

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042419\
 Data File : VD061993.D
 Acq On : 24 Apr 2019 13:00
 Operator : VA/AP
 Sample : K2515-10
 Misc : 5.80g/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9-2

Quant Time: Apr 24 13:39:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

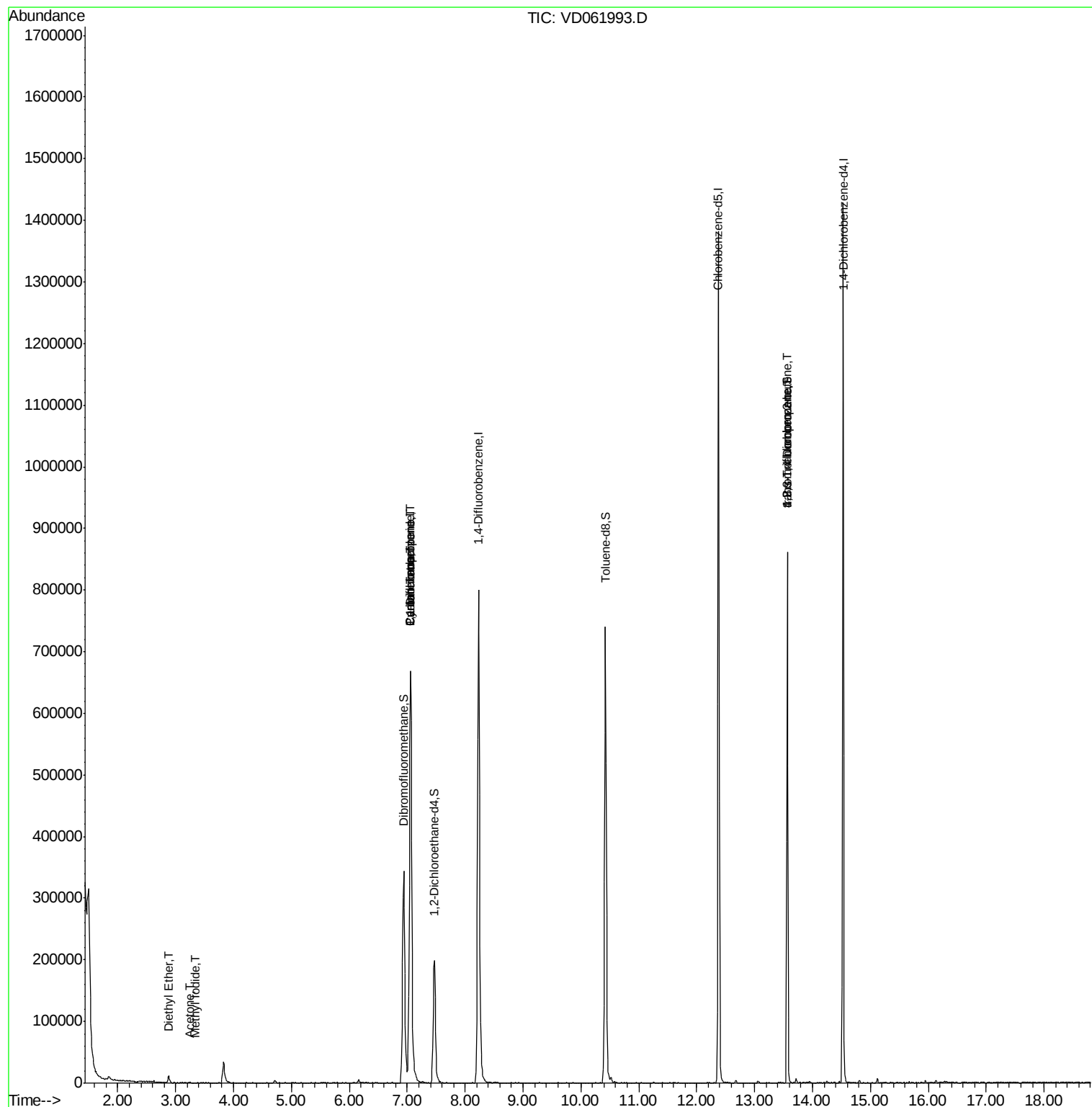
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	675946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	970182	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	866224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	349242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	199225	37.66	ug/l	0.01
Spiked Amount 50.000			Recovery	=	75.32%	
35) Dibromofluoromethane	6.94	113	320040	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
50) Toluene-d8	10.42	98	636440	39.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.72%	
62) 4-Bromofluorobenzene	13.56	95	251697	39.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.60%	
Target Compounds						
8) Diethyl Ether	2.88	74	5150	2.733	ug/l	94
10) Methyl Iodide	3.34	142	380	5.463	ug/l #	37
16) Acetone	3.24	43	1455	1.152	ug/l #	50
31) Cyclohexane	7.06	56	10893	1.382	ug/l #	1
36) 1,1-Dichloropropene	7.06	75	49727	6.579	ug/l #	47
38) Carbon Tetrachloride	7.06	117	61878	6.460	ug/l #	17
76) 1,2,3-Trichloropropane	13.56	75	71354	16.089	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.56	75	97621	72.638	ug/l #	16

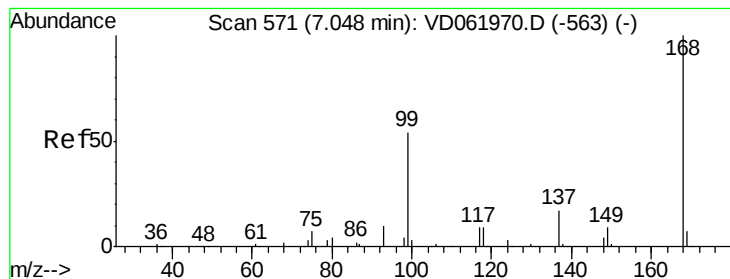
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD042419\
Data File : VD061993.D
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MSVOA_D
ClientSampleId :
TP-9-2

Quant Time: Apr 24 13:39:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.00 min

Lab File: VD061993.D

Acq: 24 Apr 2019 13:00

Instrument :

MSVOA_D

ClientSampleId :

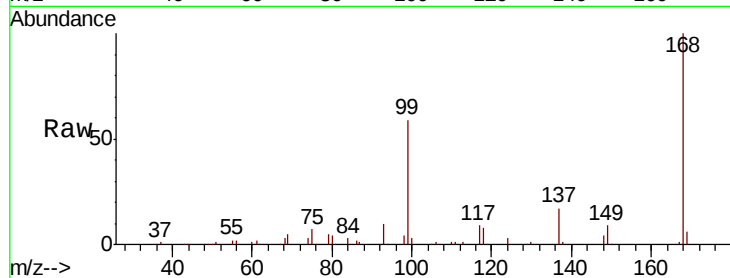
TP-9-2

Tgt Ion:168 Resp: 675946

Ion Ratio Lower Upper

168 100

99 58.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

150000

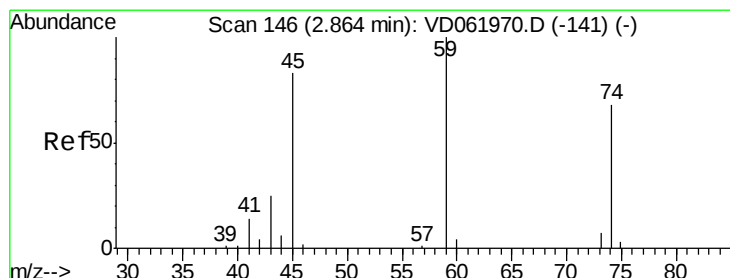
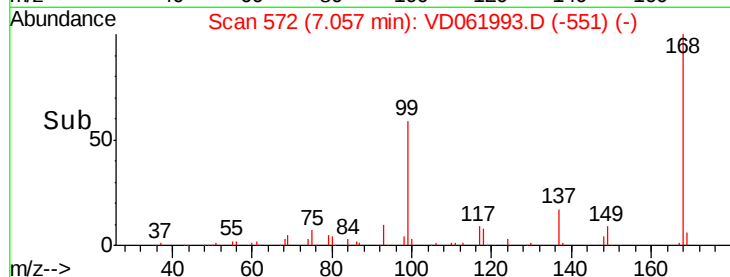
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#8

Diethyl Ether

Concen: 2.733 ug/l

RT: 2.88 min Scan# 148

Delta R.T. 0.00 min

Lab File: VD061993.D

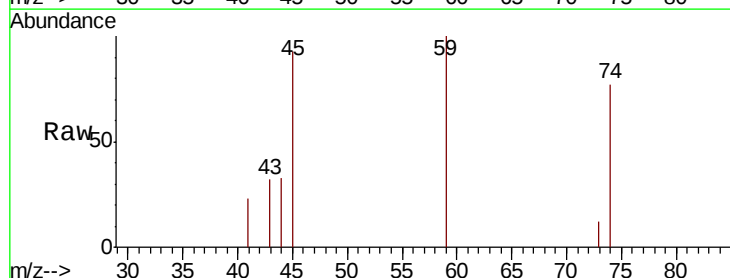
Acq: 24 Apr 2019 13:00

Tgt Ion: 74 Resp: 5150

Ion Ratio Lower Upper

74 100

45 120.0 56.9 170.7



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

2.88

3000

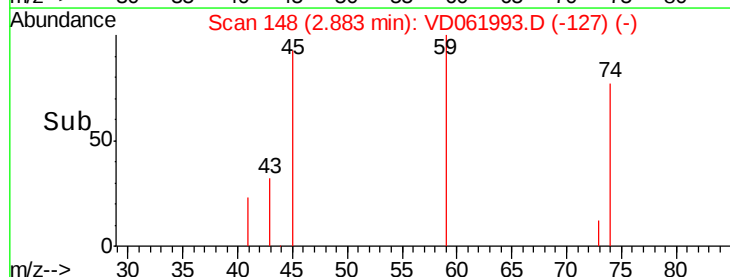
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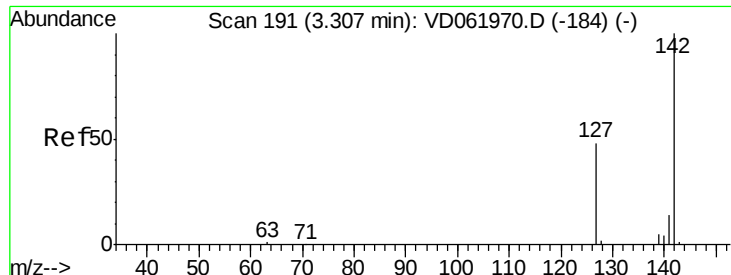
1000

0

2.80 2.85 2.90 2.95

Time-->

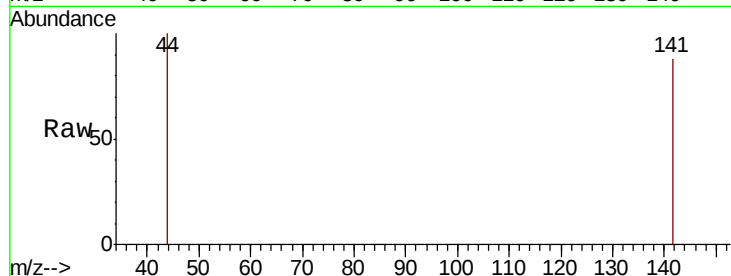




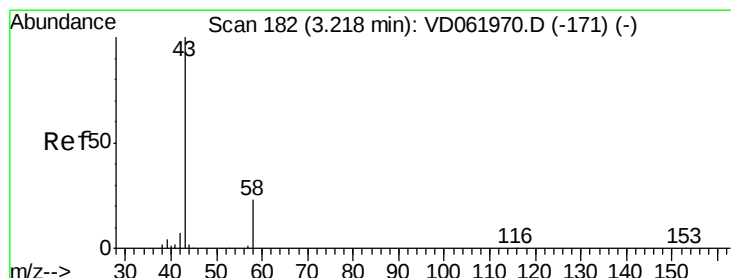
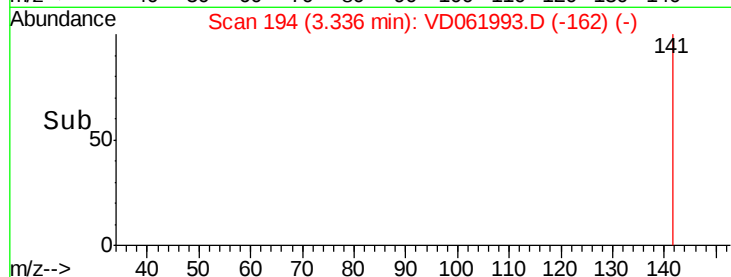
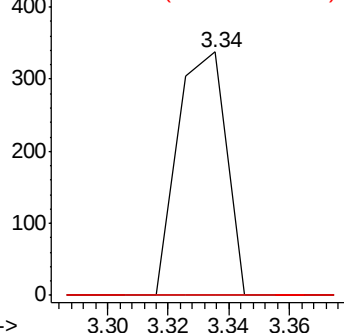
#10
Methyl Iodide
Concen: 5.463 ug/l
RT: 3.34 min Scan# 194
Delta R.T. 0.01 min
Lab File: VD061993.D
Acq: 24 Apr 2019 13:00

Instrument :
MSVOA_D
ClientSampleId :
TP-9-2

Tgt Ion: 142 Resp: 380
Ion Ratio Lower Upper
142 100
127 0.0 38.8 58.2#
141 0.0 11.4 17.0#

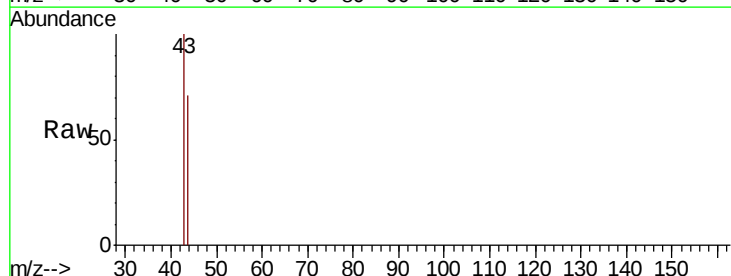


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

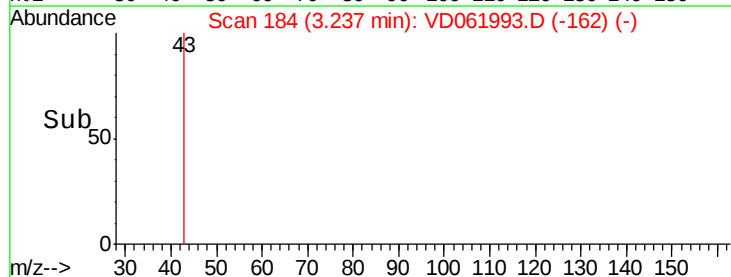
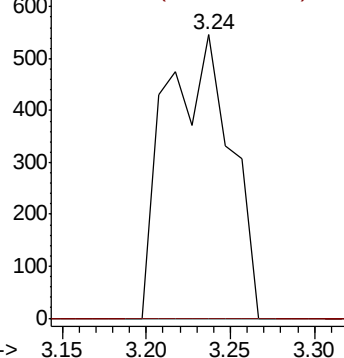


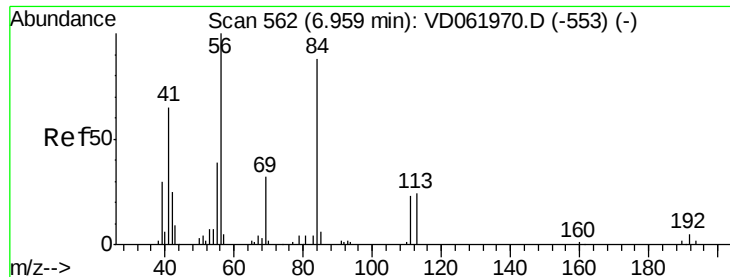
#16
Acetone
Concen: 1.152 ug/l
RT: 3.24 min Scan# 184
Delta R.T. 0.01 min
Lab File: VD061993.D
Acq: 24 Apr 2019 13:00

Tgt Ion: 43 Resp: 1455
Ion Ratio Lower Upper
43 100
58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): V
Ion 57.95 (57.65 to 58.65): V

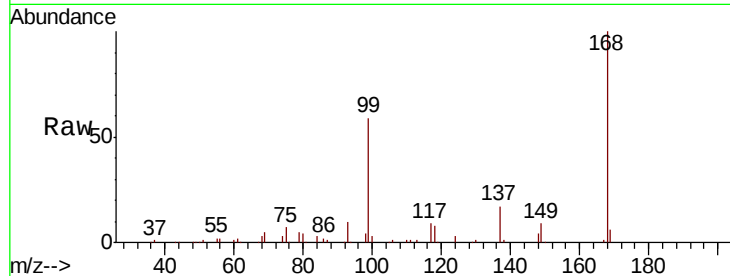




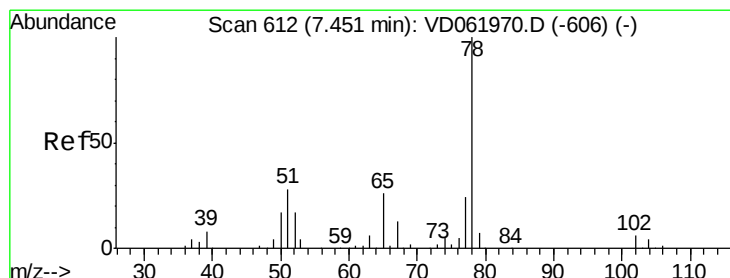
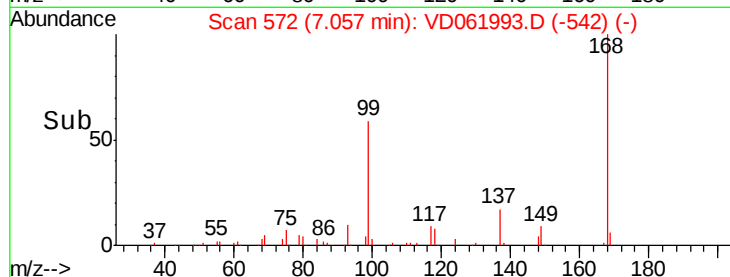
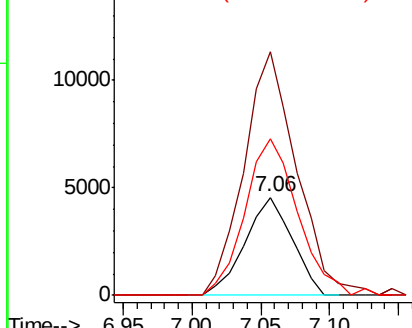
#31
Cyclohexane
Concen: 1.382 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.09 min
Lab File: VD061993.D
Acq: 24 Apr 2019 13:00

Instrument :
MSVOA_D
ClientSampleId :
TP-9-2

Tgt Ion: 56 Resp: 10893
Ion Ratio Lower Upper
56 100
69 247.9 25.8 38.6#
84 159.6 72.2 108.4#

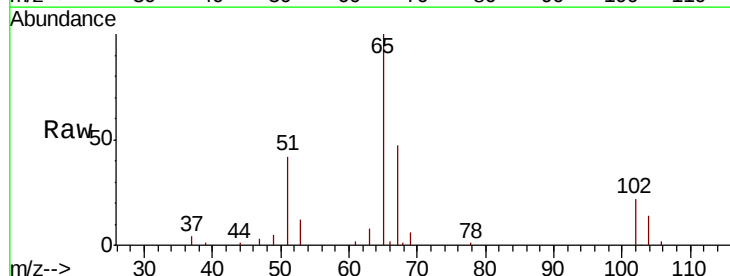


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

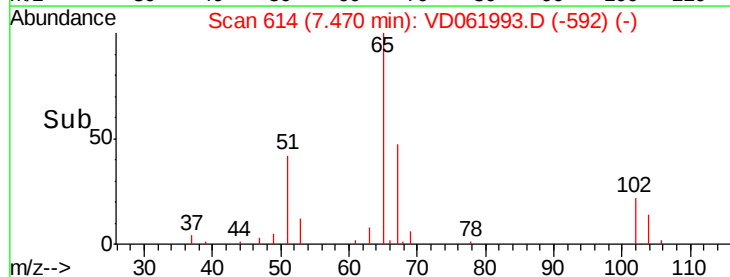
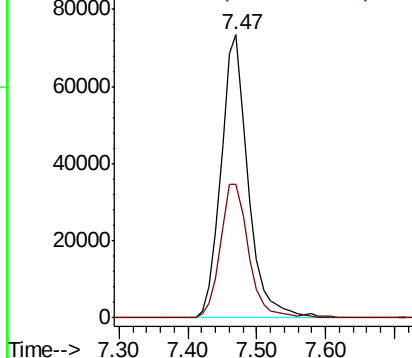


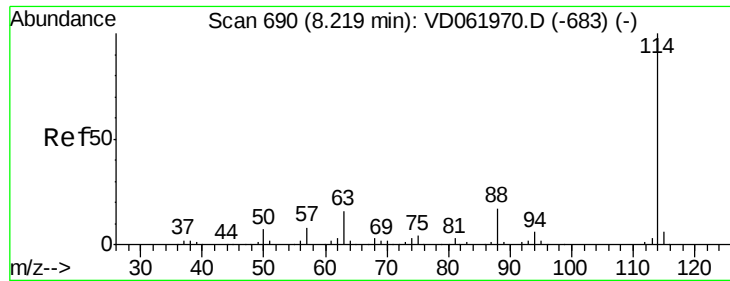
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.01 min
Lab File: VD061993.D
Acq: 24 Apr 2019 13:00

Tgt Ion: 65 Resp: 199225
Ion Ratio Lower Upper
65 100
67 47.2 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

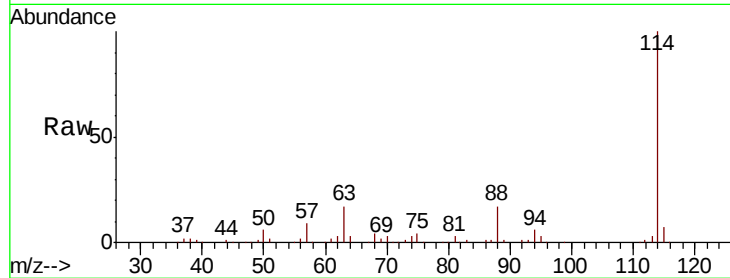




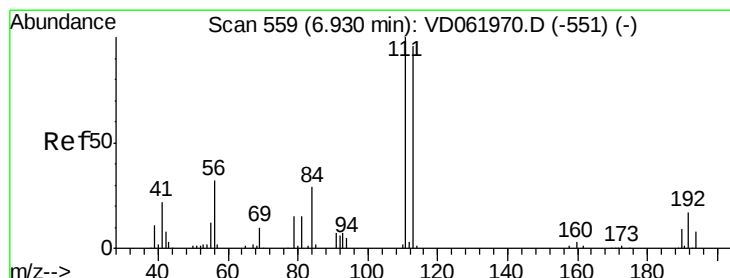
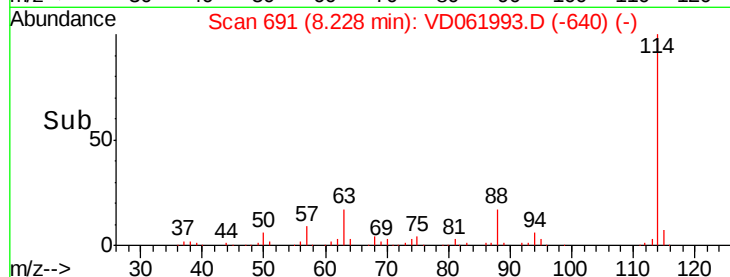
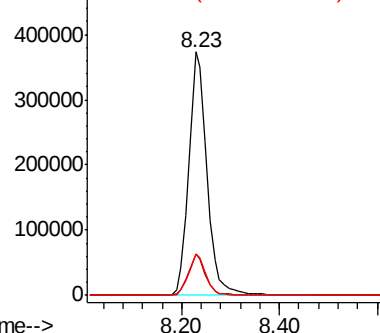
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: VD061993.D
 Acq: 24 Apr 2019 13:00

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9-2

Tgt Ion:114 Resp: 970182
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 32.4
 88 17.1 0.0 33.6

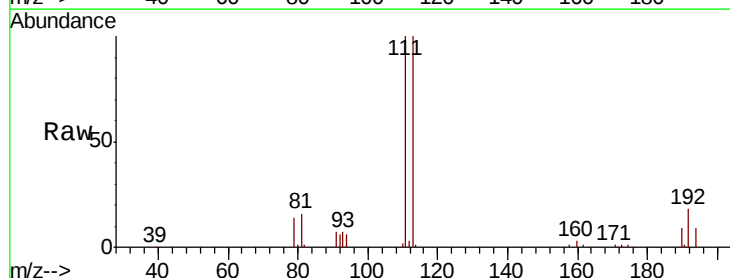


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

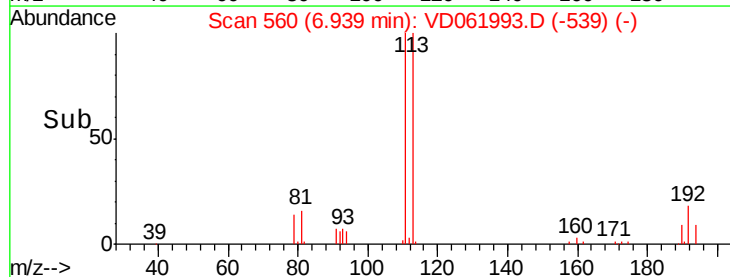
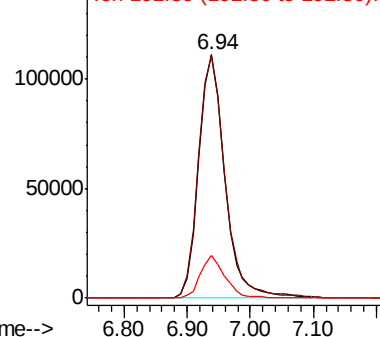


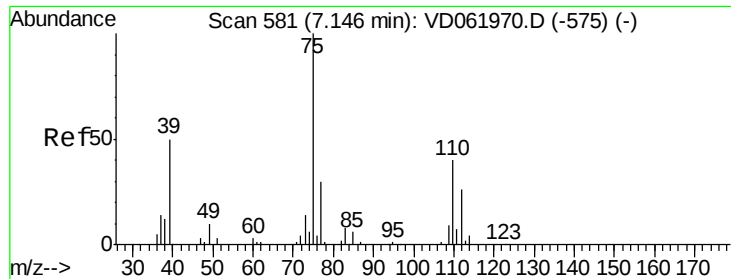
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: VD061993.D
 Acq: 24 Apr 2019 13:00

Tgt Ion:113 Resp: 320040
 Ion Ratio Lower Upper
 113 100
 111 99.6 78.5 117.7
 192 17.7 13.0 19.4



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

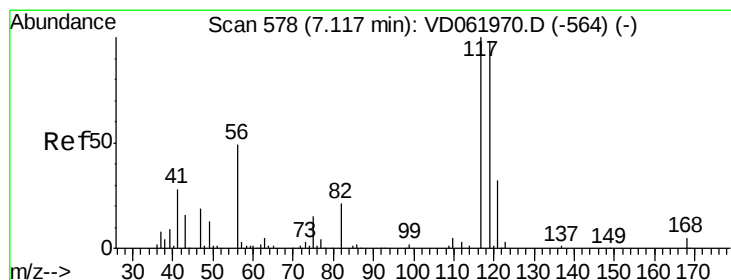
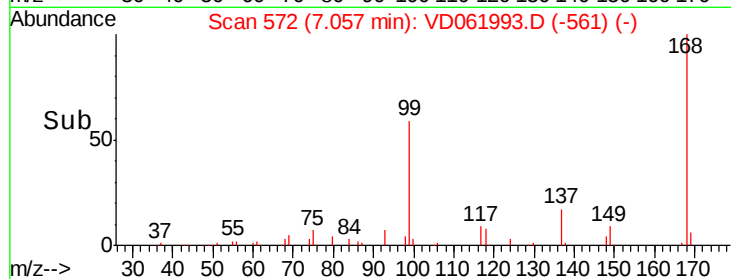
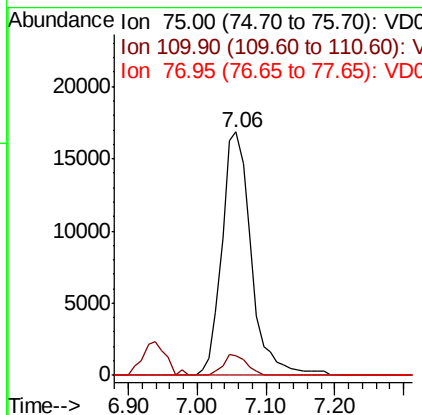
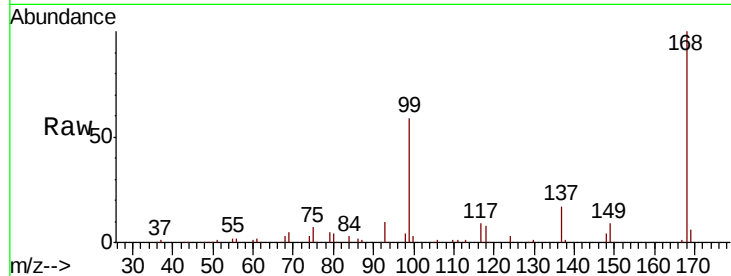




#36
 1,1-Dichloropropene
 Concen: 6.579 ug/l
 RT: 7.06 min Scan# 572
 Delta R.T. -0.09 min
 Lab File: VD061993.D
 Acq: 24 Apr 2019 13:00

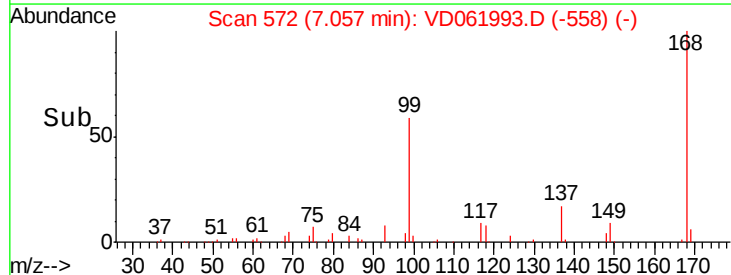
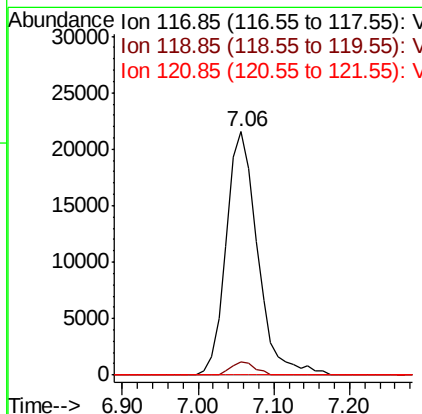
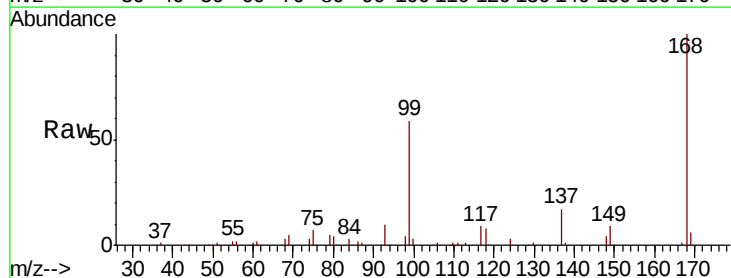
Instrument :
 MSVOA_D
 ClientSampleID :
 TP-9-2

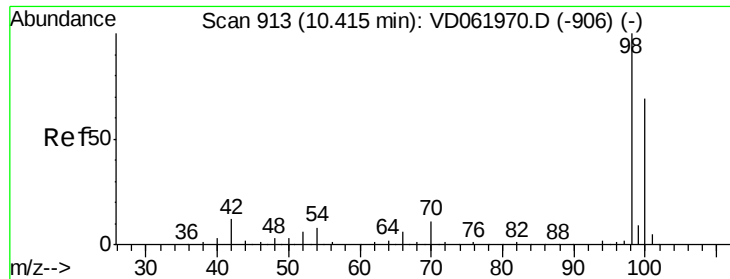
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.9	19.1	57.1#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.460 ug/l
 RT: 7.06 min Scan# 572
 Delta R.T. -0.06 min
 Lab File: VD061993.D
 Acq: 24 Apr 2019 13:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	75.8	113.8#
121	0.0	25.9	38.9#

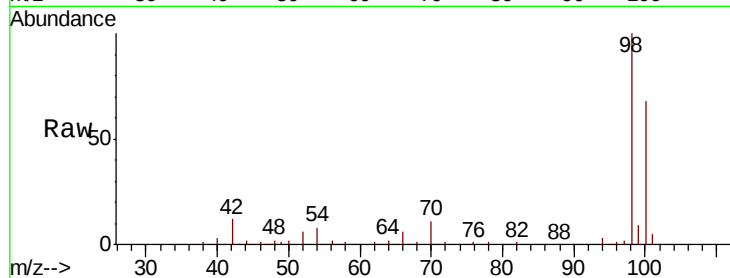




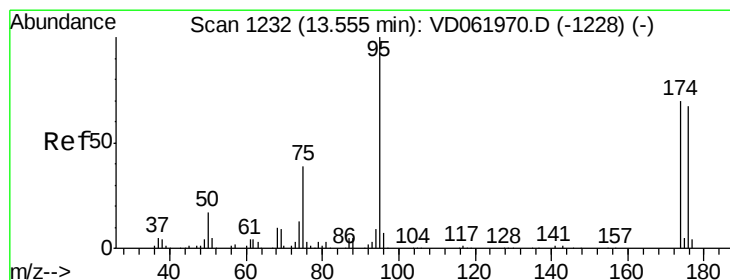
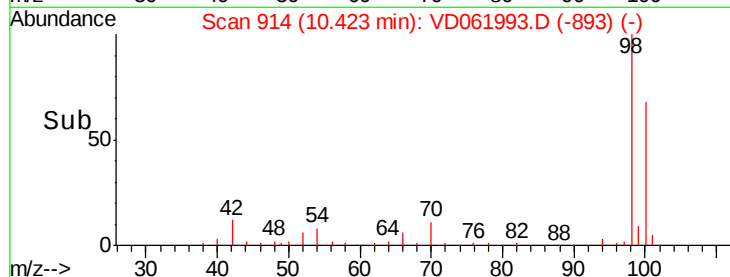
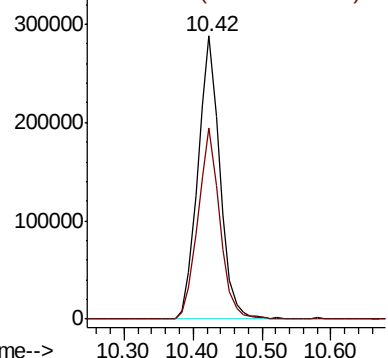
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD061993.D
Acq: 24 Apr 2019 13:00

Instrument :
MSVOA_D
ClientSampleId :
TP-9-2

Tgt Ion: 98 Resp: 636440
Ion Ratio Lower Upper
98 100
100 67.7 53.8 80.8

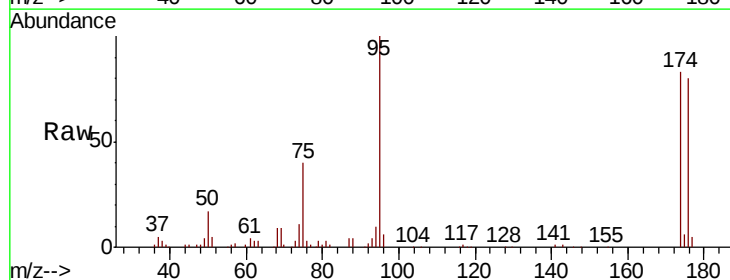


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

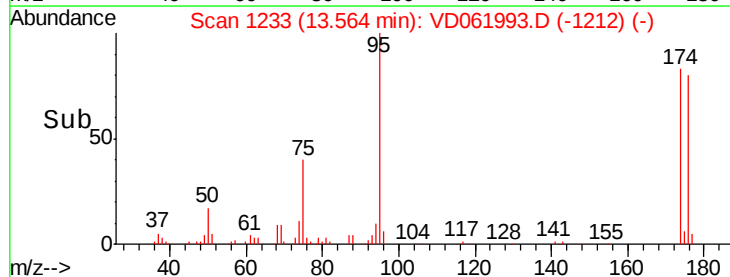
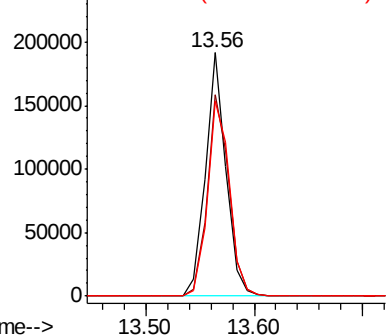


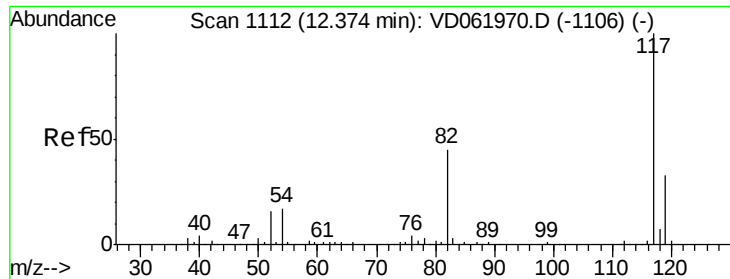
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD061993.D
Acq: 24 Apr 2019 13:00

Tgt Ion: 95 Resp: 251697
Ion Ratio Lower Upper
95 100
174 82.5 0.0 181.8
176 80.0 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

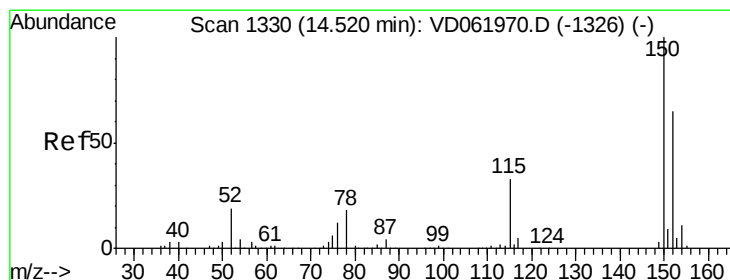
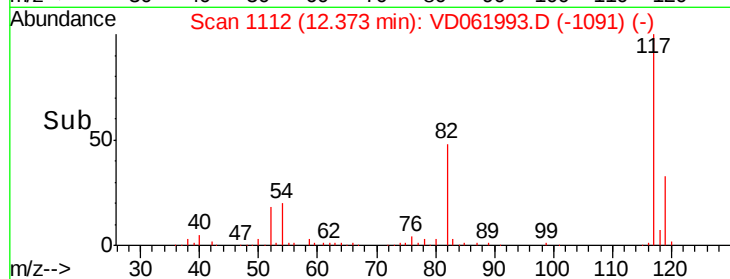
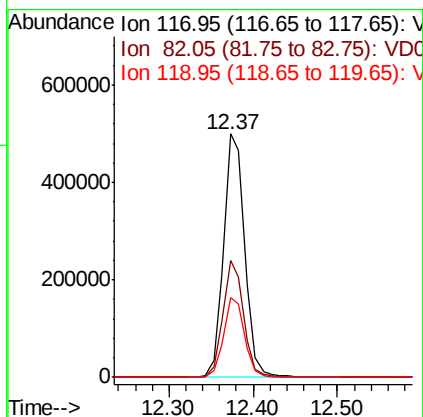
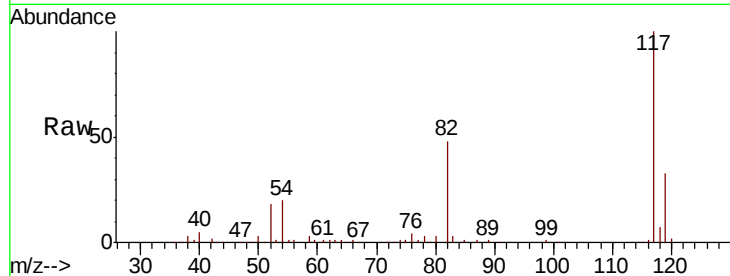




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD061993.D
Acq: 24 Apr 2019 13:00

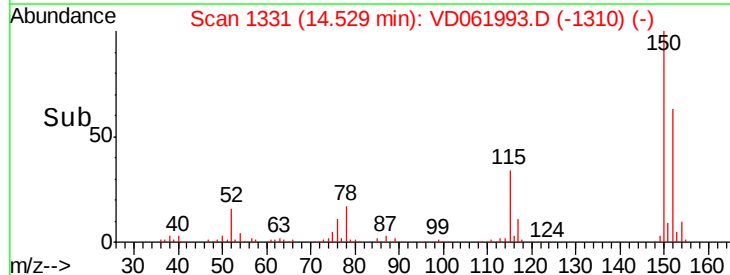
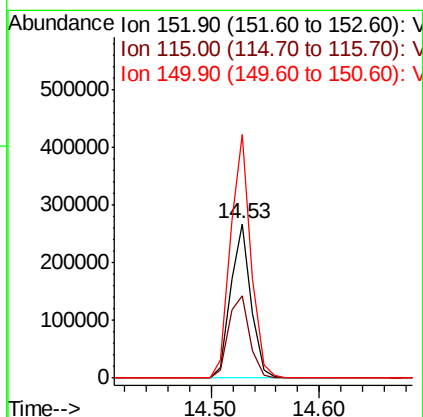
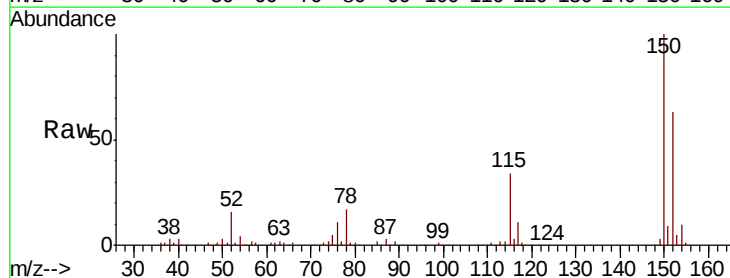
Instrument :
MSVOA_D
ClientSampleId :
TP-9-2

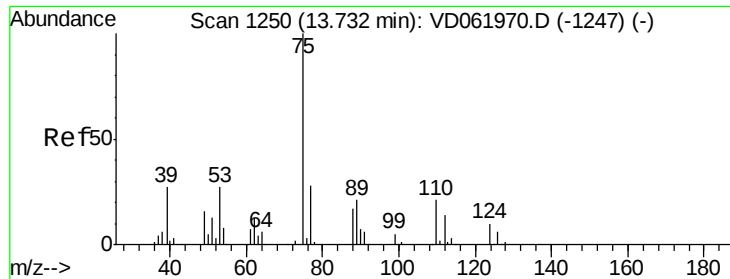
Tgt Ion:117 Resp: 866224
Ion Ratio Lower Upper
117 100
82 48.0 36.2 54.2
119 32.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD061993.D
Acq: 24 Apr 2019 13:00

Tgt Ion:152 Resp: 349242
Ion Ratio Lower Upper
152 100
115 53.7 30.9 92.7
150 157.6 0.0 314.8

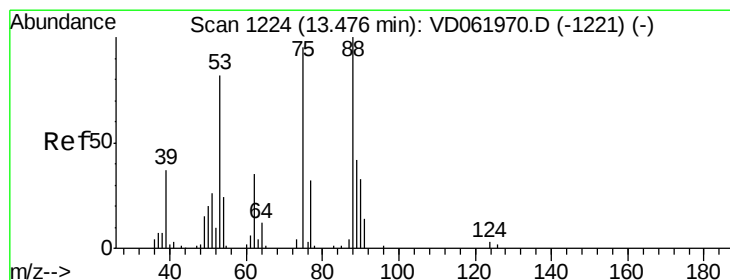
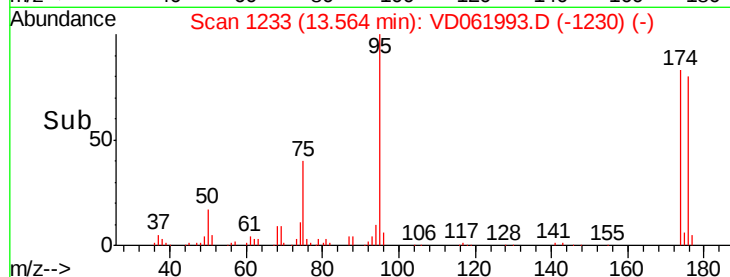
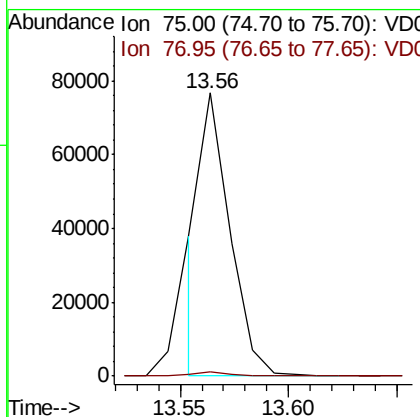
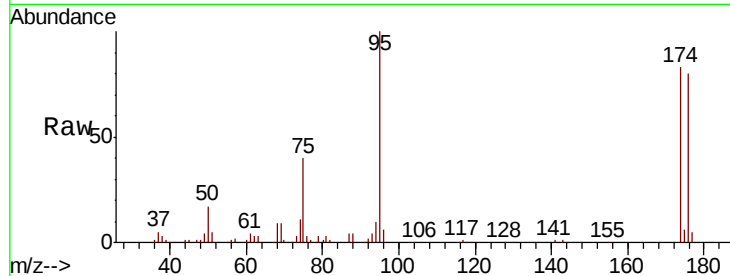




#76
 1,2,3-Trichloropropane
 Concen: 16.089 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. -0.17 min
 Lab File: VD061993.D
 Acq: 24 Apr 2019 13:00

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9-2

Tgt Ion: 75 Resp: 71354
 Ion Ratio Lower Upper
 75 100
 77 1.3 16.4 49.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.638 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.08 min
 Lab File: VD061993.D
 Acq: 24 Apr 2019 13:00

Tgt Ion: 75 Resp: 97621
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.8 98.8#
 89 0.0 35.0 52.6#

