

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110518\
 Data File : VX005793.D
 Acq On : 05 Nov 2018 21:50
 Operator : JC/MD
 Sample : J5816-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9-S

Quant Time: Nov 06 02:54:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

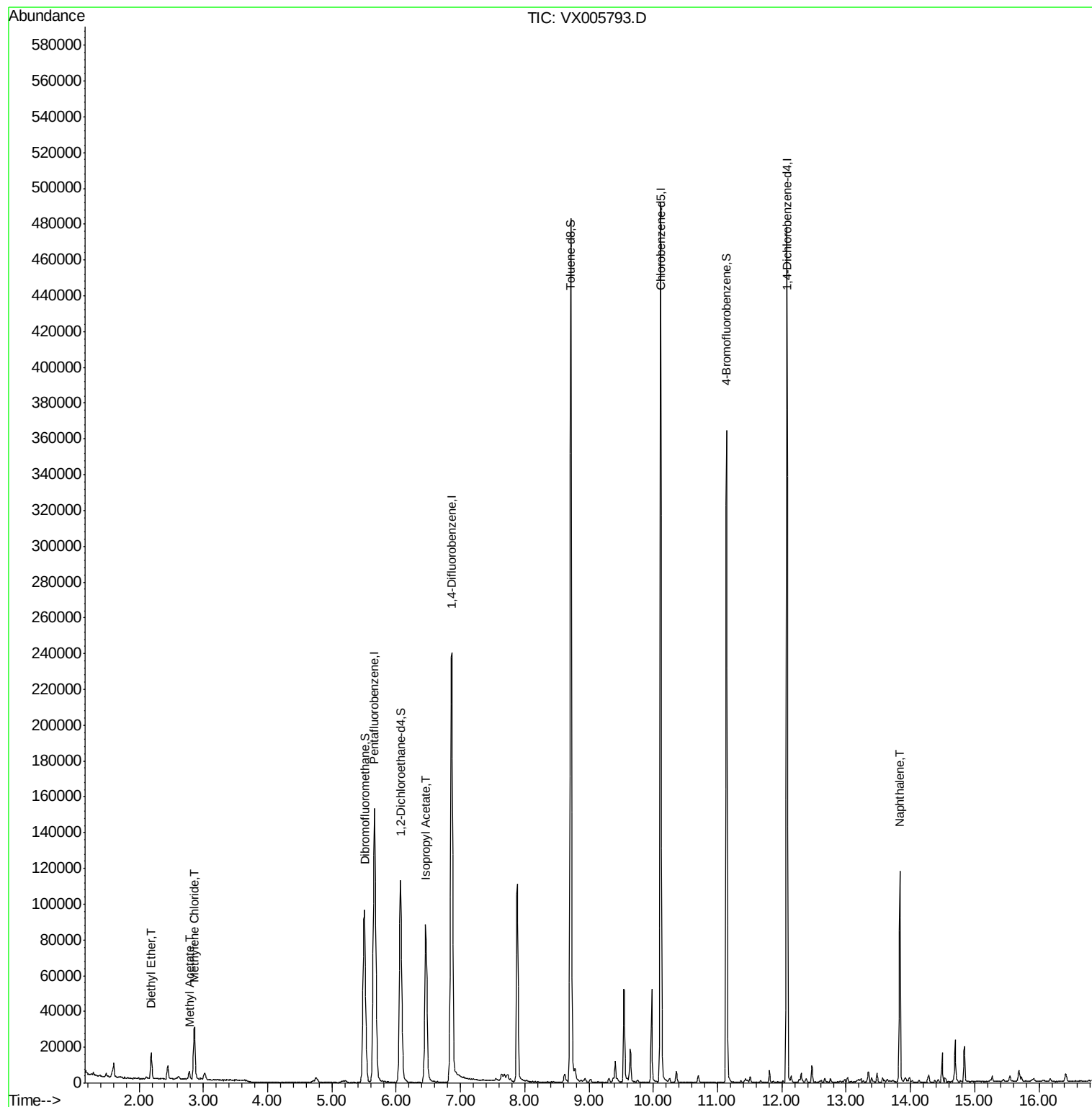
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	141284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	236243	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	212632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	91805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	111437	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
35) Dibromofluoromethane	5.51	113	83364	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
50) Toluene-d8	8.71	98	292950	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.14	95	92515	43.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.38%	
Target Compounds						
8) Diethyl Ether	2.19	74	4541	3.930	ug/l	99
18) Methyl Acetate	2.78	43	5407	1.824	ug/l	94
20) Methylene Chloride	2.86	84	12697	7.128	ug/l	96
43) Isopropyl Acetate	6.46	43	112964	24.238	ug/l	98
95) Naphthalene	13.83	128	68309	10.670	ug/l	99

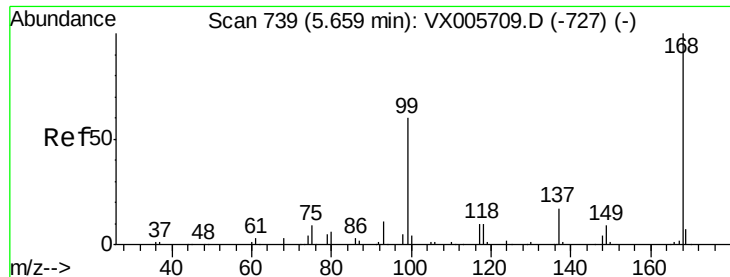
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
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: VX005793.D

Acq: 05 Nov 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

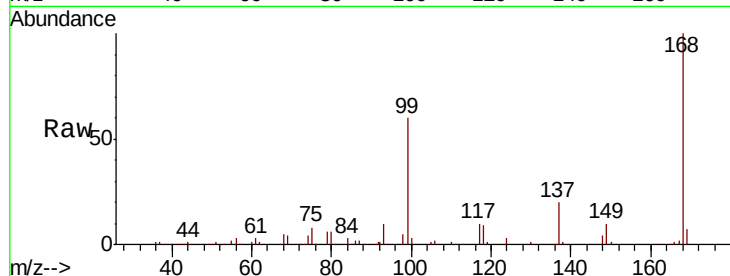
TP-9-S

Tot Ion:168 Resp: 141284

Ion Ratio Lower Upper

168 100

99 60.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

50000

40000

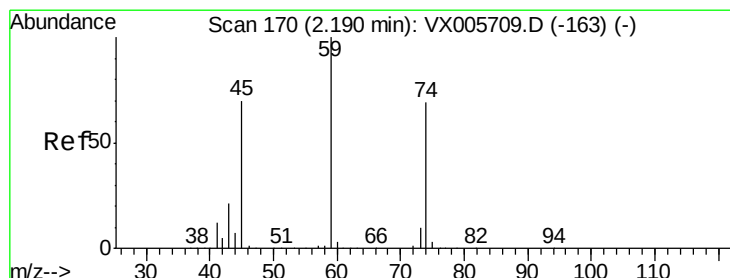
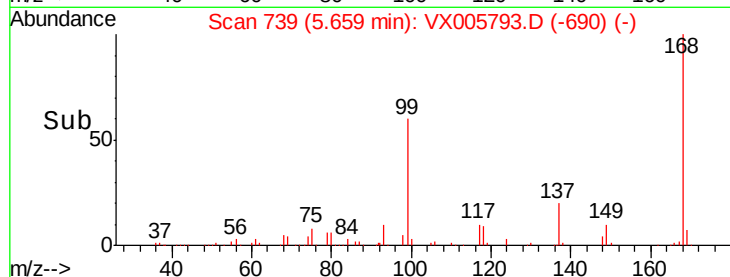
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 3.930 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX005793.D

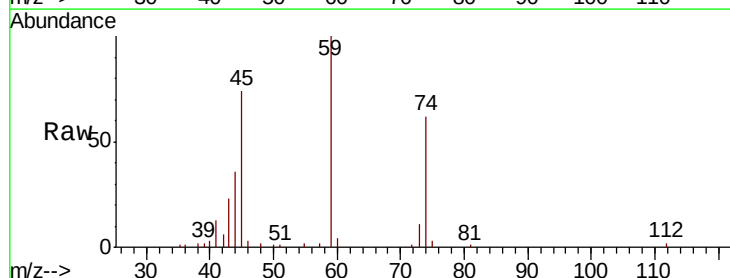
Acq: 05 Nov 2018 21:50

Tgt Ion: 74 Resp: 4541

Ion Ratio Lower Upper

74 100

45 109.6 54.1 162.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

4000

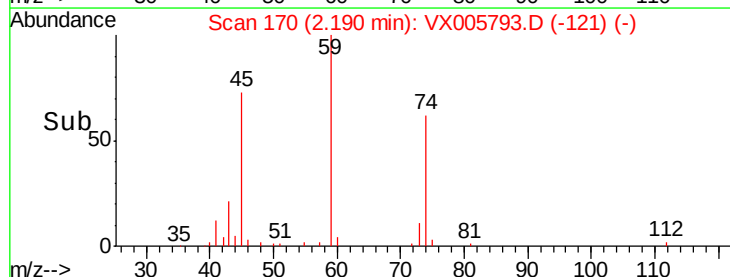
3000

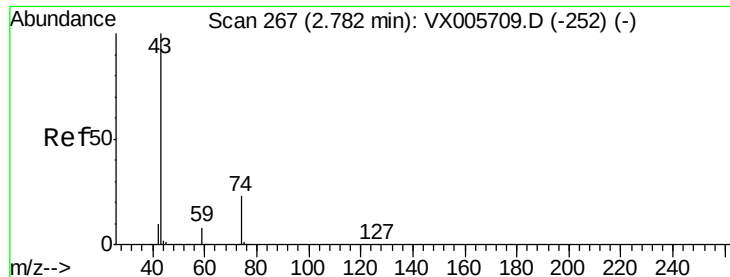
2000

1000

0

Time--> 2.15 2.20 2.25

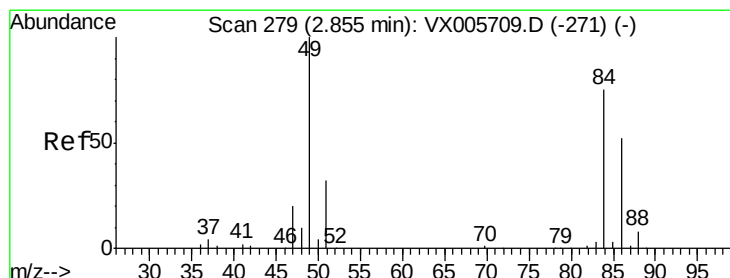
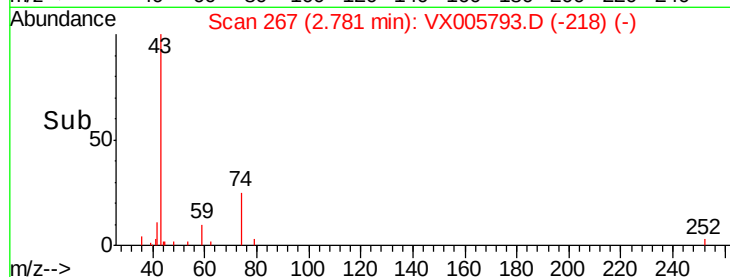
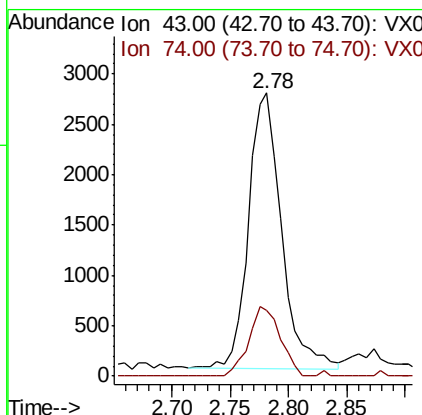
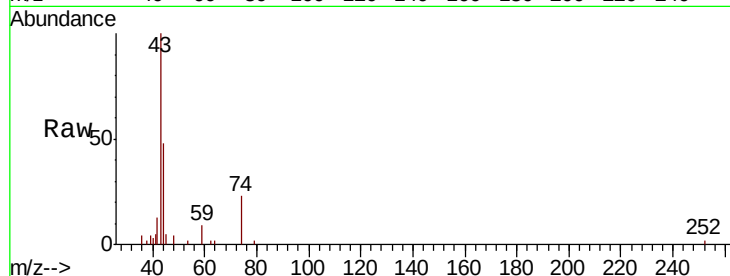




#18
Methvl Acetate
Concen: 1.824 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

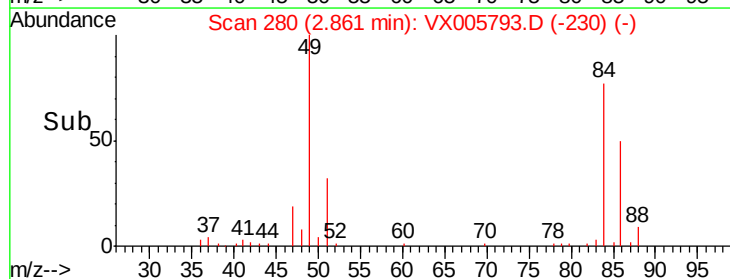
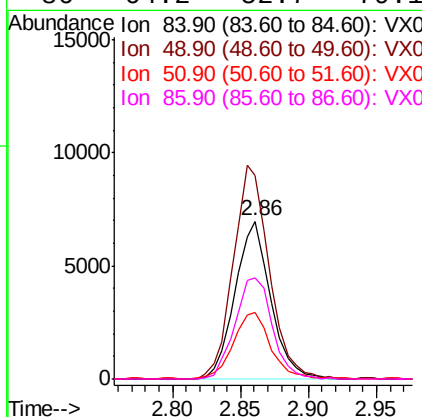
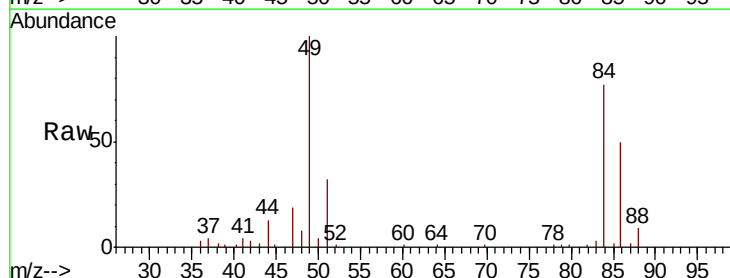
Instrument :
MSVOA_X
ClientSampleId :
TP-9-S

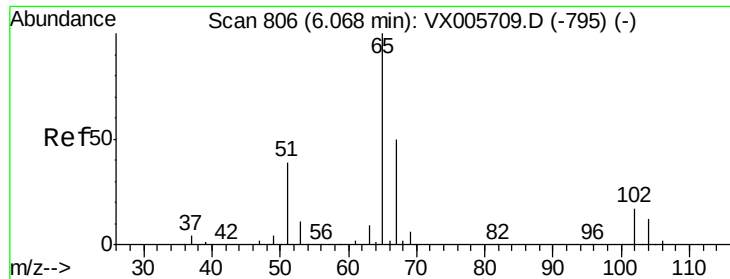
Tot Ion: 43 Resp: 5407
Ion Ratio Lower Upper
43 100
74 24.0 16.8 25.2



#20
Methylene Chloride
Concen: 7.128 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Tgt Ion: 84 Resp: 12697
Ion Ratio Lower Upper
84 100
49 129.1 109.5 164.3
51 41.9 33.3 49.9
86 64.2 52.7 79.1

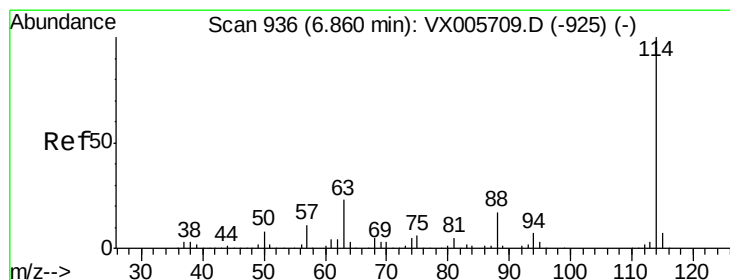
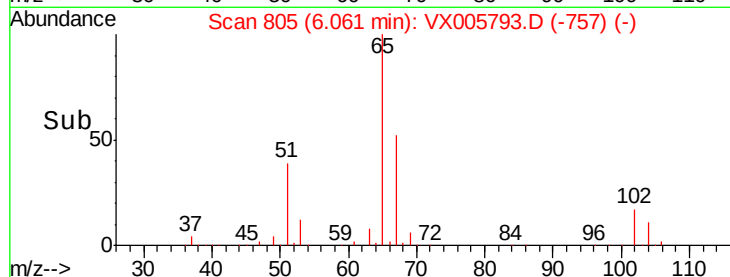
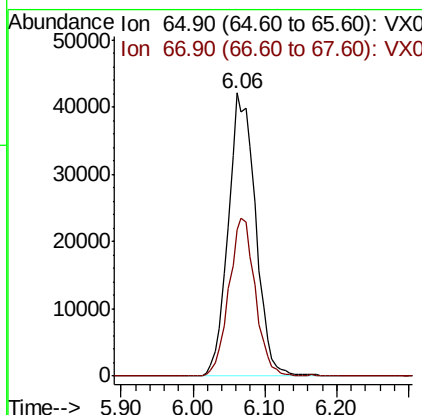
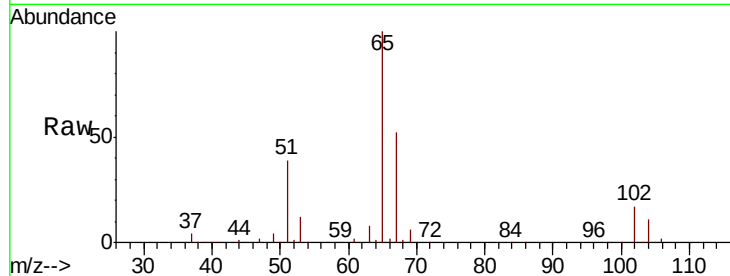




#33
 1,2-Dichloroethane-d4
 Concen: 53.949 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005793.D
 Acq: 05 Nov 2018 21:50

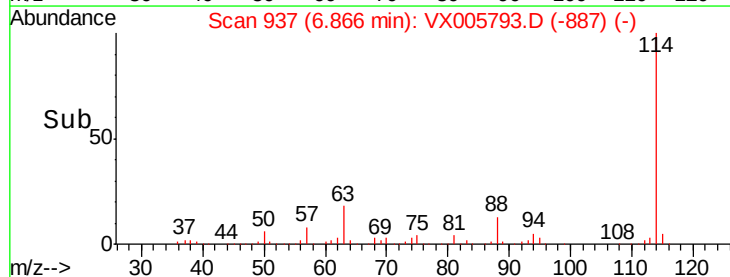
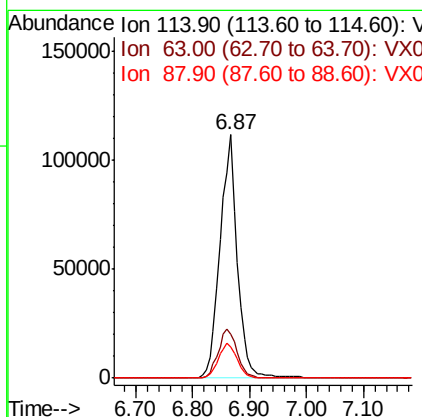
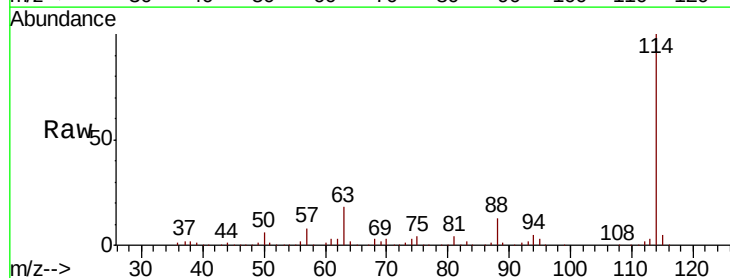
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9-S

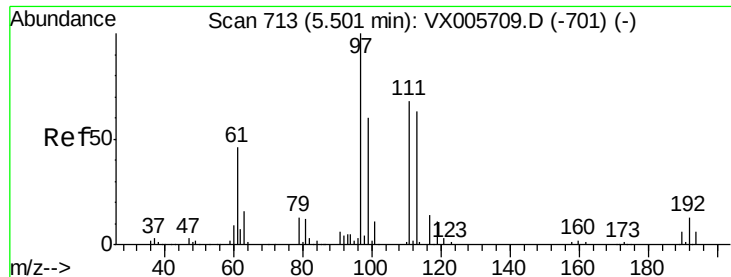
Tot Ion: 65 Resp: 111437
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005793.D
 Acq: 05 Nov 2018 21:50

Tgt Ion: 114 Resp: 236243
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 42.8
 88 13.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.963 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005793.D

Acq: 05 Nov 2018 21:50

Instrument :

MSVOA_X

ClientSampled :

TP-9-S

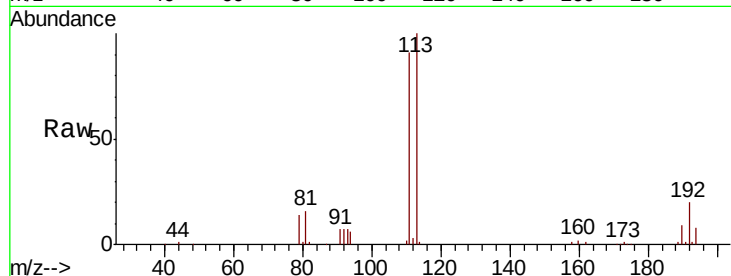
Tot Ion:113 Resp: 83364

Ion Ratio Lower Upper

113 100

111 99.9 82.3 123.5

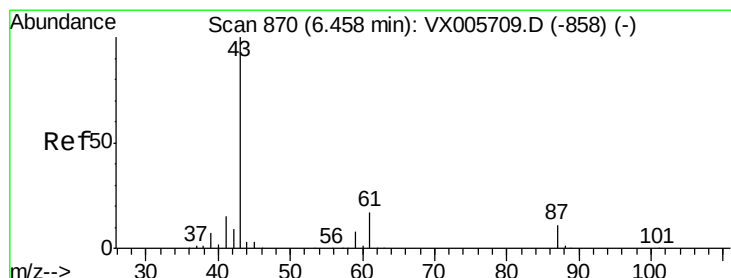
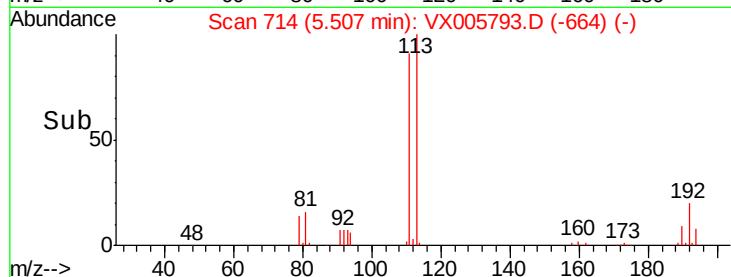
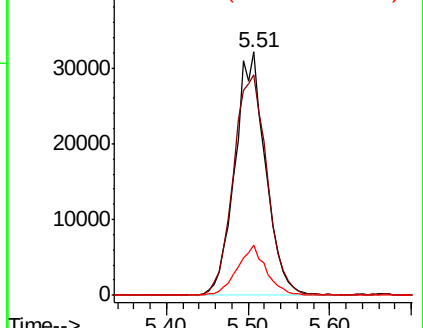
192 19.4 17.9 26.9



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



#43

Isopropyl Acetate

Concen: 24.238 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005793.D

Acq: 05 Nov 2018 21:50

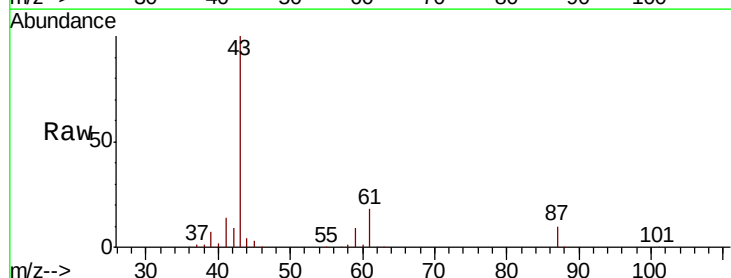
Tgt Ion: 43 Resp: 112964

Ion Ratio Lower Upper

43 100

61 19.1 14.6 22.0

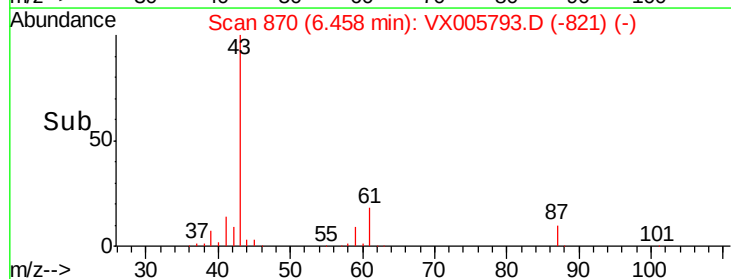
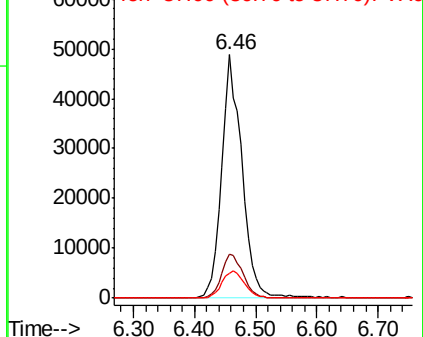
87 12.4 9.6 14.4

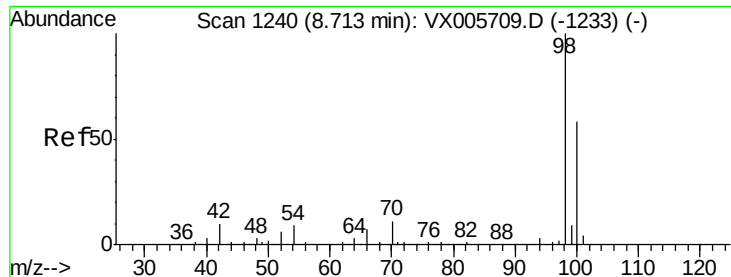


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

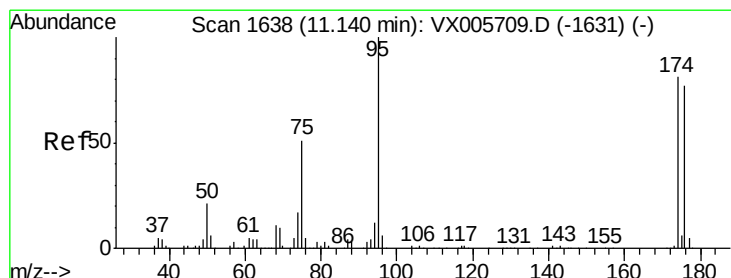
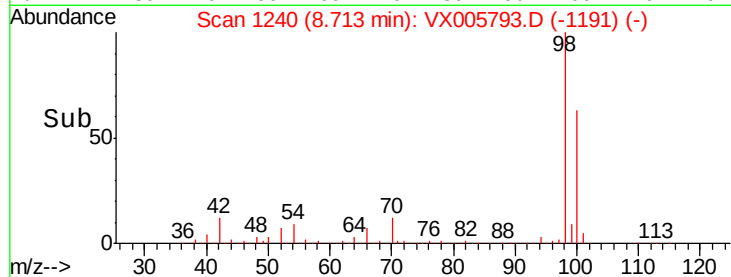
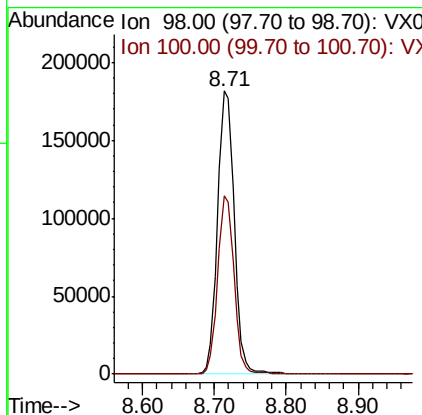
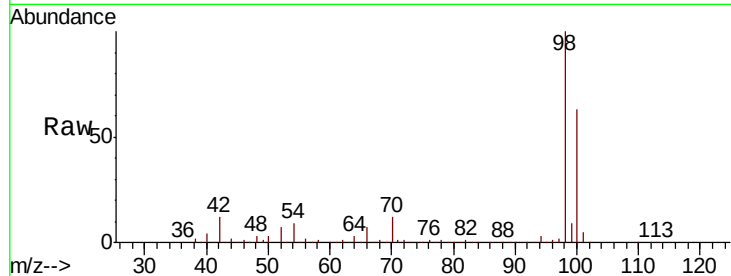




#50
Toluene-d8
Concen: 51.062 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

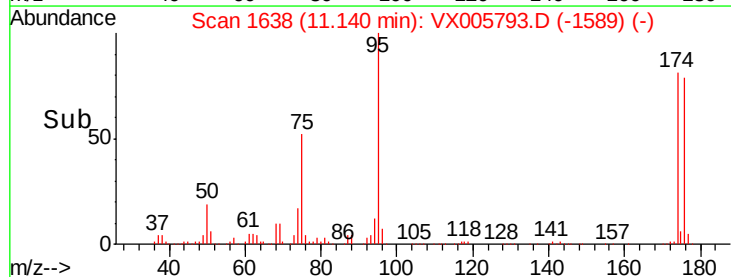
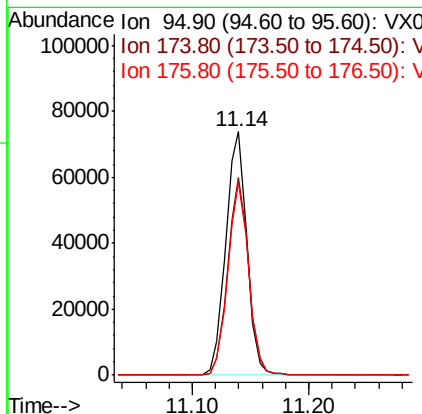
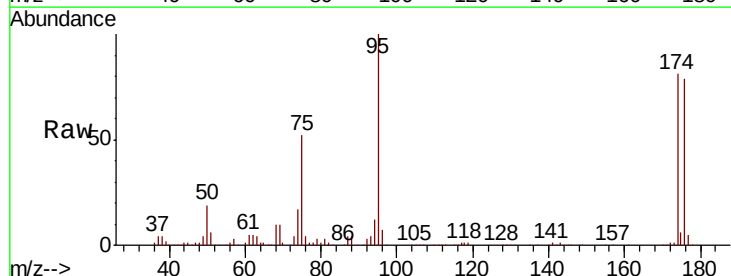
Instrument :
MSVOA_X
ClientSampleId :
TP-9-S

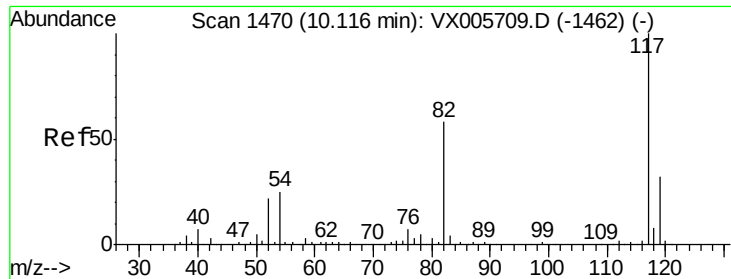
Tot Ion: 98 Resp: 292950
Ion Ratio Lower Upper
98 100
100 61.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 43.692 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Tgt Ion: 95 Resp: 92515
Ion Ratio Lower Upper
95 100
174 80.7 0.0 184.4
176 78.1 0.0 177.4

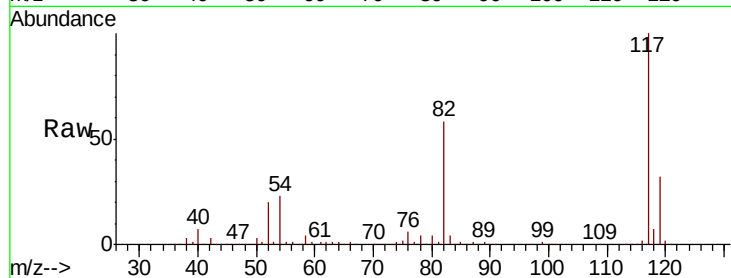




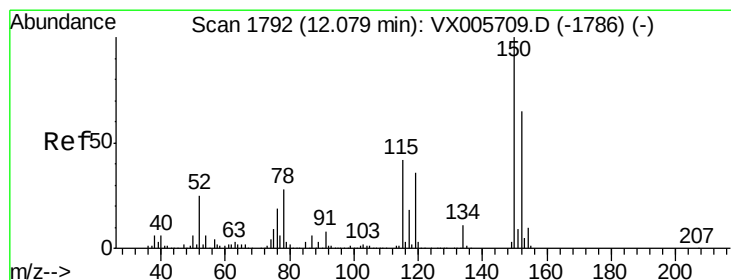
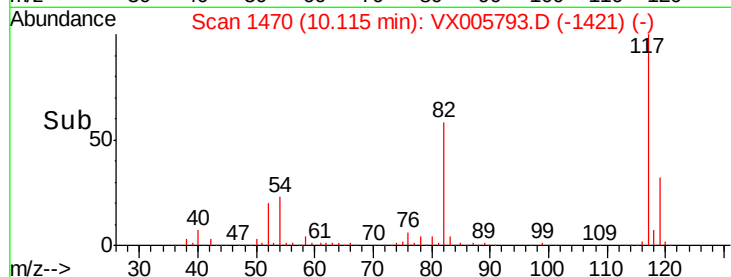
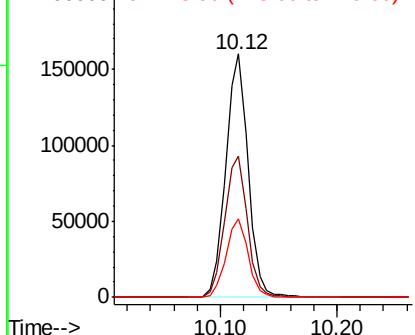
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
TP-9-S

Tot Ion:117 Resp: 212632
Ion Ratio Lower Upper
117 100
82 58.1 44.1 66.1
119 32.0 26.2 39.2

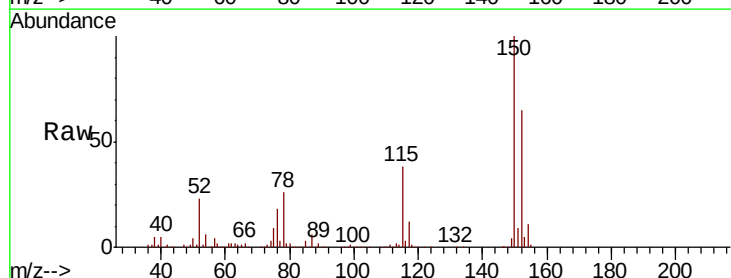


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

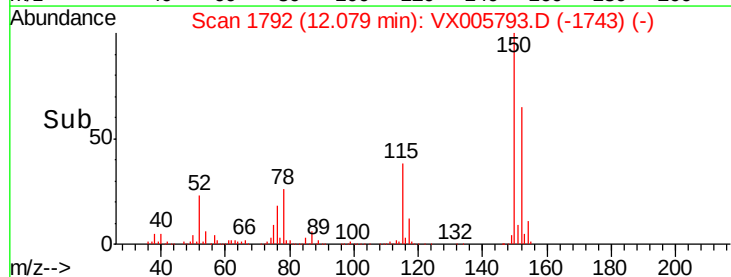
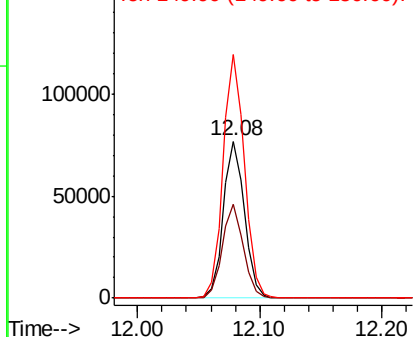


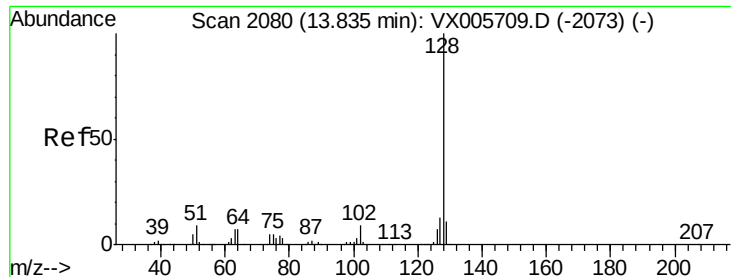
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Tgt Ion:152 Resp: 91805
Ion Ratio Lower Upper
152 100
115 59.8 39.4 118.1
150 156.8 0.0 346.4



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

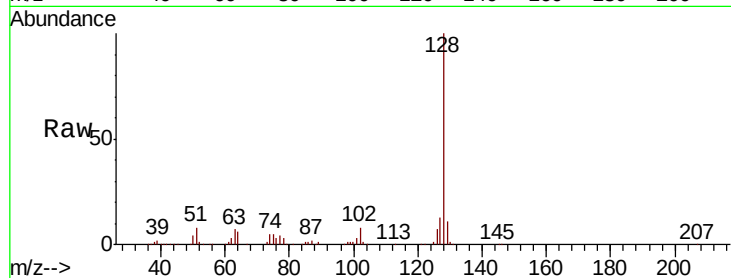




#95
Naphthalene
Concen: 10.670 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
TP-9-S

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.5	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

