

Data File : VX005079.D
Acq On : 05 Oct 2018 21:05
Operator : JC/MD
Sample : J5207-13DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-TW510-3236DL

Quant Time: Oct 06 00:14:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	224283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	352389	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196996	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	170759	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
35) Dibromofluoromethane	5.51	113	150383	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	8.72	98	509203	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.14	95	186973	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	

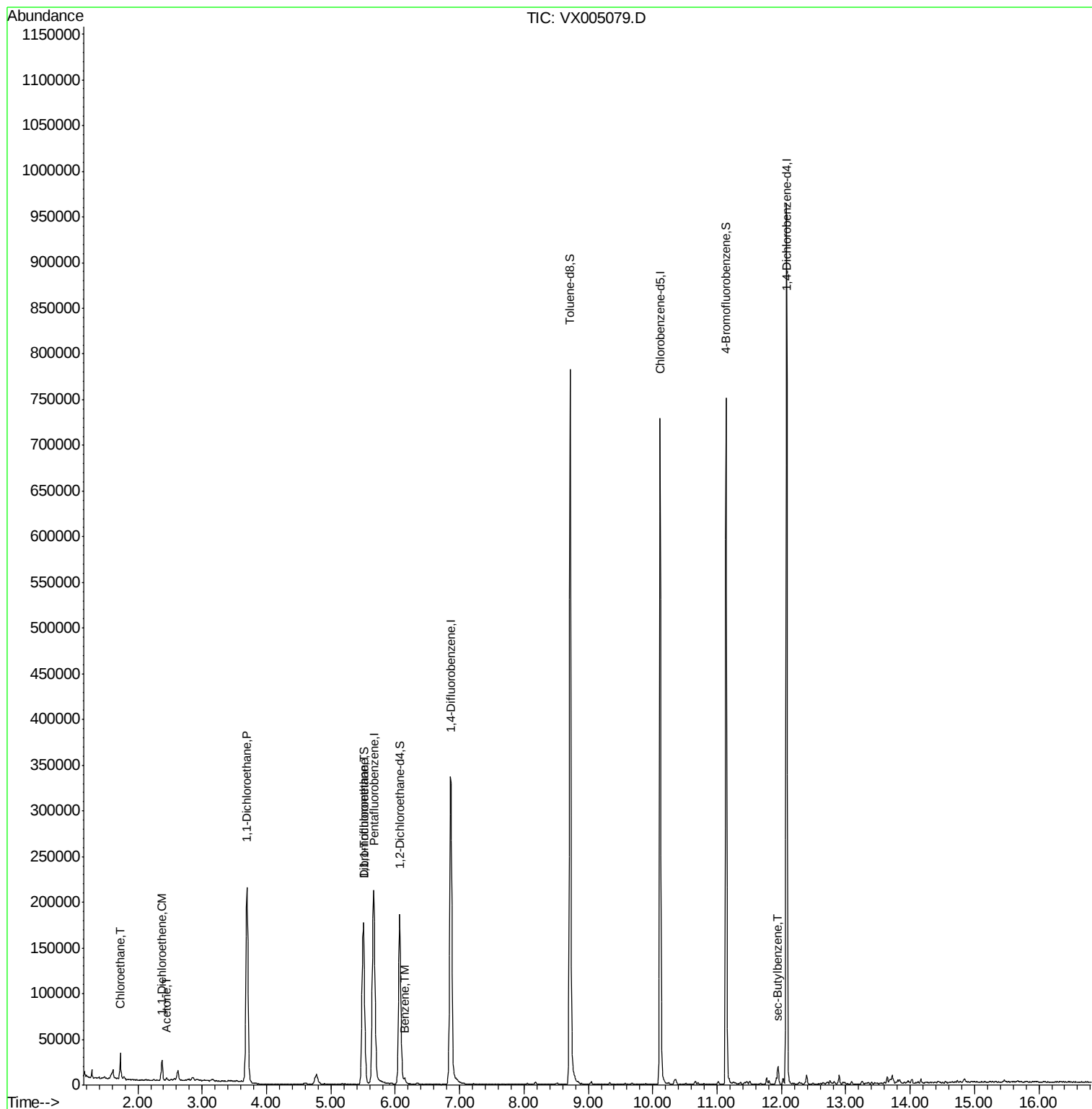
Target Compounds				Qvalue		
6) Chloroethane	1.73	64	18743	7.925	ug/l	95
12) 1,1-Dichloroethene	2.37	96	7624	3.137	ug/l #	78
16) Acetone	2.45	43	2859	1.528	ug/l	96
24) 1,1-Dichloroethane	3.70	63	245483	46.090	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	5198	1.264	ug/l #	49
40) Benzene	6.15	78	6159	0.483	ug/l	91
85) sec-Butylbenzene	11.94	105	10209	0.820	ug/l	84

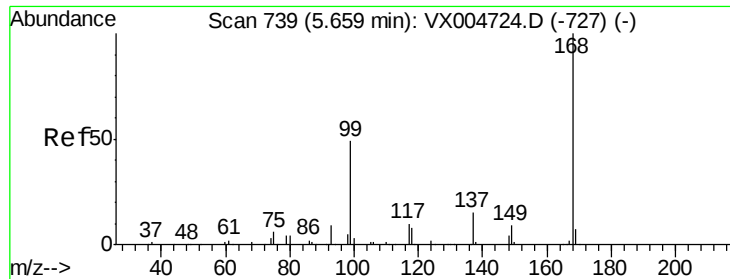
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX005079.D

Acq: 05 Oct 2018 21:05

Instrument :

MSVOA_X

ClientSampleId :

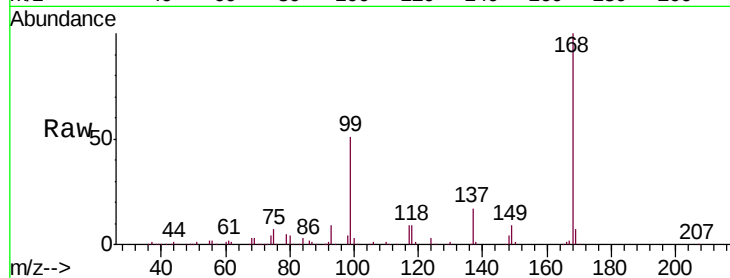
SA-TW510-3236DL

Tgt Ion:168 Resp: 224283

Ion Ratio Lower Upper

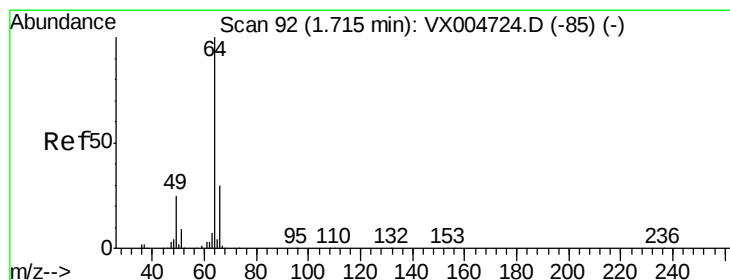
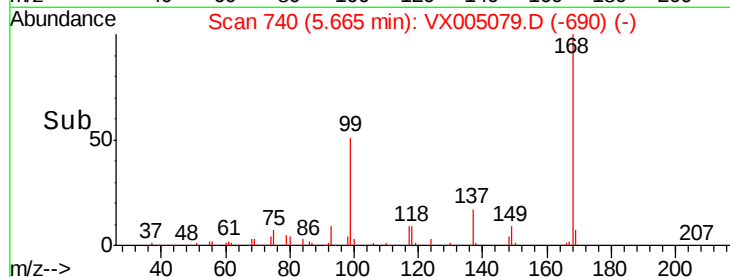
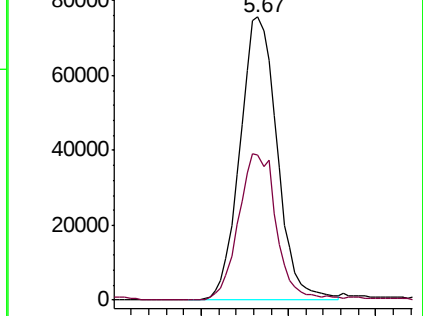
168 100

99 51.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 7.925 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX005079.D

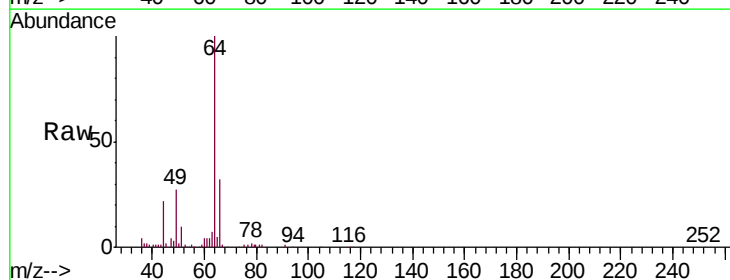
Acq: 05 Oct 2018 21:05

Tgt Ion: 64 Resp: 18743

Ion Ratio Lower Upper

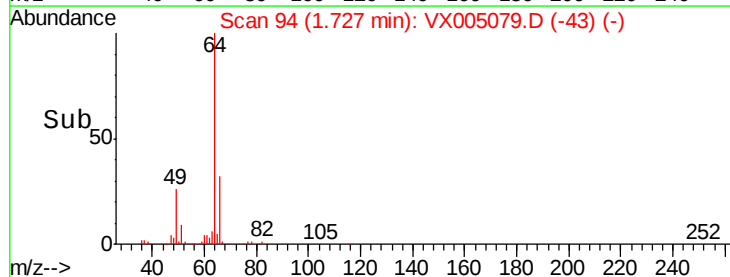
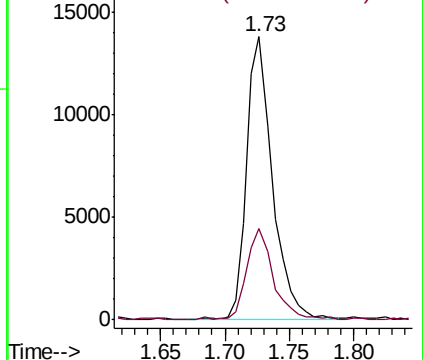
64 100

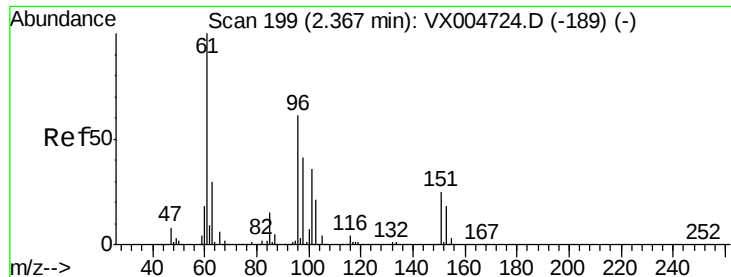
66 32.4 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#12

1,1-Dichloroethene

Concen: 3.137 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.00 min

Lab File: VX005079.D

Acq: 05 Oct 2018 21:05

Instrument :

MSVOA_X

ClientSampleId :

SA-TW510-3236DL

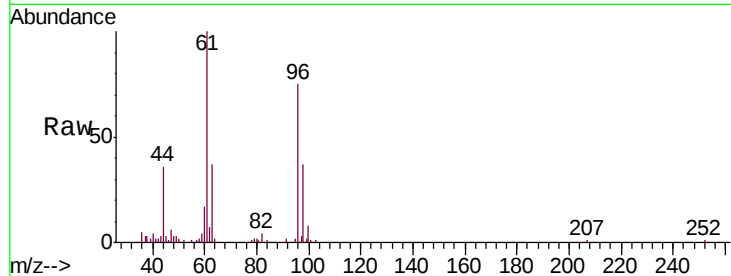
Tgt Ion: 96 Resp: 7624

Ion Ratio Lower Upper

96 100

61 134.0 130.2 195.4

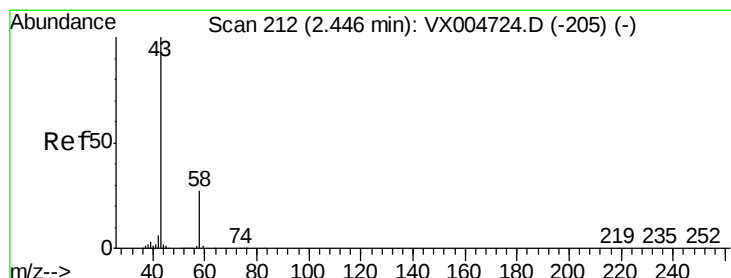
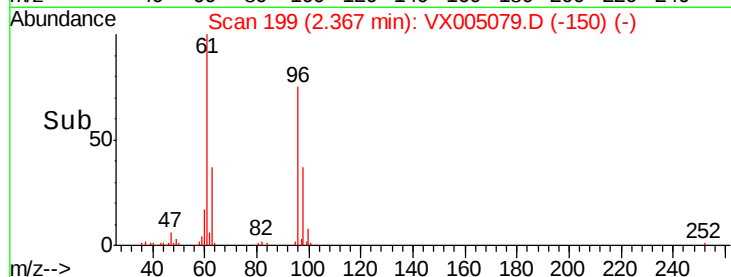
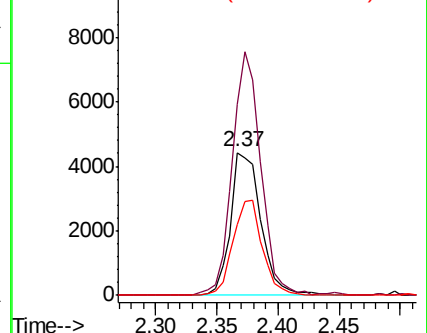
98 49.5 53.4 80.0#



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



#16

Acetone

Concen: 1.528 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005079.D

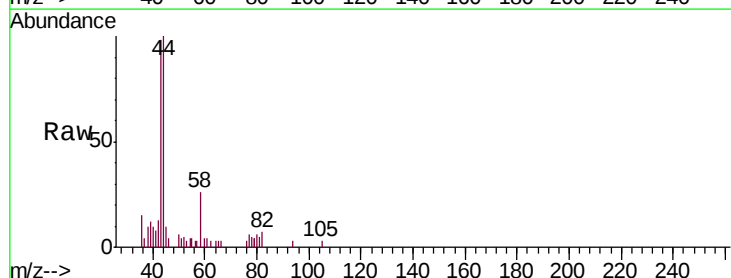
Acq: 05 Oct 2018 21:05

Tgt Ion: 43 Resp: 2859

Ion Ratio Lower Upper

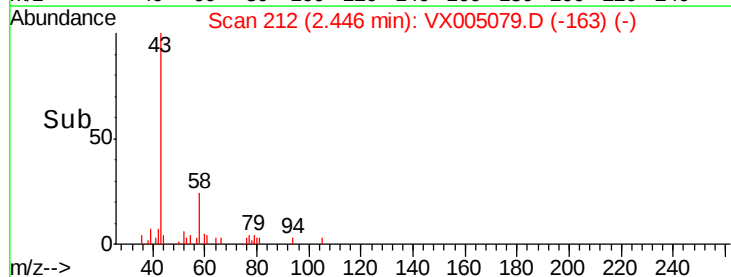
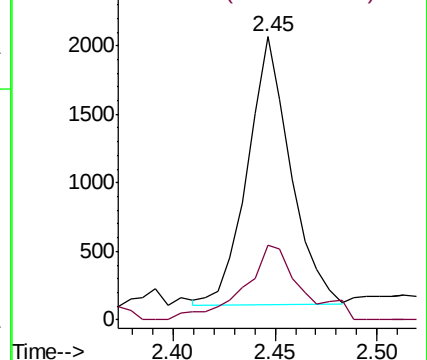
43 100

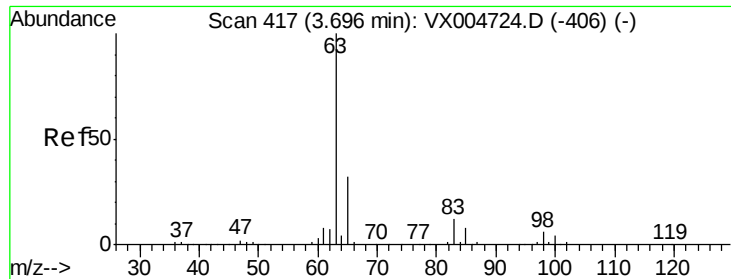
58 25.1 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#24

1,1-Dichloroethane

Concen: 46.090 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005079.D

Acq: 05 Oct 2018 21:05

Instrument :

MSVOA_X

ClientSampleId :

SA-TW510-3236DL

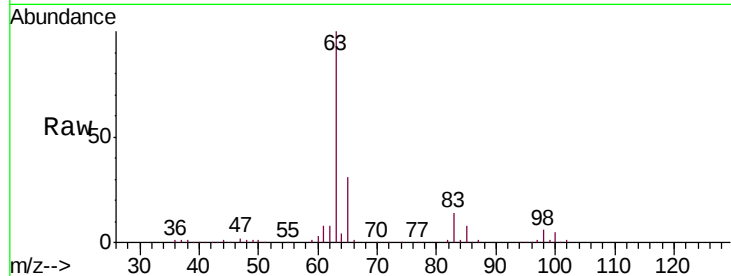
Tgt Ion: 63 Resp: 245483

Ion Ratio Lower Upper

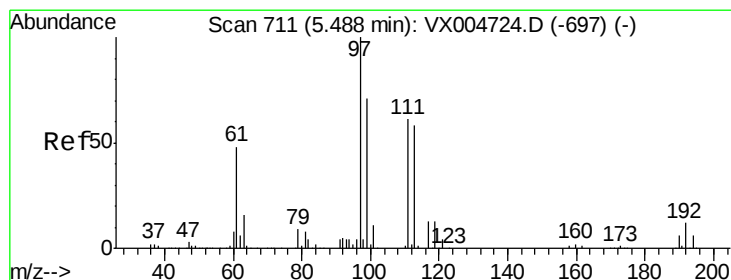
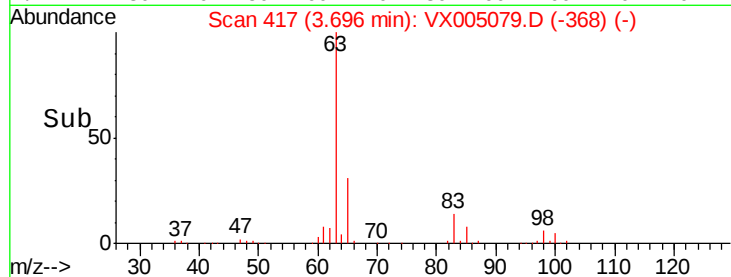
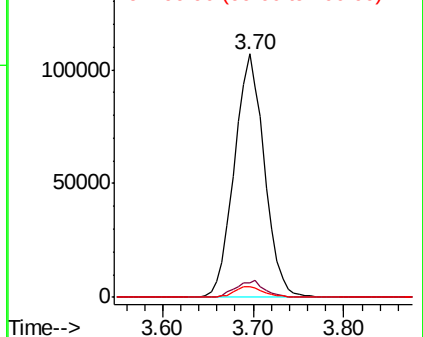
63 100

98 6.1 3.0 9.2

100 4.5 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#32

1,1,1-Trichloroethane

Concen: 1.264 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX005079.D

Acq: 05 Oct 2018 21:05

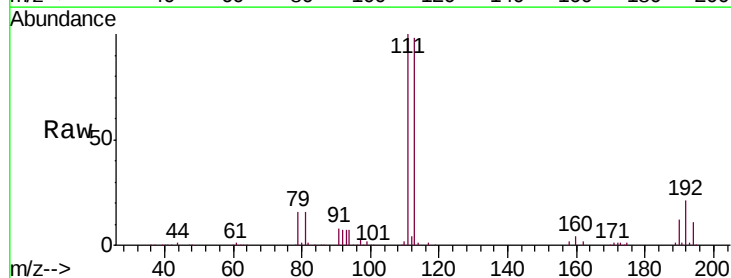
Tgt Ion: 97 Resp: 5198

Ion Ratio Lower Upper

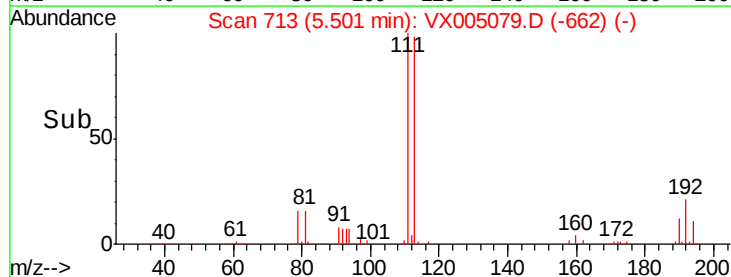
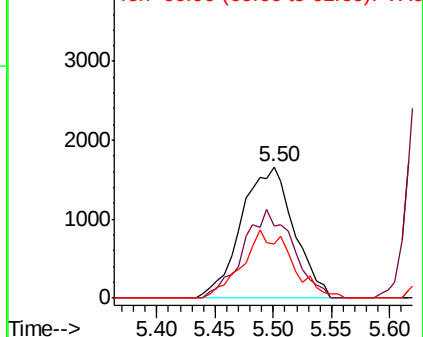
97 100

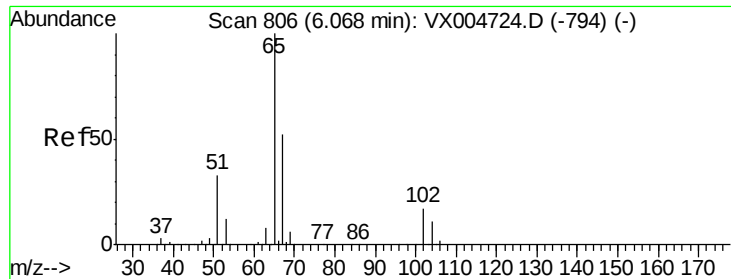
99 0.0 54.6 82.0#

61 48.3 37.5 56.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

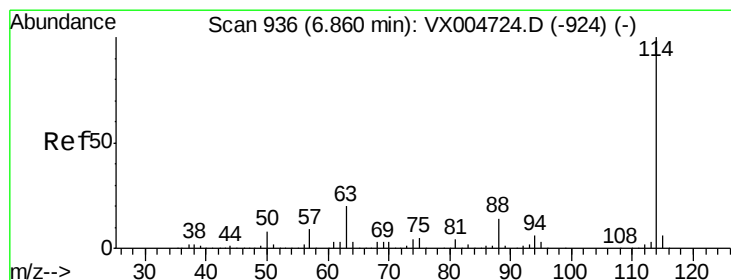
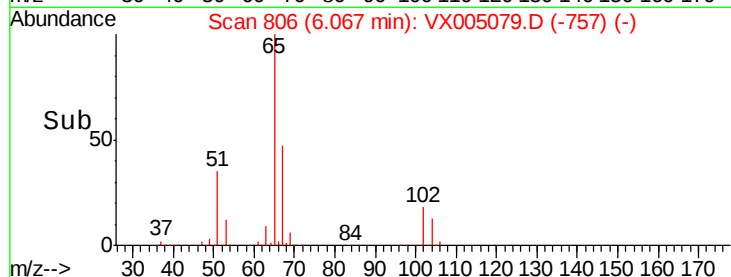
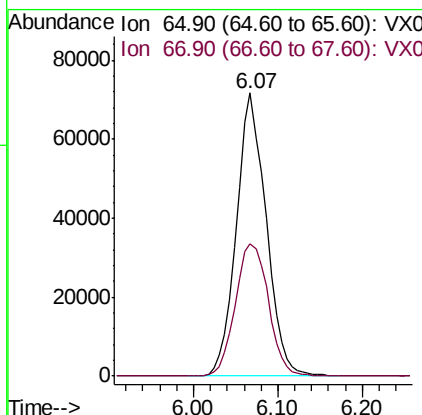
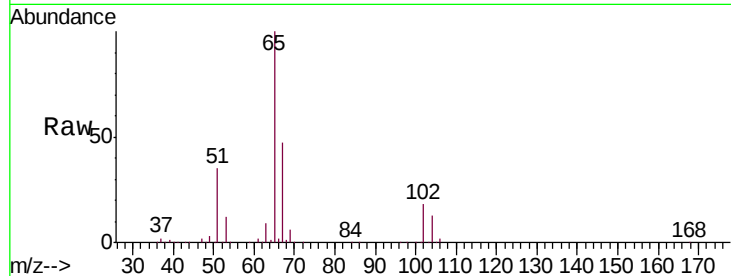




#33
 1,2-Dichloroethane-d4
 Concen: 53.297 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005079.D
 Acq: 05 Oct 2018 21:05

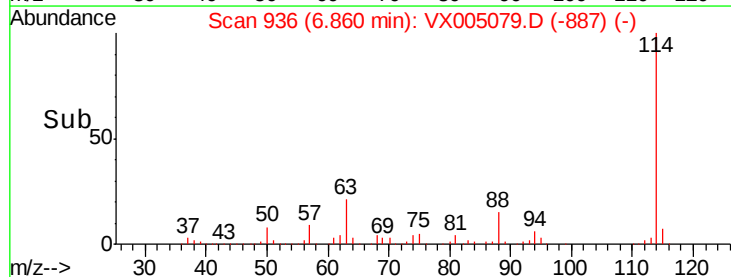
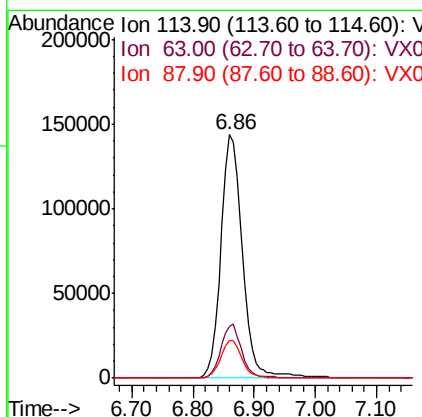
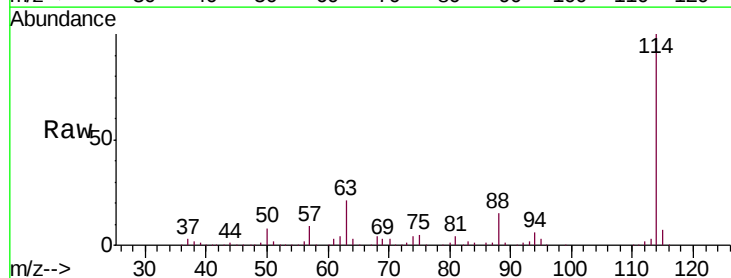
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW510-3236DL

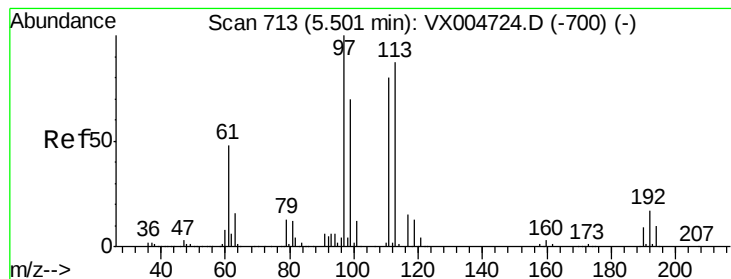
Tgt Ion: 65 Resp: 170759
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005079.D
 Acq: 05 Oct 2018 21:05

Tgt Ion: 114 Resp: 352389
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 39.8
 88 15.4 0.0 27.0





#35

Dibromofluoromethane

Concen: 50.354 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005079.D

Acq: 05 Oct 2018 21:05

Instrument :

MSVOA_X

ClientSampleId :

SA-TW510-3236DL

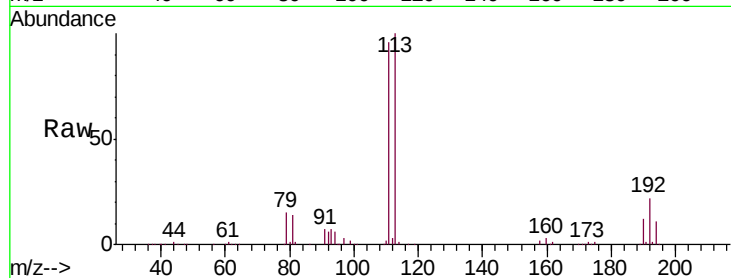
Tgt Ion:113 Resp: 150383

Ion Ratio Lower Upper

113 100

111 99.5 77.0 115.4

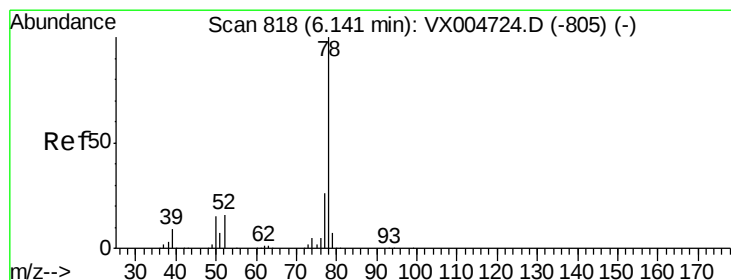
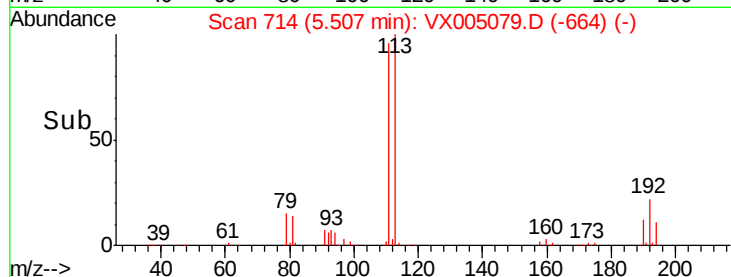
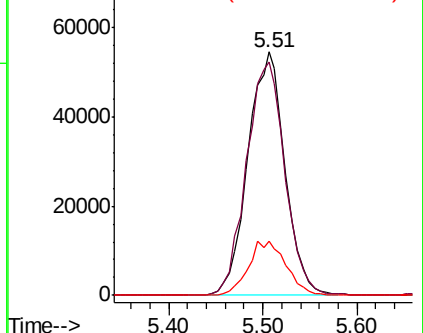
192 22.9 17.0 25.6



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



#40

Benzene

Concen: 0.483 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX005079.D

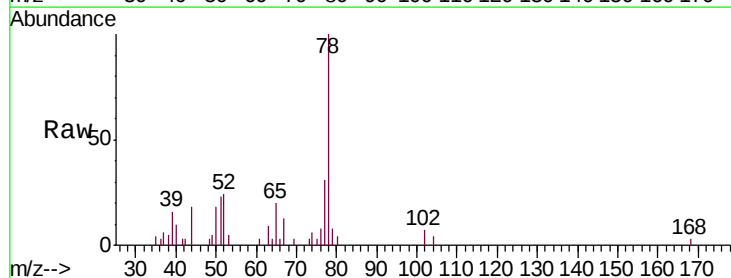
Acq: 05 Oct 2018 21:05

Tgt Ion: 78 Resp: 6159

Ion Ratio Lower Upper

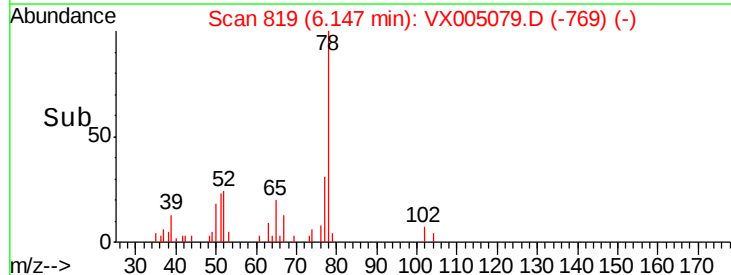
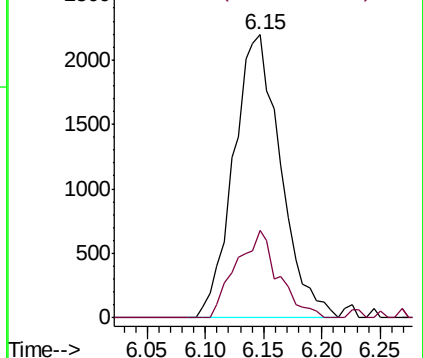
78 100

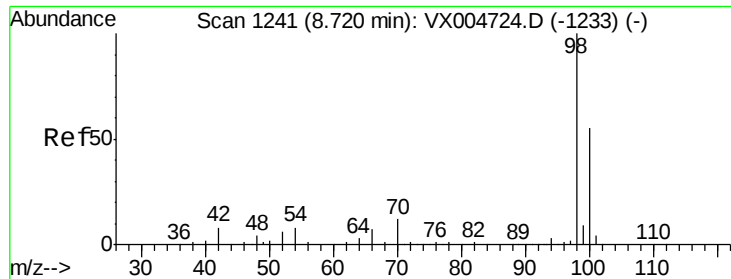
77 31.0 21.0 31.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

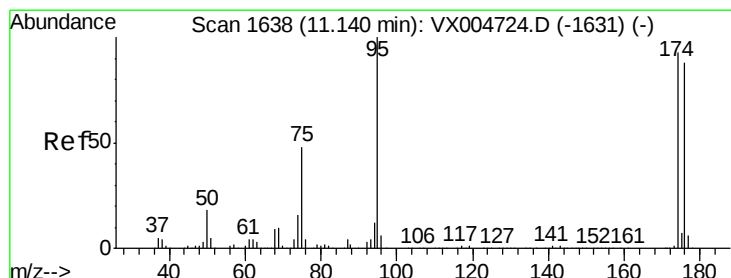
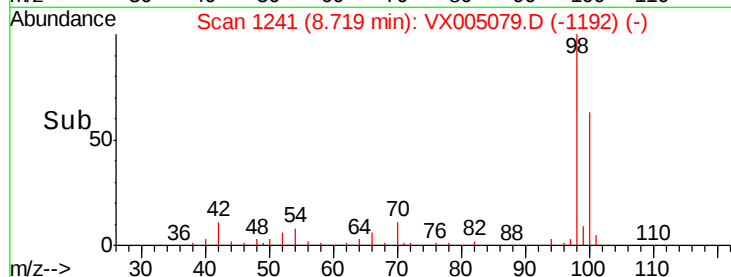
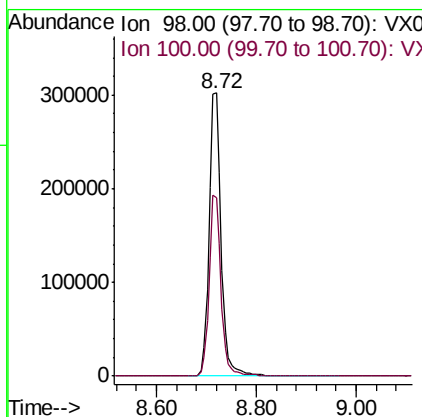
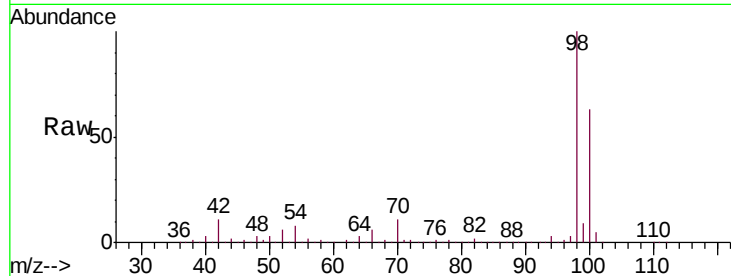




#50
Toluene-d8
Concen: 51.286 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005079.D
Acq: 05 Oct 2018 21:05

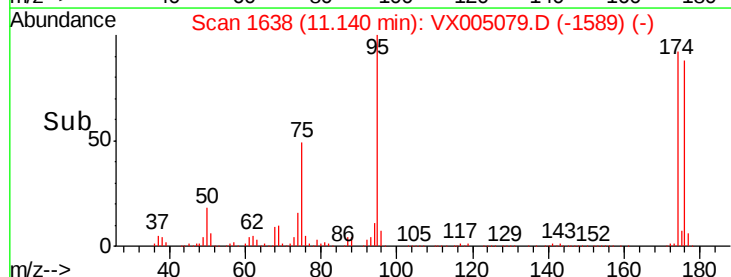
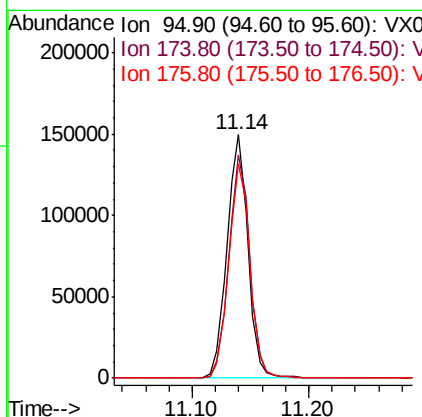
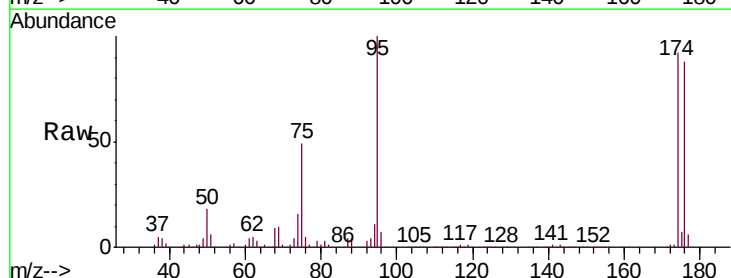
Instrument :
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SA-TW510-3236DL

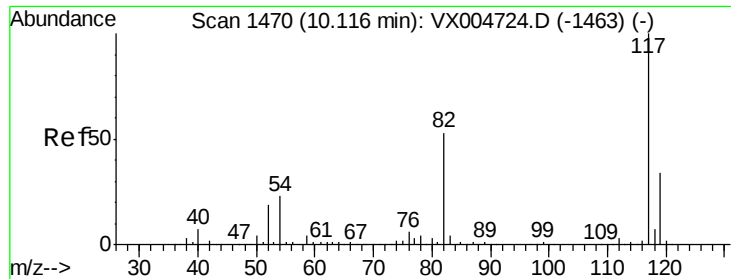
Tgt Ion: 98 Resp: 509203
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.273 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005079.D
Acq: 05 Oct 2018 21:05

Tgt Ion: 95 Resp: 186973
Ion Ratio Lower Upper
95 100
174 92.6 0.0 185.0
176 89.0 0.0 180.2

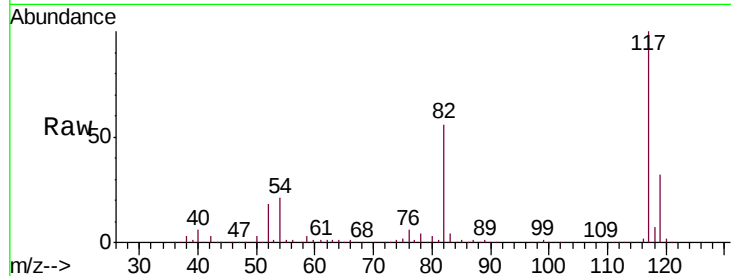




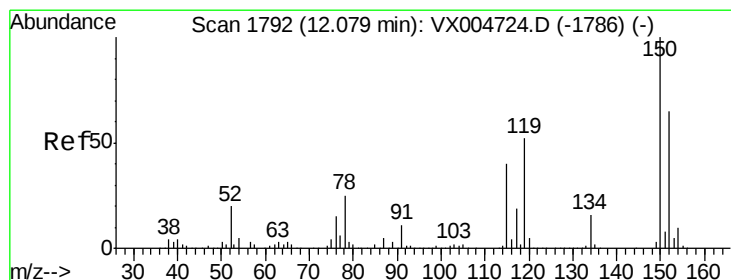
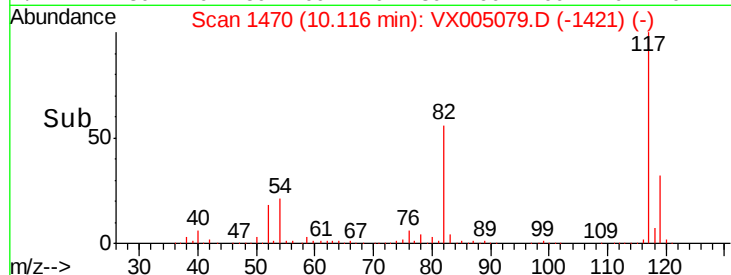
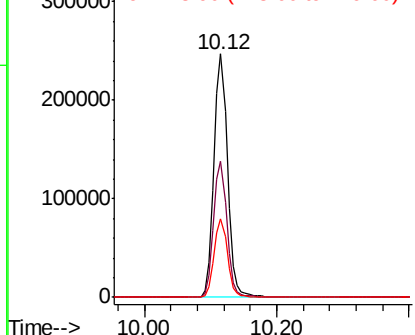
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005079.D
Acq: 05 Oct 2018 21:05

Instrument :
MSVOA_X
ClientSampleId :
SA-TW510-3236DL

Tgt Ion:117 Resp: 347389
Ion Ratio Lower Upper
117 100
82 55.7 42.2 63.4
119 32.4 27.4 41.0

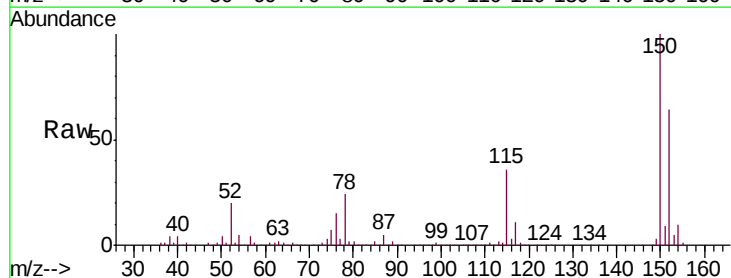


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

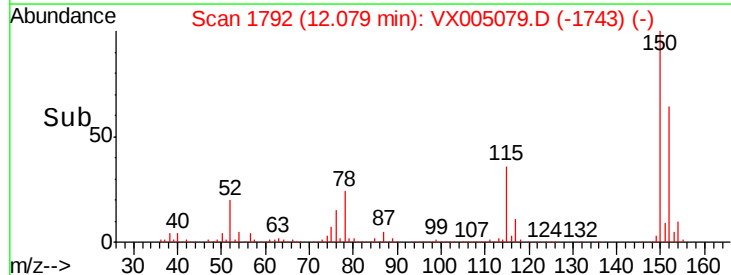
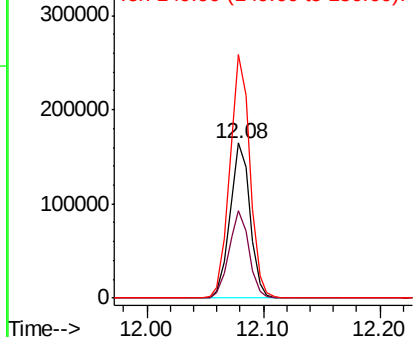


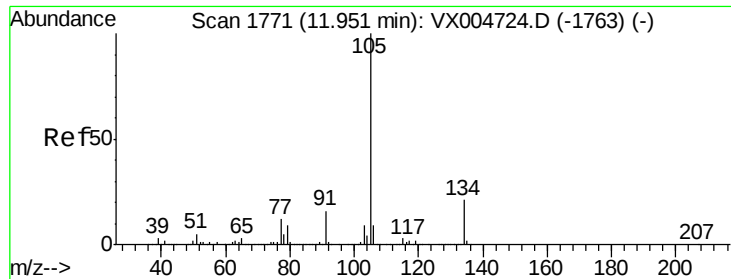
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005079.D
Acq: 05 Oct 2018 21:05

Tgt Ion:152 Resp: 196996
Ion Ratio Lower Upper
152 100
115 56.1 40.2 120.6
150 157.5 0.0 351.0



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





#85
 sec-Butylbenzene
 Concen: 0.820 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX005079.D
 Acq: 05 Oct 2018 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW510-3236DL

Tgt Ion:105 Resp: 10209
 Ion Ratio Lower Upper
 105 100
 134 27.7 10.2 30.4

