

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051519\
 Data File : VX009580.D
 Acq On : 15 May 2019 15:14
 Operator : JC/SP
 Sample : K2856-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-190514

Quant Time: May 16 01:57:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

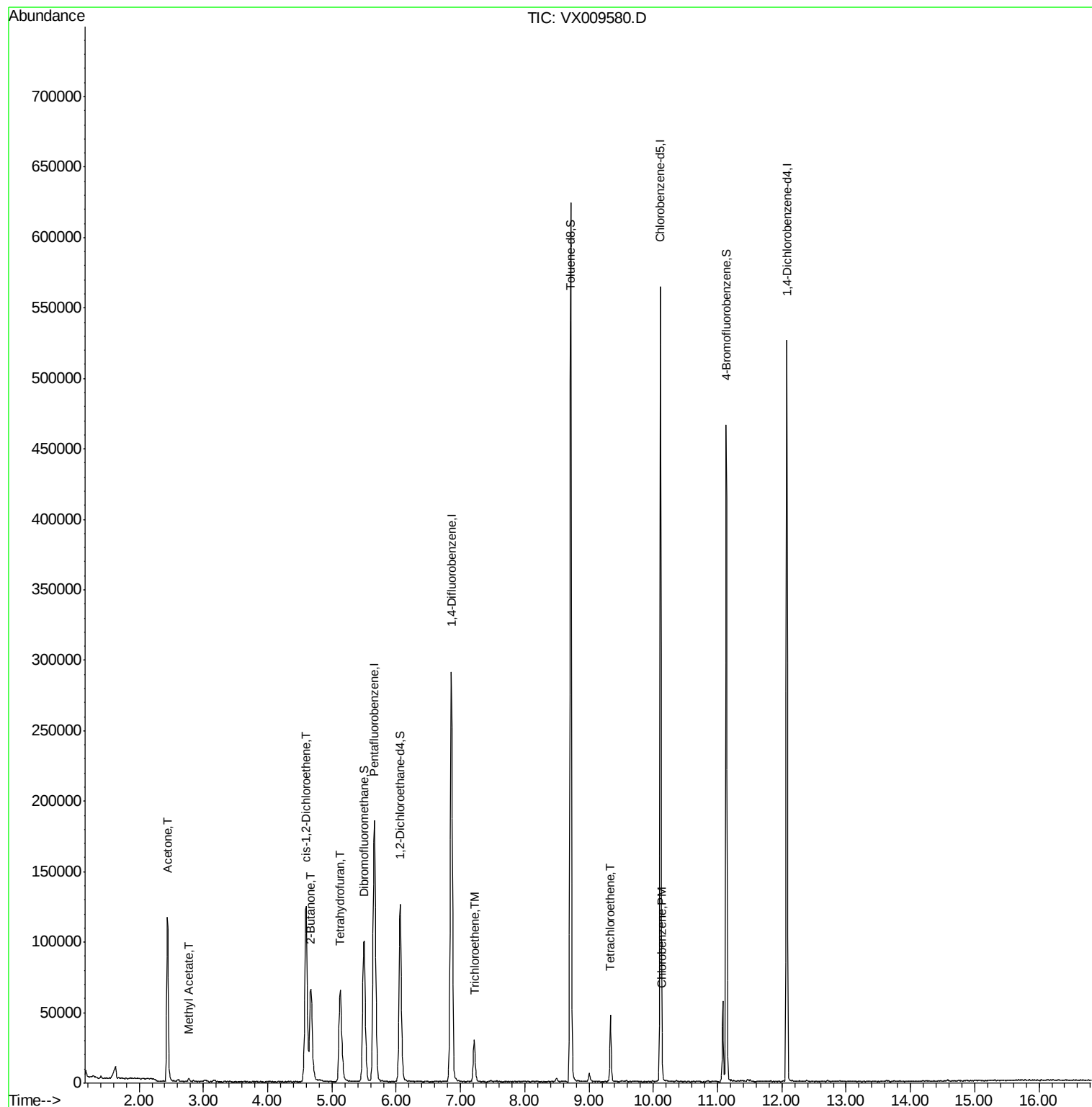
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	181341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	287724	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109816	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118385	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
35) Dibromofluoromethane	5.50	113	86387	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
50) Toluene-d8	8.71	98	358192	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.13	95	120418	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.76%	
Target Compounds						
					Qvalue	
16) Acetone	2.44	43	126709	95.323	ug/l	98
18) Methyl Acetate	2.77	43	2510	0.794	ug/l	91
25) 2-Butanone	4.67	43	125674	60.841	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	77252	35.074	ug/l	89
29) Tetrahydrofuran	5.13	42	66698	50.178	ug/l	99
44) Trichloroethene	7.21	130	11318	5.658	ug/l	98
64) Tetrachloroethene	9.34	164	9027	5.229	ug/l	94
65) Chlorobenzene	10.14	112	1532	0.304	ug/l #	88

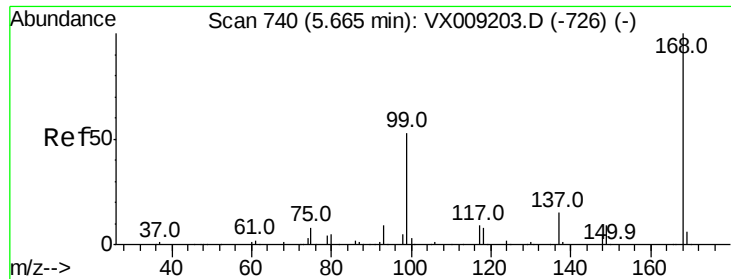
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051519\
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Quant Time: May 16 01:57:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 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: VX009580.D

Acq: 15 May 2019 15:14

Instrument :

MSVOA_X

ClientSampleId :

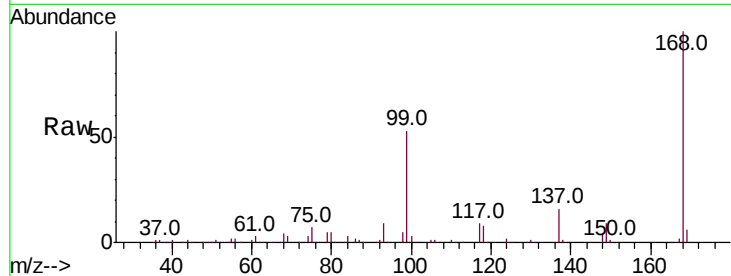
KY038PS027-190514

Tot Ion:168 Resp: 181341

Ion Ratio Lower Upper

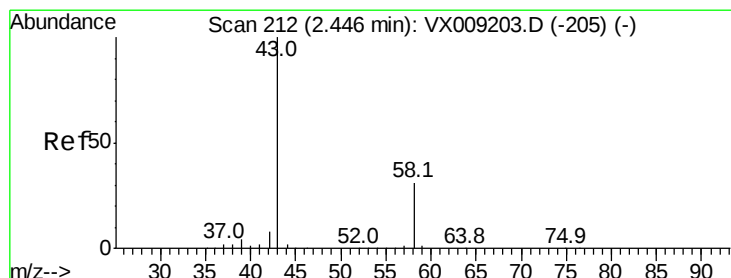
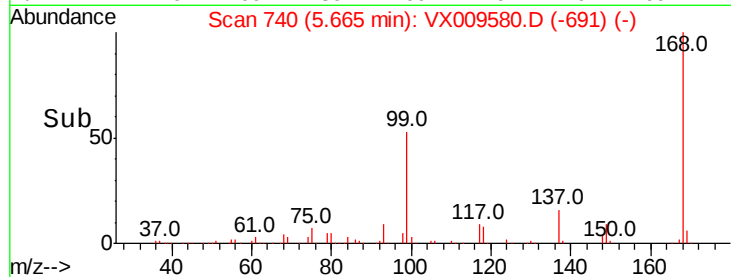
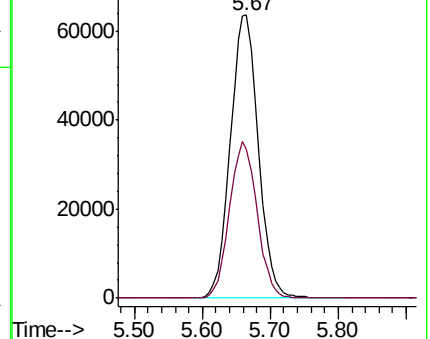
168 100

99 52.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 95.323 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009580.D

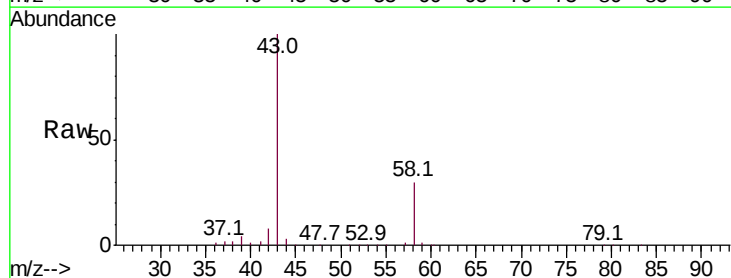
Acq: 15 May 2019 15:14

Tgt Ion: 43 Resp: 126709

Ion Ratio Lower Upper

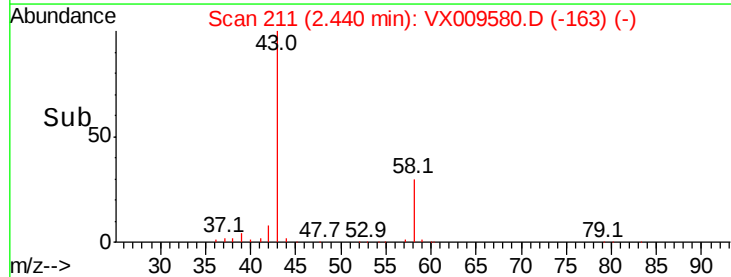
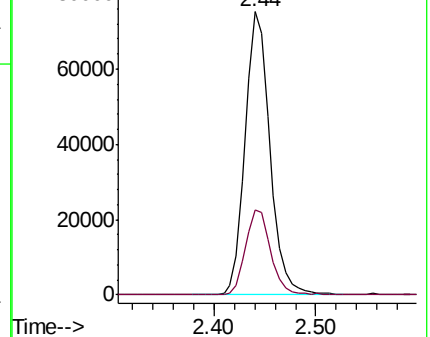
43 100

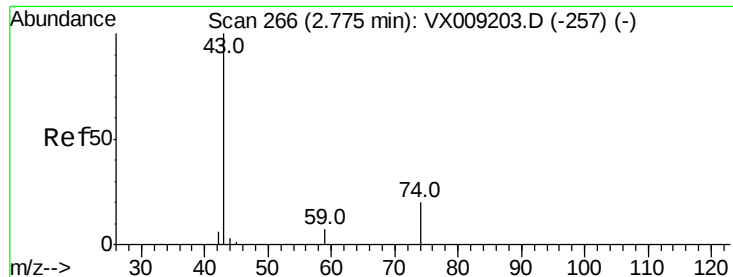
58 29.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

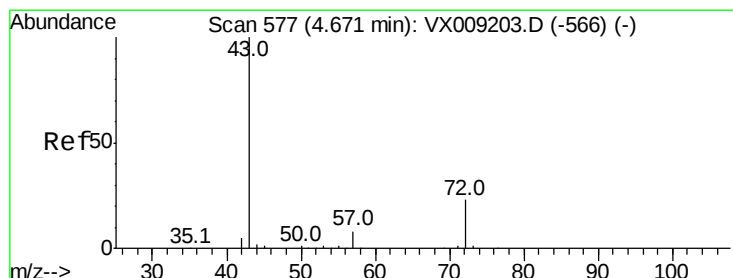
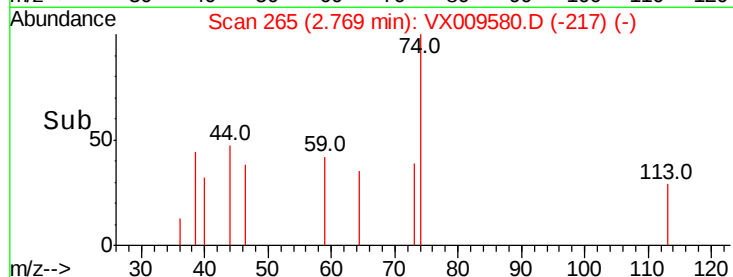
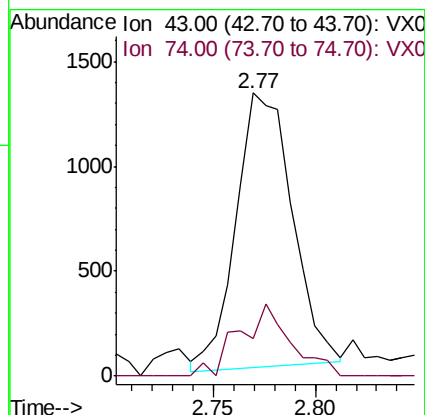
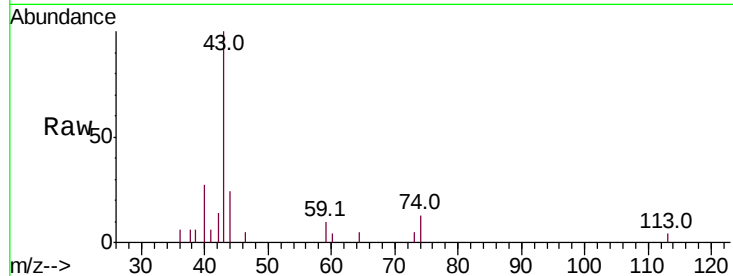




#18
Methyl Acetate
Concen: 0.794 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009580.D
Acq: 15 May 2019 15:14

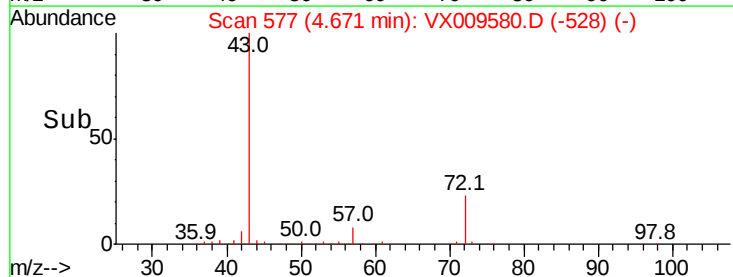
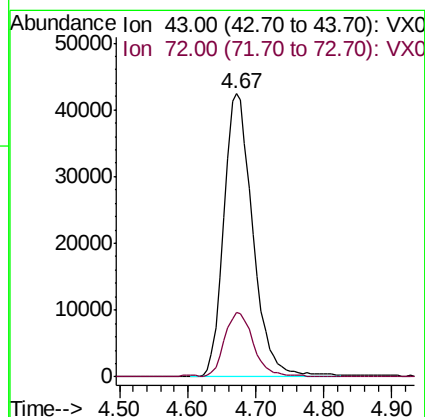
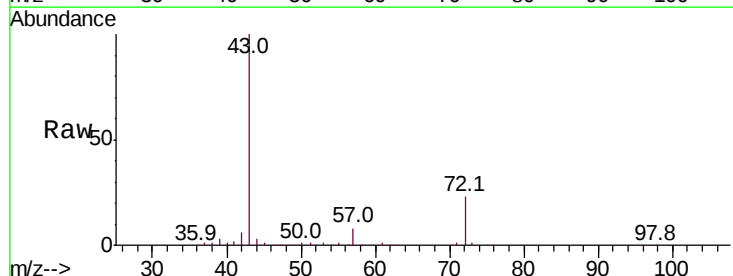
Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190514

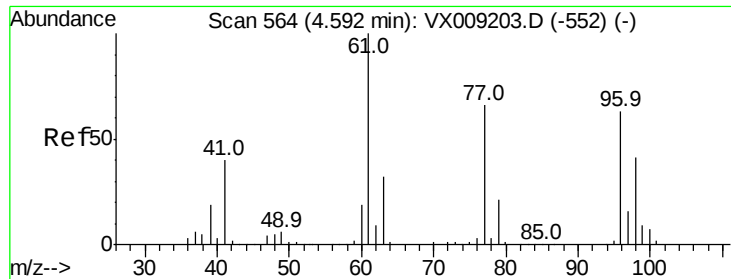
Tot Ion: 43 Resp: 2510
Ion Ratio Lower Upper
43 100
74 24.3 16.2 24.4



#25
2-Butanone
Concen: 60.841 ug/l
RT: 4.67 min Scan# 577
Delta R.T. 0.00 min
Lab File: VX009580.D
Acq: 15 May 2019 15:14

Tgt Ion: 43 Resp: 125674
Ion Ratio Lower Upper
43 100
72 22.8 18.2 27.2



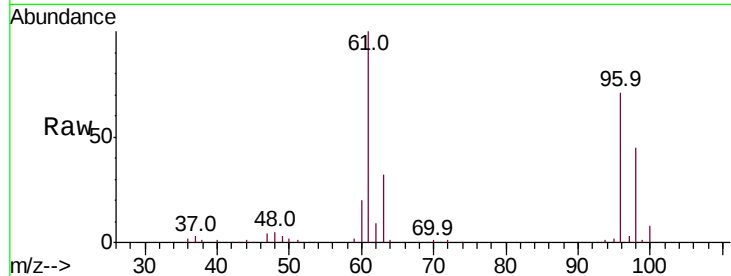


#27

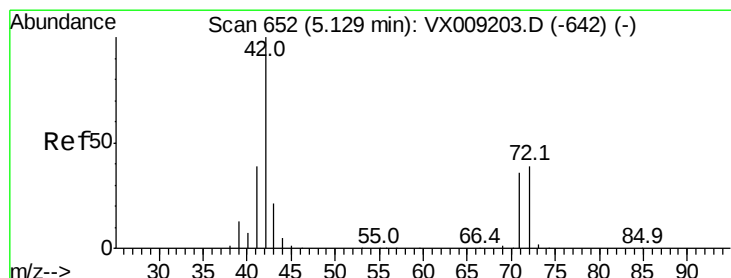
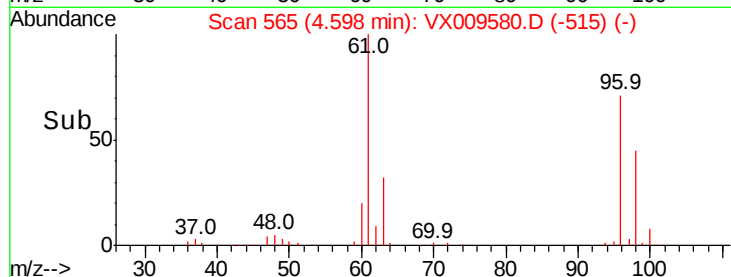
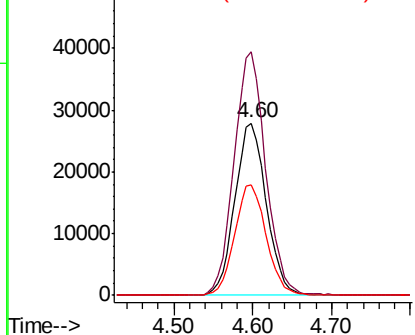
cis-1,2-Dichloroethene
Concen: 35.074 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009580.D
Acq: 15 May 2019 15:14

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190514

Tot Ion: 96 Resp: 77252
Ion Ratio Lower Upper
96 100
61 142.2 0.0 324.0
98 64.7 0.0 130.4



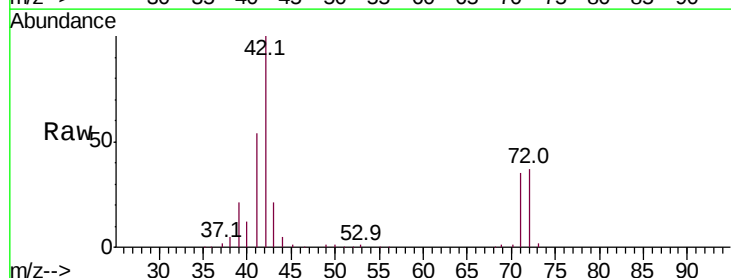
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



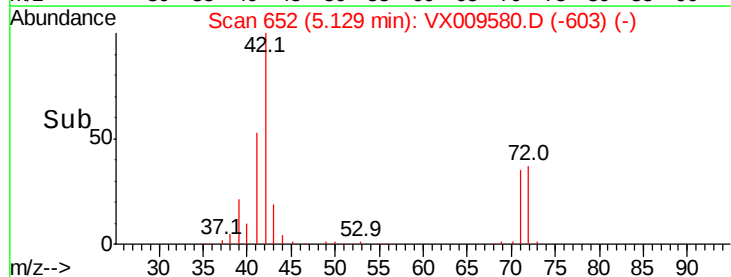
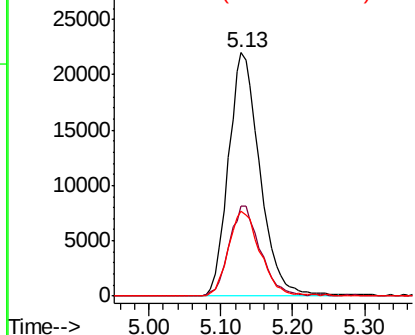
#29

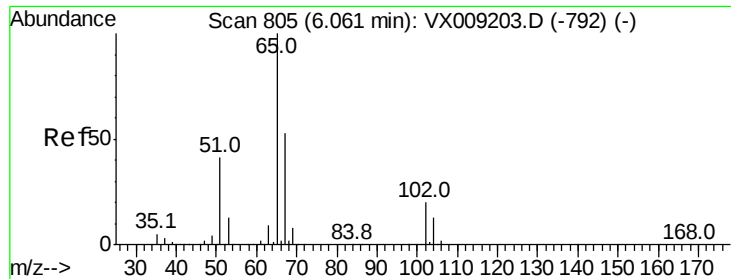
Tetrahydrofuran
Concen: 50.178 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009580.D
Acq: 15 May 2019 15:14

Tgt Ion: 42 Resp: 66698
Ion Ratio Lower Upper
42 100
72 36.7 30.4 45.6
71 35.5 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.822 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009580.D

Acq: 15 May 2019 15:14

Instrument :

MSVOA_X

ClientSampleId :

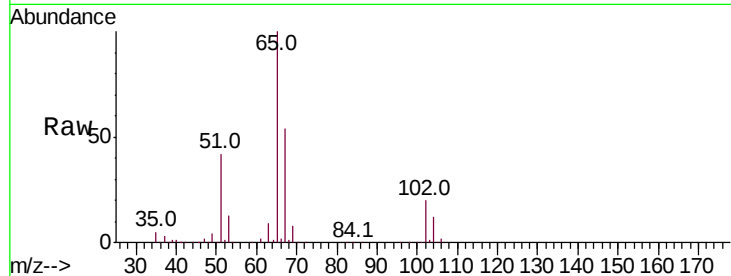
KY038PS027-190514

Tot Ion: 65 Resp: 118385

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

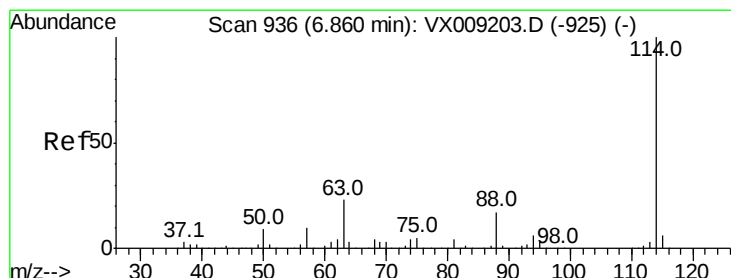
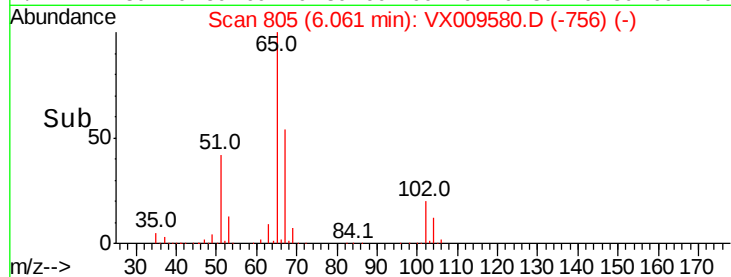
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009580.D

Acq: 15 May 2019 15:14

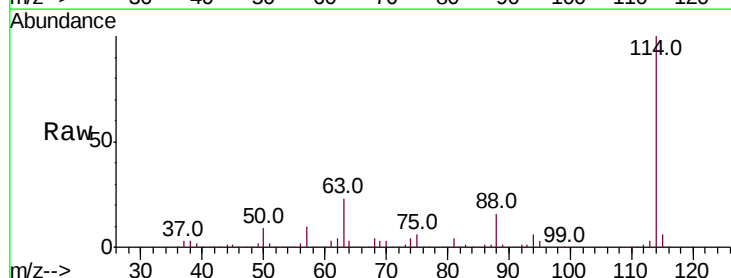
Tgt Ion:114 Resp: 287724

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

88 16.5 0.0 33.2



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

6.86

150000

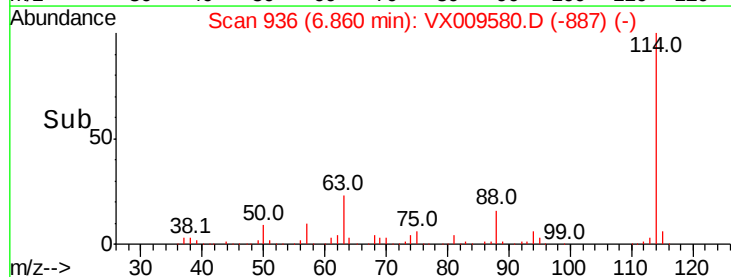
100000

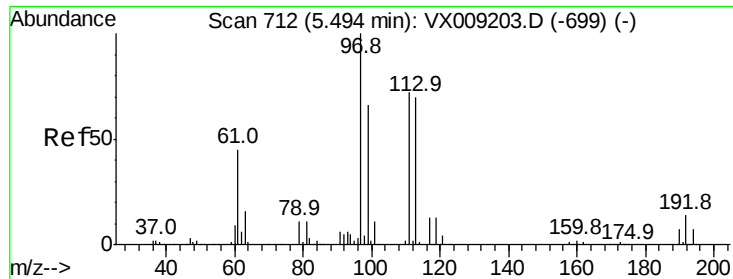
50000

0

Time-->

6.70 6.80 6.90 7.00 7.10

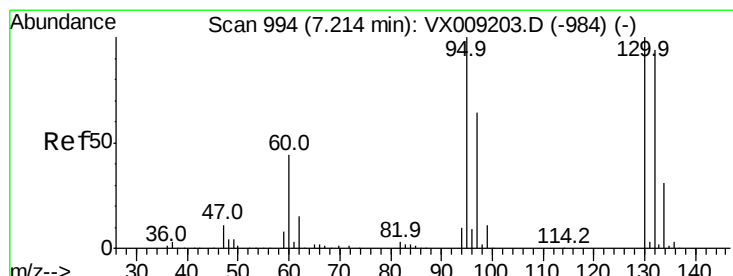
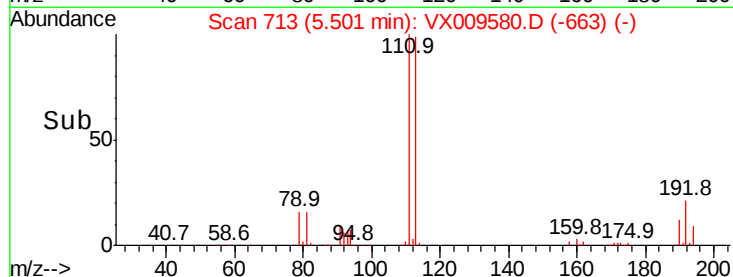
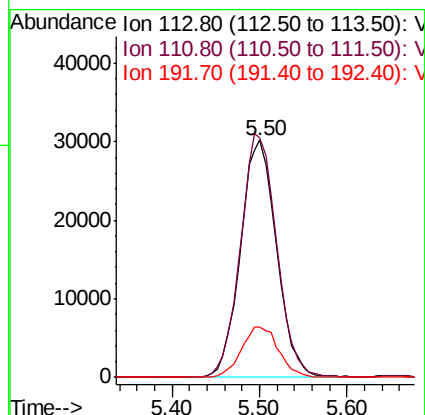
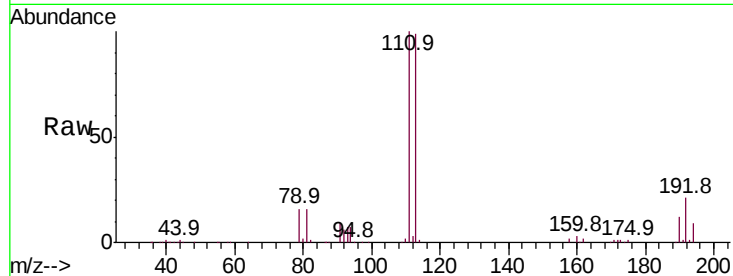




#35
 Dibromofluoromethane
 Concen: 47.761 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009580.D
 Acq: 15 May 2019 15:14

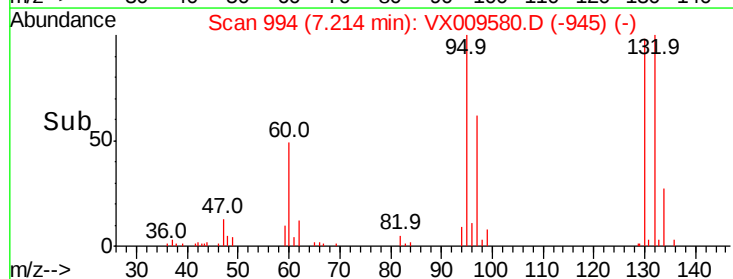
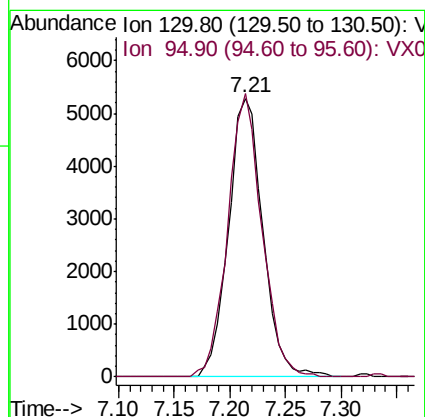
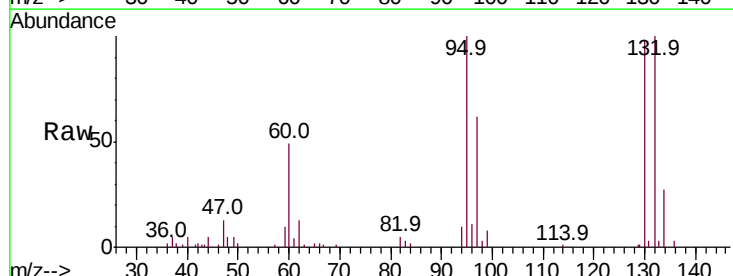
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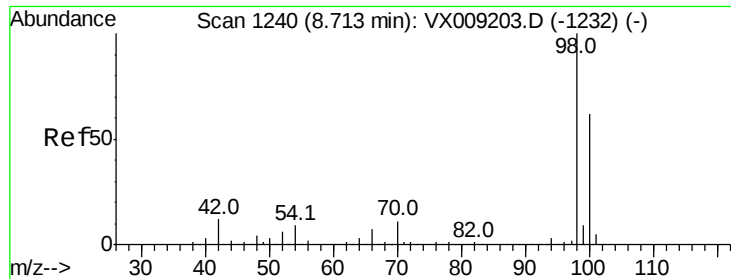
Tot Ion:113 Resp: 86387
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.8 124.2
 192 21.9 17.0 25.6



#44
 Trichloroethene
 Concen: 5.658 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009580.D
 Acq: 15 May 2019 15:14

Tgt Ion:130 Resp: 11318
 Ion Ratio Lower Upper
 130 100
 95 101.6 0.0 199.2

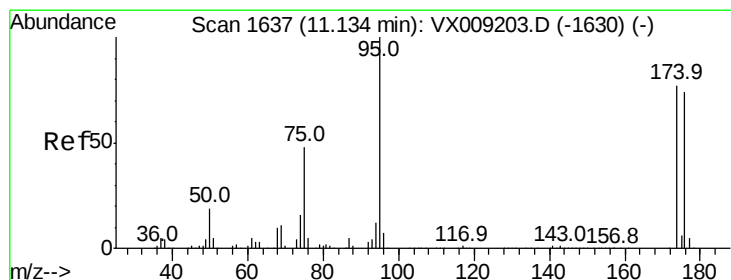
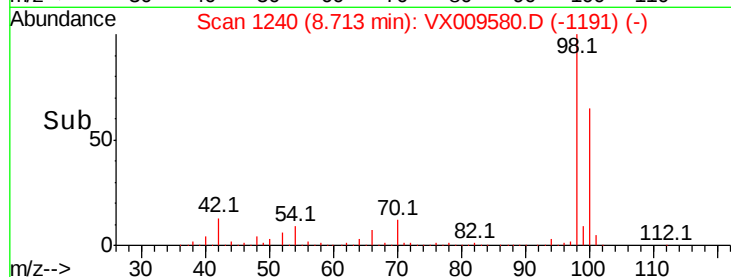
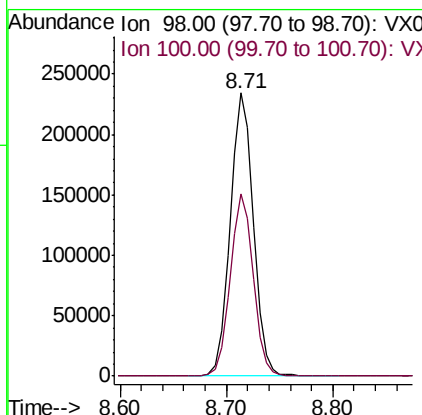
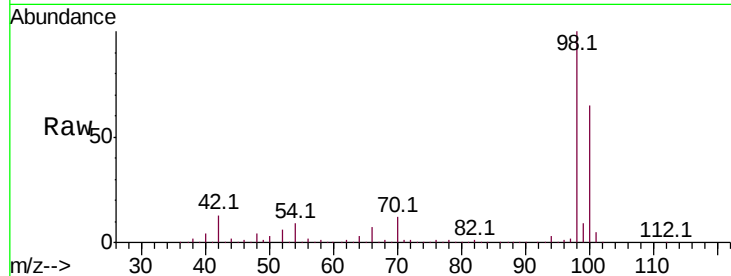




#50
Toluene-d8
Concen: 49.051 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009580.D
Acq: 15 May 2019 15:14

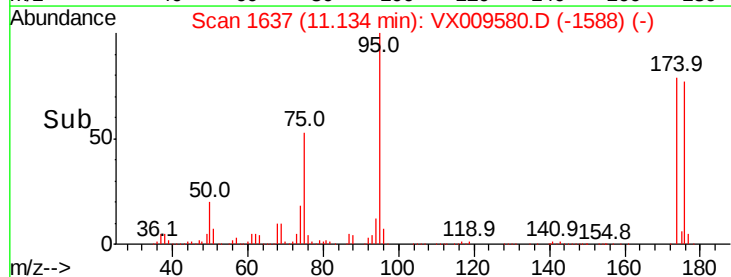
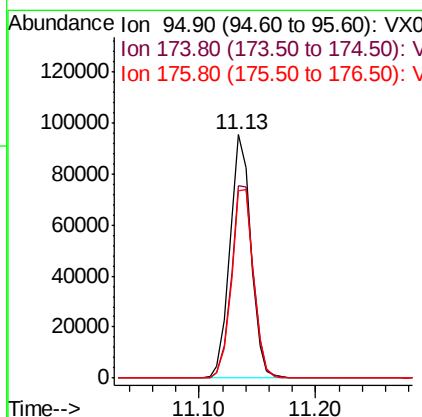
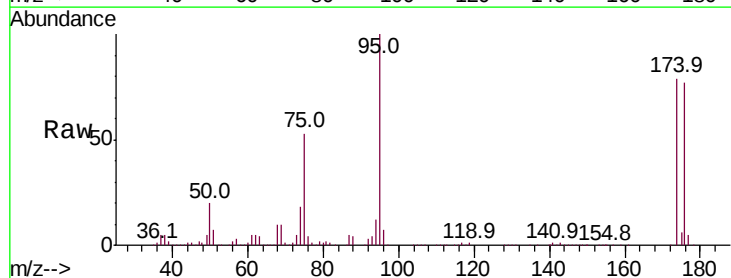
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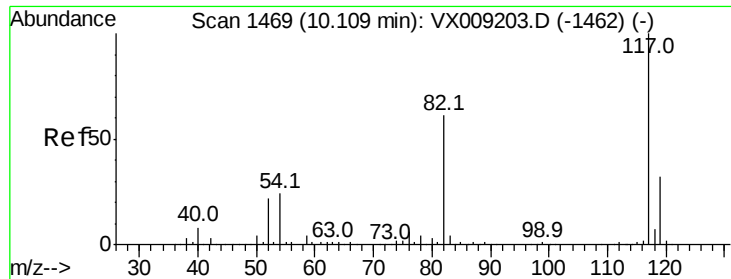
Tot Ion: 98 Resp: 358192
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 45.382 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009580.D
Acq: 15 May 2019 15:14

Tgt Ion: 95 Resp: 120418
Ion Ratio Lower Upper
95 100
174 82.6 0.0 161.6
176 80.7 0.0 159.2

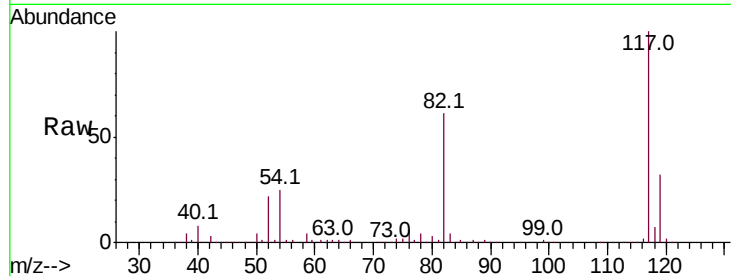




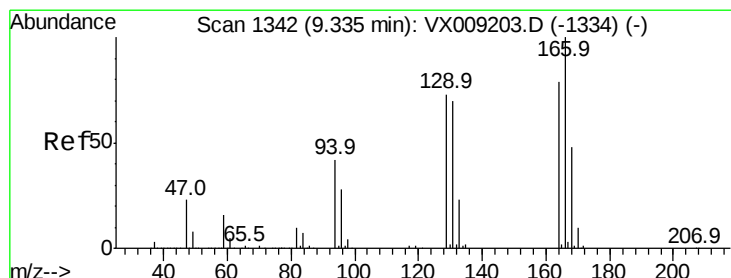
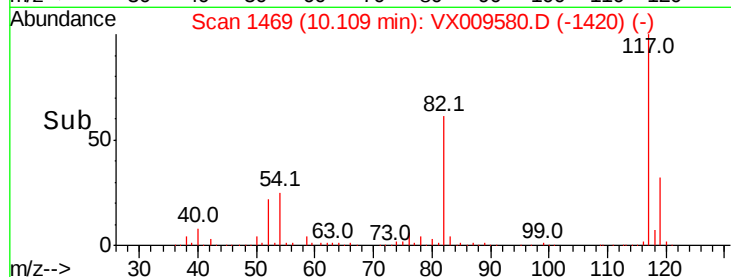
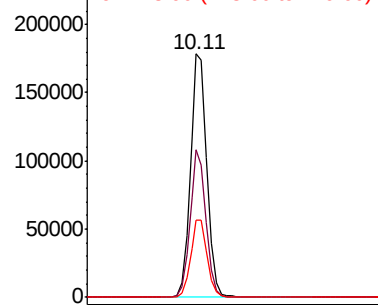
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009580.D
Acq: 15 May 2019 15:14

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190514

Tot Ion:117 Resp: 251646
Ion Ratio Lower Upper
117 100
82 60.8 48.8 73.2
119 31.9 25.8 38.6

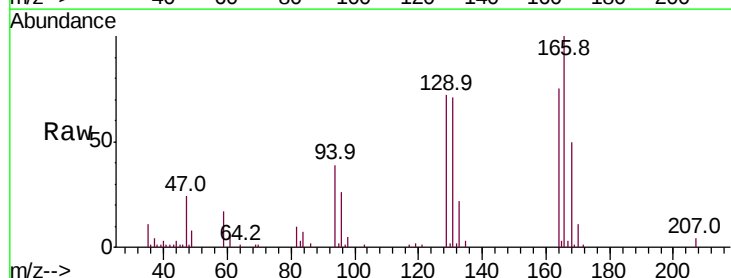


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

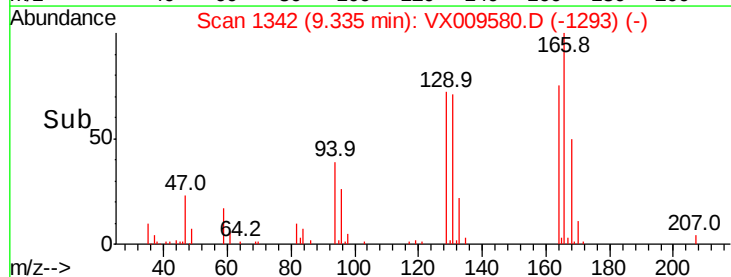
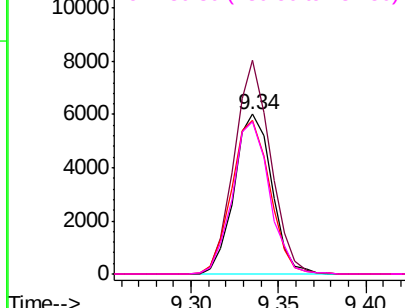


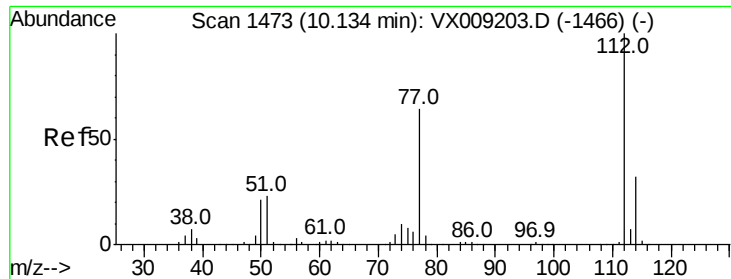
#64
Tetrachloroethene
Concen: 5.229 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009580.D
Acq: 15 May 2019 15:14

Tgt Ion:164 Resp: 9027
Ion Ratio Lower Upper
164 100
166 134.0 101.2 151.8
129 96.3 74.3 111.5
131 95.6 71.0 106.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 0.304 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009580.D

Acq: 15 May 2019 15:14

Instrument :

MSVOA_X

ClientSampleId :

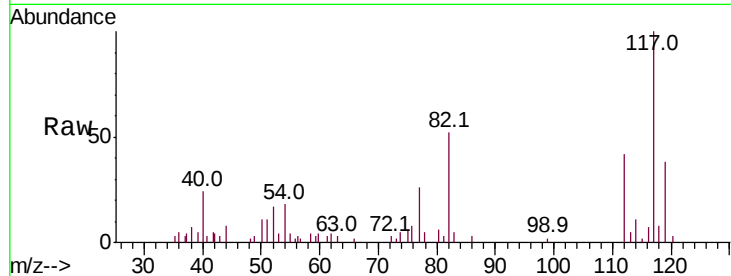
KY038PS027-190514

Tot Ion:112 Resp: 1532

Ion Ratio Lower Upper

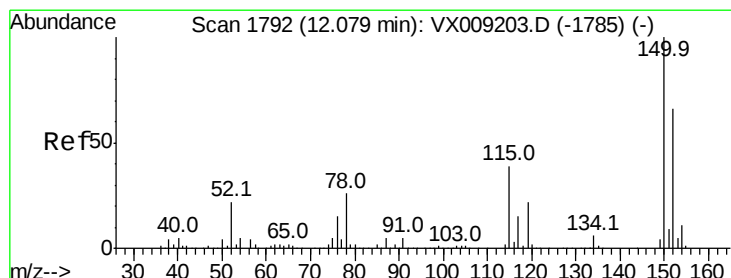
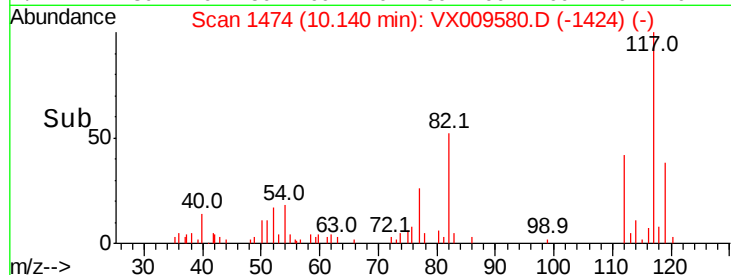
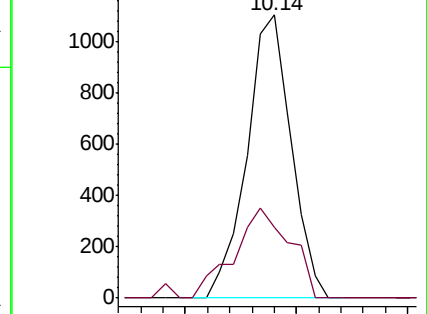
112 100

114 25.0 25.5 38.3#



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: VX009580.D

Acq: 15 May 2019 15:14

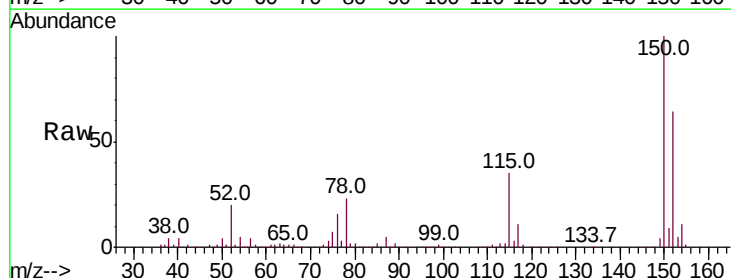
Tgt Ion:152 Resp: 109816

Ion Ratio Lower Upper

152 100

115 57.3 41.2 123.6

150 155.6 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

