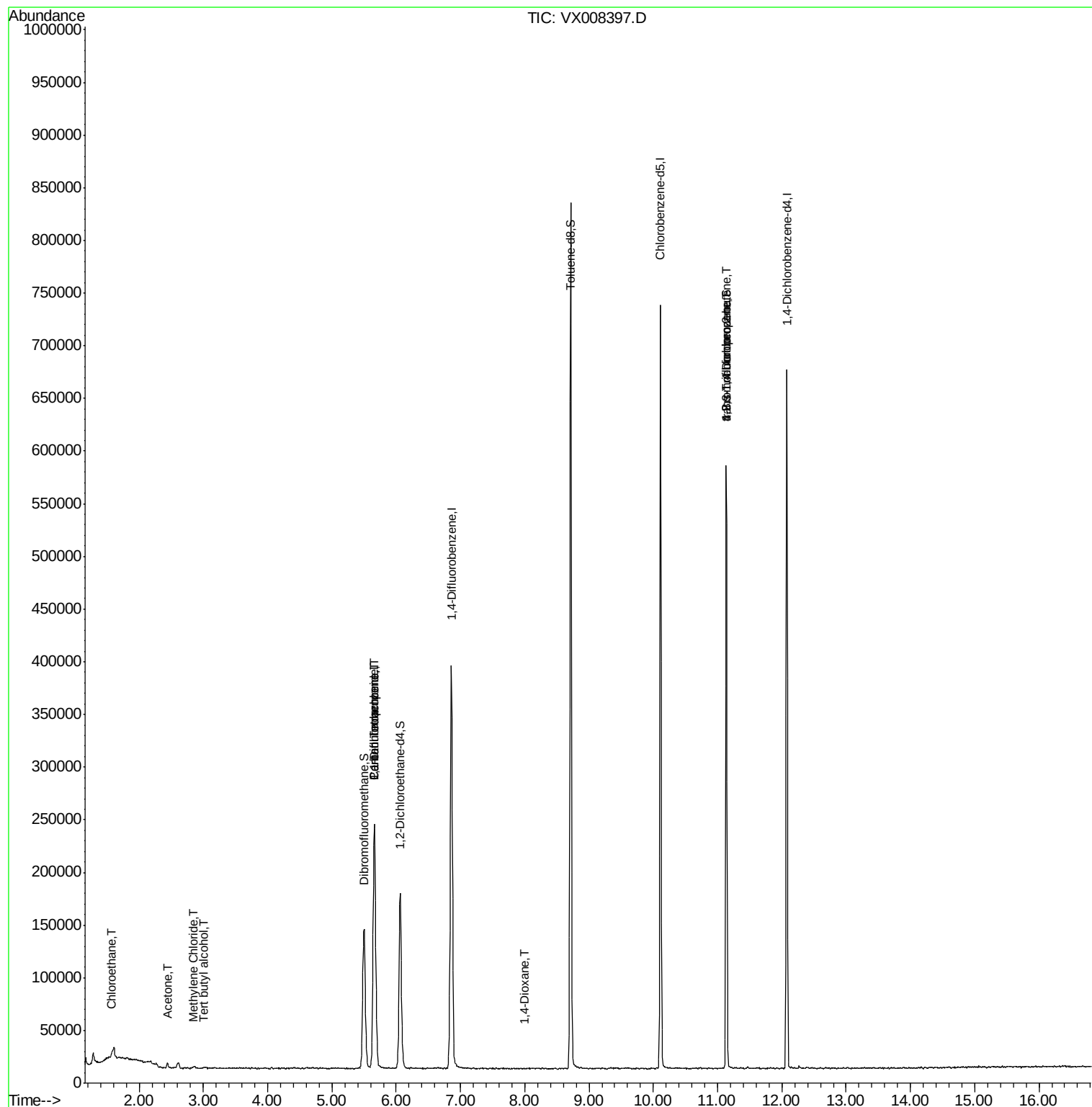
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.56	64	14719	7.094	ug/l #	54
11) Tert butyl alcohol	3.01	59	1105	1.504	ug/l #	77
16) Acetone	2.44	43	4362	2.645	ug/l	99
20) Methylene Chloride	2.85	84	651	0.219	ug/l	87
36) 1,1-Dichloropropene	5.67	75	18791	4.961	ug/l #	45
38) Carbon Tetrachloride	5.66	117	22160	6.825	ug/l #	18
49) 1,4-Dioxane	8.00	88	21	0.258	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	80134	23.906	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	80134	68.125	ug/l #	12

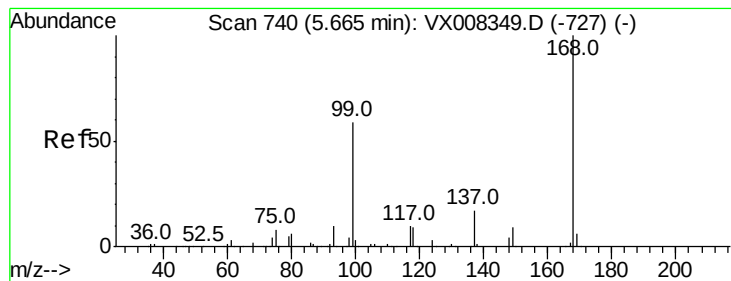
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008397.D

Acq: 24 Mar 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

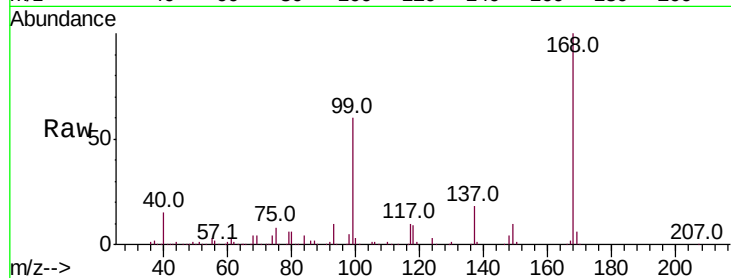
BPS1-TT-MW301I-20190316

Tot Ion:168 Resp: 216305

Ion Ratio Lower Upper

168 100

99 60.2 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

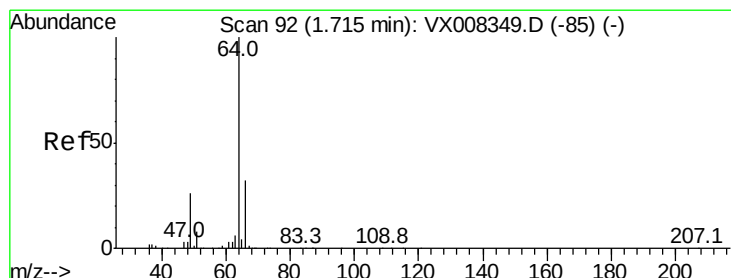
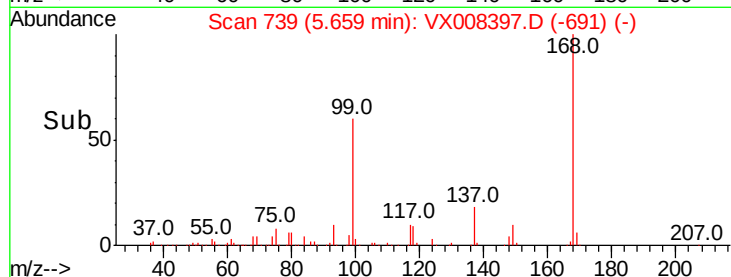
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 7.094 ug/l

RT: 1.56 min Scan# 67

Delta R.T. -0.15 min

Lab File: VX008397.D

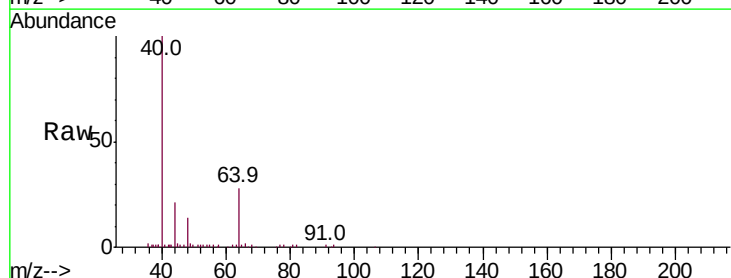
Acq: 24 Mar 2019 17:15

Tgt Ion: 64 Resp: 14719

Ion Ratio Lower Upper

64 100

66 6.2 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.56

4000

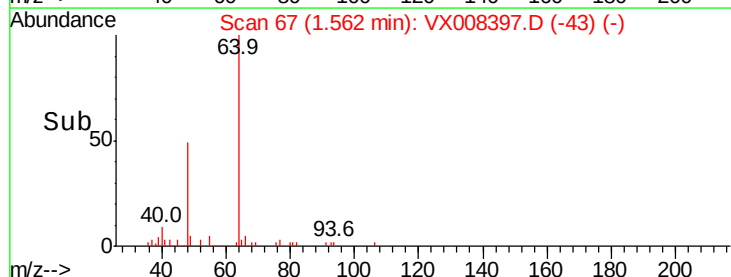
3000

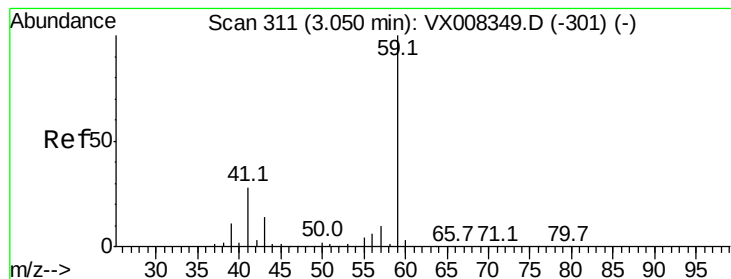
2000

1000

0

Time--> 1.40 1.50 1.60





#11

Tert butyl alcohol

Concen: 1.504 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.04 min

Lab File: VX008397.D

Acq: 24 Mar 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

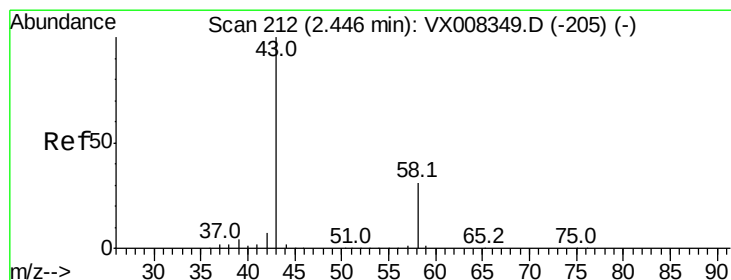
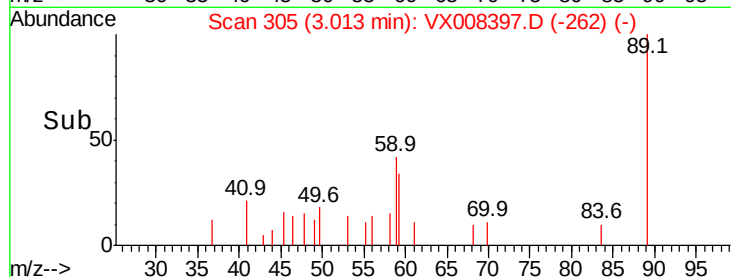
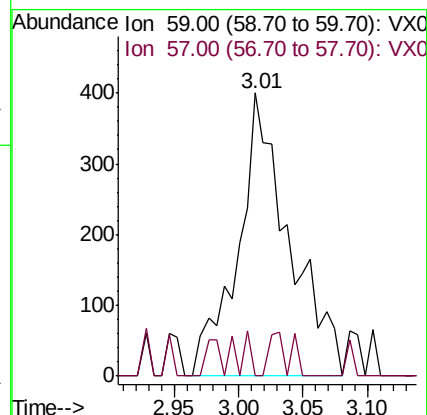
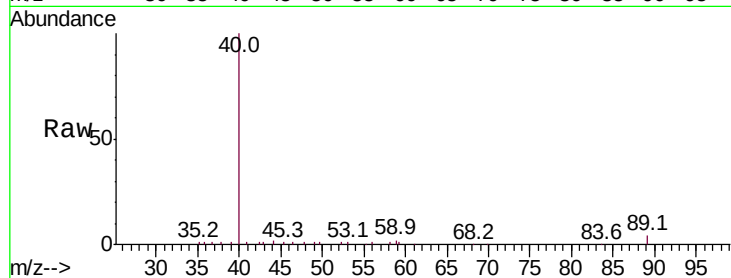
BPS1-TT-MW301I-20190316

Tot Ion: 59 Resp: 1105

Ion Ratio Lower Upper

59 100

57 1.8 8.2 12.2#



#16

Acetone

Concen: 2.645 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008397.D

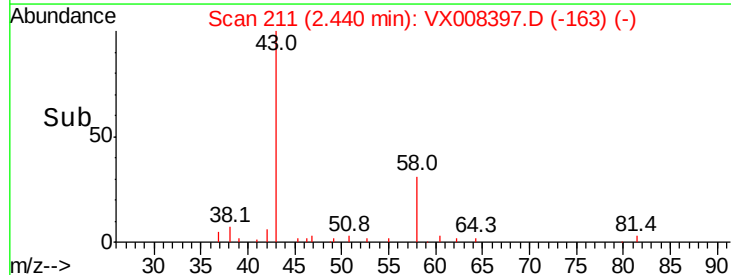
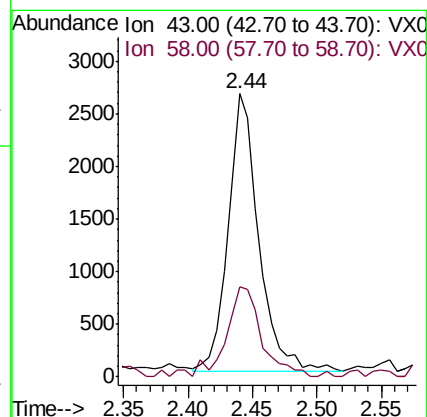
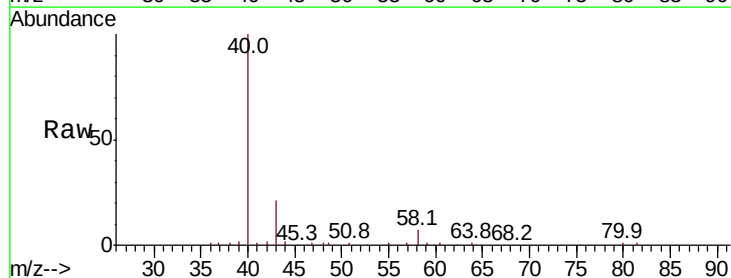
Acq: 24 Mar 2019 17:15

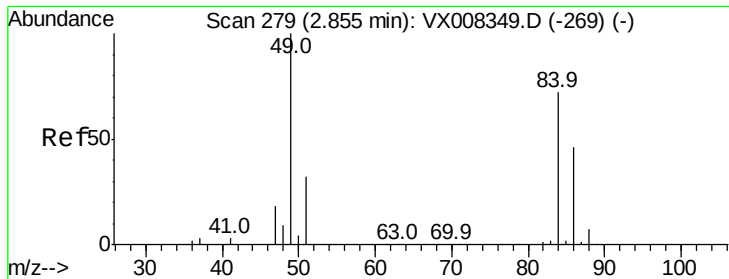
Tgt Ion: 43 Resp: 4362

Ion Ratio Lower Upper

43 100

58 32.4 25.5 38.3

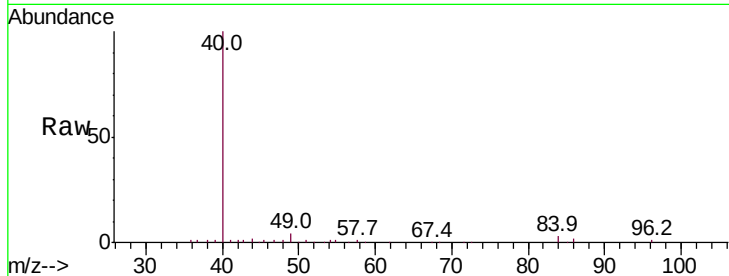




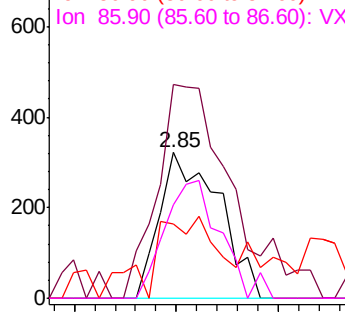
#20
Methylene Chloride
Concen: 0.219 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX008397.D
Acq: 24 Mar 2019 17:15

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW301I-20190316

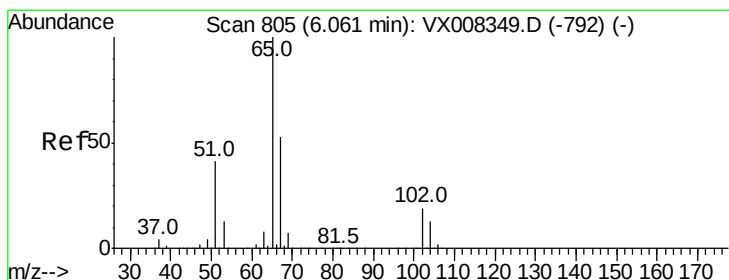
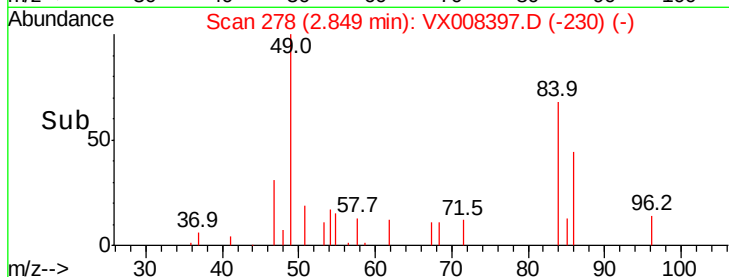
Tot Ion:	84	Resp:	651
Ion	Ratio	Lower	Upper
84	100		
49	146.6	99.3	148.9
51	32.9	31.3	46.9
86	64.6	52.6	79.0



Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

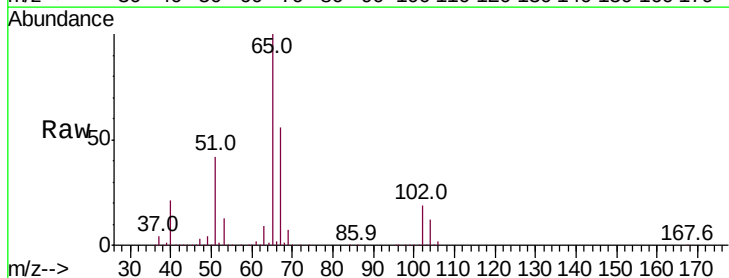


Time-->

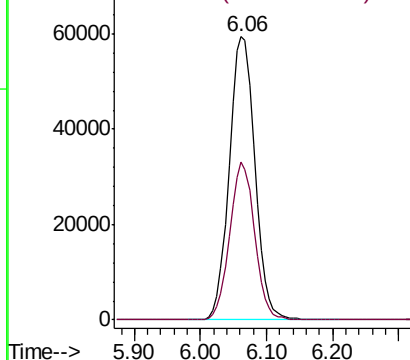


#33
1,2-Dichloroethane-d4
Concen: 48.456 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX008397.D
Acq: 24 Mar 2019 17:15

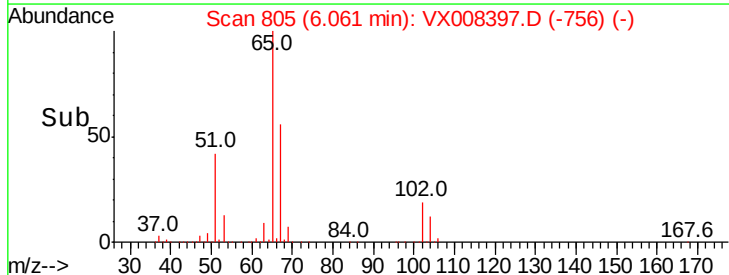
Tgt Ion:	65	Resp:	159862
Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	110.0

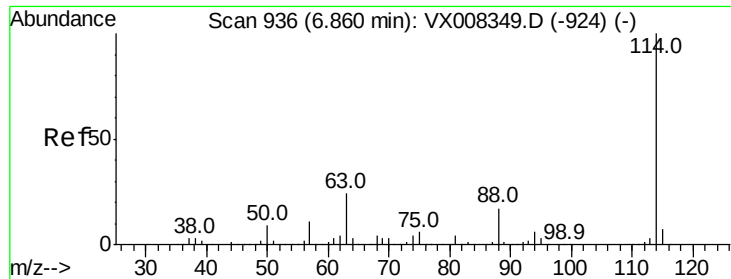


Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0



Time-->

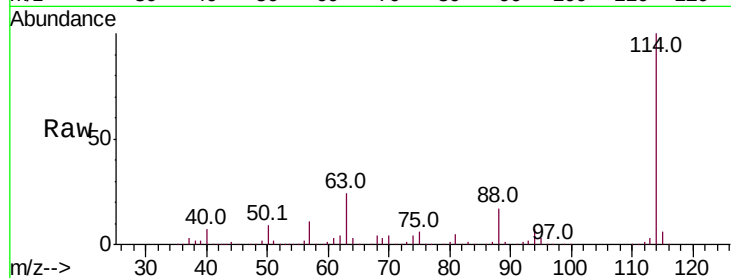




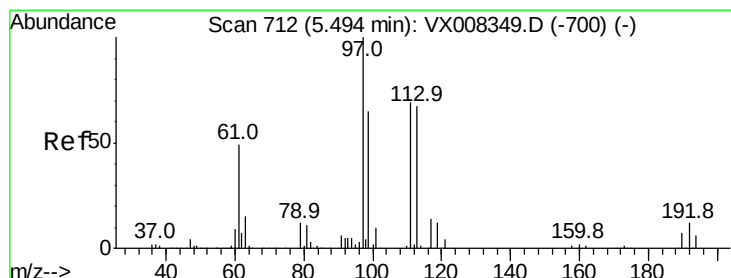
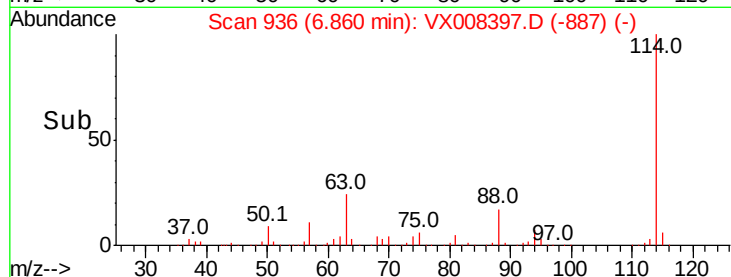
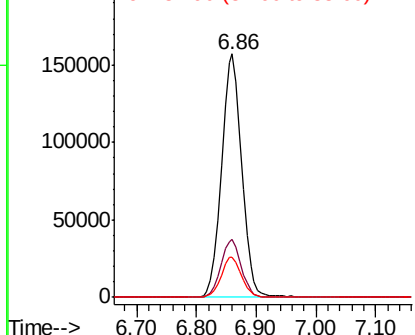
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008397.D
 Acq: 24 Mar 2019 17:15

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW301I-20190316

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	39.8
88	16.6	0.0	31.4

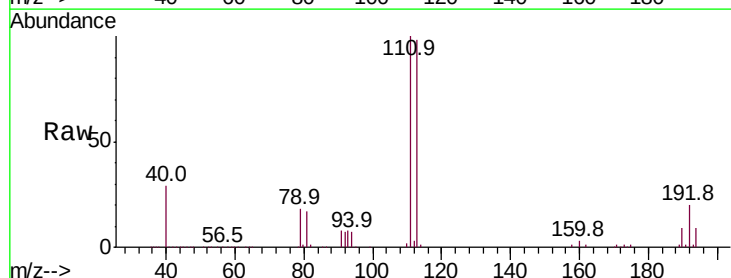


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

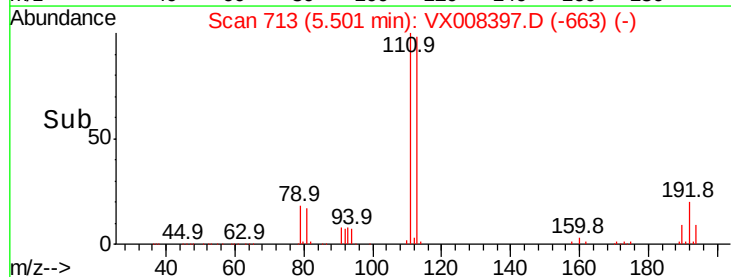
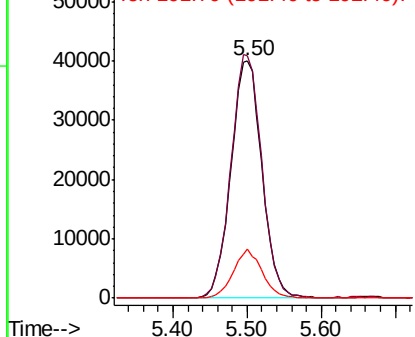


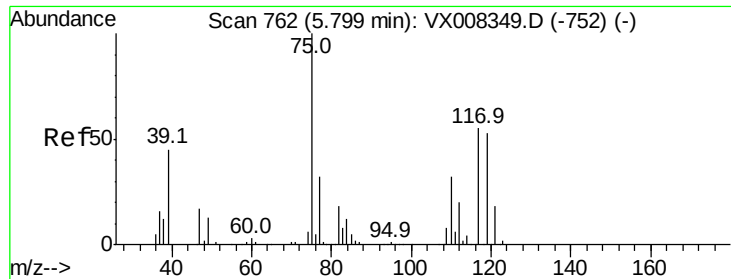
#35
 Dibromofluoromethane
 Concen: 48.571 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX008397.D
 Acq: 24 Mar 2019 17:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.0
192	19.1	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

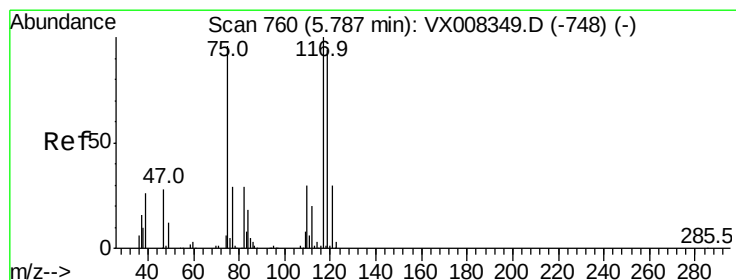
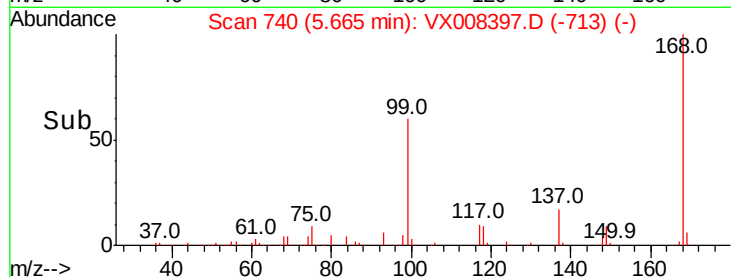
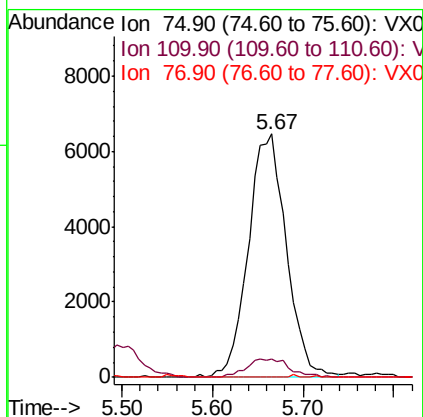
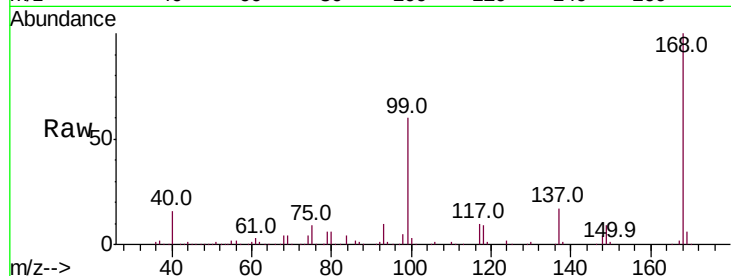




#36
 1,1-Dichloropropene
 Concen: 4.961 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX008397.D
 Acq: 24 Mar 2019 17:15

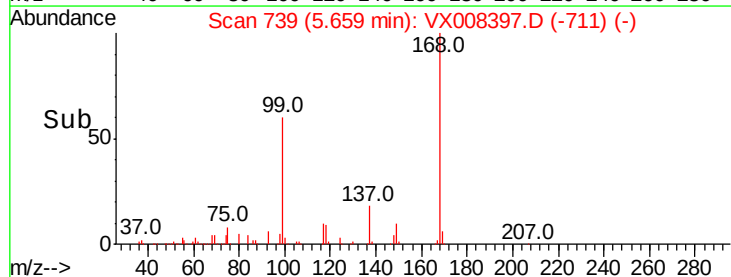
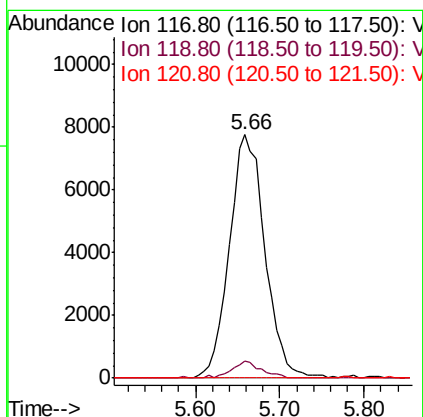
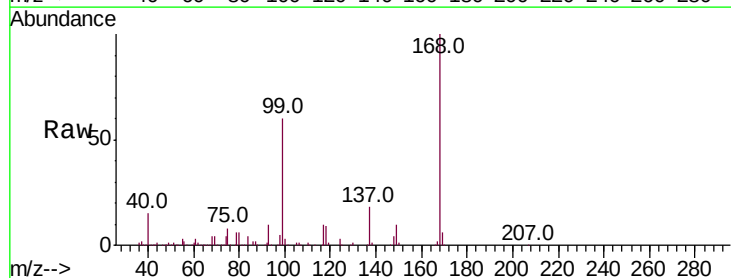
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW301I-20190316

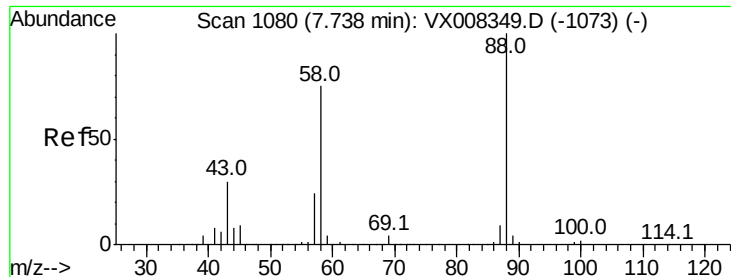
Tot Ion	Ratio	Lower	Upper
75	100		
110	4.4	18.4	55.0#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.825 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX008397.D
 Acq: 24 Mar 2019 17:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.1	76.2	114.2#
121	0.0	24.6	36.8#





#49

1,4-Dioxane

Concen: 0.258 ug/l

RT: 8.00 min Scan# 1123

Delta R.T. 0.26 min

Lab File: VX008397.D

Acq: 24 Mar 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW301I-20190316

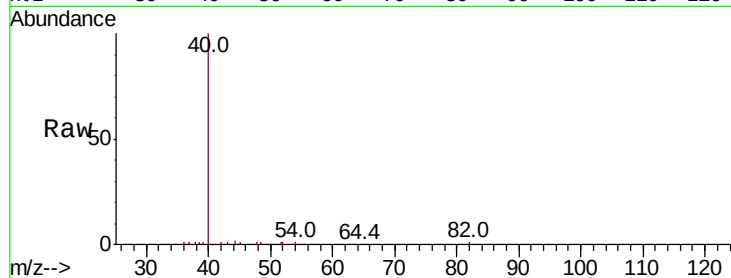
Tot Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 47.6 25.1 37.7#

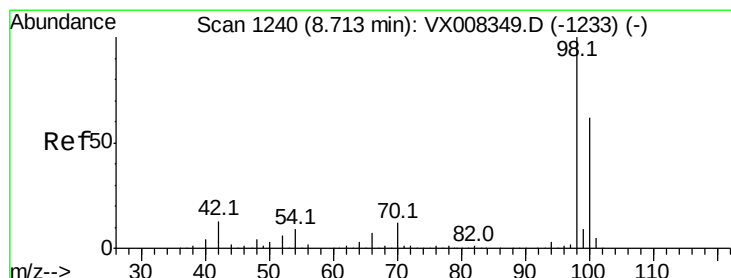
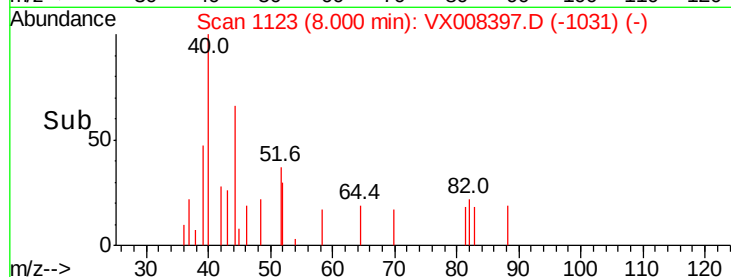
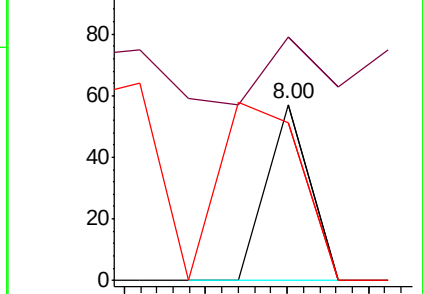
58 190.5 57.8 86.6#



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: 48.590 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008397.D

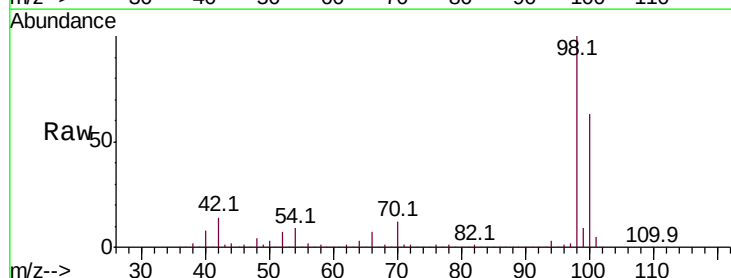
Acq: 24 Mar 2019 17:15

Tgt Ion: 98 Resp: 461557

Ion Ratio Lower Upper

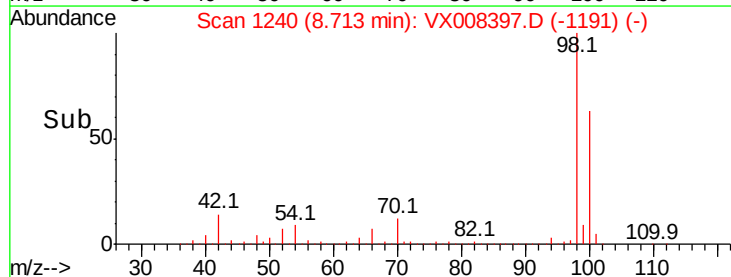
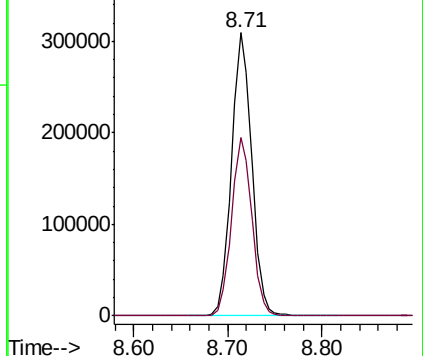
98 100

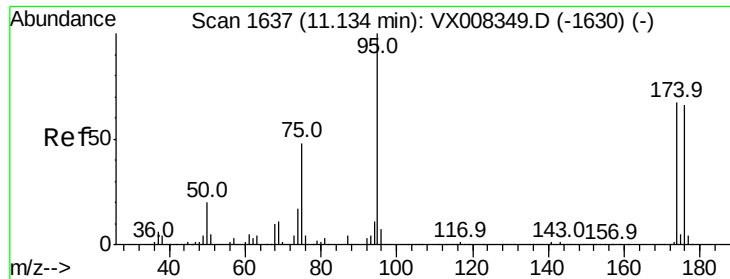
100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

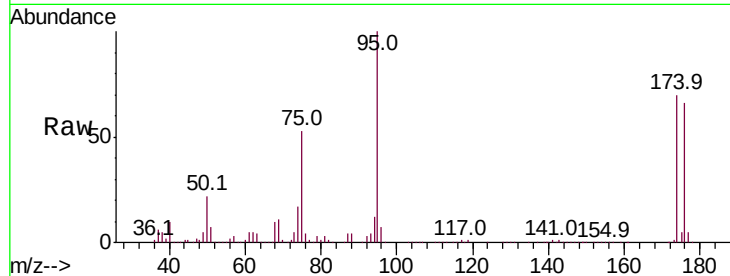




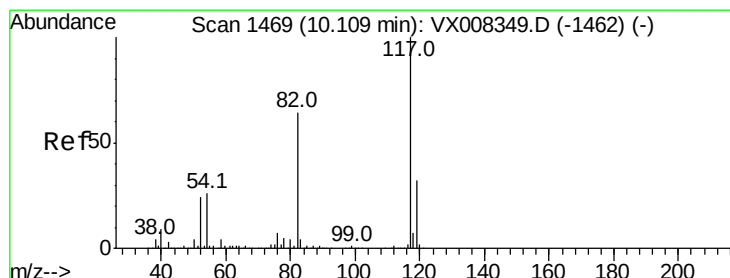
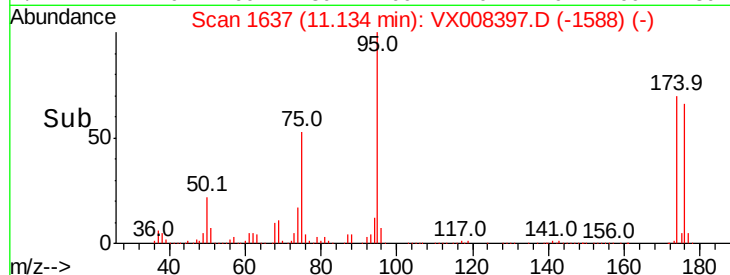
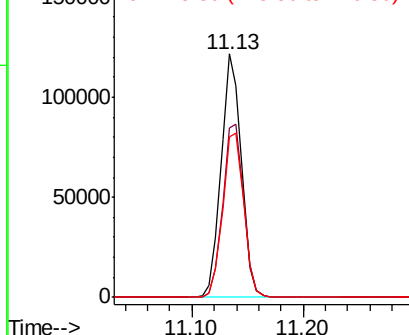
#62
4-Bromofluorobenzene
Concen: 43.828 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008397.D
Acq: 24 Mar 2019 17:15

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW301I-20190316

Tot Ion: 95 Resp: 152855
Ion Ratio Lower Upper
95 100
174 73.6 0.0 182.8
176 70.2 0.0 178.0

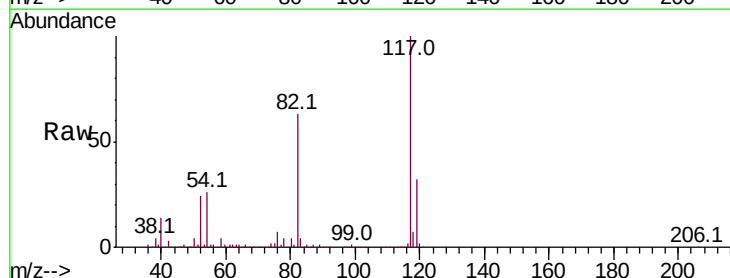


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

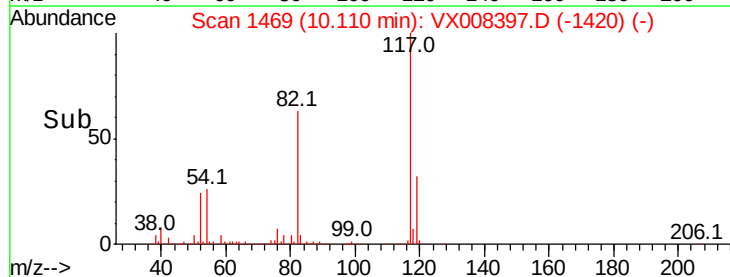
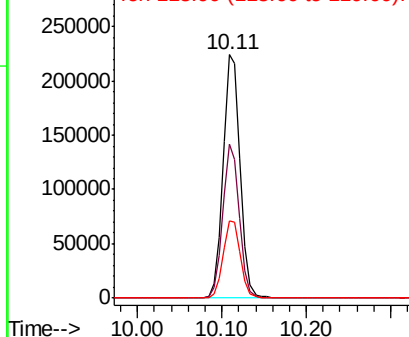


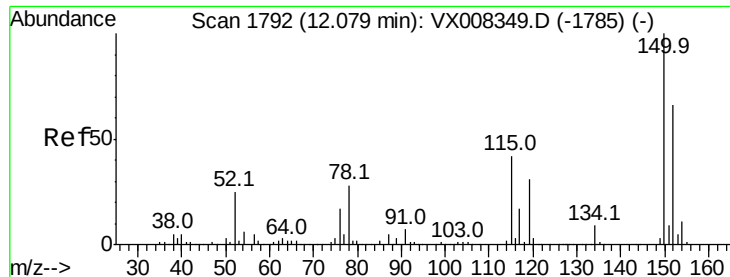
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008397.D
Acq: 24 Mar 2019 17:15

Tgt Ion: 117 Resp: 311942
Ion Ratio Lower Upper
117 100
82 63.2 44.3 66.5
119 31.9 25.3 37.9



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

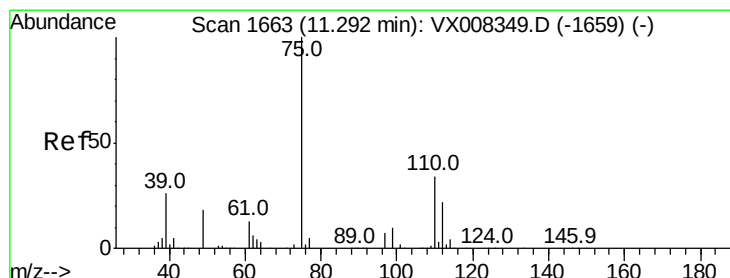
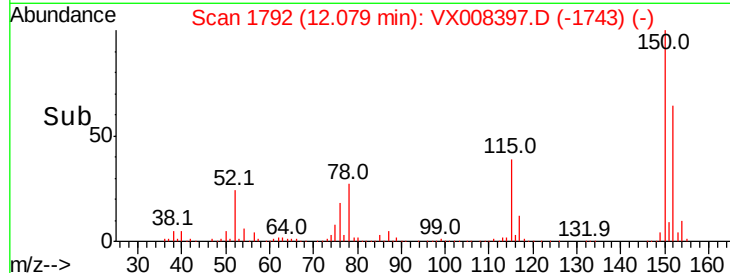
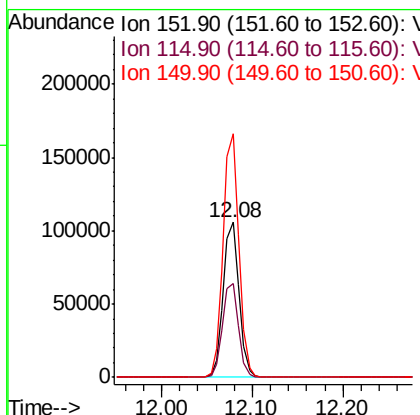
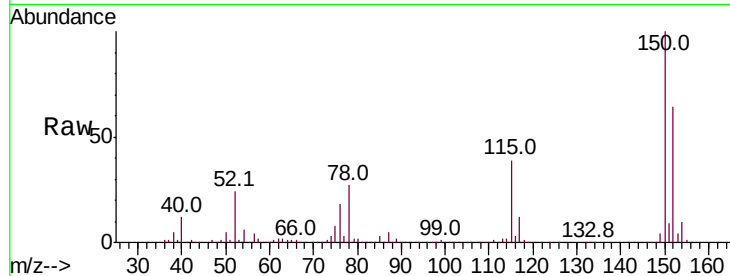




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX008397.D
 Acq: 24 Mar 2019 17:15

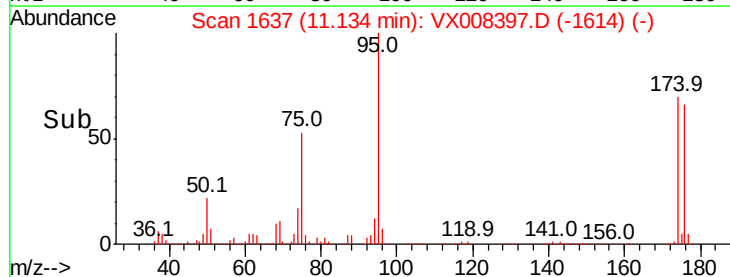
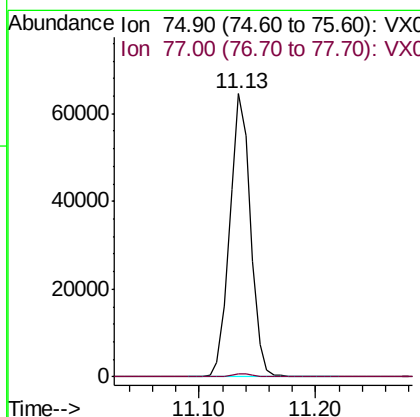
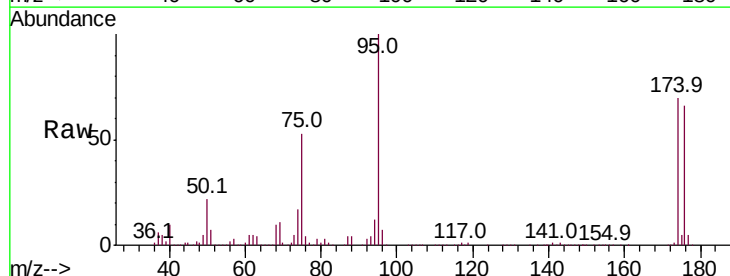
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW301I-20190316

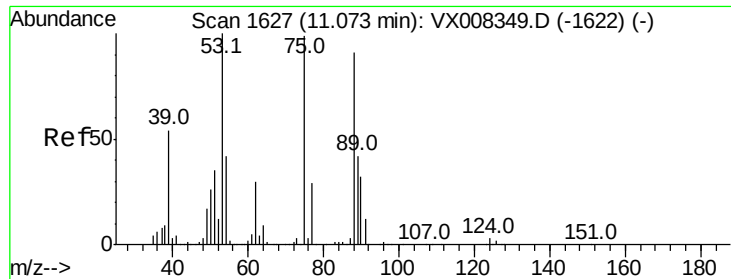
Tot Ion:152 Resp: 128065
 Ion Ratio Lower Upper
 152 100
 115 61.6 38.6 115.7
 150 157.1 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 23.906 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX008397.D
 Acq: 24 Mar 2019 17:15

Tgt Ion: 75 Resp: 80134
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.9 56.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 68.125 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008397.D

Acq: 24 Mar 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW301I-20190316

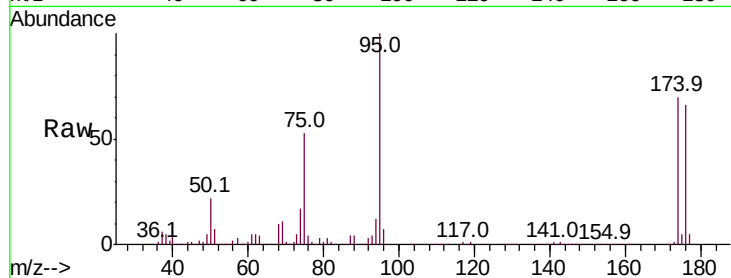
Tot Ion: 75 Resp: 80134

Ion Ratio Lower Upper

75 100

53 0.4 76.1 114.1#

89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

