

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071719\
 Data File : VX010941.D
 Acq On : 17 Jul 2019 17:16
 Operator : JC/SP
 Sample : K3855-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0540-190716

Quant Time: Jul 22 11:42:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

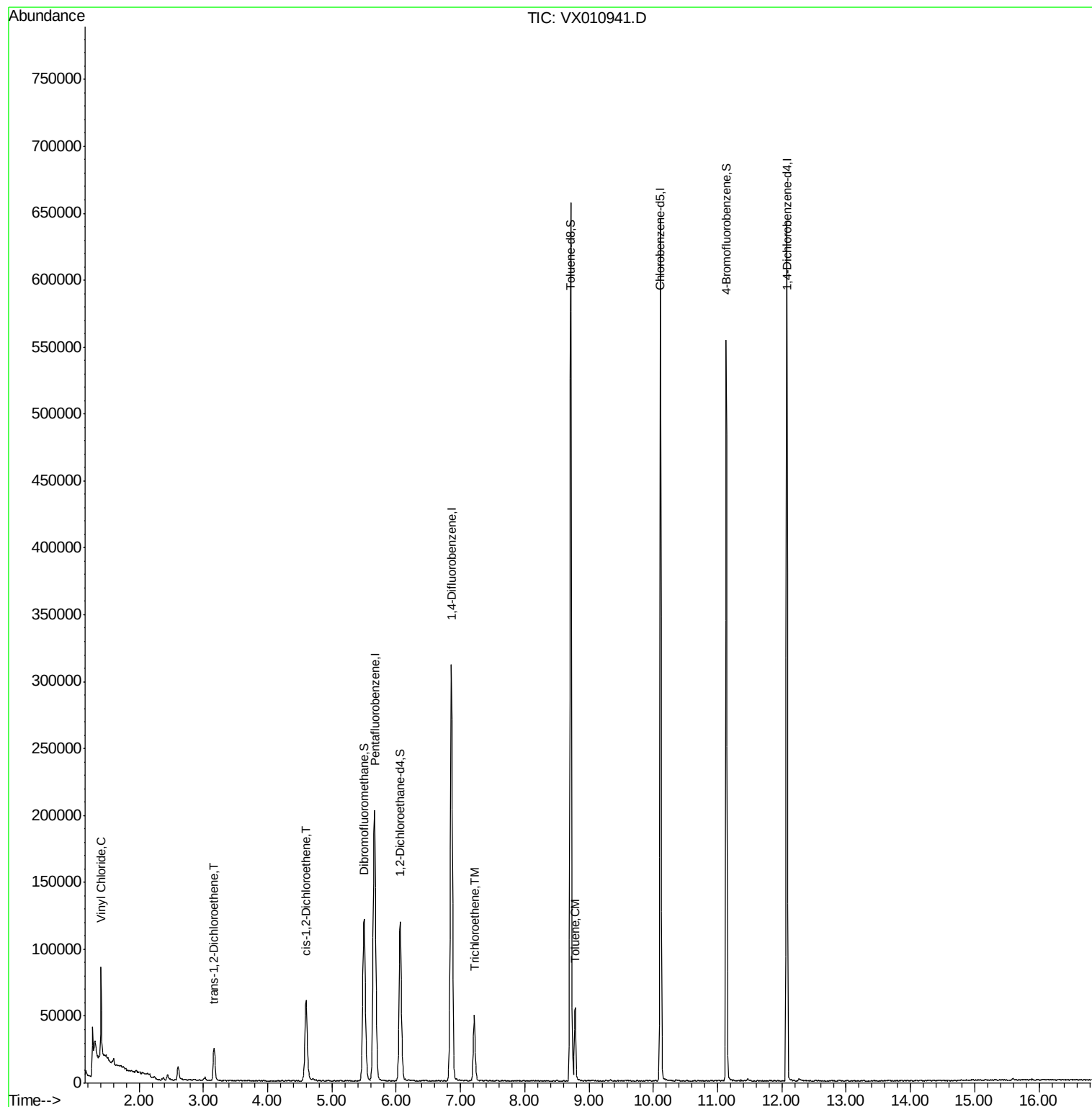
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	208681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	328668	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	302256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139111	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109861	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
35) Dibromofluoromethane	5.50	113	103167	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
50) Toluene-d8	8.71	98	392231	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.13	95	134030	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
Target Compounds						
4) Vinyl Chloride	1.41	62	42962	21.949	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	10270	5.207	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	40638	17.804	ug/l	88
44) Trichloroethene	7.21	130	18586	7.593	ug/l	80
52) Toluene	8.79	92	20430	3.761	ug/l	97

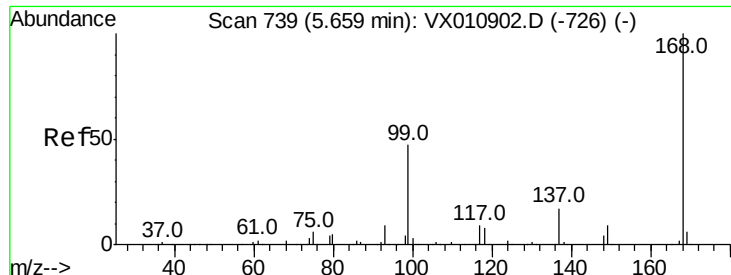
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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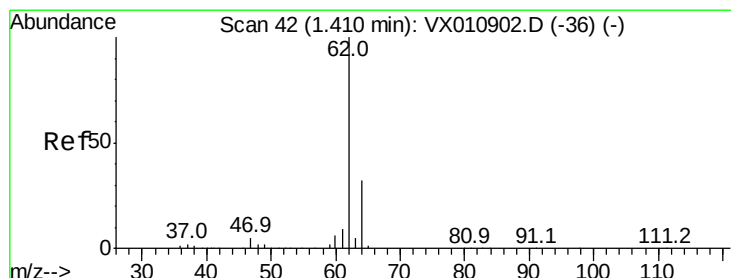
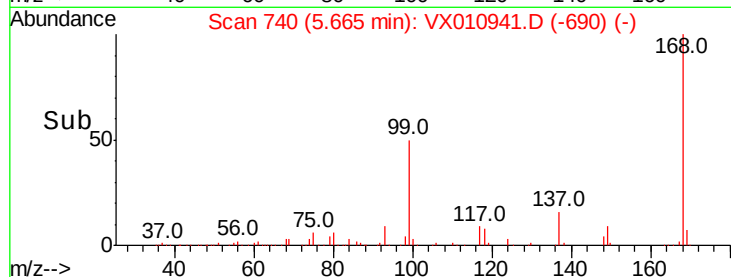
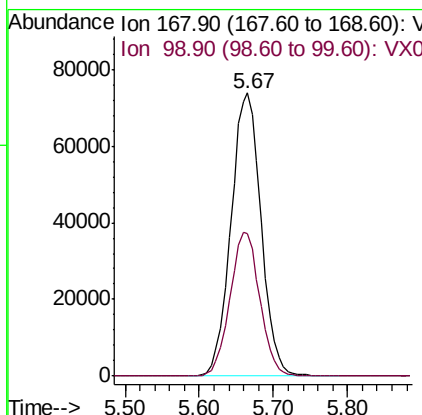
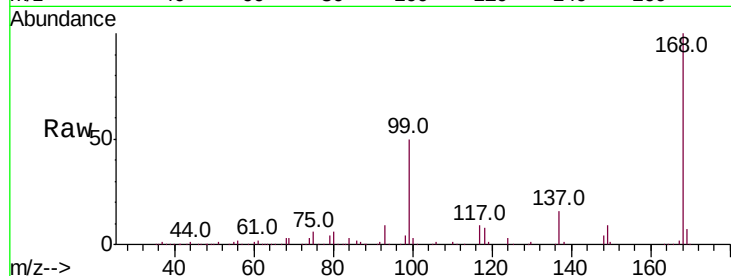




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX010941.D
Acq: 17 Jul 2019 17:16

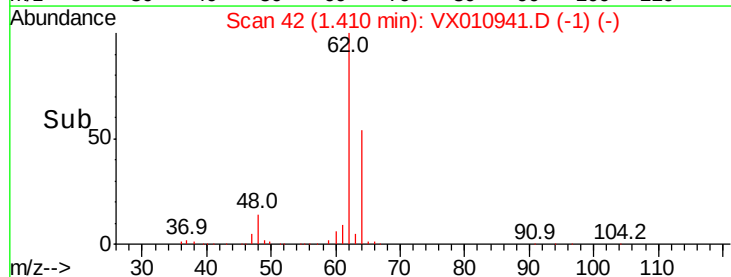
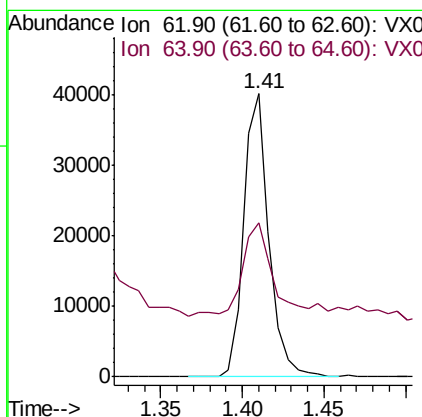
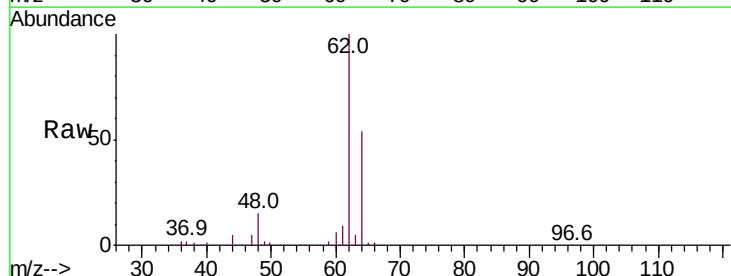
Instrument :
MSVOA_X
ClientSampleId :
DUP-0540-190716

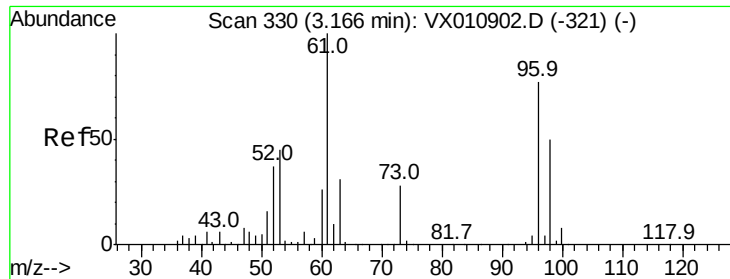
Tot Ion:168 Resp: 208681
Ion Ratio Lower Upper
168 100
99 50.5 37.6 56.4



#4
Vinyl Chloride
Concen: 21.949 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX010941.D
Acq: 17 Jul 2019 17:16

Tgt Ion: 62 Resp: 42962
Ion Ratio Lower Upper
62 100
64 32.7 25.7 38.5





#21

trans-1,2-Dichloroethene

Concen: 5.207 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX010941.D

Acq: 17 Jul 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

DUP-0540-190716

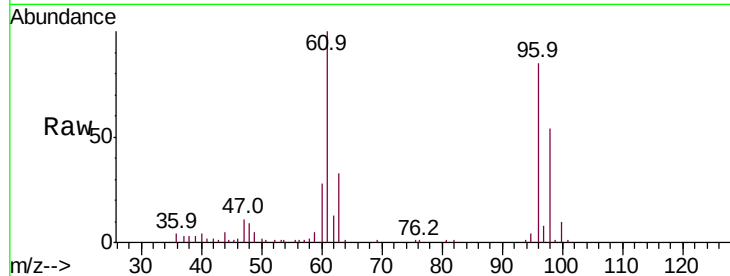
Tot Ion: 96 Resp: 10270

Ion Ratio Lower Upper

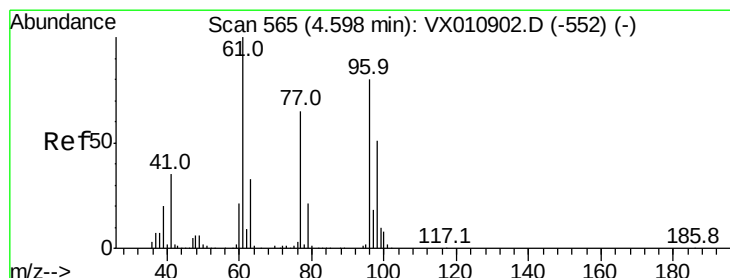
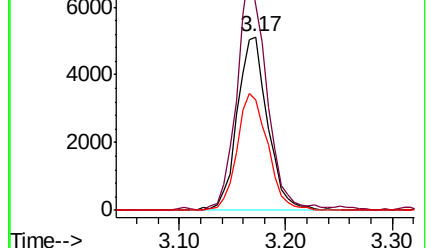
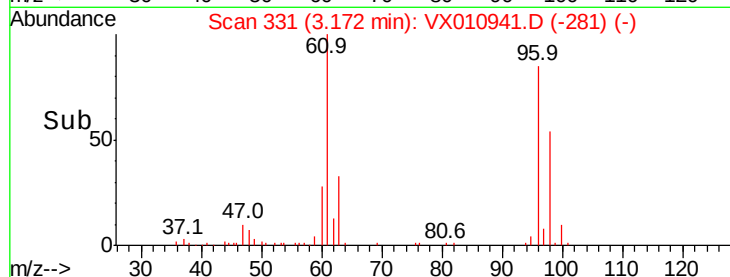
96 100

61 117.1 104.2 156.2

98 63.8 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: 17.804 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX010941.D

Acq: 17 Jul 2019 17:16

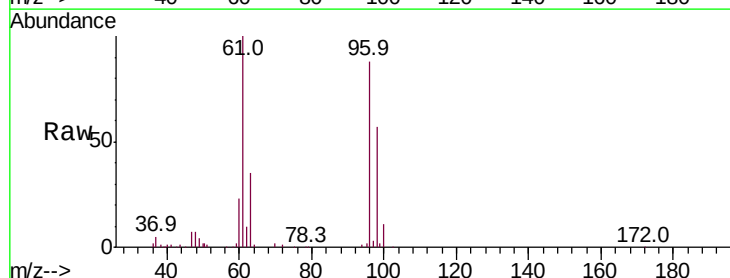
Tgt Ion: 96 Resp: 40638

Ion Ratio Lower Upper

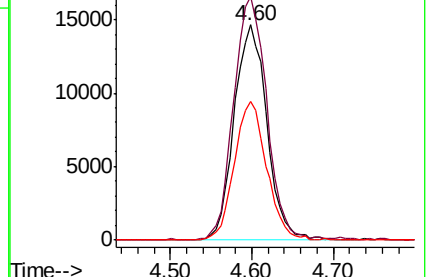
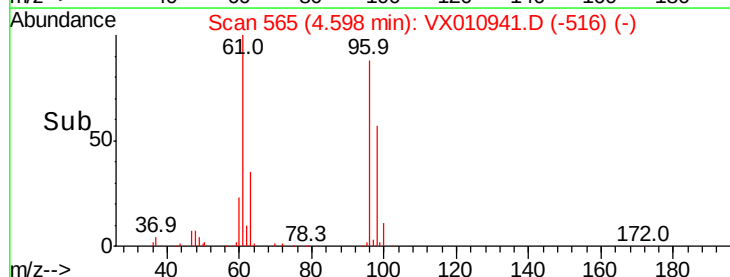
96 100

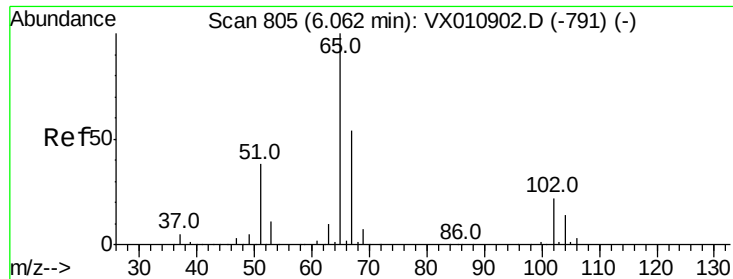
61 114.9 0.0 269.0

98 63.4 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

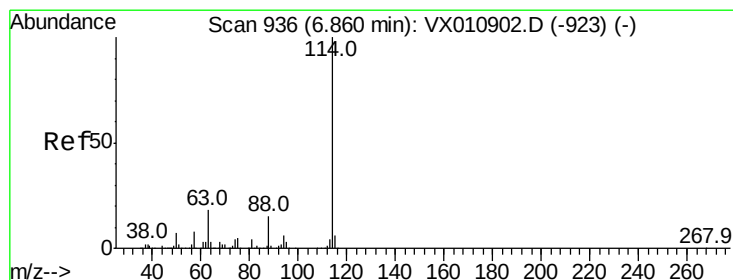
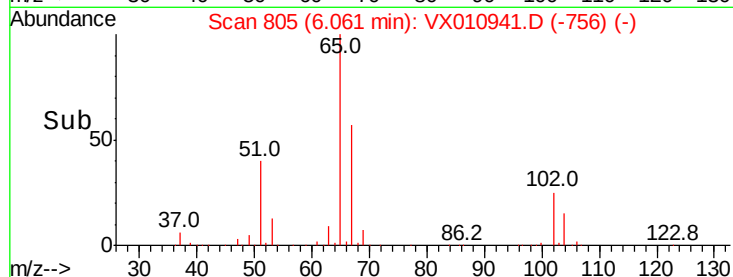
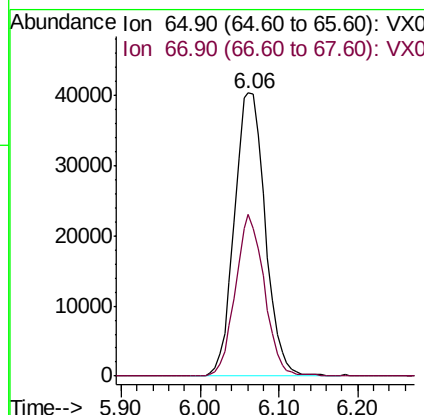
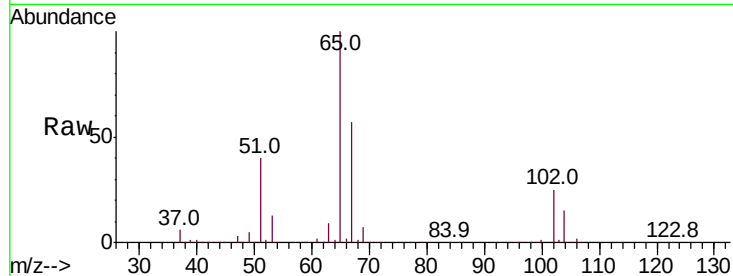




#33
 1,2-Dichloroethane-d4
 Concen: 49.486 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010941.D
 Acq: 17 Jul 2019 17:16

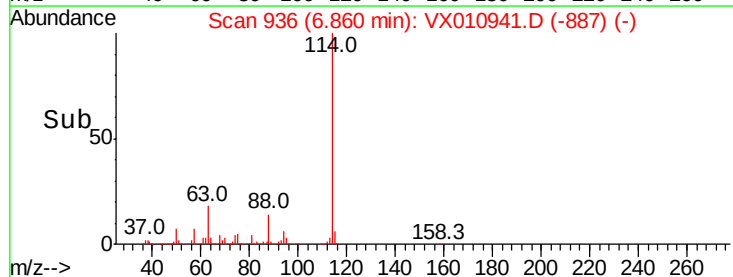
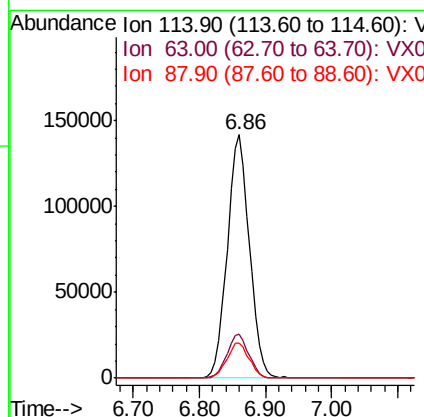
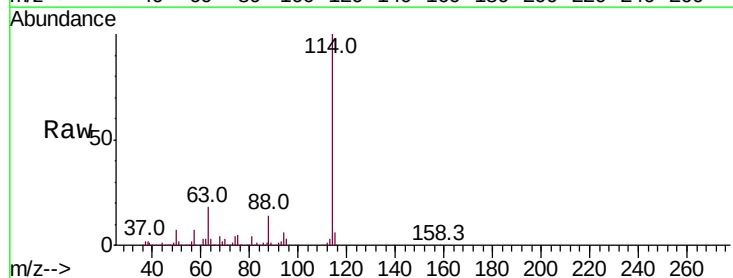
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0540-190716

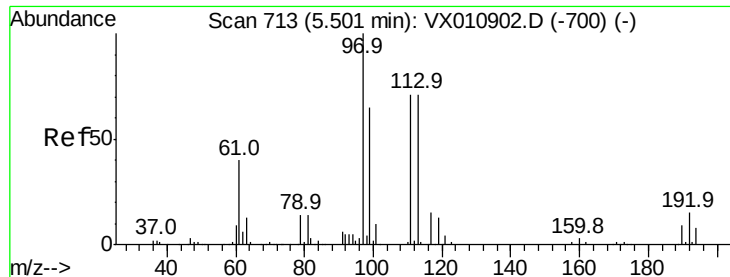
Tot Ion: 65 Resp: 109861
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010941.D
 Acq: 17 Jul 2019 17:16

Tgt Ion: 114 Resp: 328668
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.6
 88 14.3 0.0 29.8





#35

Dibromofluoromethane

Concen: 49.454 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010941.D

Acq: 17 Jul 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

DUP-0540-190716

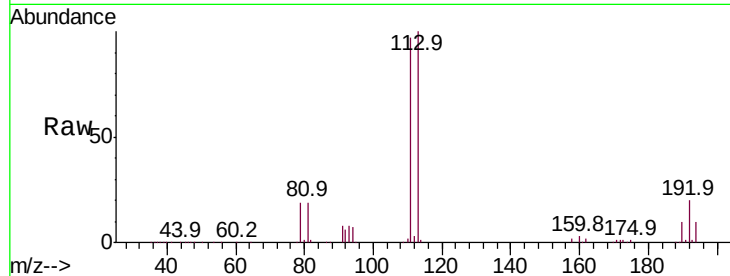
Tot Ion:113 Resp: 103167

Ion Ratio Lower Upper

113 100

111 101.5 82.3 123.5

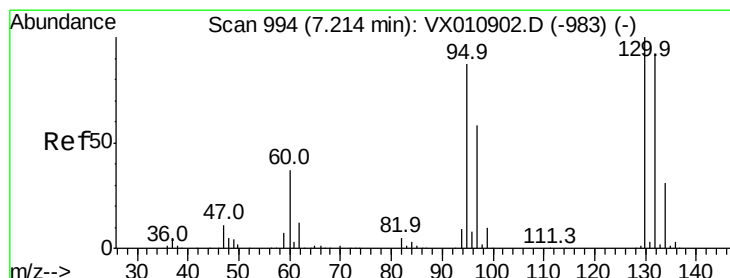
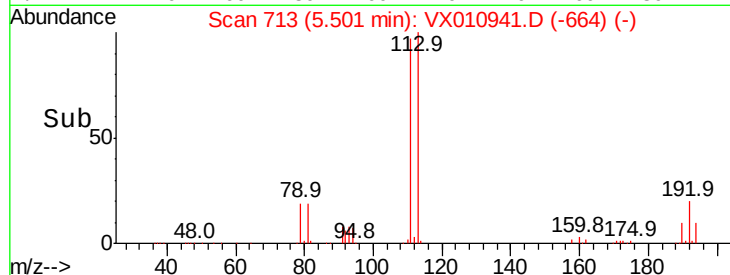
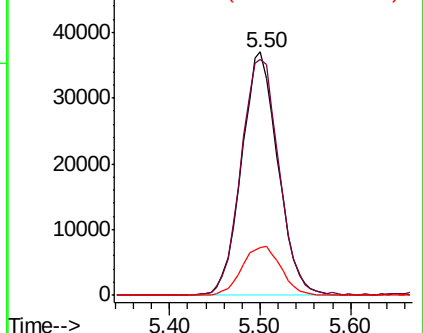
192 21.7 17.4 26.2



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



#44

Trichloroethene

Concen: 7.593 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010941.D

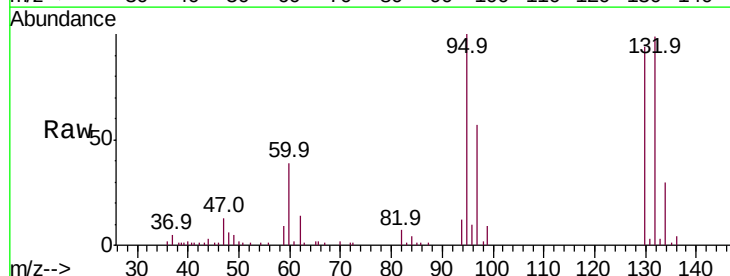
Acq: 17 Jul 2019 17:16

Tgt Ion:130 Resp: 18586

Ion Ratio Lower Upper

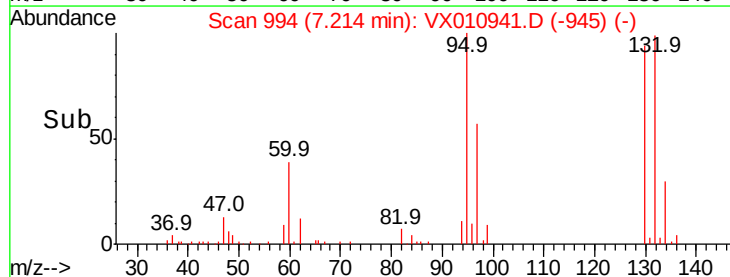
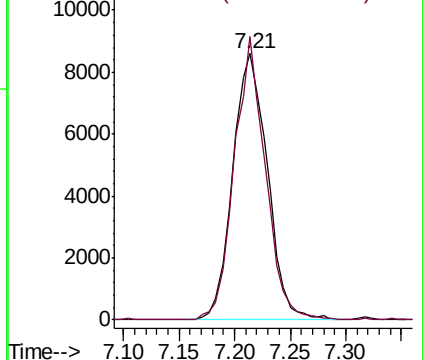
130 100

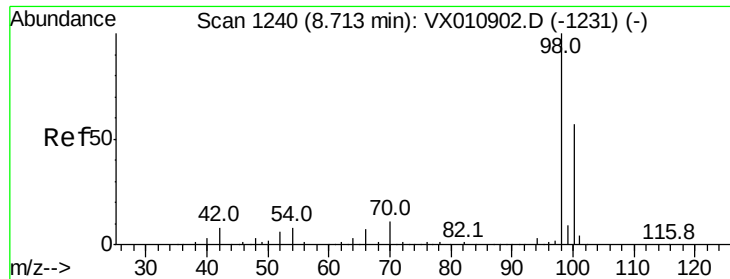
95 106.3 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.130 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010941.D

Acq: 17 Jul 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

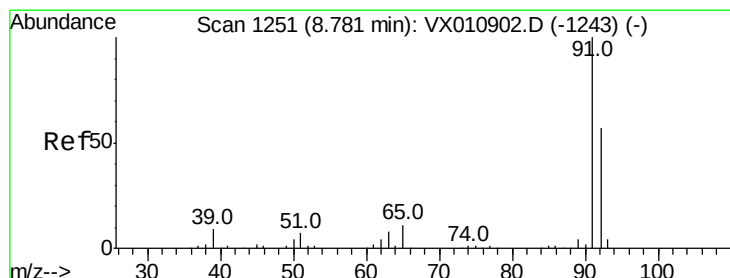
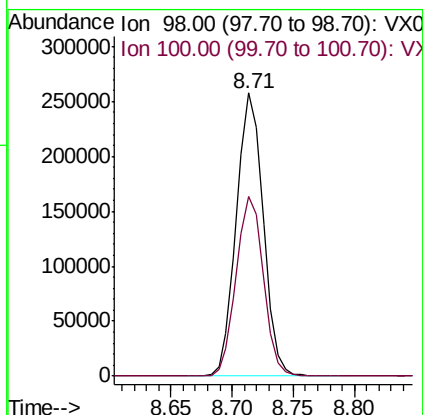
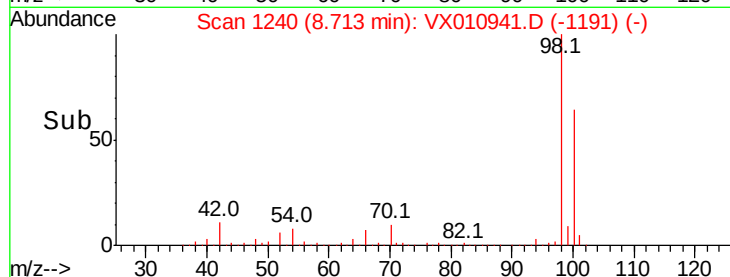
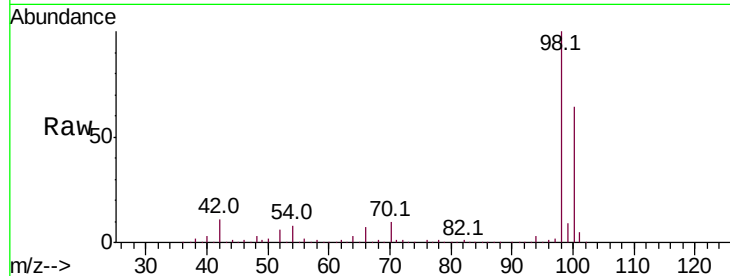
DUP-0540-190716

Tot Ion: 98 Resp: 392231

Ion Ratio Lower Upper

98 100

100 64.2 50.6 75.8



#52

Toluene

Concen: 3.761 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010941.D

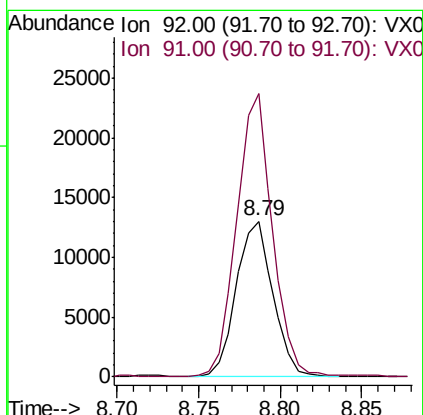
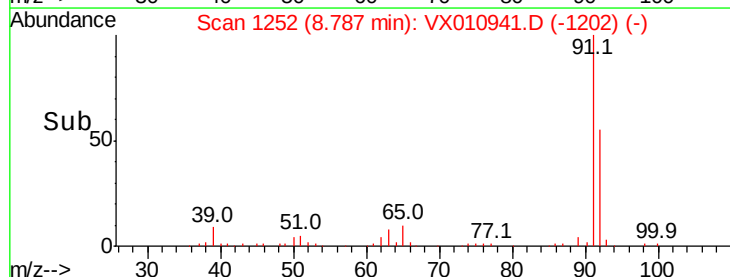
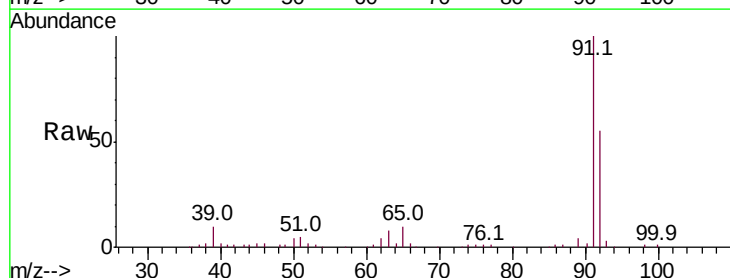
Acq: 17 Jul 2019 17:16

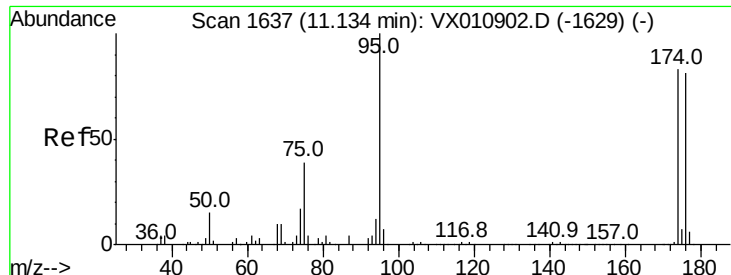
Tgt Ion: 92 Resp: 20430

Ion Ratio Lower Upper

92 100

91 178.0 139.4 209.0

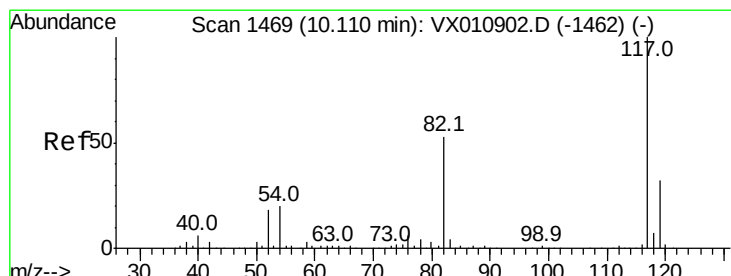
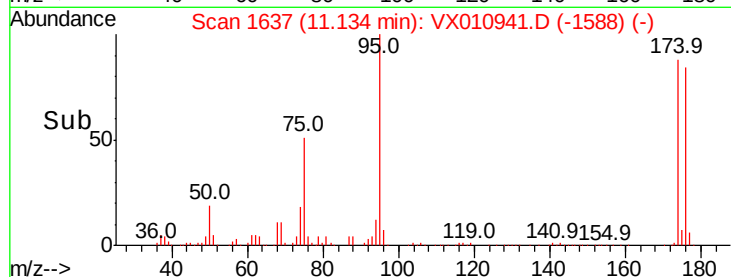
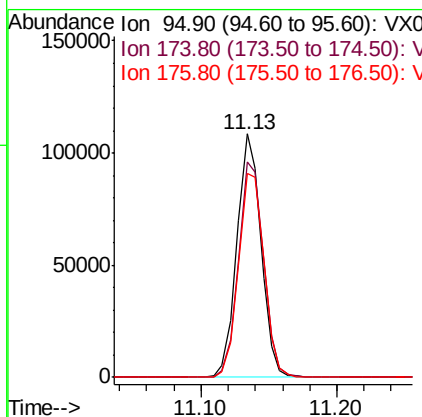
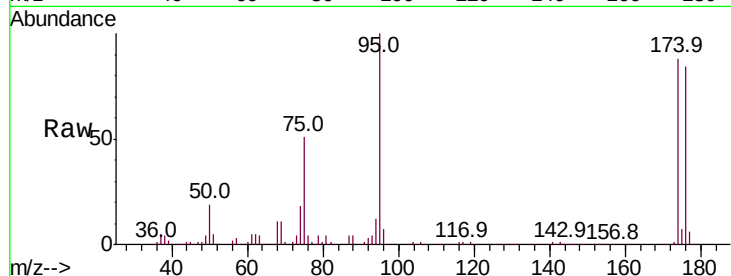




#62
4-Bromofluorobenzene
Concen: 46.603 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010941.D
Acq: 17 Jul 2019 17:16

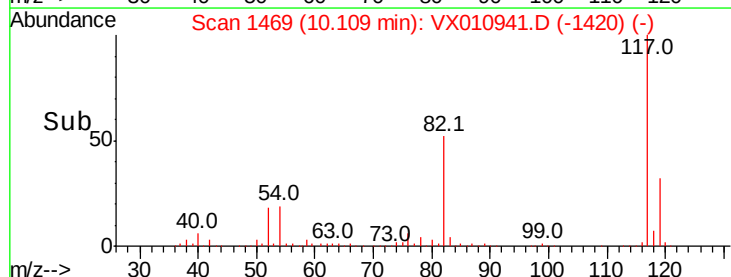
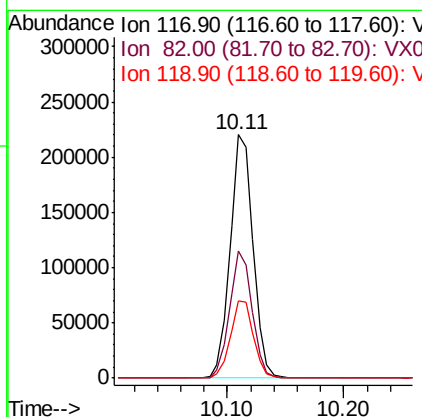
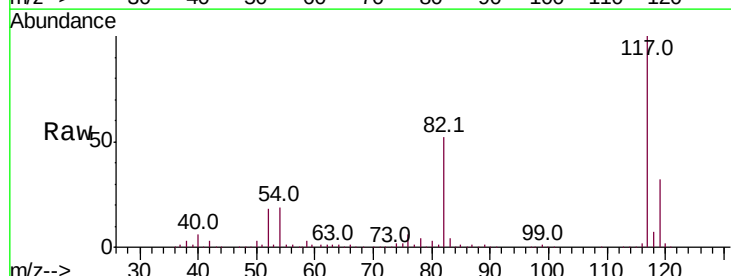
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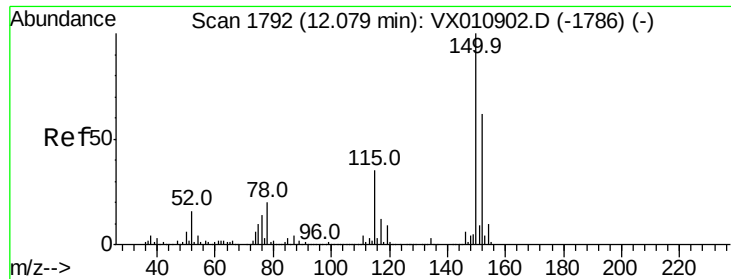
Tot Ion	95	Resp	134030
Ion Ratio	Lower	Upper	
95	100		
174	91.6	0.0	180.6
176	88.7	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010941.D
Acq: 17 Jul 2019 17:16

Tgt Ion	117	Resp	302256
Ion Ratio	Lower	Upper	
117	100		
82	52.1	42.6	63.8
119	31.9	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010941.D

Acq: 17 Jul 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

DUP-0540-190716

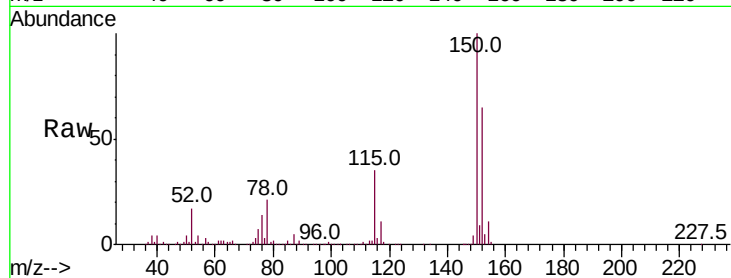
Tot Ion:152 Resp: 139111

Ion Ratio Lower Upper

152 100

115 55.2 39.7 119.1

150 154.8 0.0 345.6



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

