

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004107.D
 Acq On : 16 Aug 2018 07:33
 Operator : JC/MD
 Sample : J4495-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW513-180814

Quant Time: Aug 16 16:48:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	407795	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	398697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	238664	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	199078	54.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.54%	
35) Dibromofluoromethane	5.51	113	161814	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
50) Toluene-d8	8.72	98	605715	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.14	95	219097	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

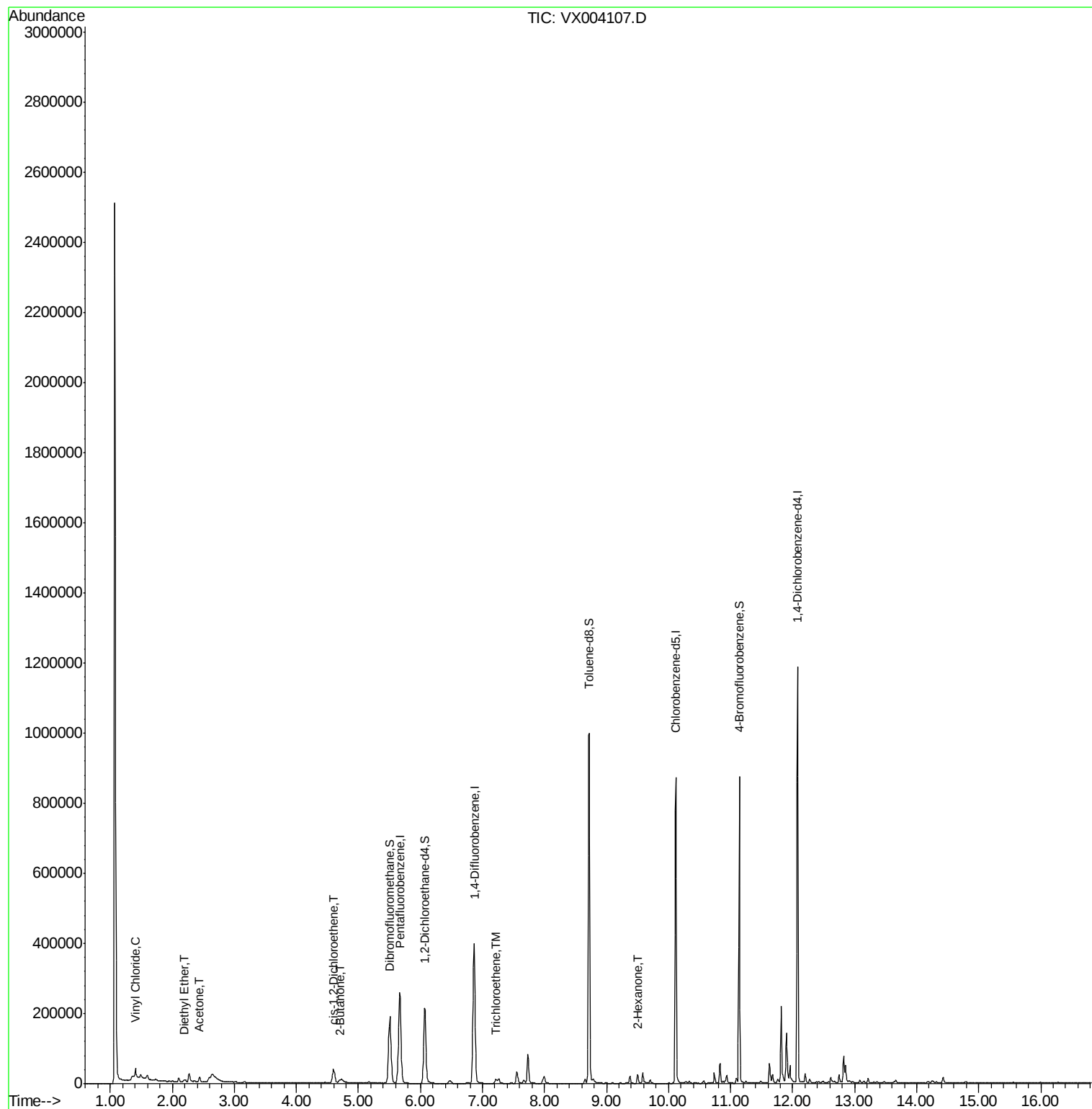
Target Compounds						Qvalue
4) Vinyl Chloride	1.40	62	17287	5.18	ug/l	# 87
8) Diethyl Ether	2.18	74	1823	0.89	ug/l	94
16) Acetone	2.44	43	15163	8.02	ug/l	93
25) 2-Butanone	4.70	43	11509	3.74	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	25100	7.24	ug/l	96
44) Trichloroethene	7.21	130	4533	1.20	ug/l	98
59) 2-Hexanone	9.50	43	13547	2.95	ug/l	93

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX004107.D

Acq: 16 Aug 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

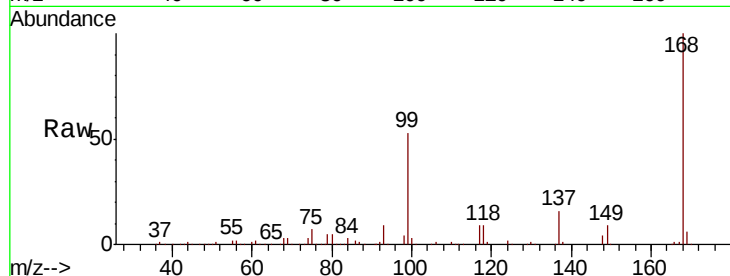
SS050MW513-180814

Tot Ion:168 Resp: 257958

Ion Ratio Lower Upper

168 100

99 52.7 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

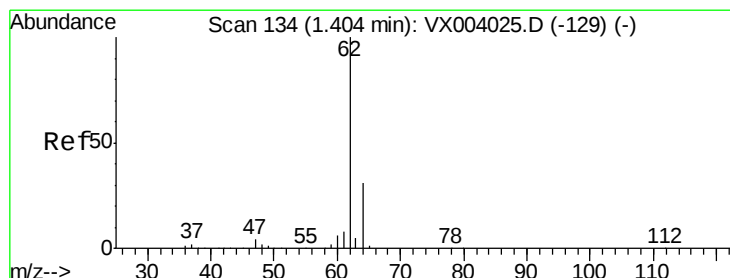
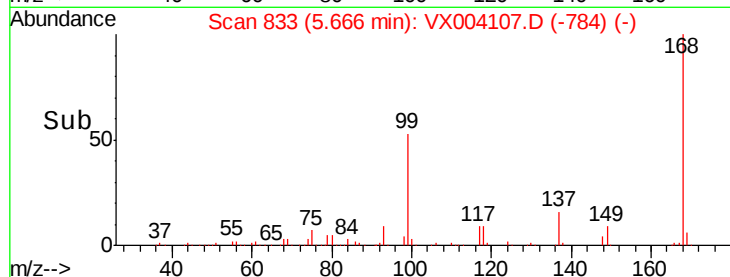
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 5.18 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX004107.D

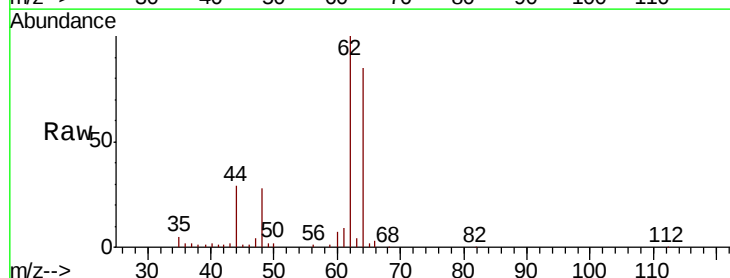
Acq: 16 Aug 2018 07:33

Tgt Ion: 62 Resp: 17287

Ion Ratio Lower Upper

62 100

64 39.5 26.0 39.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

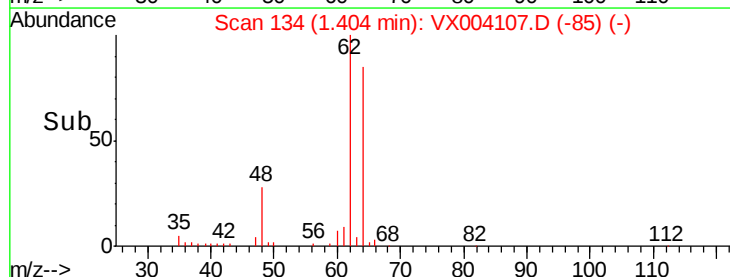
15000

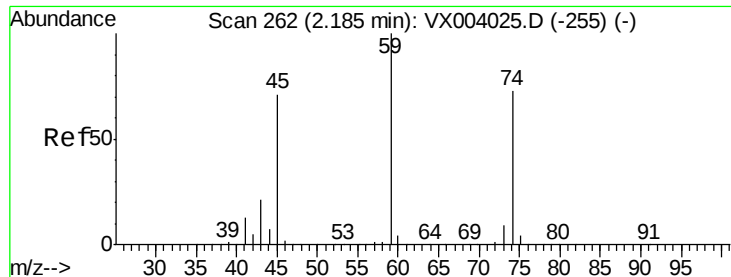
10000

5000

0

Time--> 1.35 1.40 1.45 1.50

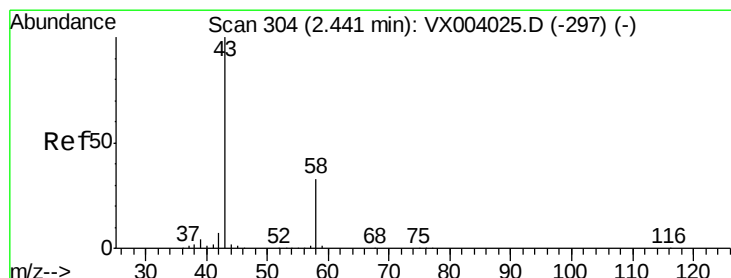
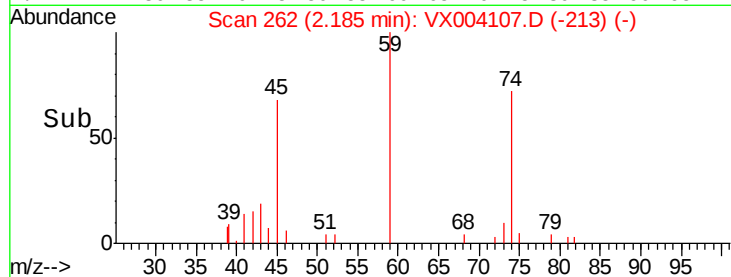
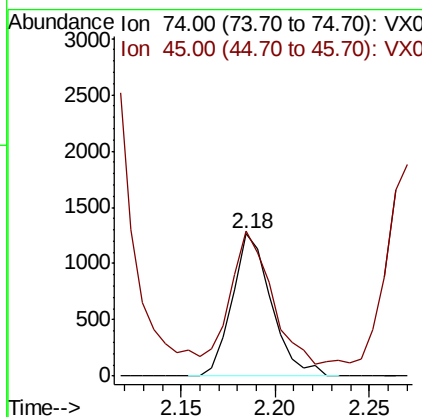
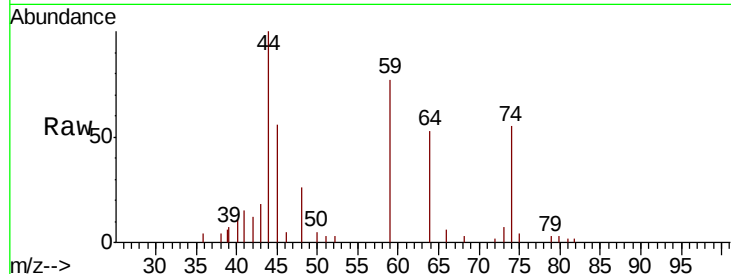




#8
 Diethyl Ether
 Concen: 0.89 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. 0.00 min
 Lab File: VX004107.D
 Acq: 16 Aug 2018 07:33

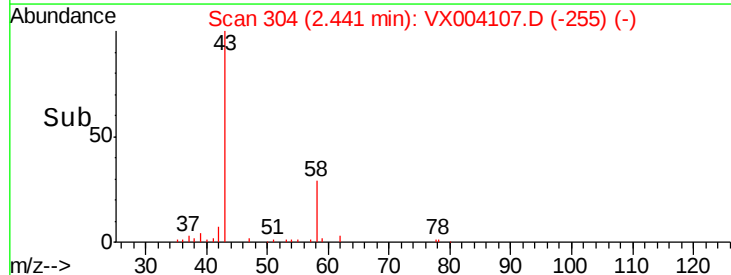
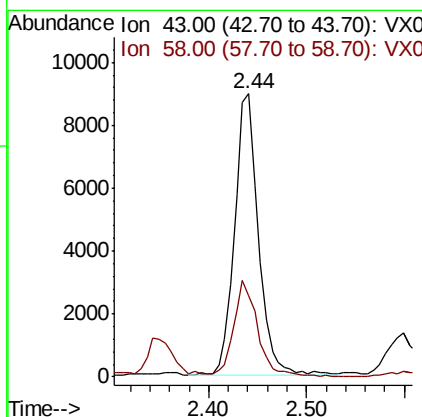
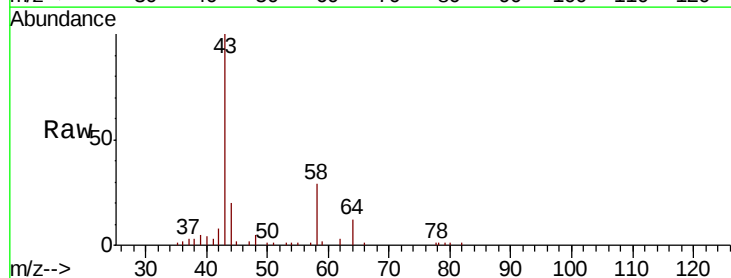
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW513-180814

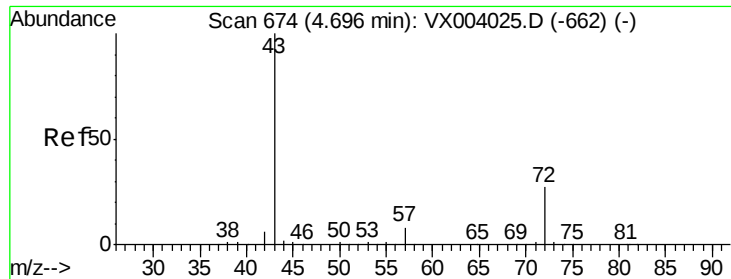
Tot Ion: 74 Resp: 1823
 Ion Ratio Lower Upper
 74 100
 45 102.4 48.3 144.9



#16
 Acetone
 Concen: 8.02 ug/l
 RT: 2.44 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VX004107.D
 Acq: 16 Aug 2018 07:33

Tgt Ion: 43 Resp: 15163
 Ion Ratio Lower Upper
 43 100
 58 29.0 26.4 39.6





#25

2-Butanone

Concen: 3.74 ug/l

RT: 4.70 min Scan# 674

Delta R.T. 0.00 min

Lab File: VX004107.D

Acq: 16 Aug 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

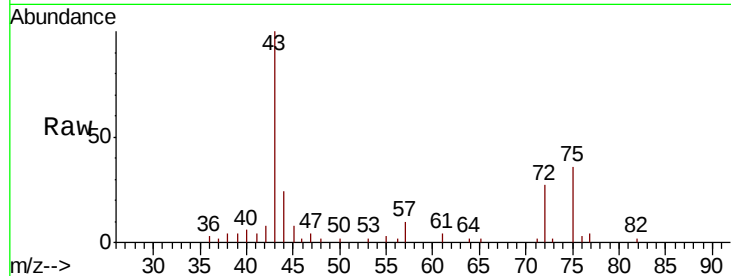
SS050MW513-180814

Tot Ion: 43 Resp: 11509

Ion Ratio Lower Upper

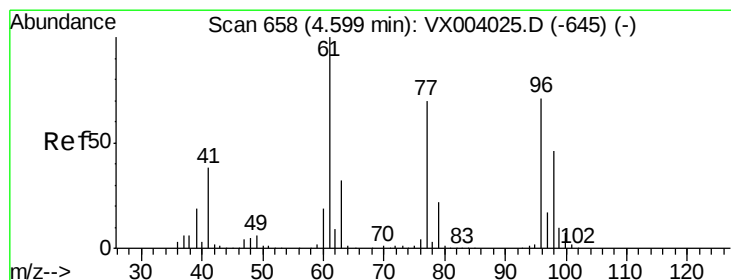
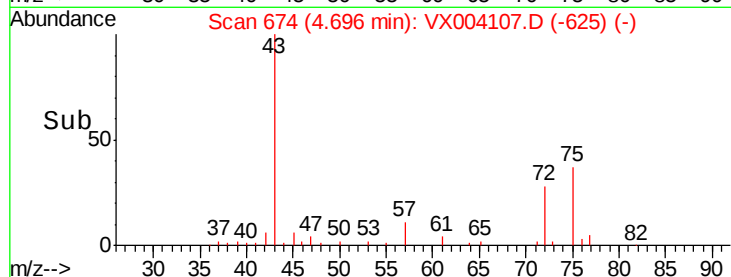
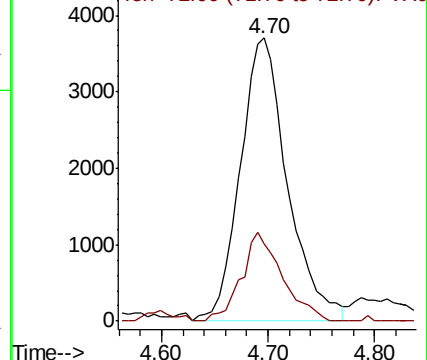
43 100

72 27.2 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 7.24 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX004107.D

Acq: 16 Aug 2018 07:33

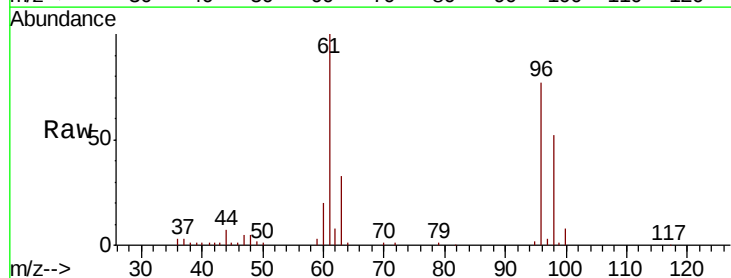
Tgt Ion: 96 Resp: 25100

Ion Ratio Lower Upper

96 100

61 139.6 0.0 293.0

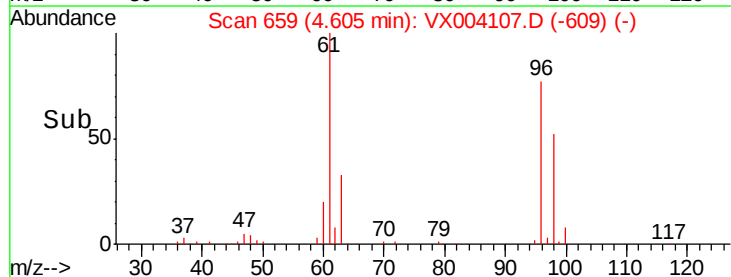
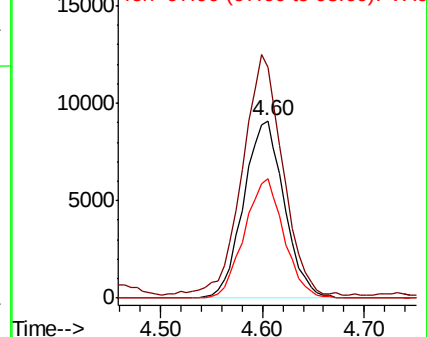
98 65.5 0.0 131.8

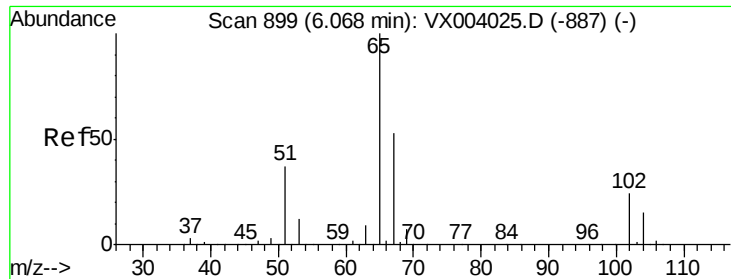


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

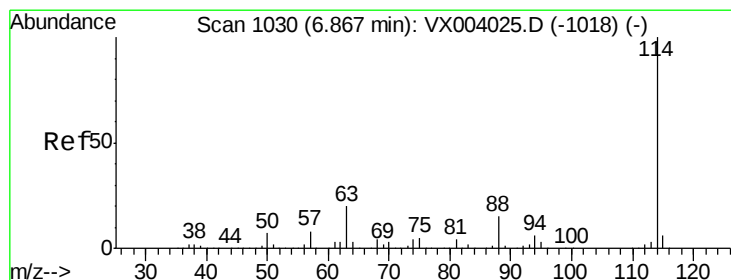
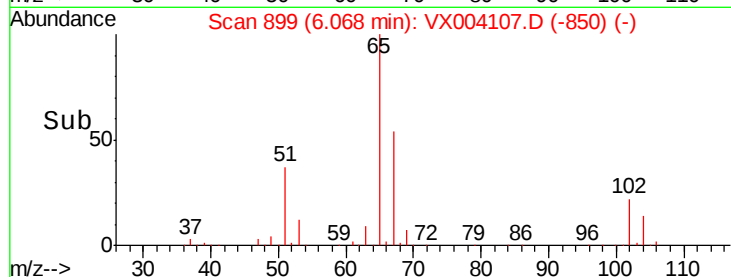
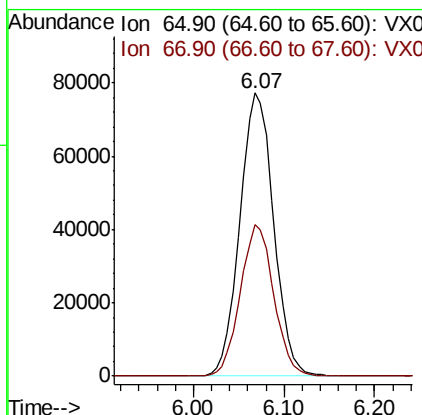
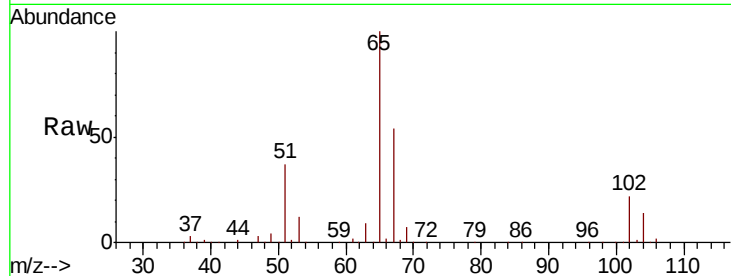




#33
 1,2-Dichloroethane-d4
 Concen: 54.77 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004107.D
 Acq: 16 Aug 2018 07:33

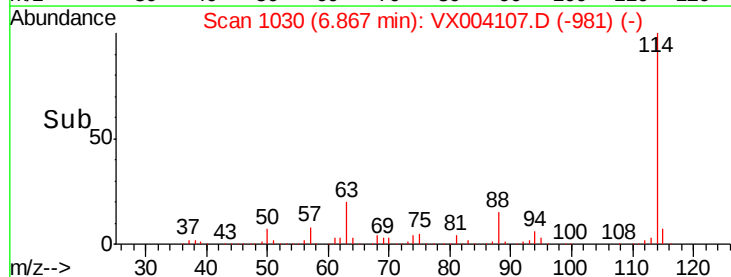
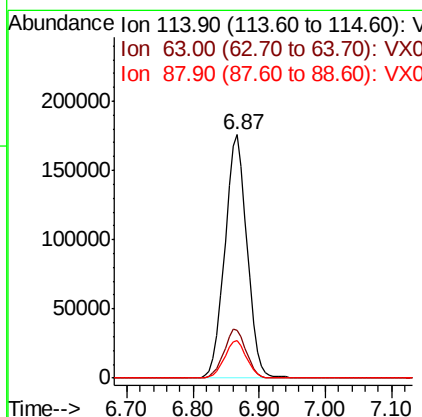
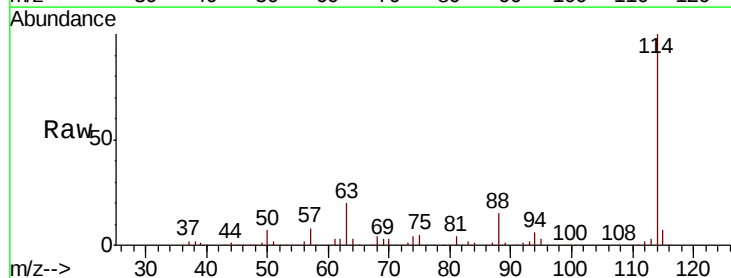
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW513-180814

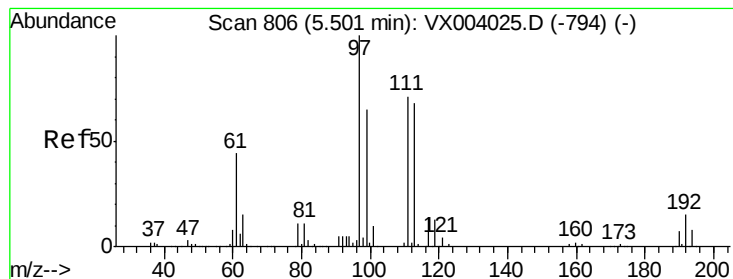
Tot Ion: 65 Resp: 199078
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX004107.D
 Acq: 16 Aug 2018 07:33

Tgt Ion: 114 Resp: 407795
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 53.02 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004107.D

Acq: 16 Aug 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

SS050MW513-180814

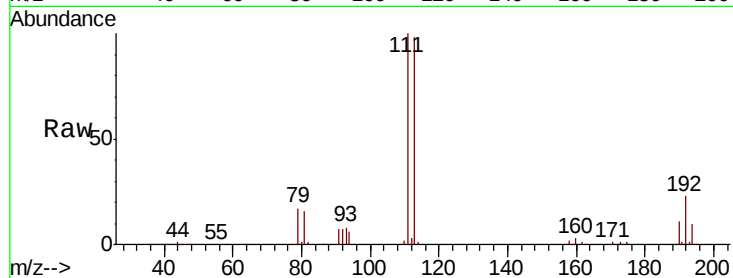
Tot Ion:113 Resp: 161814

Ion Ratio Lower Upper

113 100

111 101.7 82.0 123.0

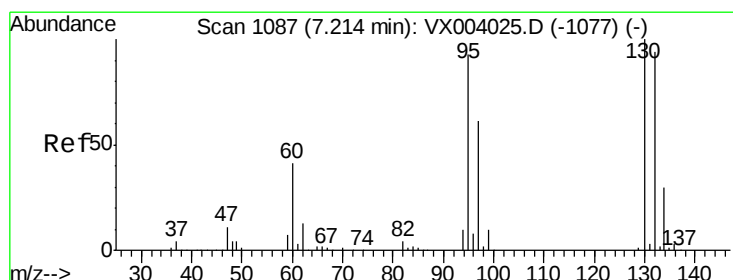
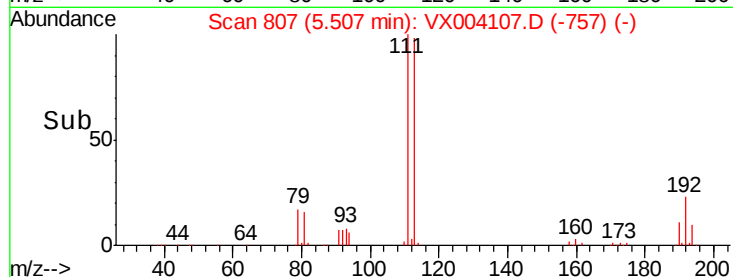
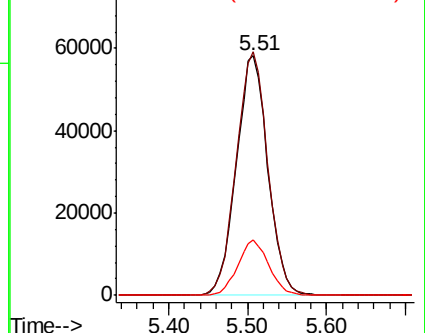
192 22.6 19.0 28.4



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: 1.20 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX004107.D

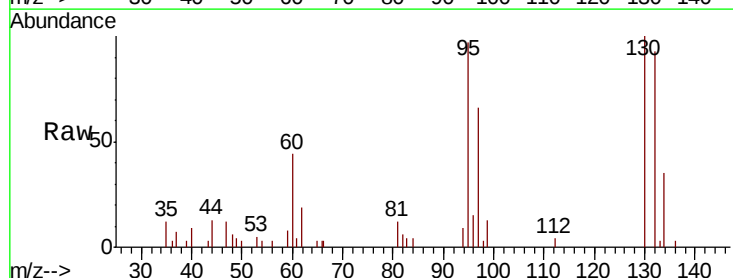
Acq: 16 Aug 2018 07:33

Tgt Ion:130 Resp: 4533

Ion Ratio Lower Upper

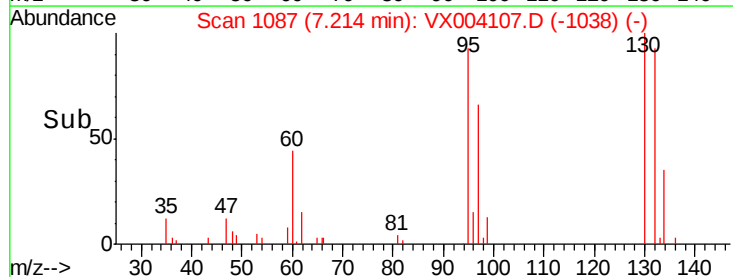
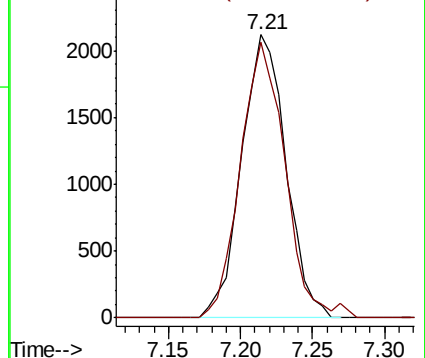
130 100

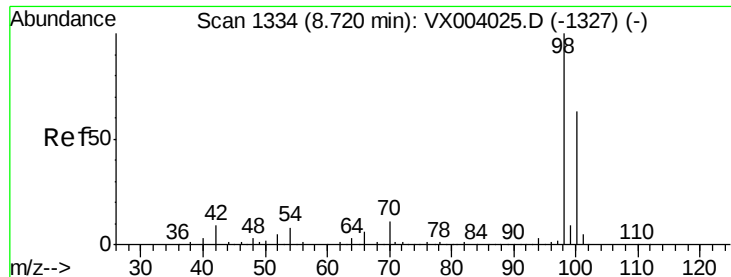
95 97.3 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 48.95 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX004107.D

Acq: 16 Aug 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

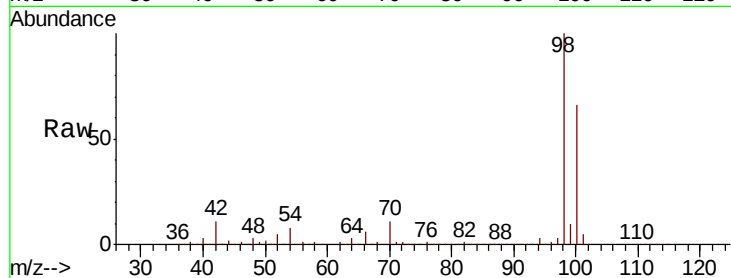
SS050MW513-180814

Tot Ion: 98 Resp: 605715

Ion Ratio Lower Upper

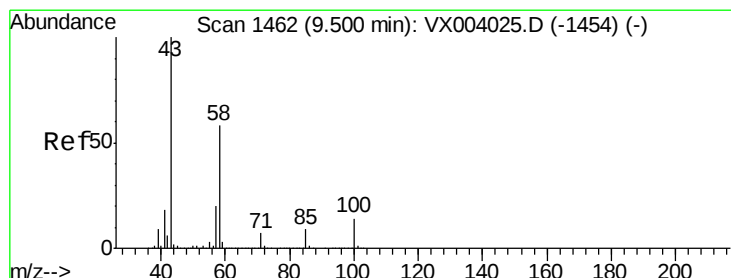
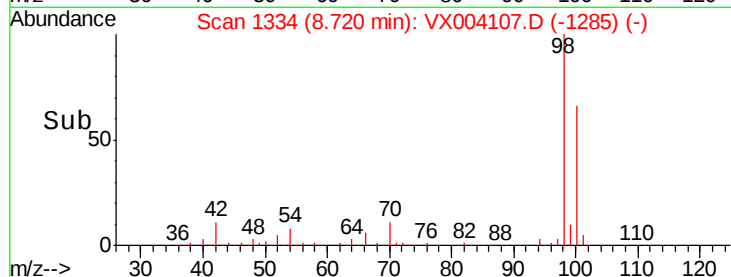
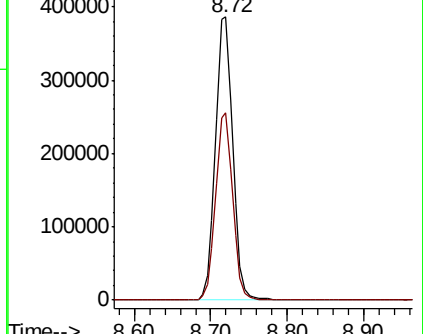
98 100

100 65.4 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#59

2-Hexanone

Concen: 2.95 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VX004107.D

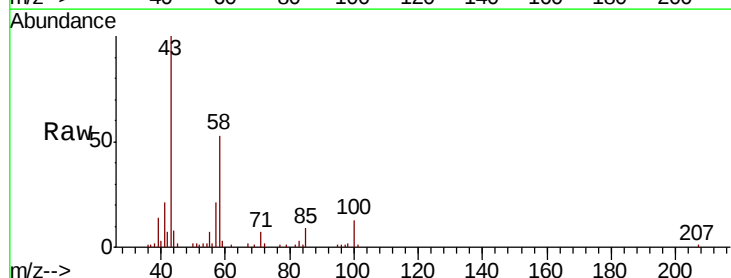
Acq: 16 Aug 2018 07:33

Tgt Ion: 43 Resp: 13547

Ion Ratio Lower Upper

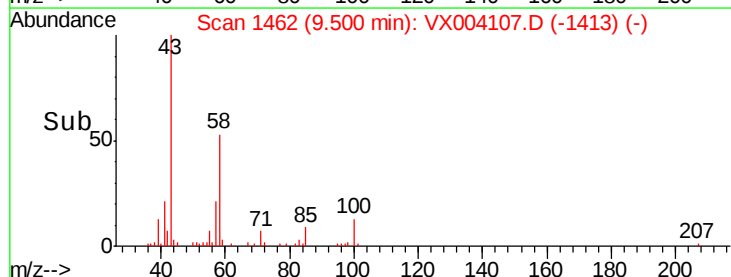
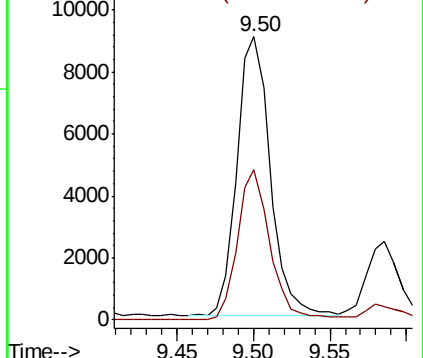
43 100

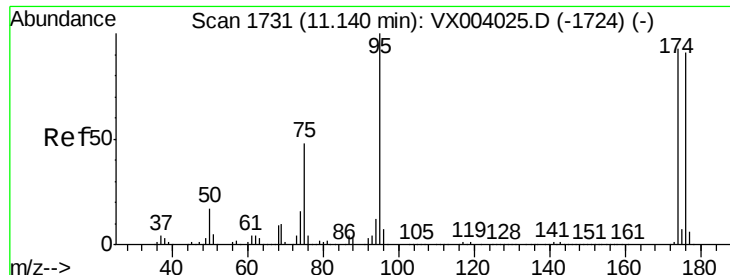
58 52.8 29.0 87.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

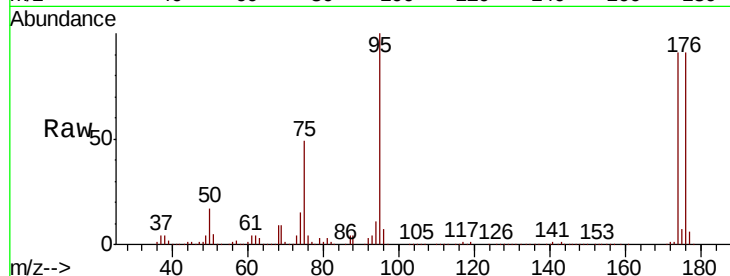




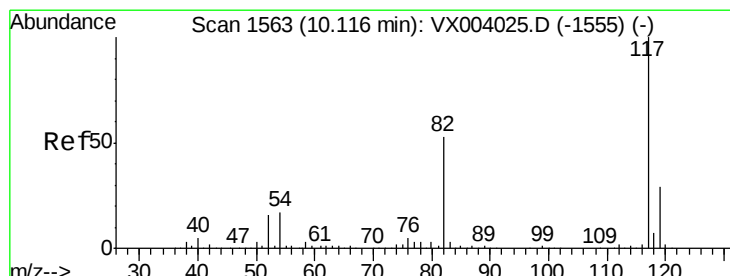
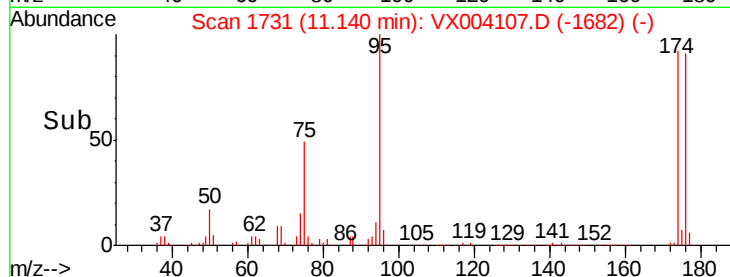
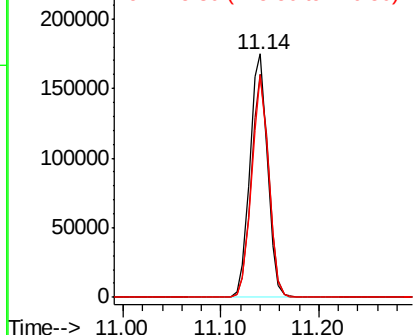
#62
4-Bromofluorobenzene
Concen: 48.82 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX004107.D
Acq: 16 Aug 2018 07:33

Instrument :
MSVOA_X
ClientSampleId :
SS050MW513-180814

Tot Ion	95	Resp	219097
Ion Ratio	Lower	Upper	
95	100		
174	90.8	0.0	182.8
176	88.1	0.0	179.0

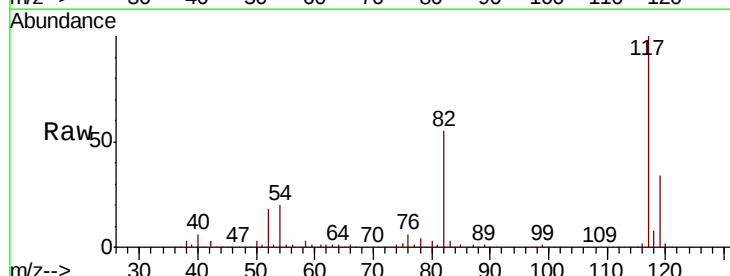


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

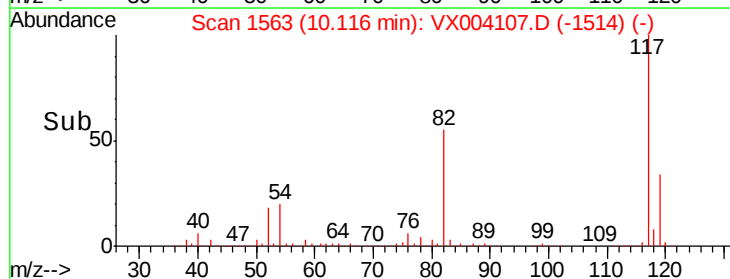
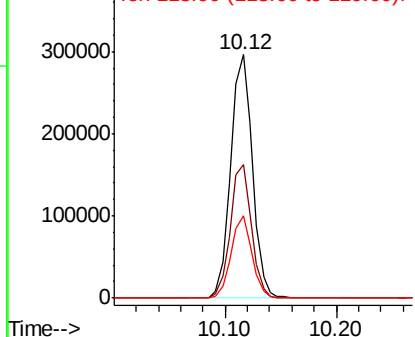


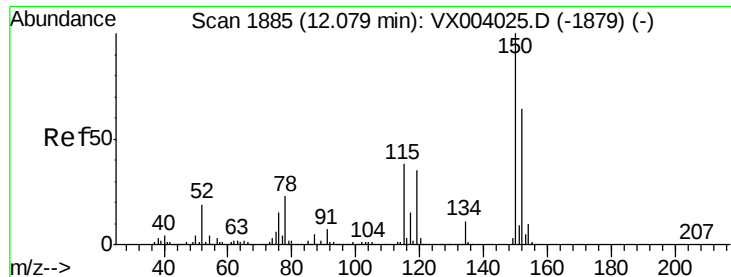
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004107.D
Acq: 16 Aug 2018 07:33

Tgt Ion	117	Resp	398697
Ion Ratio	Lower	Upper	
117	100		
82	54.9	45.4	68.0
119	34.1	26.6	40.0



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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX004107.D

Acq: 16 Aug 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

SS050MW513-180814

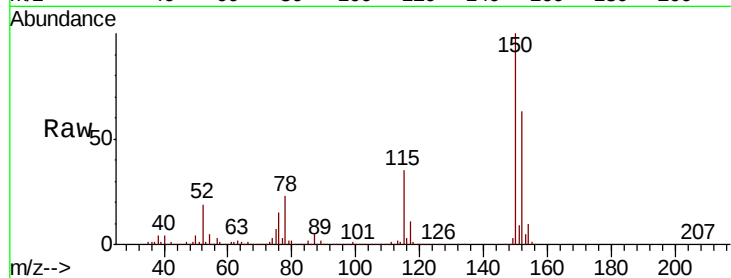
Tot Ion:152 Resp: 238664

Ion Ratio Lower Upper

152 100

115 54.8 39.1 117.3

150 159.1 0.0 349.2



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

