

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061893.D
 Acq On : 19 Apr 2019 3:37
 Operator : VA/AP
 Sample : K2442-06
 Misc : 6.17g/5ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-20-S2

Quant Time: Apr 19 05:27:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

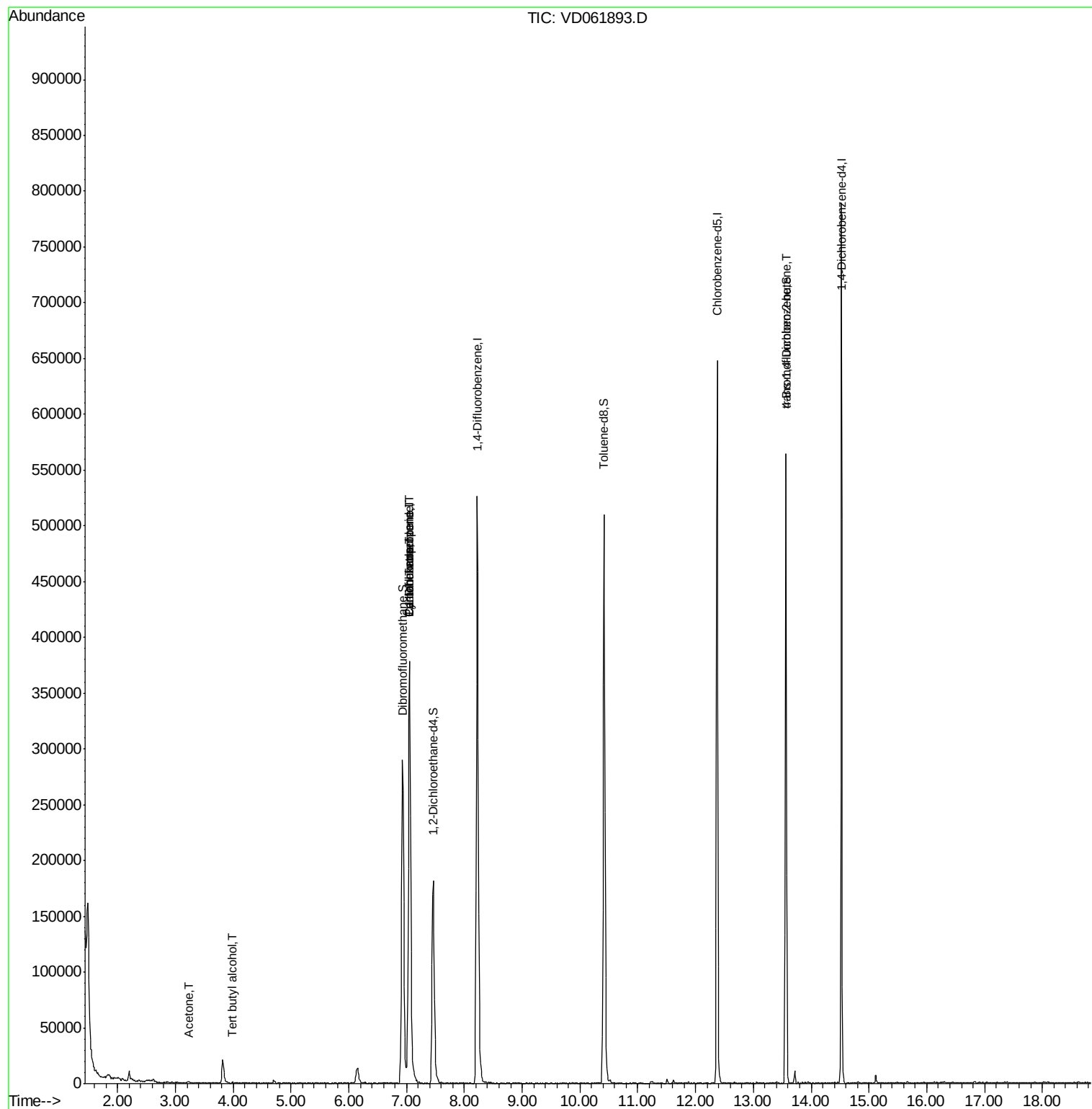
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	395769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	613013	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	402506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	178991	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	184021	55.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.96%	
35) Dibromofluoromethane	6.93	113	277119	59.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.68%	
50) Toluene-d8	10.41	98	438650	39.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.94%	
62) 4-Bromofluorobenzene	13.56	95	189825	42.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.36%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.19	94	460	Below Cal	#	12
11) Tert butyl alcohol	3.99	59	319	1.631	ug/l #	76
16) Acetone	3.22	43	1997	2.443	ug/l #	81
20) Methylene Chloride	3.81	84	15088	Below Cal		89
31) Cyclohexane	7.05	56	6786	1.351	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	28912	5.772	ug/l #	45
38) Carbon Tetrachloride	7.05	117	38196	6.039	ug/l #	12
81) trans-1,4-Dichloro-2-buten	13.56	75	73221	93.041	ug/l #	16

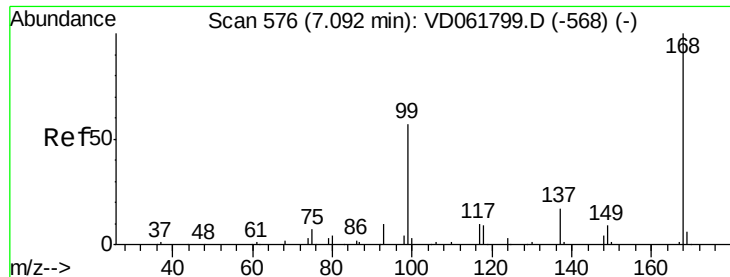
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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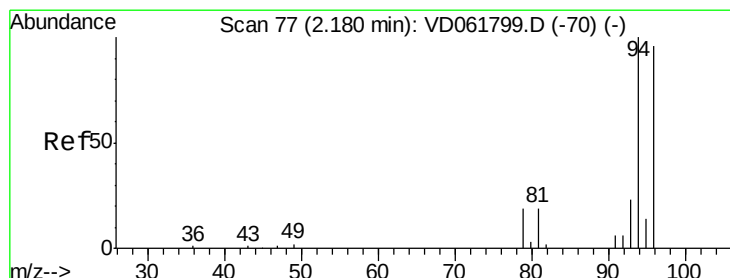
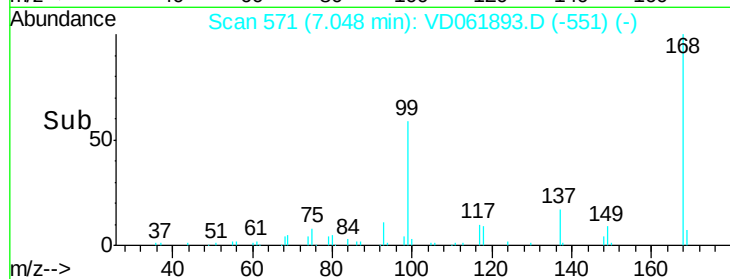
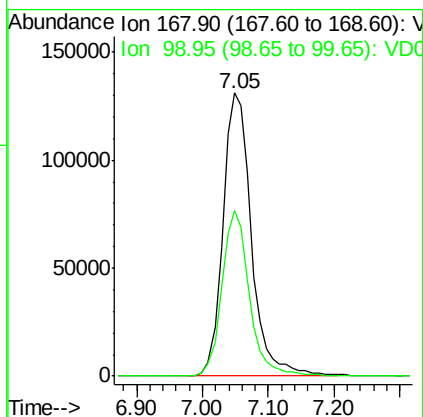
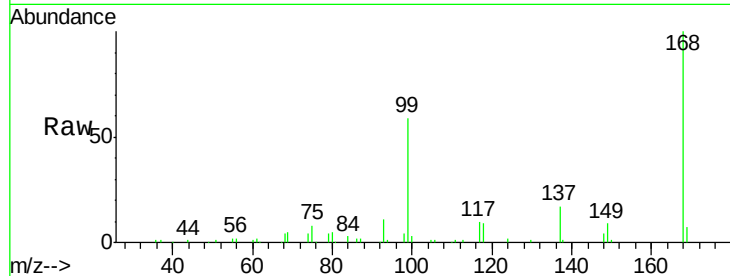




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.00 min
Lab File: VD061893.D
Acq: 19 Apr 2019 3:37

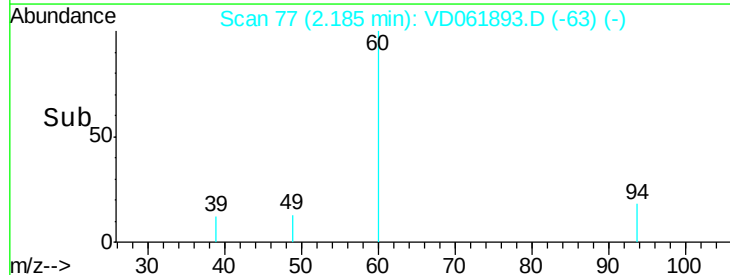
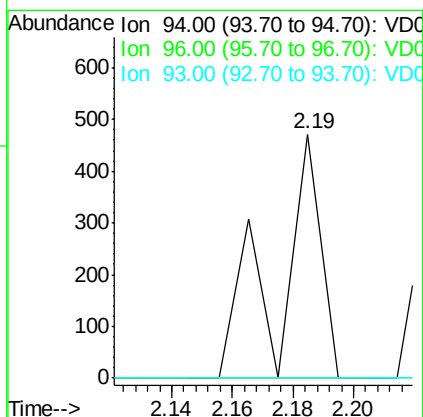
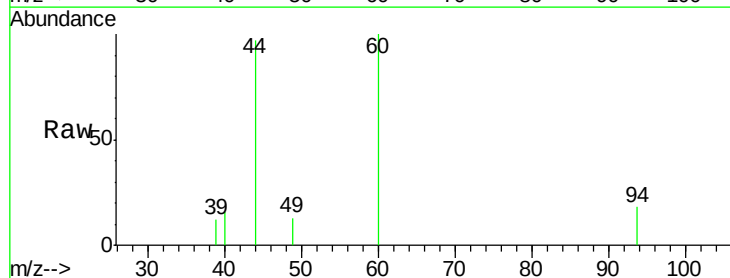
Instrument :
MSVOA_D
ClientSampleId :
TP-20-S2

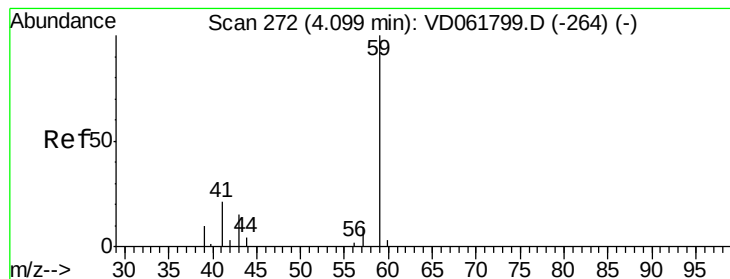
Tot Ion:168 Resp: 395769
Ion Ratio Lower Upper
168 100
99 58.5 46.5 69.7



#5
Bromomethane
Concen: Below Cal
RT: 2.19 min Scan# 77
Delta R.T. 0.04 min
Lab File: VD061893.D
Acq: 19 Apr 2019 3:37

Tgt Ion: 94 Resp: 460
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#
93 0.0 18.5 27.7#



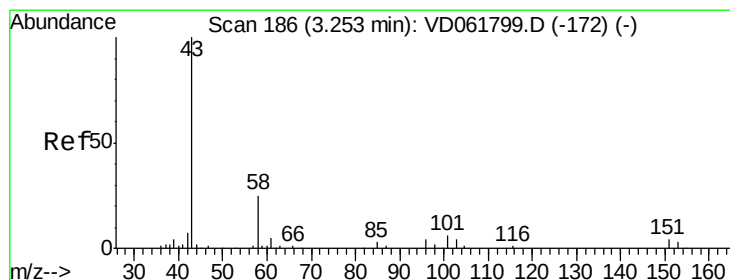
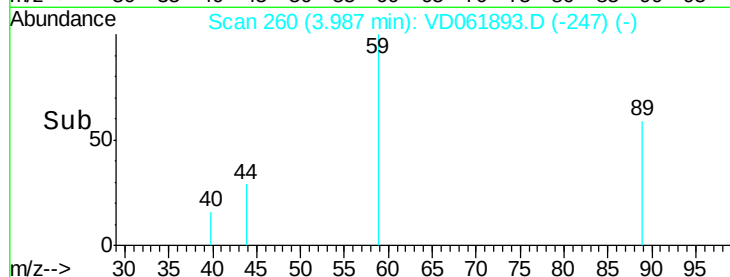
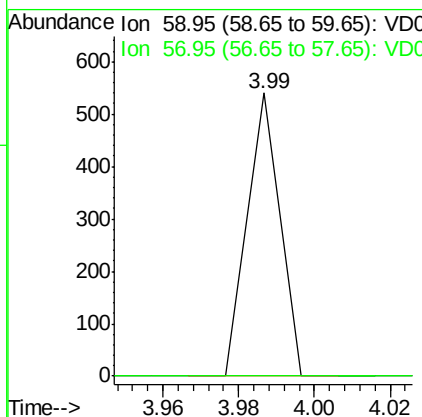
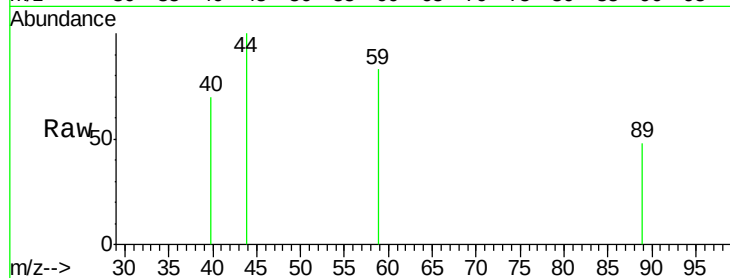


#11

Tert butyl alcohol
 Concen: 1.631 ug/l
 RT: 3.99 min Scan# 260
 Delta R.T. -0.07 min
 Lab File: VD061893.D
 Acq: 19 Apr 2019 3:37

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-20-S2

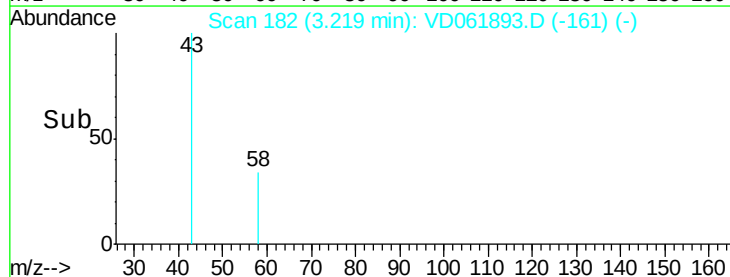
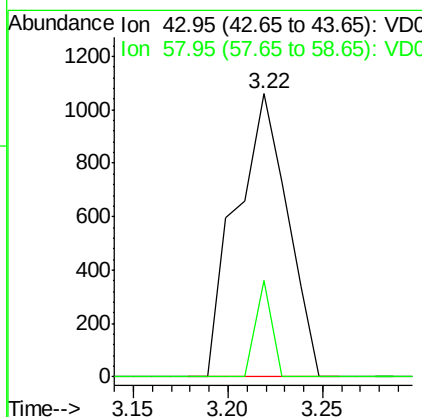
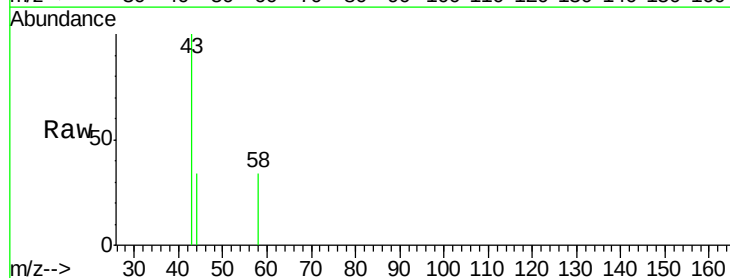
Tot Ion: 59 Resp: 319
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.9 10.3#

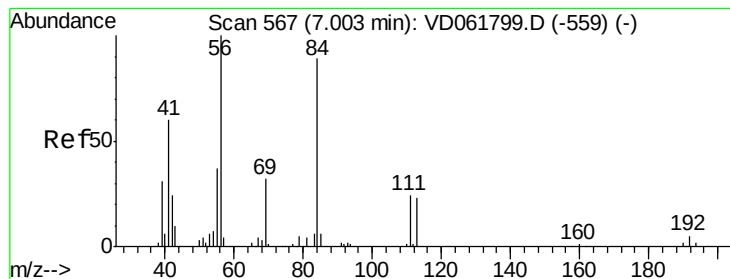


#16

Acetone
 Concen: 2.443 ug/l
 RT: 3.22 min Scan# 182
 Delta R.T. 0.01 min
 Lab File: VD061893.D
 Acq: 19 Apr 2019 3:37

Tgt Ion: 43 Resp: 1997
 Ion Ratio Lower Upper
 43 100
 58 34.2 19.9 29.9#





#31

Cyclohexane

Concen: 1.351 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.10 min

Lab File: VD061893.D

Acq: 19 Apr 2019 3:37

Instrument :

MSVOA_D

ClientSampleId :

TP-20-S2

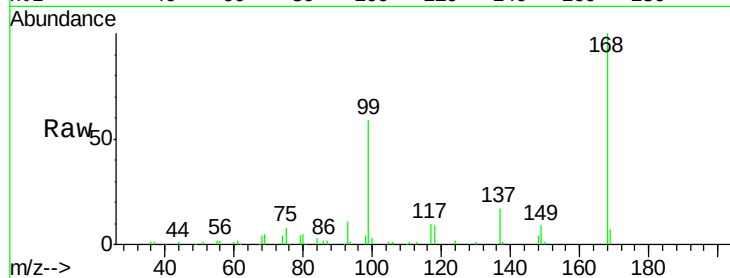
Tot Ion: 56 Resp: 6786

Ion Ratio Lower Upper

56 100

69 241.9 25.8 38.6#

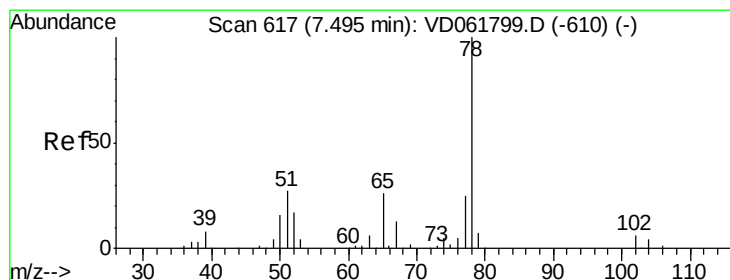
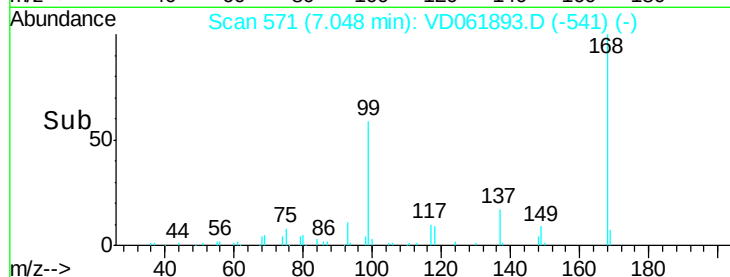
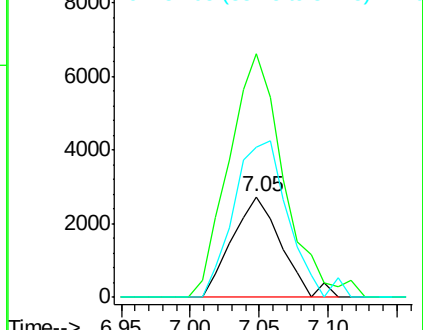
84 149.5 72.2 108.4#



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: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061893.D

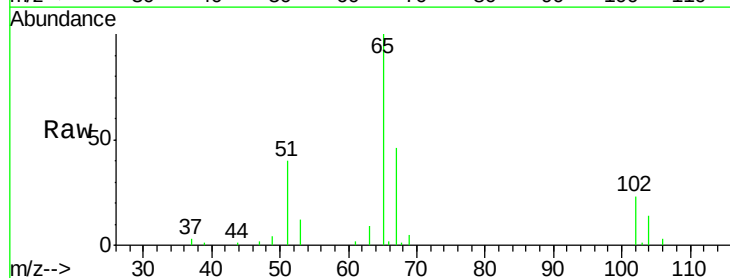
Acq: 19 Apr 2019 3:37

Tgt Ion: 65 Resp: 184021

Ion Ratio Lower Upper

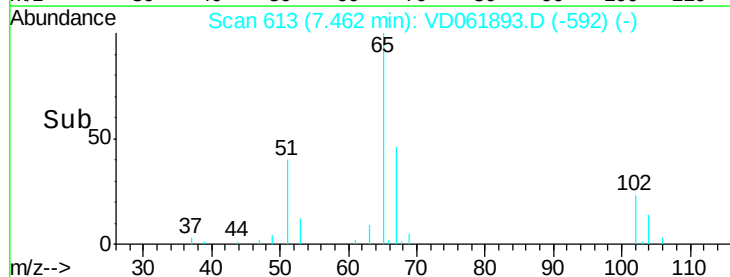
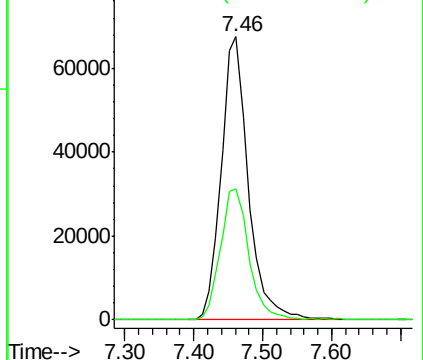
65 100

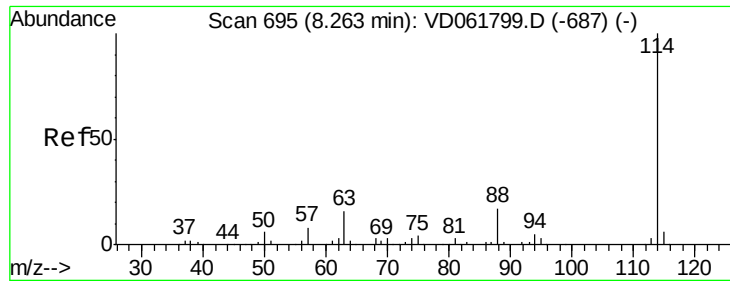
67 46.4 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

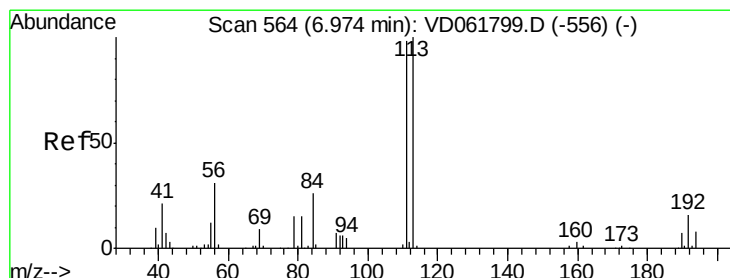
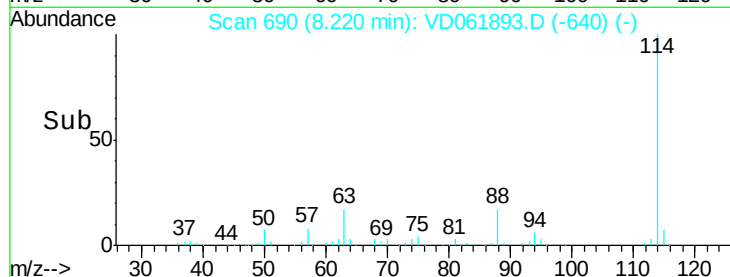
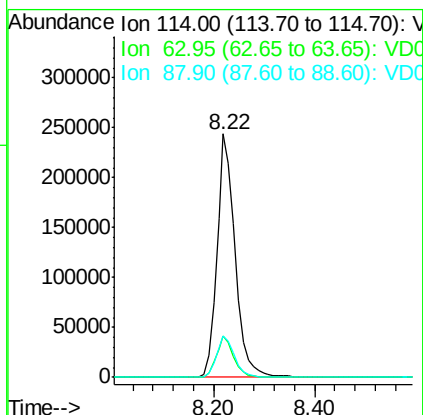
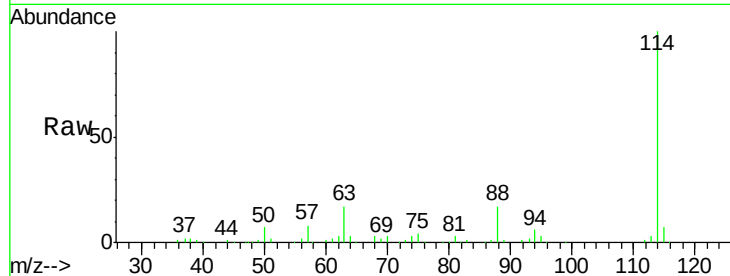




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD061893.D
 Acq: 19 Apr 2019 3:37

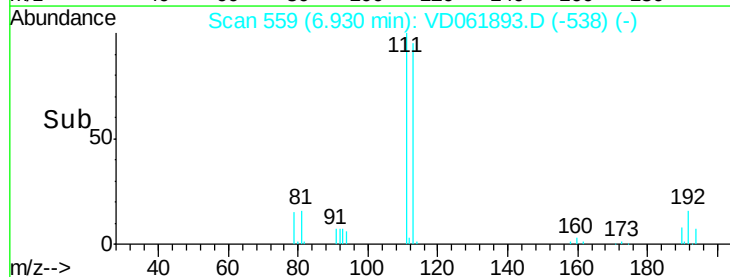
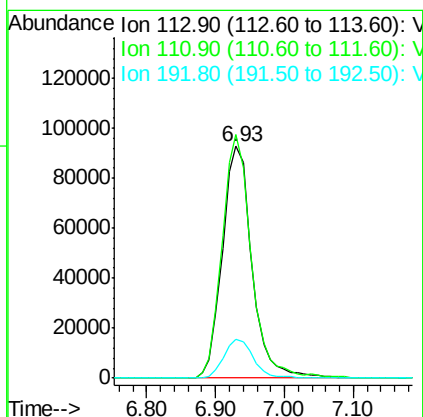
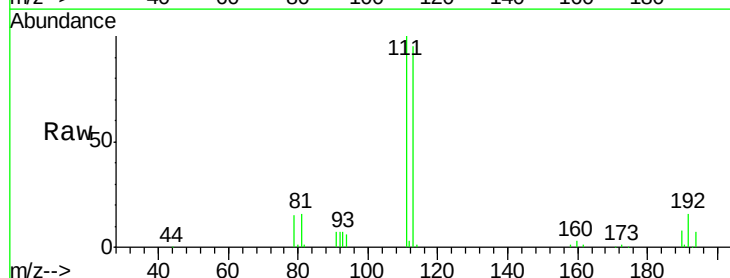
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-20-S2

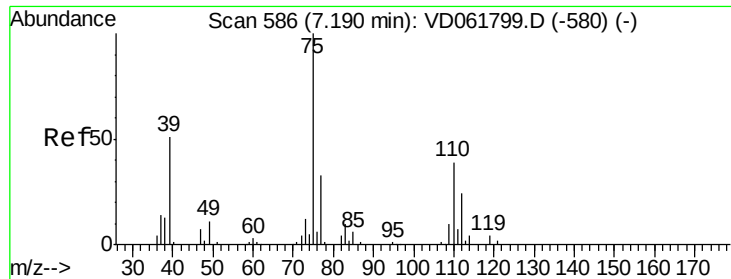
Tot Ion:114 Resp: 613013
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 32.4
 88 17.1 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VD061893.D
 Acq: 19 Apr 2019 3:37

Tgt Ion:113 Resp: 277119
 Ion Ratio Lower Upper
 113 100
 111 105.1 78.5 117.7
 192 16.7 13.0 19.4

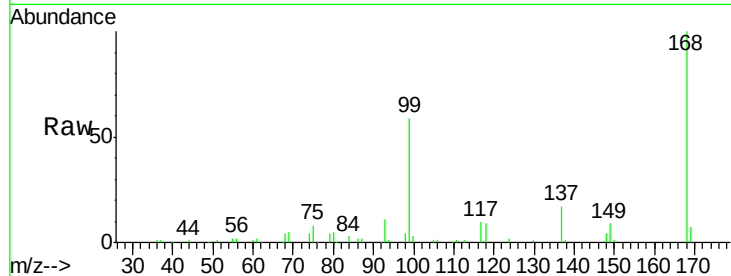




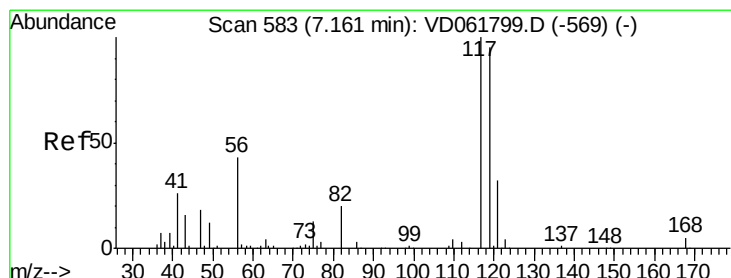
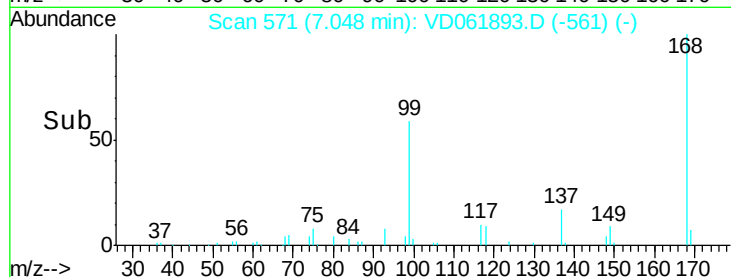
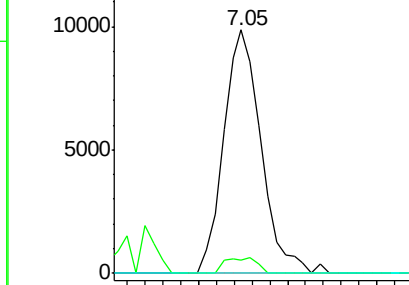
#36
 1,1-Dichloropropene
 Concen: 5.772 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.10 min
 Lab File: VD061893.D
 Acq: 19 Apr 2019 3:37

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-20-S2

Tot Ion	Ratio	Lower	Upper
75	100		
110	5.6	19.1	57.1#
77	0.0	25.6	38.4#

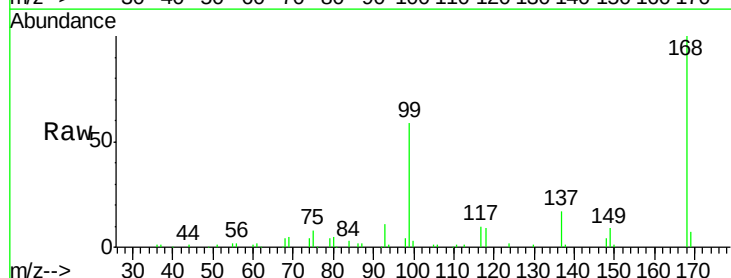


Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): VDC
 Ion 76.95 (76.65 to 77.65): VDC

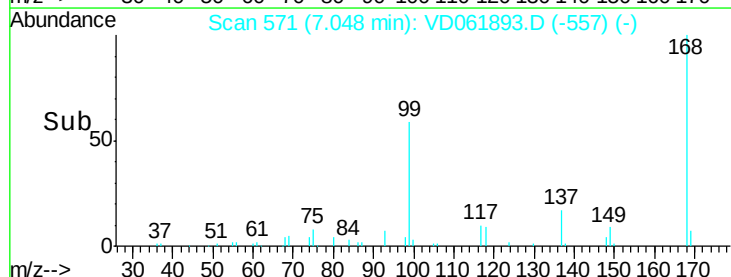
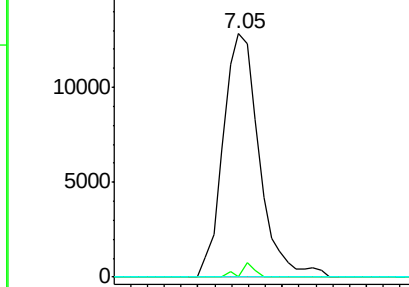


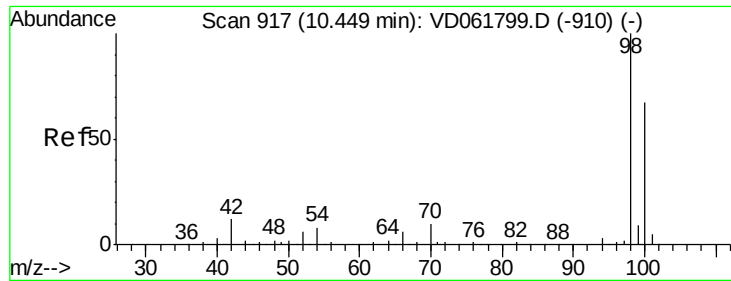
#38
 Carbon Tetrachloride
 Concen: 6.039 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.06 min
 Lab File: VD061893.D
 Acq: 19 Apr 2019 3:37

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



Abundance Ion 116.85 (116.55 to 117.55): VDC
 Ion 118.85 (118.55 to 119.55): VDC
 Ion 120.85 (120.55 to 121.55): VDC

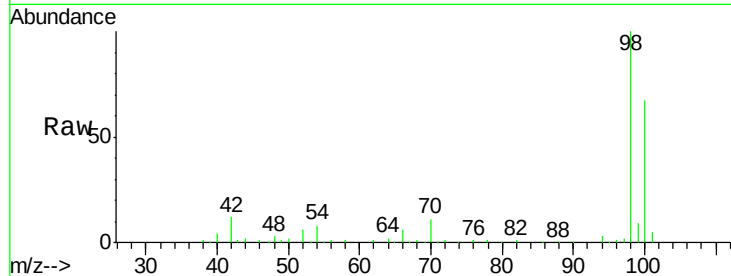




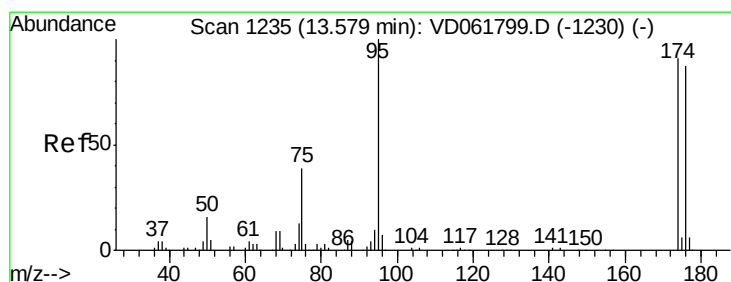
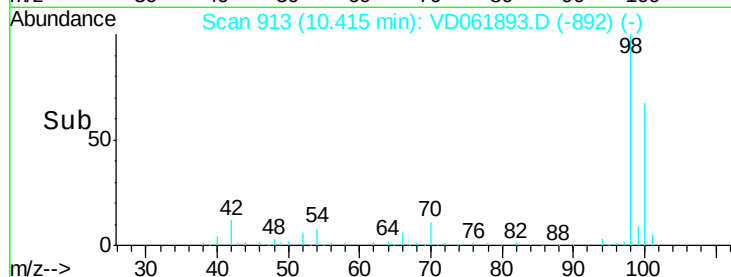
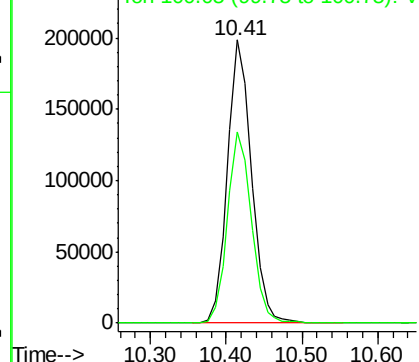
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD061893.D
Acq: 19 Apr 2019 3:37

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ClientSampleId :
TP-20-S2

Tot Ion: 98 Resp: 438650
Ion Ratio Lower Upper
98 100
100 67.4 53.8 80.8

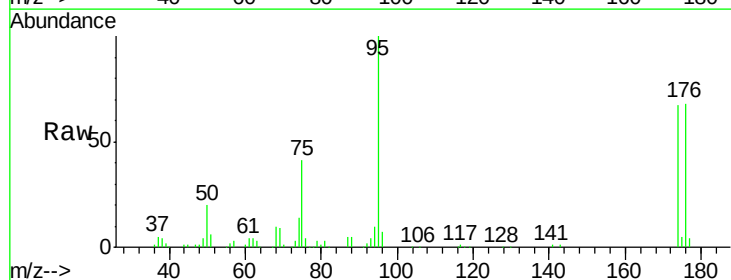


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

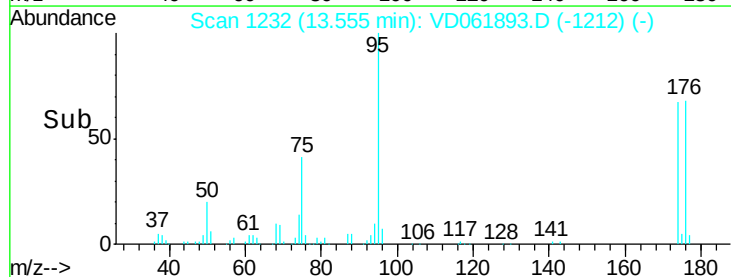
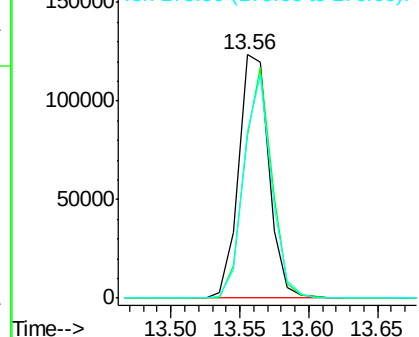


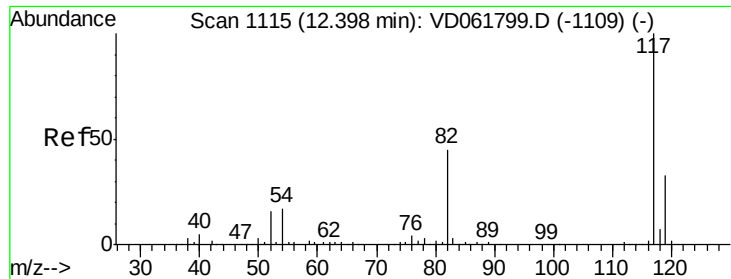
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD061893.D
Acq: 19 Apr 2019 3:37

Tgt Ion: 95 Resp: 189825
Ion Ratio Lower Upper
95 100
174 67.0 0.0 181.8
176 68.3 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

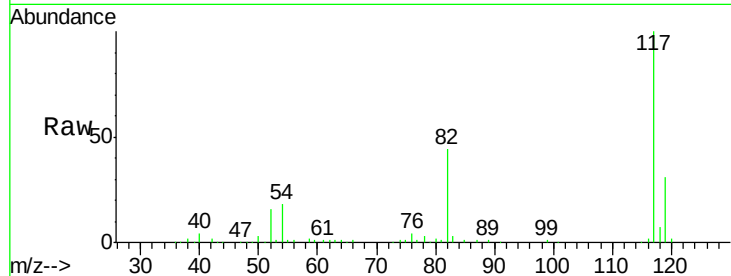




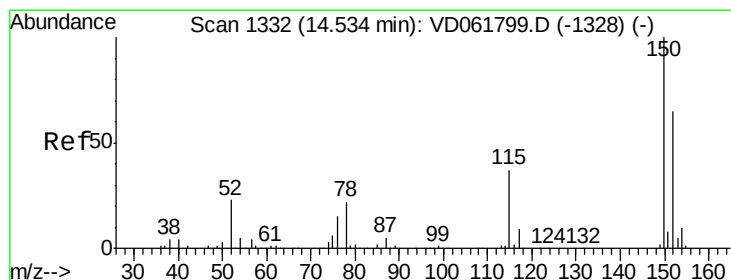
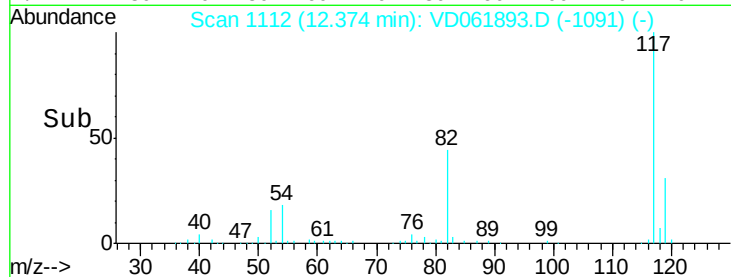
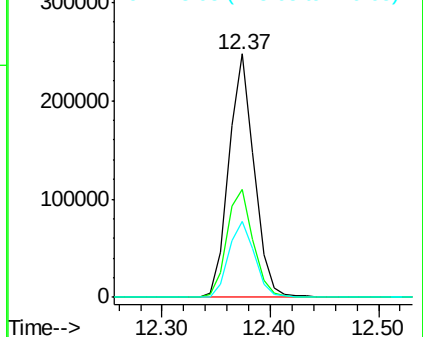
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061893.D
Acq: 19 Apr 2019 3:37

Instrument :
MSVOA_D
ClientSampleId :
TP-20-S2

Tot Ion:117 Resp: 402506
Ion Ratio Lower Upper
117 100
82 44.4 36.2 54.2
119 31.3 26.2 39.4

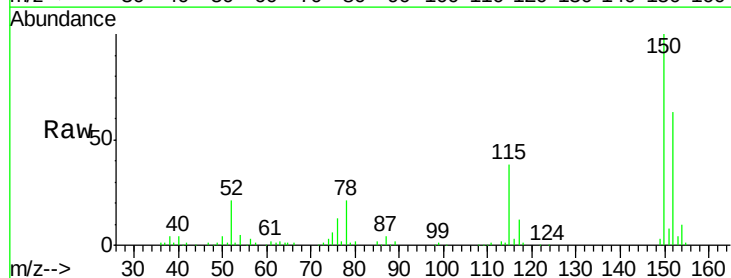


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

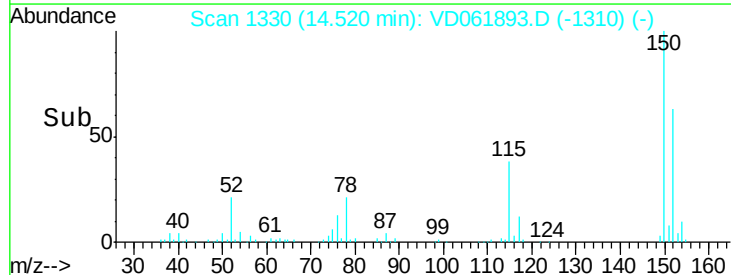
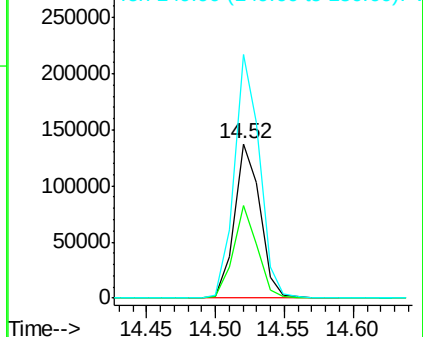


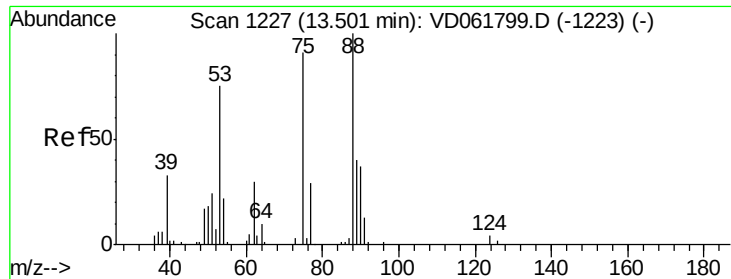
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061893.D
Acq: 19 Apr 2019 3:37

Tgt Ion:152 Resp: 178991
Ion Ratio Lower Upper
152 100
115 60.0 30.9 92.7
150 157.6 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 93.041 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.09 min

Lab File: VD061893.D

Acq: 19 Apr 2019 3:37

Instrument :

MSVOA_D

ClientSampleId :

TP-20-S2

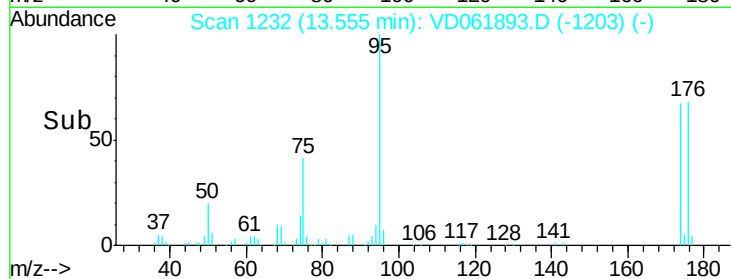
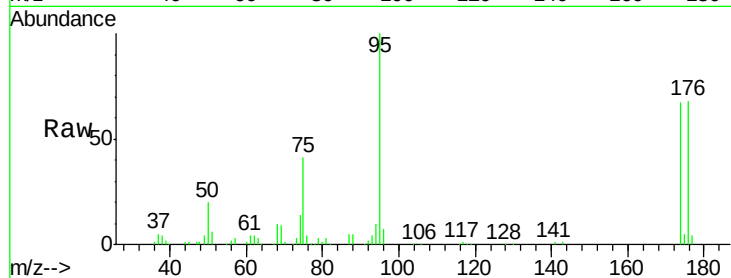
Tot Ion: 75 Resp: 73221

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

