

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041819\
 Data File : VD061875.D
 Acq On : 18 Apr 2019 15:38
 Operator : VA/AP
 Sample : K2397-06RE
 Misc : 3.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-D2RE

Quant Time: Apr 18 16:01:34 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	7.04	168	380284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	583171	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	460435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	178707	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	187111	58.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.42%	
35) Dibromofluoromethane	6.93	113	289746	65.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.52%	
50) Toluene-d8	10.41	98	597296	57.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.44%	
62) 4-Bromofluorobenzene	13.55	95	203542	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	

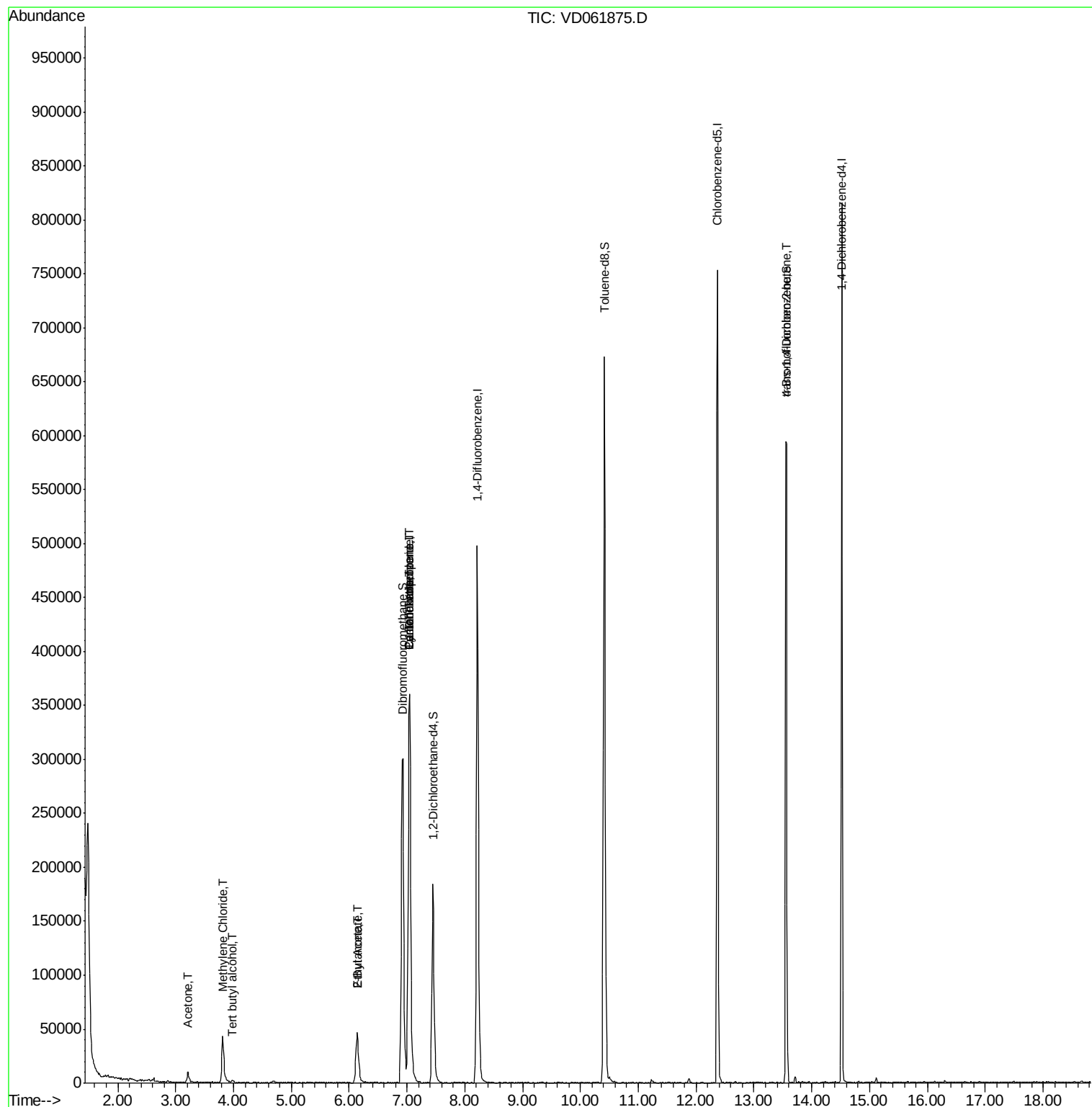
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.16	94	920	Below Cal	#	12
11) Tert butyl alcohol	3.97	59	1028	5.469	ug/l #	76
16) Acetone	3.21	43	19327	24.604	ug/l	91
20) Methylene Chloride	3.82	84	32603	4.143	ug/l	94
25) 2-Butanone	6.13	43	2358	2.637	ug/l #	56
31) Cyclohexane	7.04	56	6287	1.303	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	28493	5.979	ug/l #	45
37) Ethyl Acetate	6.13	43	2358	1.156	ug/l #	33
38) Carbon Tetrachloride	7.04	117	37438	6.222	ug/l #	17
81) trans-1,4-Dichloro-2-buten	13.55	75	76685	97.434	ug/l #	16

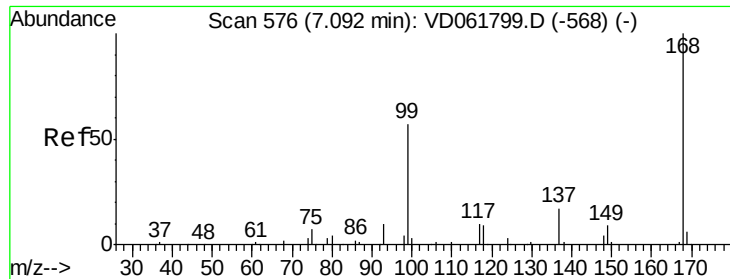
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD041819\
Data File : VD061875.D
Acq On : 18 Apr 2019 15:38
Operator : VA/AP
Sample : K2397-06RE
Misc : 3.00g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1-D2RE

Quant Time: Apr 18 16:01:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration

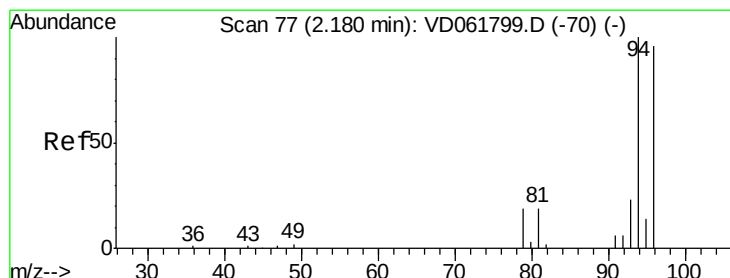
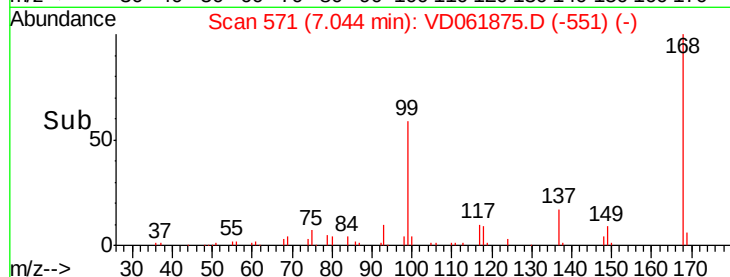
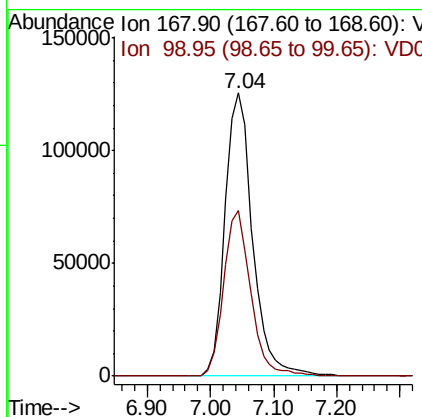
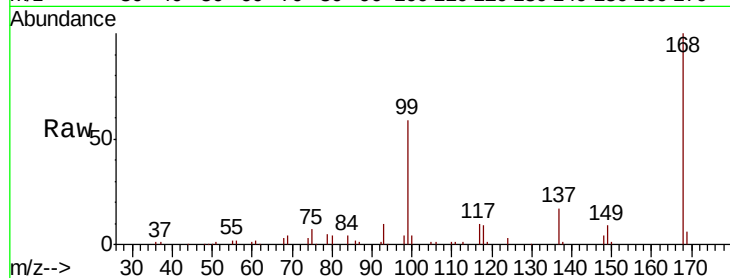




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.01 min
Lab File: VD061875.D
Acq: 18 Apr 2019 15:38

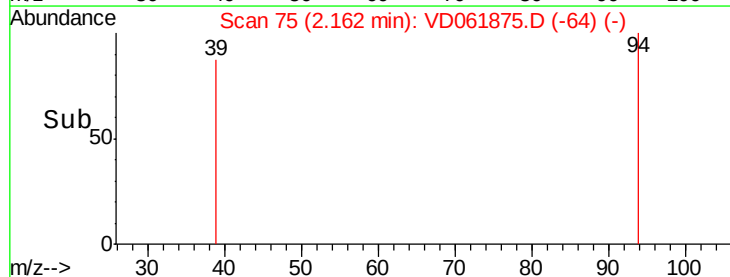
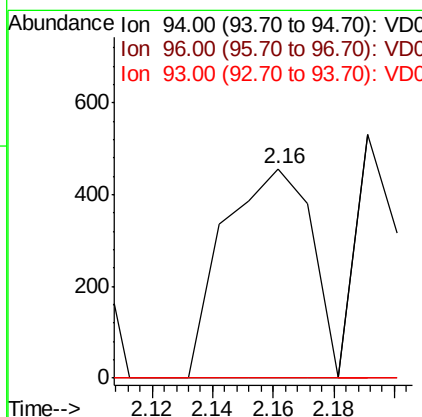
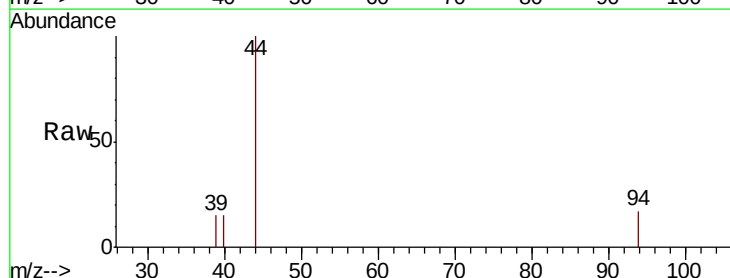
Instrument :
MSVOA_D
ClientSampleId :
TP-1-D2RE

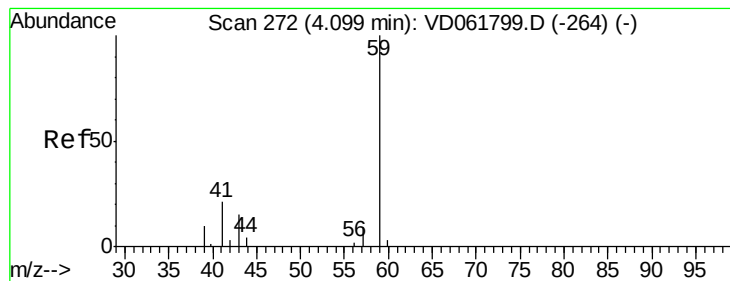
Tgt Ion: 168 Resp: 380284
Ion Ratio Lower Upper
168 100
99 58.7 46.5 69.7



#5
Bromomethane
Concen: Below Cal
RT: 2.16 min Scan# 75
Delta R.T. 0.01 min
Lab File: VD061875.D
Acq: 18 Apr 2019 15:38

Tgt Ion: 94 Resp: 920
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#
93 0.0 18.5 27.7#



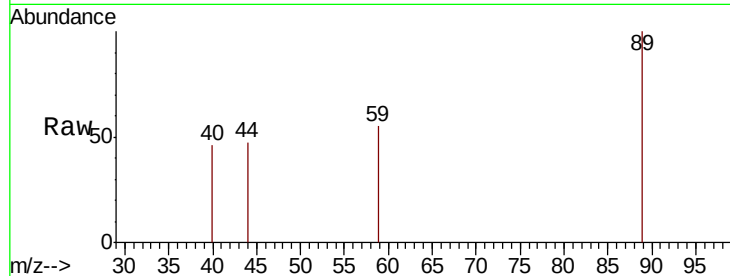


#11

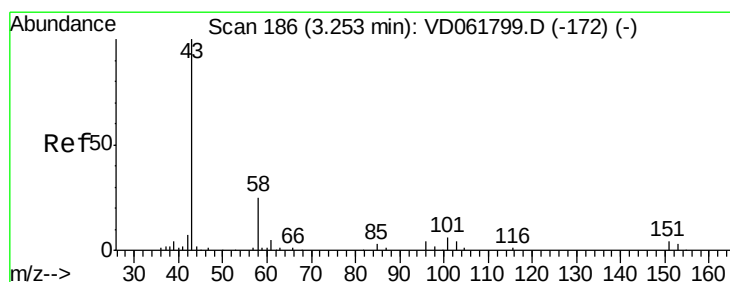
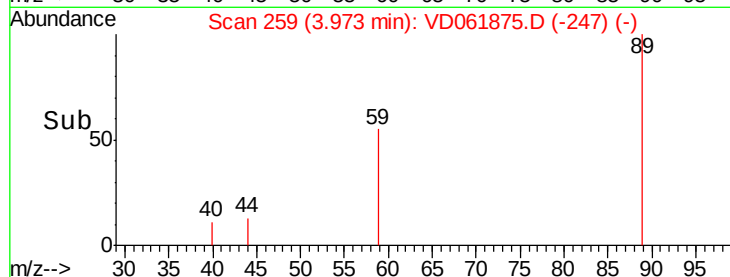
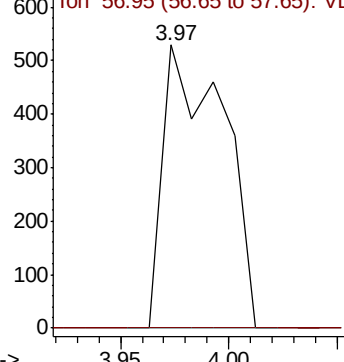
Tert butyl alcohol
 Concen: 5.469 ug/l
 RT: 3.97 min Scan# 259
 Delta R.T. -0.09 min
 Lab File: VD061875.D
 Acq: 18 Apr 2019 15:38

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-D2RE

Tgt Ion: 59 Resp: 1028
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.9 10.3#



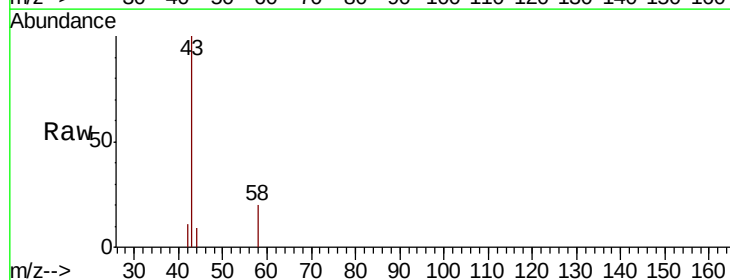
Abundance Ion 58.95 (58.65 to 59.65): VDC
 Ion 56.95 (56.65 to 57.65): VDC



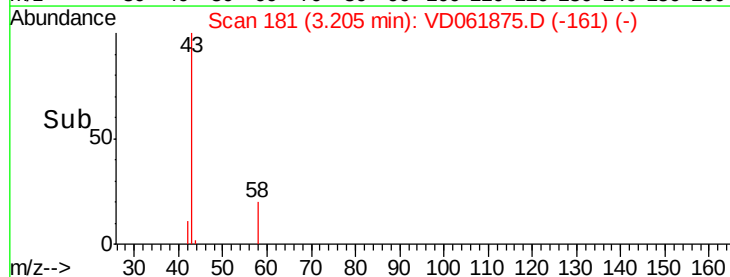
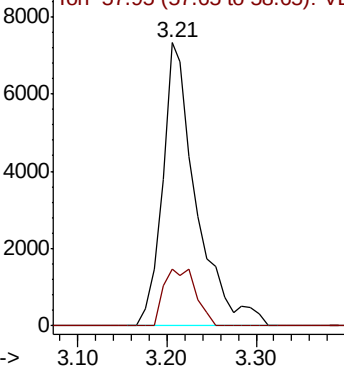
#16

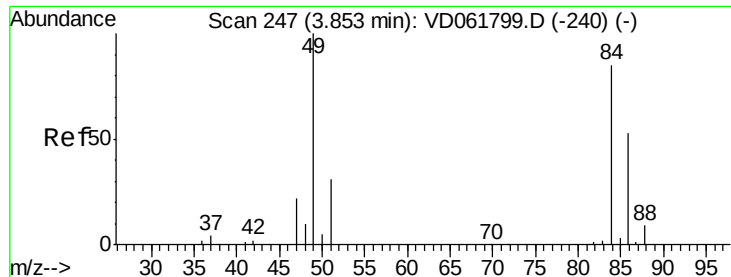
Acetone
 Concen: 24.604 ug/l
 RT: 3.21 min Scan# 181
 Delta R.T. -0.01 min
 Lab File: VD061875.D
 Acq: 18 Apr 2019 15:38

Tgt Ion: 43 Resp: 19327
 Ion Ratio Lower Upper
 43 100
 58 20.2 19.9 29.9



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

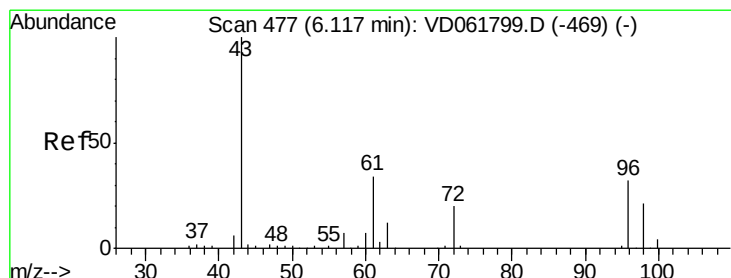
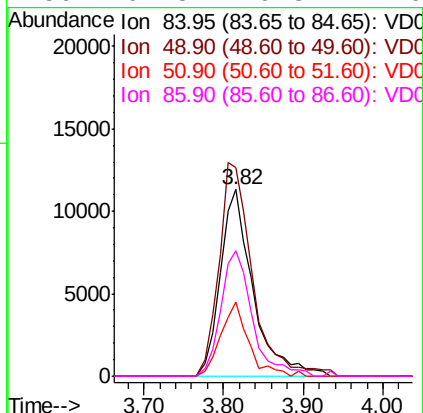
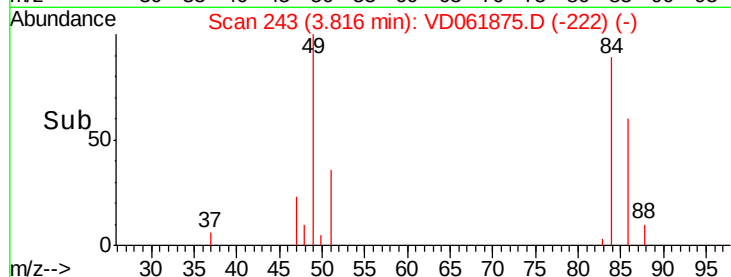
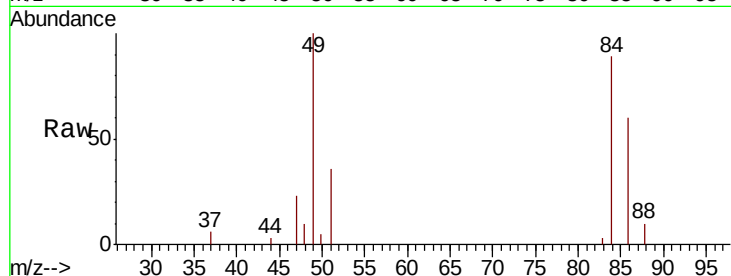




#20
Methylene Chloride
Concen: 4.143 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.00 min
Lab File: VD061875.D
Acq: 18 Apr 2019 15:38

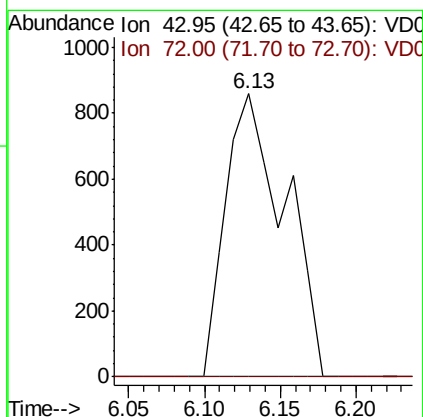
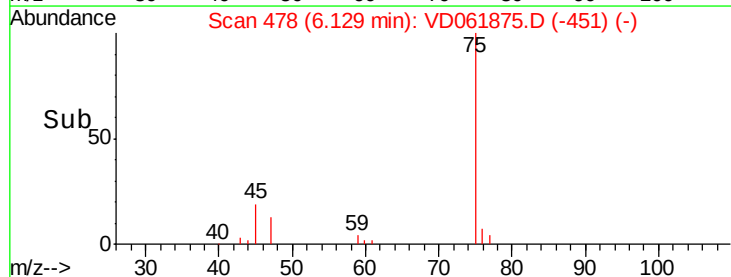
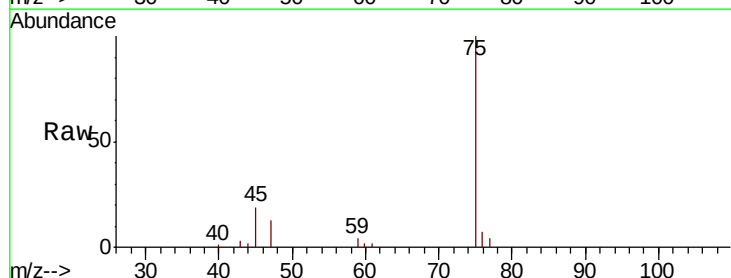
Instrument :
MSVOA_D
ClientSampleId :
TP-1-D2RE

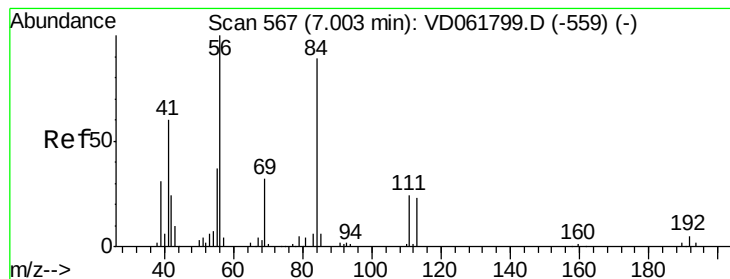
Tgt Ion: 84 Resp: 32603
Ion Ratio Lower Upper
84 100
49 112.0 94.0 141.0
51 39.8 29.0 43.4
86 67.3 49.8 74.6



#25
2-Butanone
Concen: 2.637 ug/l
RT: 6.13 min Scan# 478
Delta R.T. 0.06 min
Lab File: VD061875.D
Acq: 18 Apr 2019 15:38

Tgt Ion: 43 Resp: 2358
Ion Ratio Lower Upper
43 100
72 0.0 16.2 24.4#





#31

Cyclohexane

Concen: 1.303 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.09 min

Lab File: VD061875.D

Acq: 18 Apr 2019 15:38

Instrument :

MSVOA_D

ClientSampleId :

TP-1-D2RE

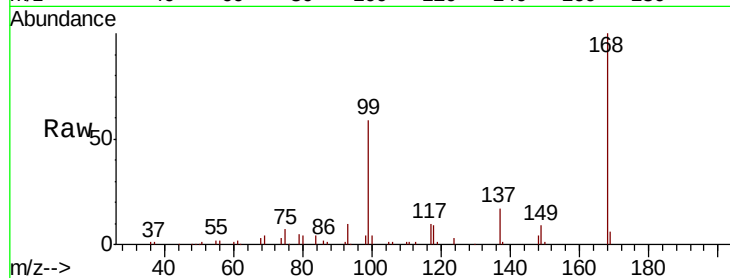
Tgt Ion: 56 Resp: 6287

Ion Ratio Lower Upper

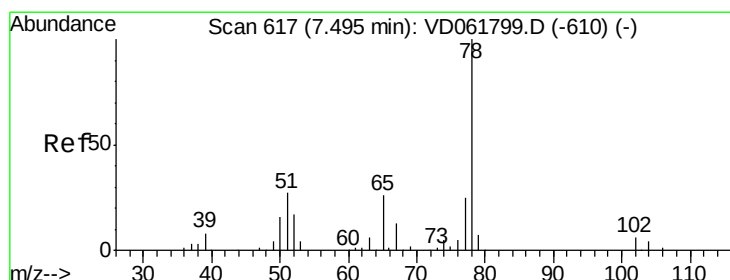
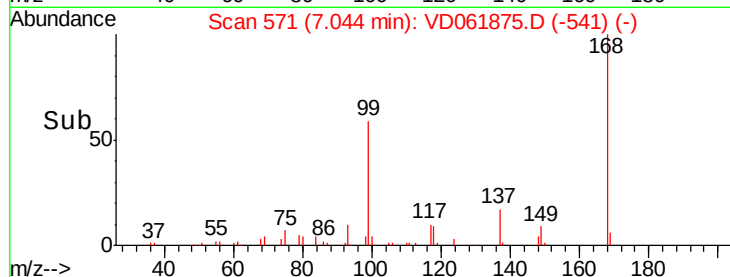
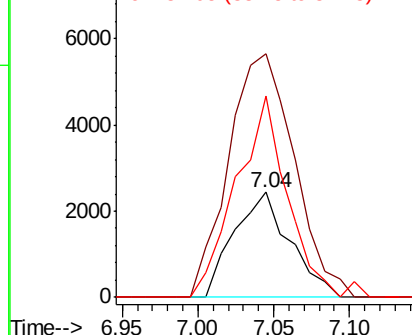
56 100

69 232.2 25.8 38.6#

84 191.5 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: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD061875.D

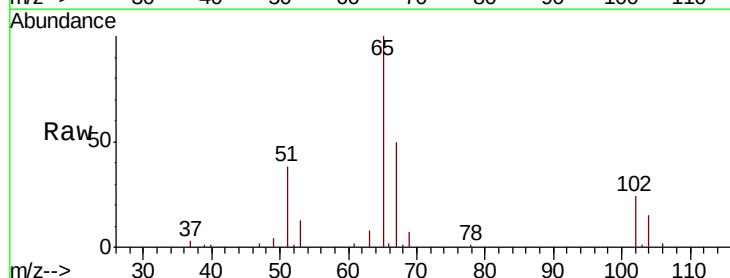
Acq: 18 Apr 2019 15:38

Tgt Ion: 65 Resp: 187111

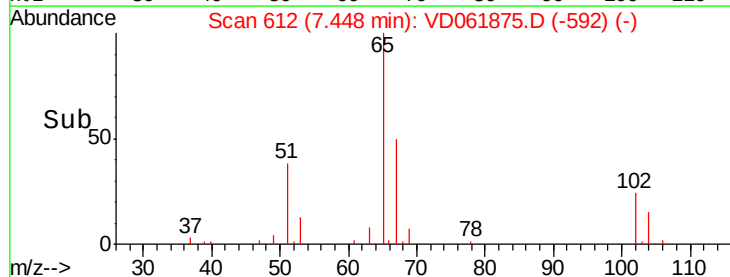
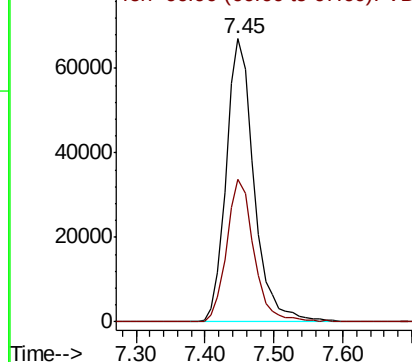
Ion Ratio Lower Upper

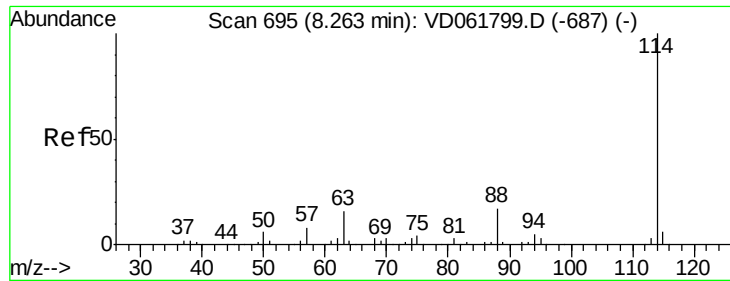
65 100

67 50.5 0.0 98.0



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

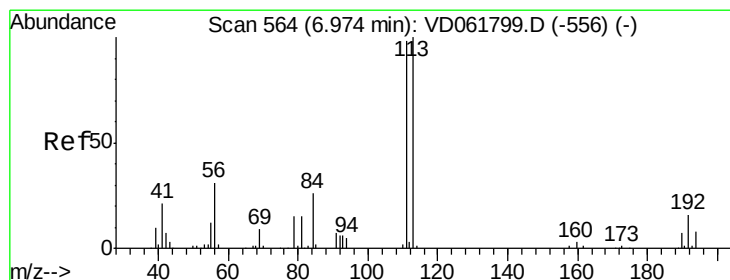
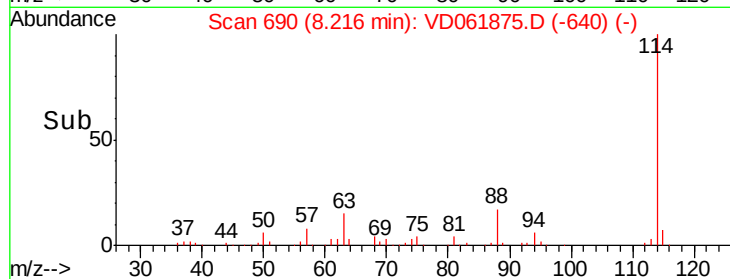
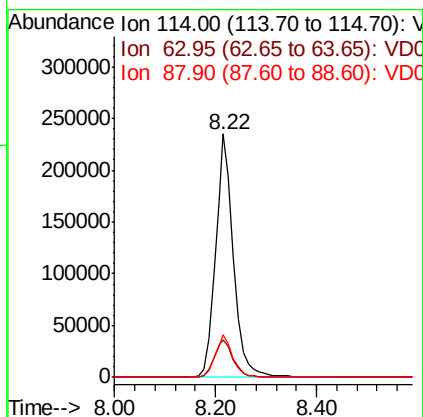
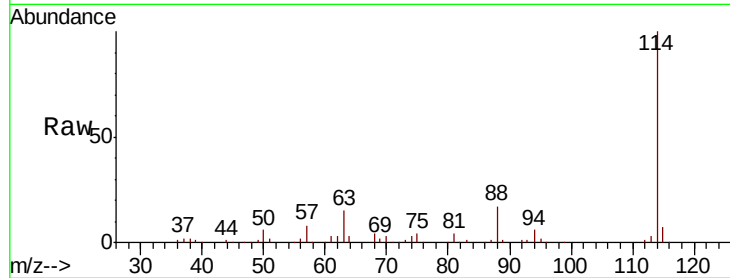




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: VD061875.D
 Acq: 18 Apr 2019 15:38

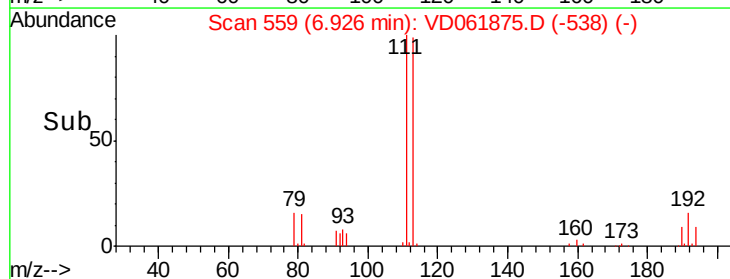
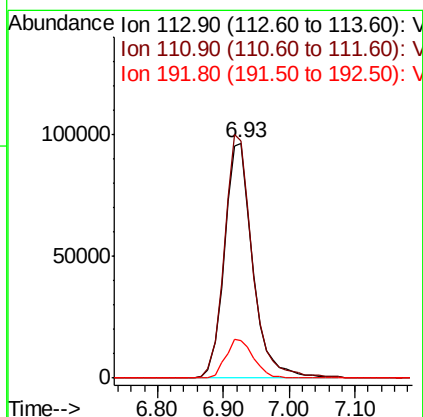
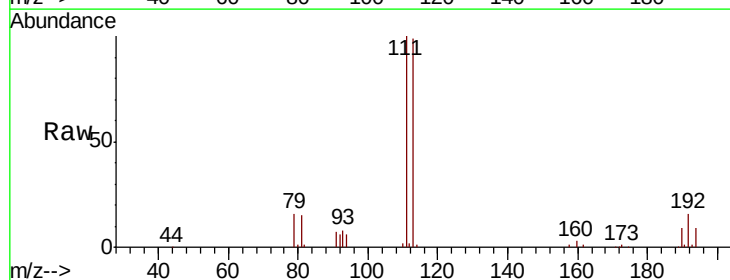
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-D2RE

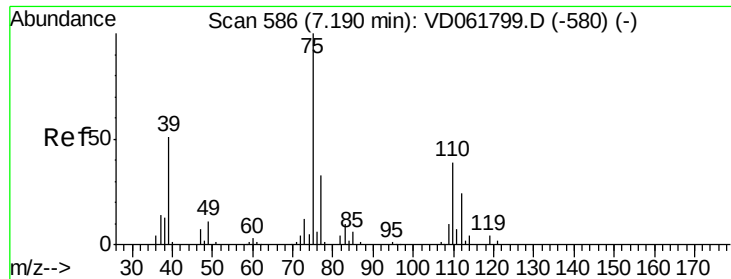
Tgt Ion:114 Resp: 583171
 Ion Ratio Lower Upper
 114 100
 63 15.2 0.0 32.4
 88 17.3 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD061875.D
 Acq: 18 Apr 2019 15:38

Tgt Ion:113 Resp: 289746
 Ion Ratio Lower Upper
 113 100
 111 101.2 78.5 117.7
 192 16.1 13.0 19.4

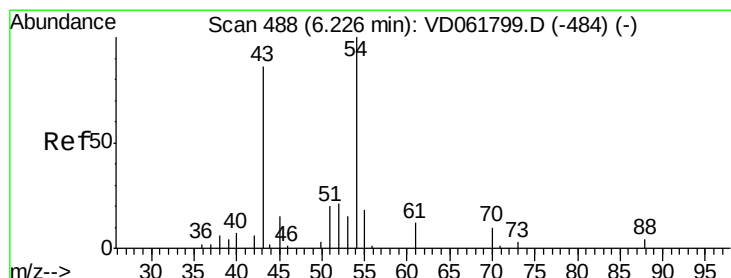
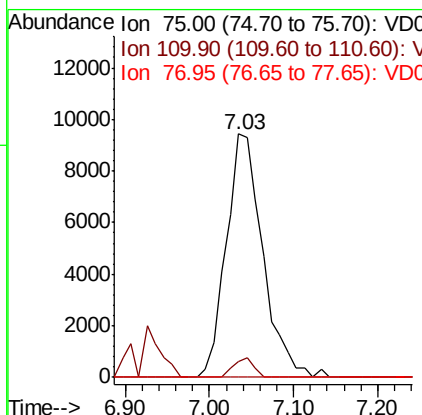
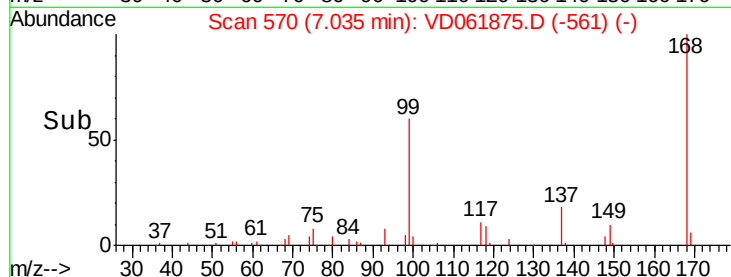
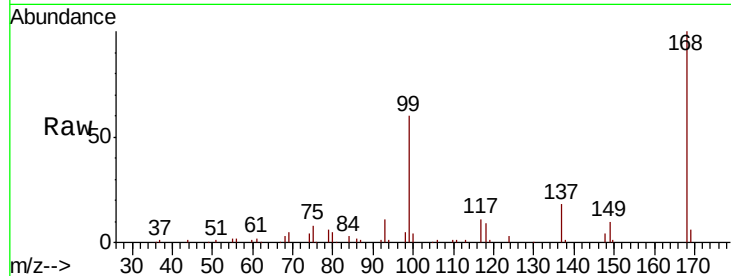




#36
 1,1-Dichloropropene
 Concen: 5.979 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.12 min
 Lab File: VD061875.D
 Acq: 18 Apr 2019 15:38

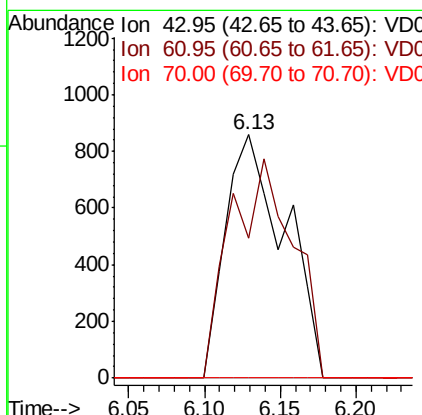
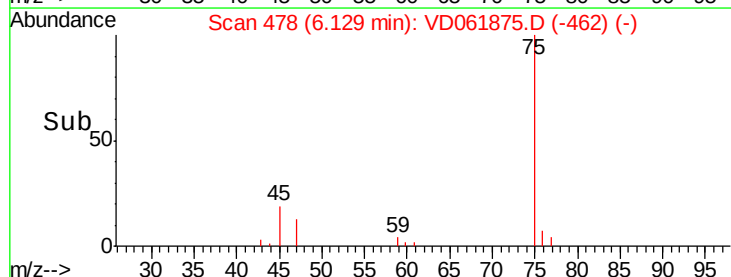
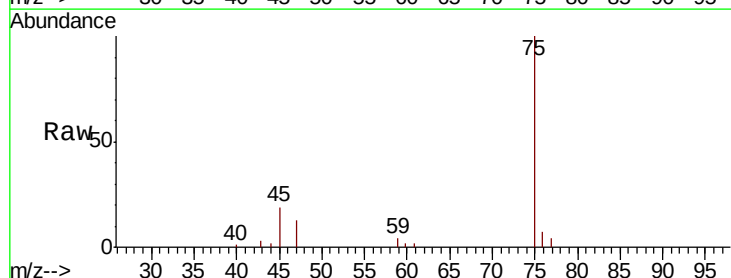
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-D2RE

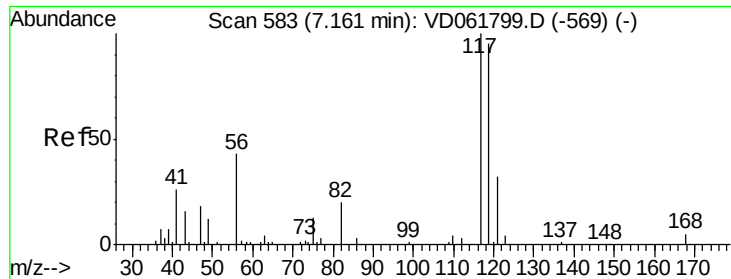
Tgt Ion: 75 Resp: 28493
 Ion Ratio Lower Upper
 75 100
 110 6.6 19.1 57.1#
 77 0.0 25.6 38.4#



#37
 Ethyl Acetate
 Concen: 1.156 ug/l
 RT: 6.13 min Scan# 478
 Delta R.T. -0.05 min
 Lab File: VD061875.D
 Acq: 18 Apr 2019 15:38

Tgt Ion: 43 Resp: 2358
 Ion Ratio Lower Upper
 43 100
 61 57.6 14.7 22.1#
 70 0.0 7.8 11.6#





#38

Carbon Tetrachloride

Concen: 6.222 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.07 min

Lab File: VD061875.D

Acq: 18 Apr 2019 15:38

Instrument :

MSVOA_D

ClientSampleId :

TP-1-D2RE

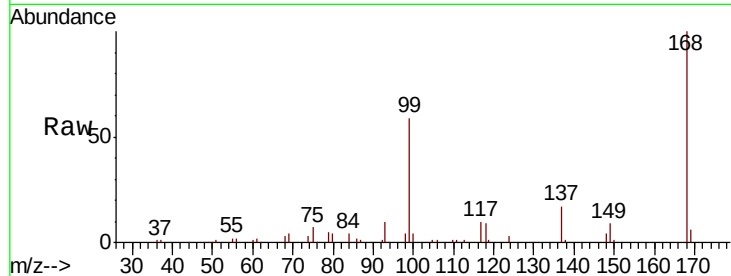
Tgt Ion:117 Resp: 37438

Ion Ratio Lower Upper

117 100

119 5.6 75.8 113.8#

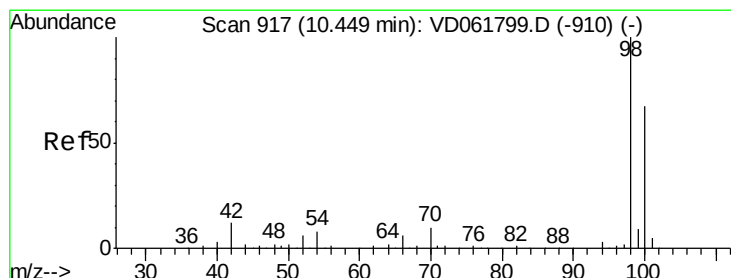
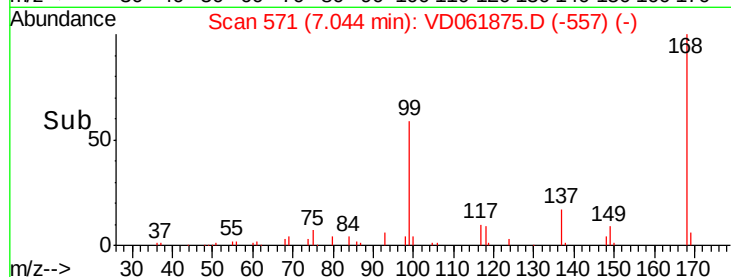
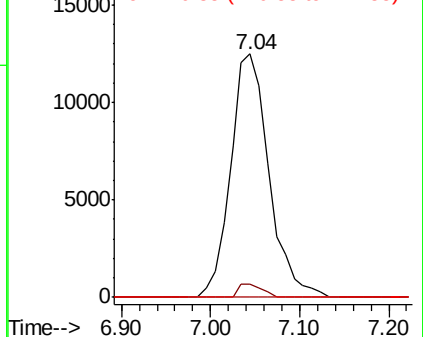
121 0.0 25.9 38.9#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD061875.D

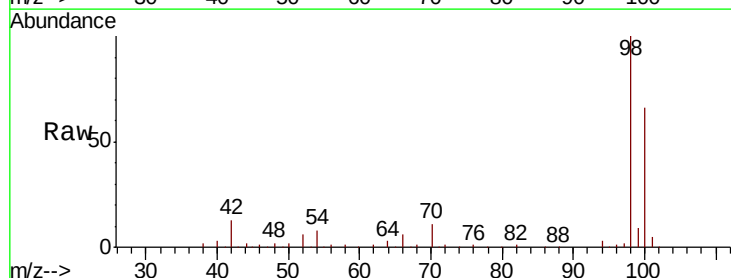
Acq: 18 Apr 2019 15:38

Tgt Ion: 98 Resp: 597296

Ion Ratio Lower Upper

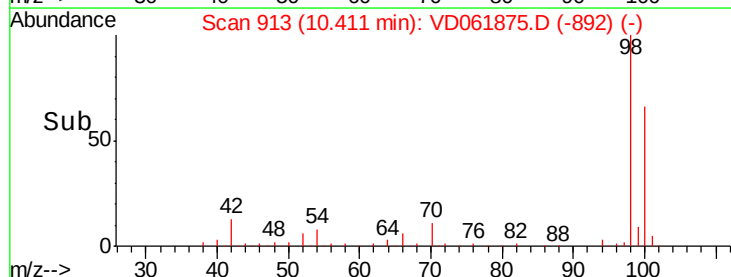
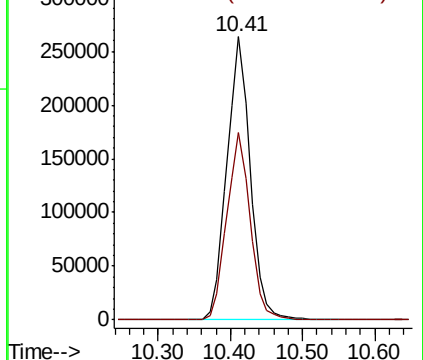
98 100

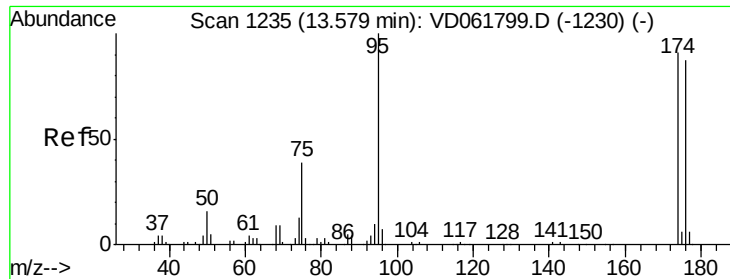
100 66.2 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD061875.D

Acq: 18 Apr 2019 15:38

Instrument :

MSVOA_D

ClientSampleId :

TP-1-D2RE

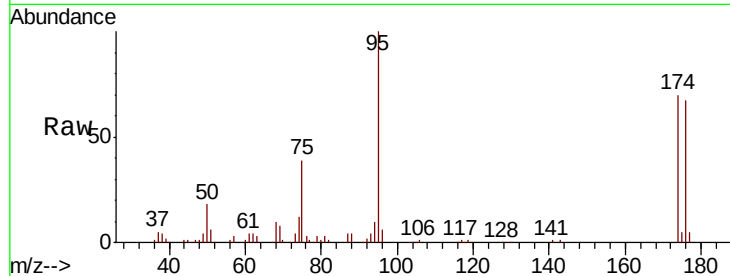
Tgt Ion: 95 Resp: 203542

Ion Ratio Lower Upper

95 100

174 69.8 0.0 181.8

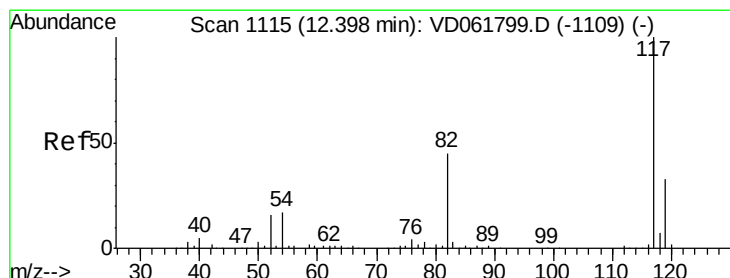
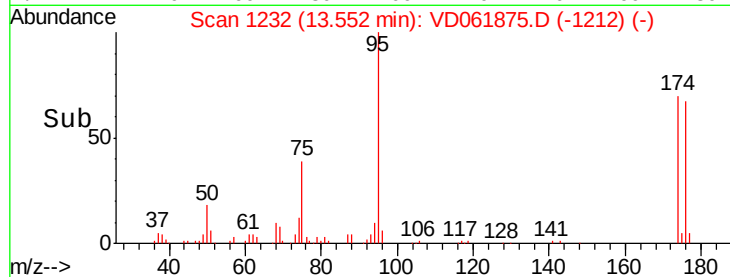
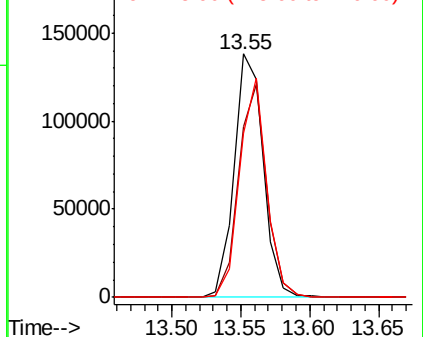
176 67.2 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): V

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: VD061875.D

Acq: 18 Apr 2019 15:38

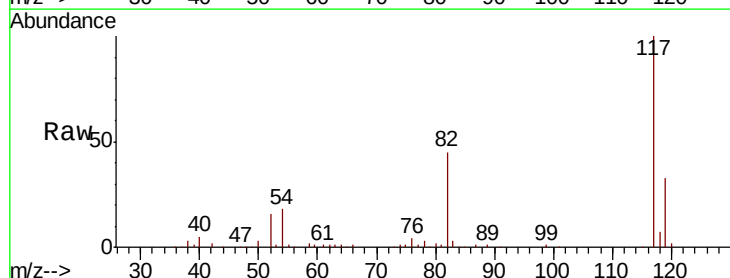
Tgt Ion: 117 Resp: 460435

Ion Ratio Lower Upper

117 100

82 45.4 36.2 54.2

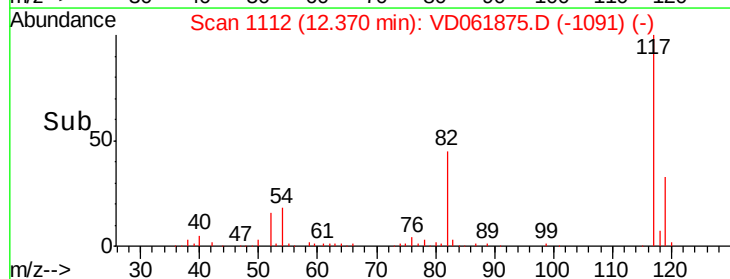
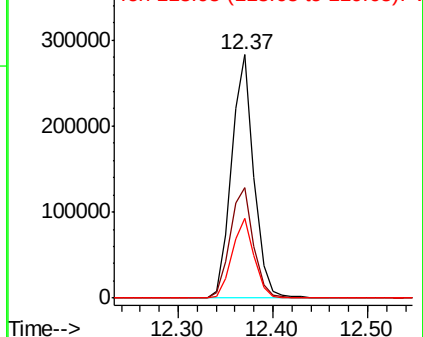
119 32.9 26.2 39.4

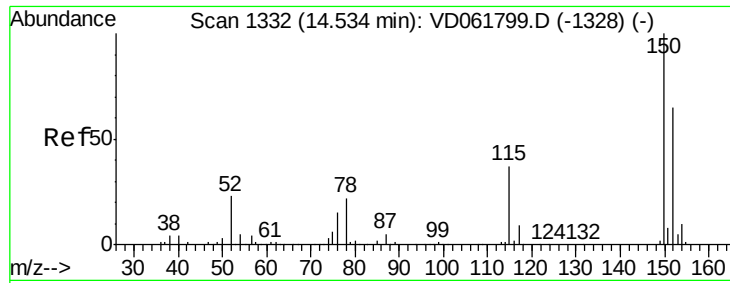


Abundance Ion 116.95 (116.65 to 117.65): V

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. -0.01 min

Lab File: VD061875.D

Acq: 18 Apr 2019 15:38

Instrument :

MSVOA_D

ClientSampleId :

TP-1-D2RE

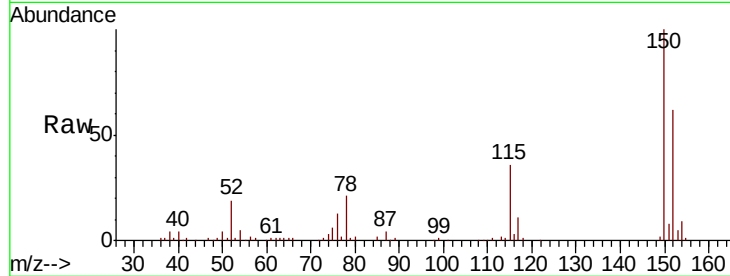
Tgt Ion:152 Resp: 178707

Ion Ratio Lower Upper

152 100

115 58.4 30.9 92.7

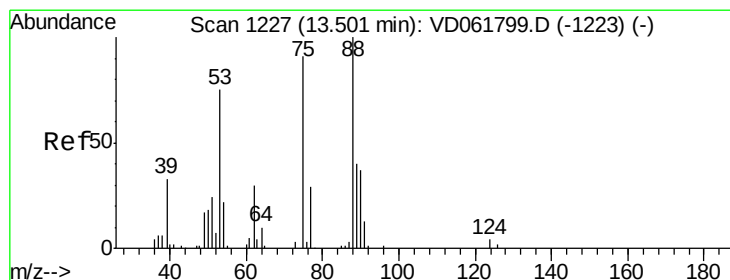
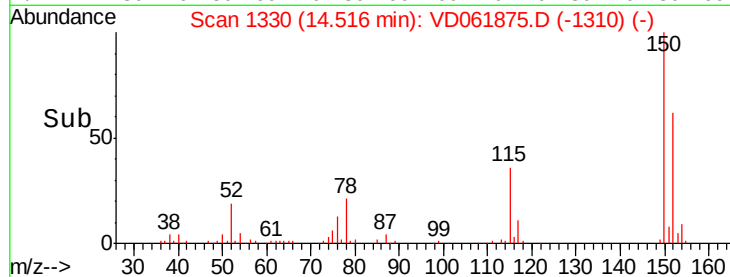
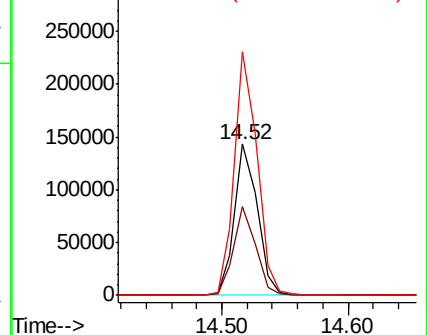
150 161.2 0.0 314.8



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: 97.434 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD061875.D

Acq: 18 Apr 2019 15:38

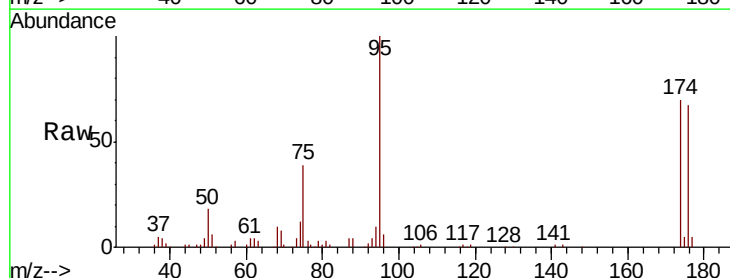
Tgt Ion: 75 Resp: 76685

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): V

Ion 53.00 (52.70 to 53.70): V

Ion 89.00 (88.70 to 89.70): V

