

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041919\
 Data File : VD061910.D
 Acq On : 19 Apr 2019 15:14
 Operator : VA/AP
 Sample : K2422-11
 Misc : 6.68g/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-S

Quant Time: Apr 19 15:38:30 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	350816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	570249	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	459089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	171025	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	203031	69.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.10%	
35) Dibromofluoromethane	6.93	113	293542	68.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.26%	
50) Toluene-d8	10.42	98	584741	57.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.56%	
62) 4-Bromofluorobenzene	13.56	95	199129	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	

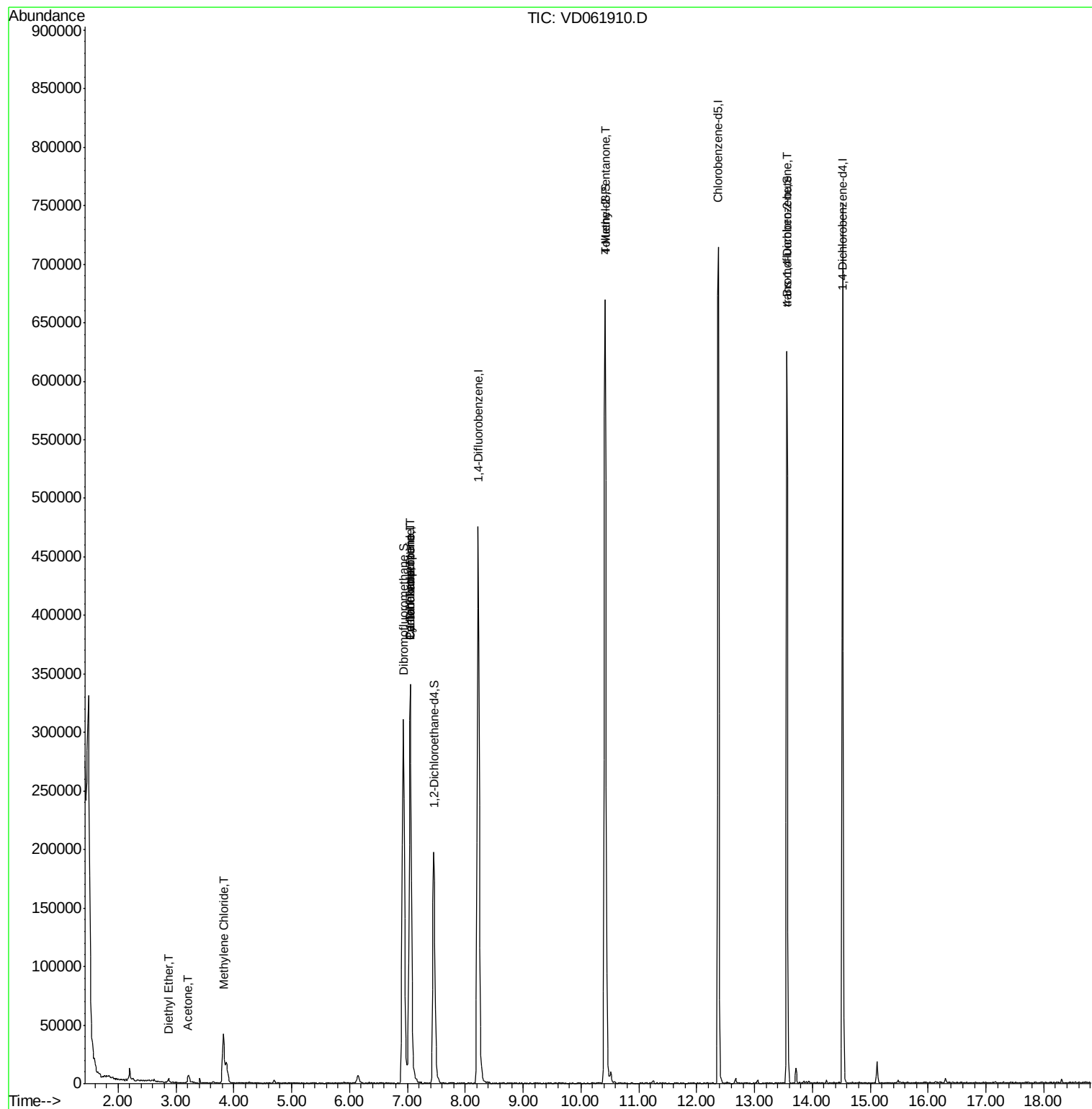
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.13	94	260	Below Cal	#	12
8) Diethyl Ether	2.88	74	1368	1.188	ug/l	54
16) Acetone	3.21	43	14292	19.723	ug/l	90
20) Methylene Chloride	3.82	84	31307	4.519	ug/l	96
31) Cyclohexane	7.04	56	5676	1.275	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	24093	5.170	ug/l #	46
38) Carbon Tetrachloride	7.05	117	34155	5.805	ug/l #	12
51) 4-Methyl-2-Pentanone	10.42	43	2166	1.262	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.56	75	75765	100.482	ug/l #	16

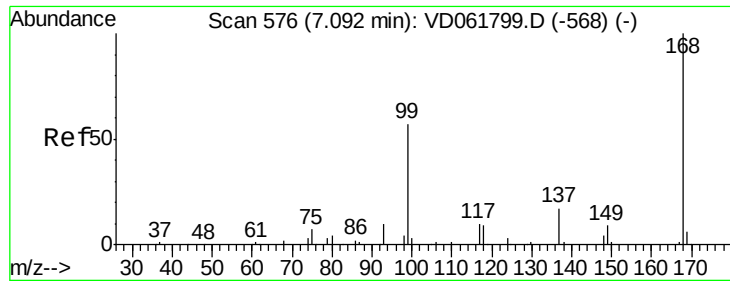
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD041919\
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TP3-S

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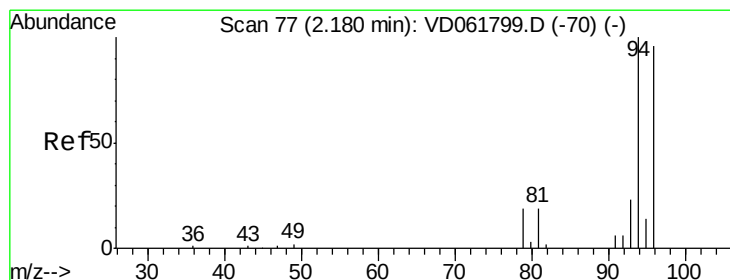
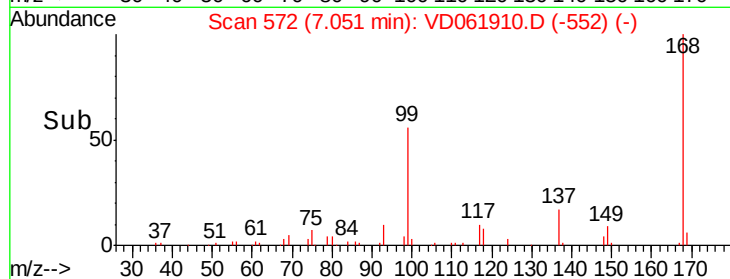
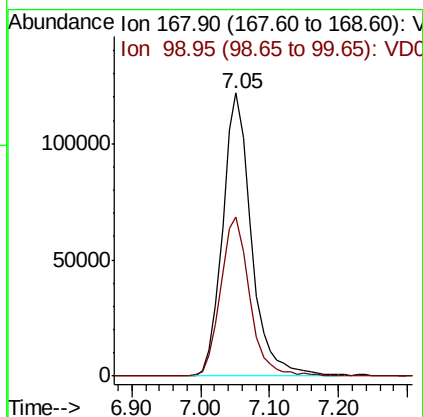
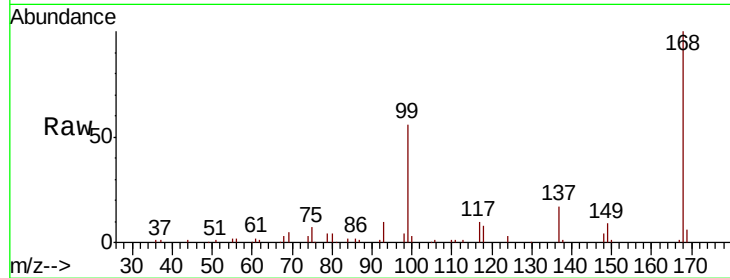




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.00 min
Lab File: VD061910.D
Acq: 19 Apr 2019 15:14

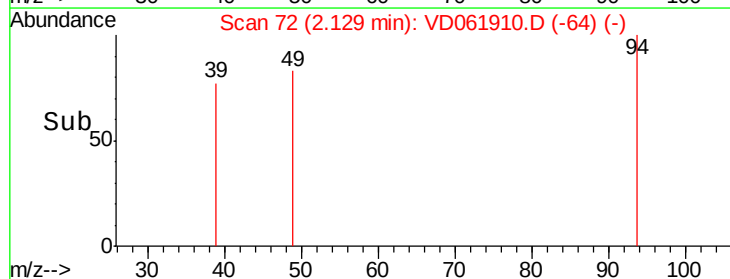
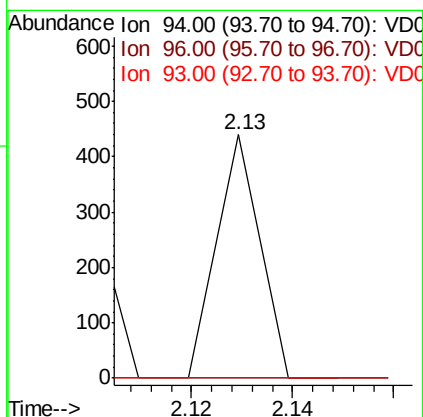
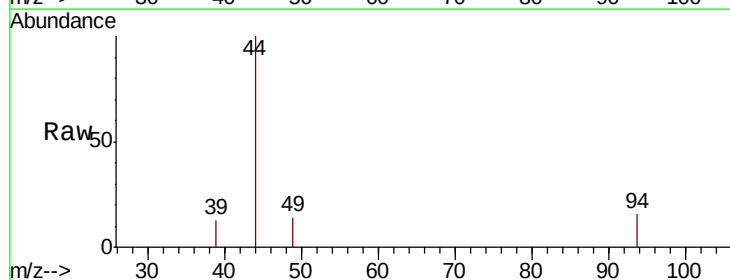
Instrument :
MSVOA_D
ClientSampleId :
TP3-S

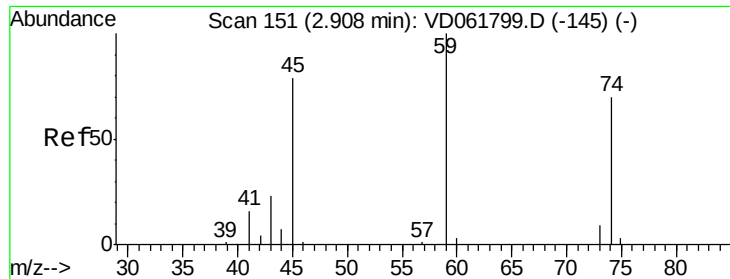
Tgt Ion: 168 Resp: 350816
Ion Ratio Lower Upper
168 100
99 56.4 46.5 69.7



#5
Bromomethane
Concen: Below Cal
RT: 2.13 min Scan# 72
Delta R.T. -0.02 min
Lab File: VD061910.D
Acq: 19 Apr 2019 15:14

Tgt Ion: 94 Resp: 260
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#
93 0.0 18.5 27.7#





#8

Diethyl Ether

Concen: 1.188 ug/l

RT: 2.88 min Scan# 148

Delta R.T. 0.01 min

Lab File: VD061910.D

Acq: 19 Apr 2019 15:14

Instrument :

MSVOA_D

ClientSampleId :

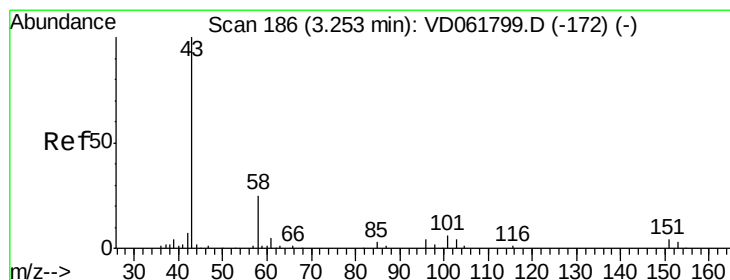
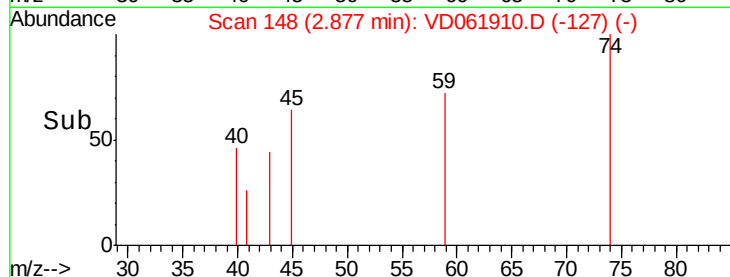
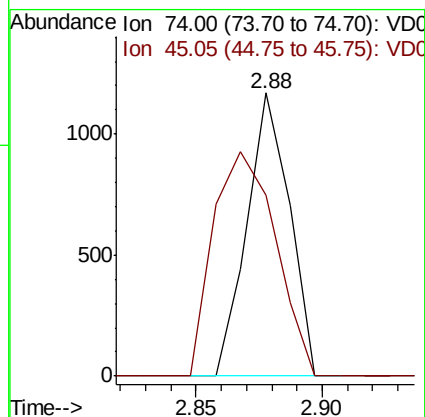
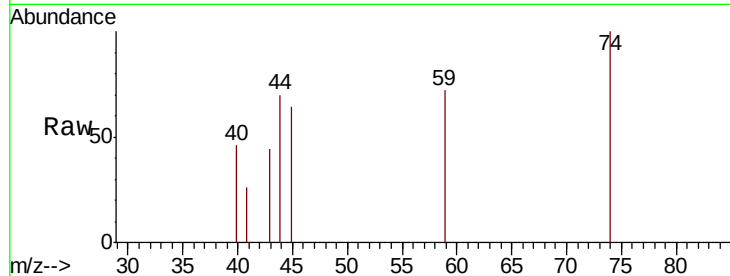
TP3-S

Tgt Ion: 74 Resp: 1368

Ion Ratio Lower Upper

74 100

45 64.2 56.9 170.7



#16

Acetone

Concen: 19.723 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD061910.D

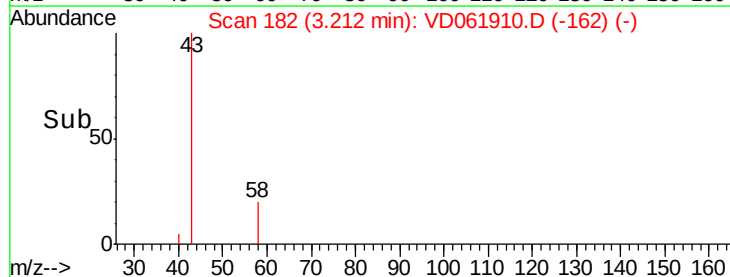
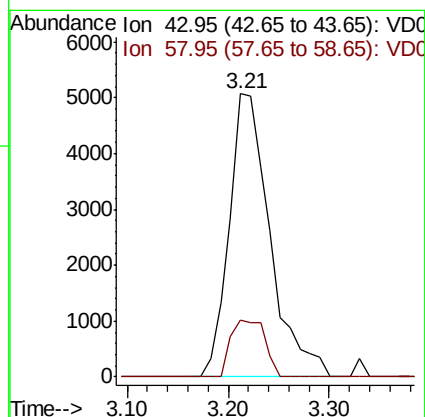
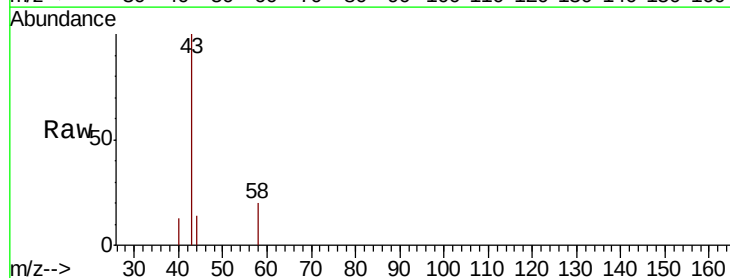
Acq: 19 Apr 2019 15:14

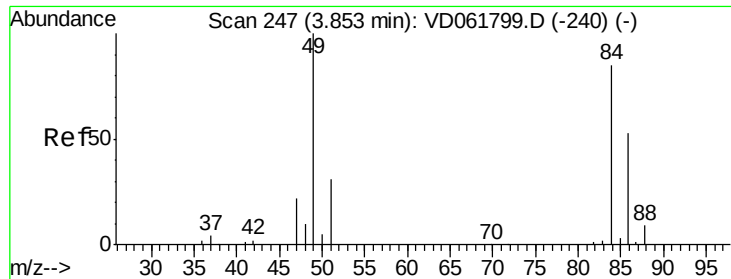
Tgt Ion: 43 Resp: 14292

Ion Ratio Lower Upper

43 100

58 20.0 19.9 29.9

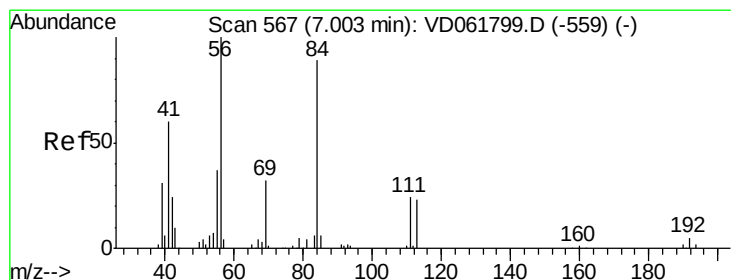
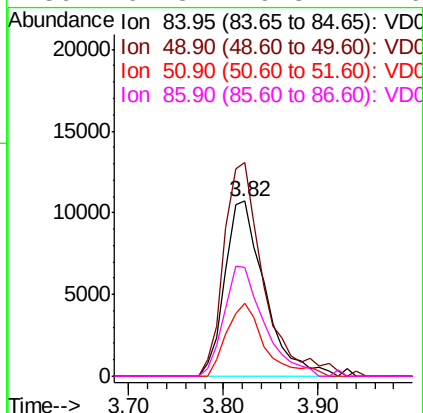
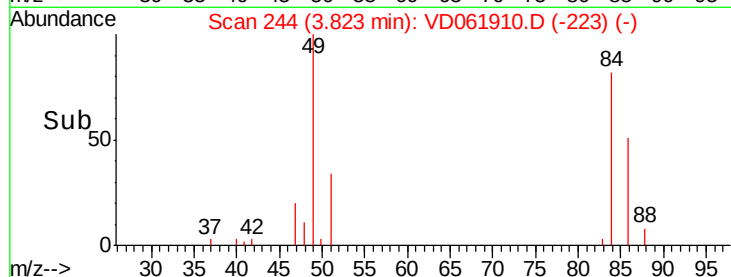
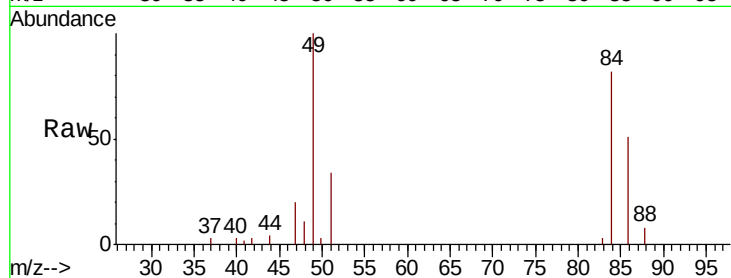




#20
Methylene Chloride
Concen: 4.519 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD061910.D
Acq: 19 Apr 2019 15:14

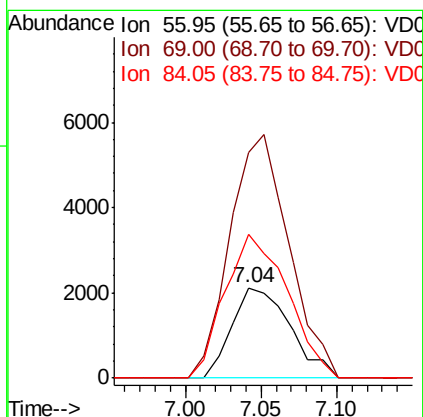
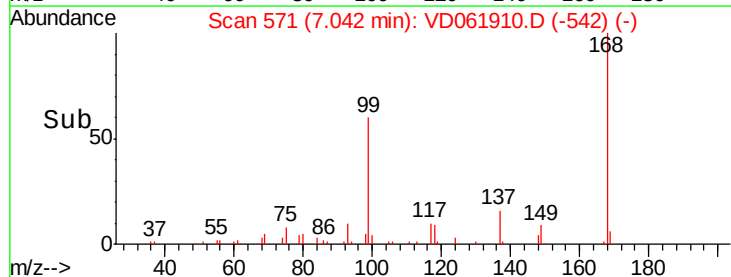
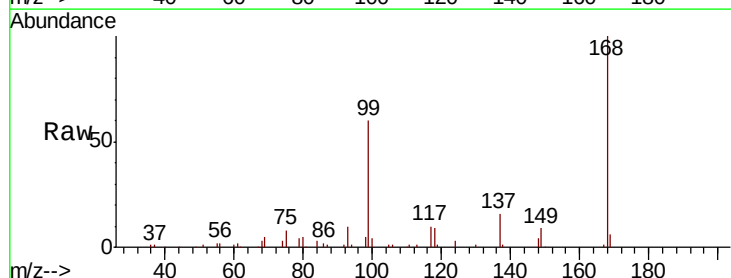
Instrument :
MSVOA_D
ClientSampleId :
TP3-S

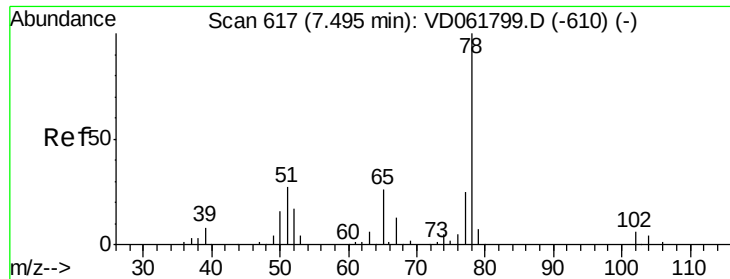
Tgt Ion:	84	Resp:	31307
Ion	Ratio	Lower	Upper
84	100		
49	121.9	94.0	141.0
51	41.4	29.0	43.4
86	62.3	49.8	74.6



#31
Cyclohexane
Concen: 1.275 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.09 min
Lab File: VD061910.D
Acq: 19 Apr 2019 15:14

Tgt Ion:	56	Resp:	5676
Ion	Ratio	Lower	Upper
56	100		
69	249.7	25.8	38.6#
84	159.6	72.2	108.4#

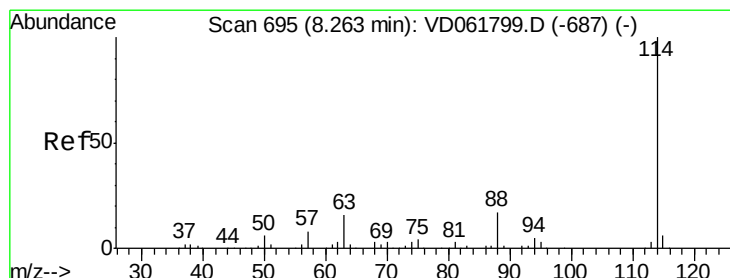
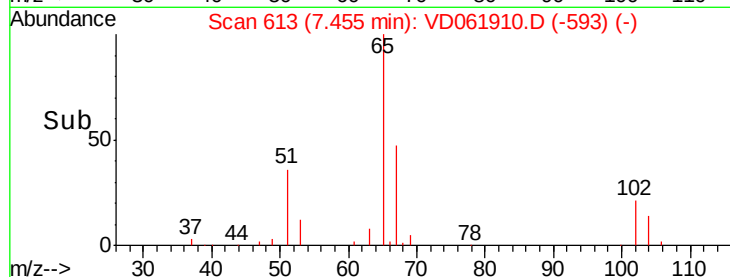
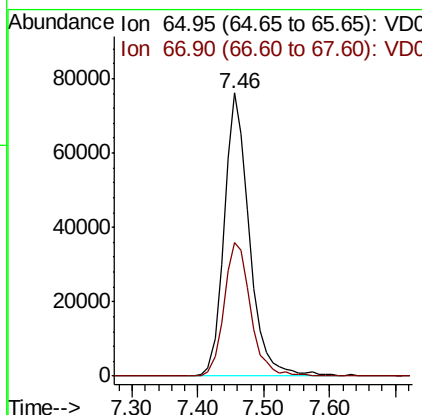
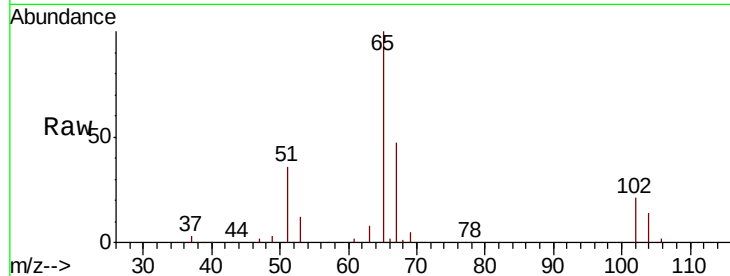




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: VD061910.D
 Acq: 19 Apr 2019 15:14

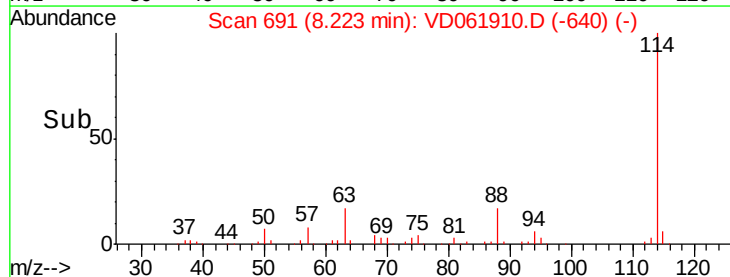
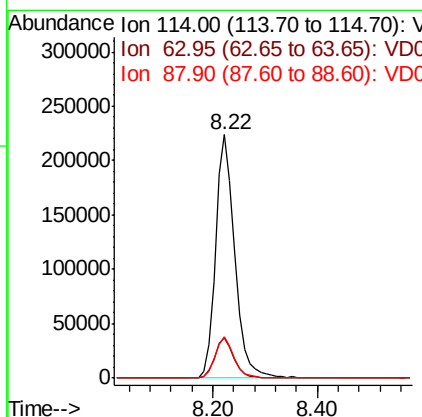
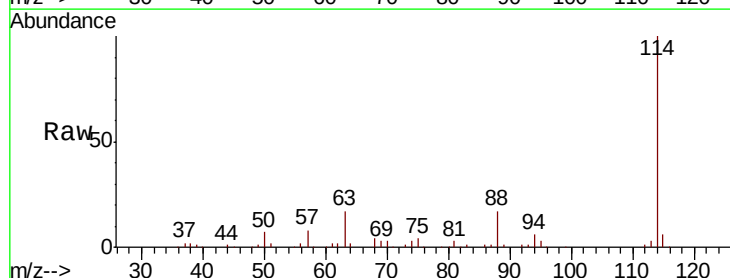
Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-S

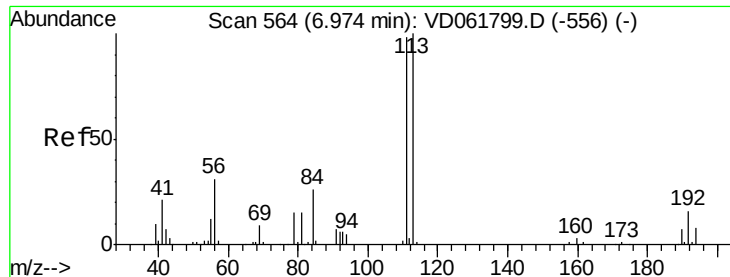
Tgt Ion: 65 Resp: 203031
 Ion Ratio Lower Upper
 65 100
 67 47.3 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: VD061910.D
 Acq: 19 Apr 2019 15:14

Tgt Ion: 114 Resp: 570249
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 32.4
 88 16.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD061910.D

Acq: 19 Apr 2019 15:14

Instrument :

MSVOA_D

ClientSampled :

TP3-S

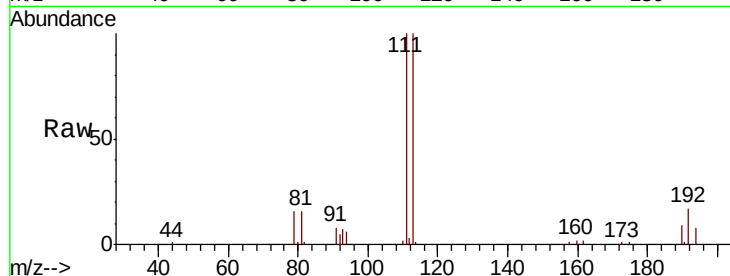
Tgt Ion:113 Resp: 293542

Ion Ratio Lower Upper

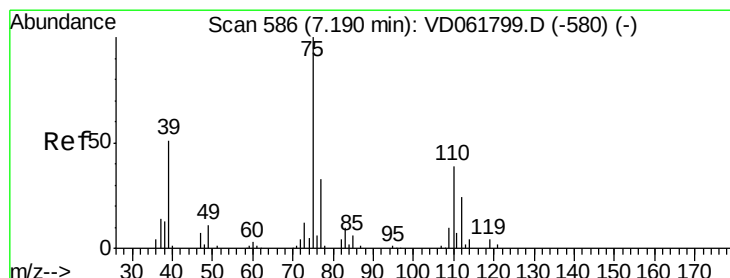
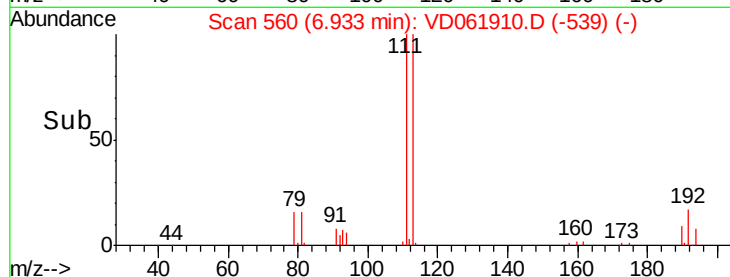
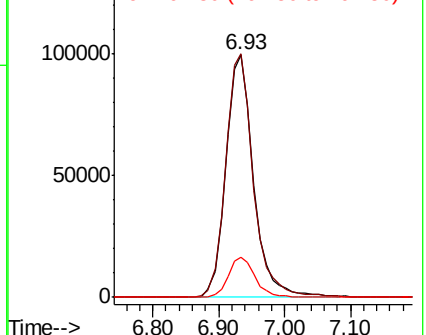
113 100

111 100.3 78.5 117.7

192 16.6 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: 5.170 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.10 min

Lab File: VD061910.D

Acq: 19 Apr 2019 15:14

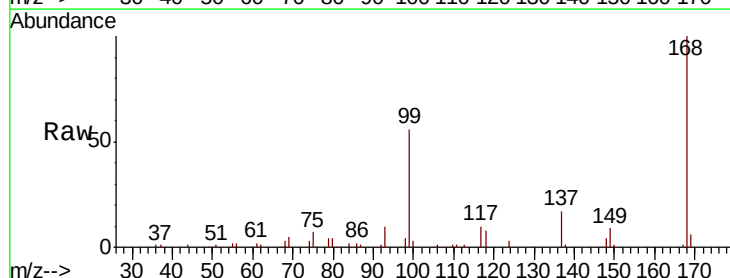
Tgt Ion: 75 Resp: 24093

Ion Ratio Lower Upper

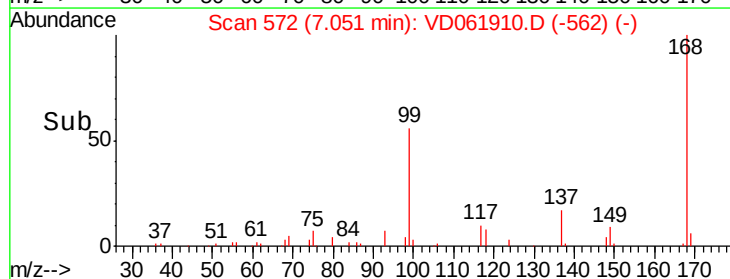
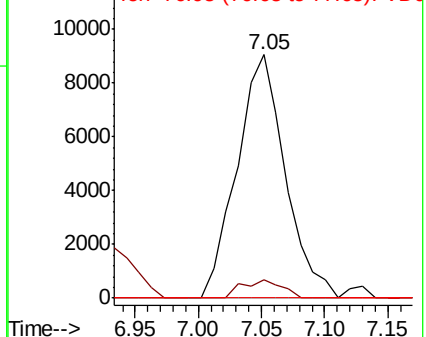
75 100

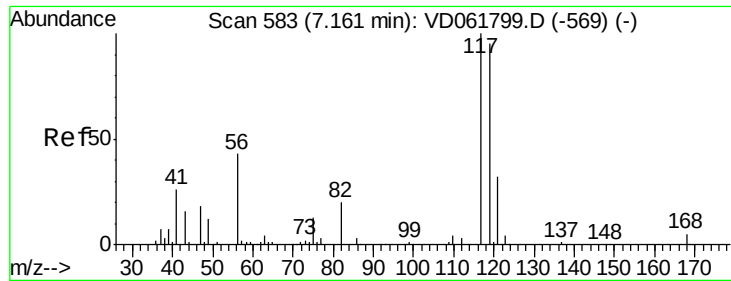
110 7.4 19.1 57.1#

77 0.0 25.6 38.4#



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





#38

Carbon Tetrachloride

Concen: 5.805 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.06 min

Lab File: VD061910.D

Acq: 19 Apr 2019 15:14

Instrument :

MSVOA_D

ClientSampleId :

TP3-S

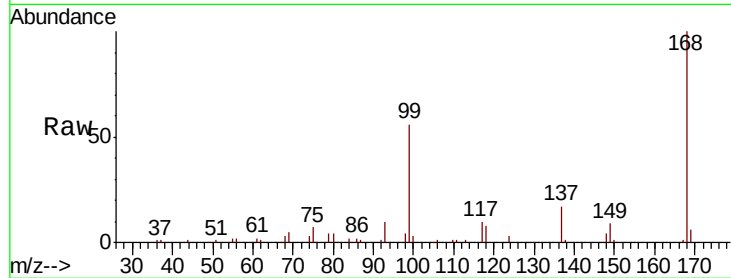
Tgt Ion:117 Resp: 34155

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.8#

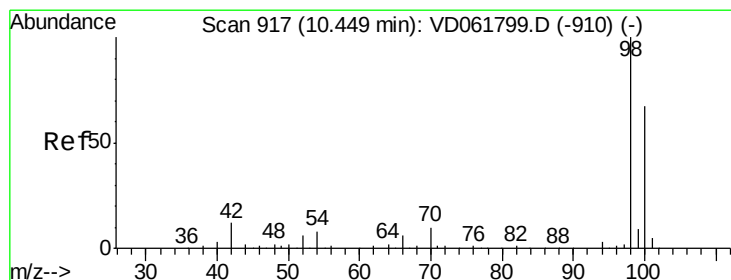
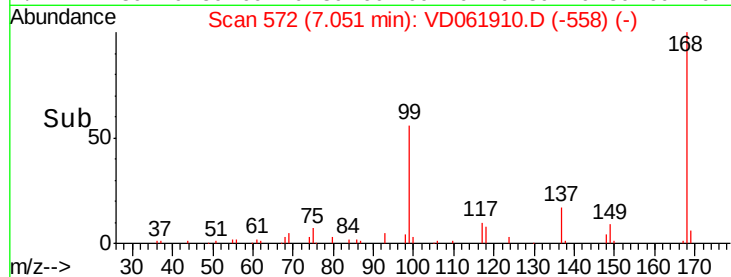
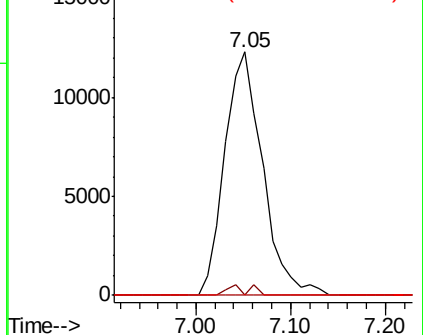
121 0.0 25.9 38.9#



Abundance Ion 116.85 (116.55 to 117.55): 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: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD061910.D

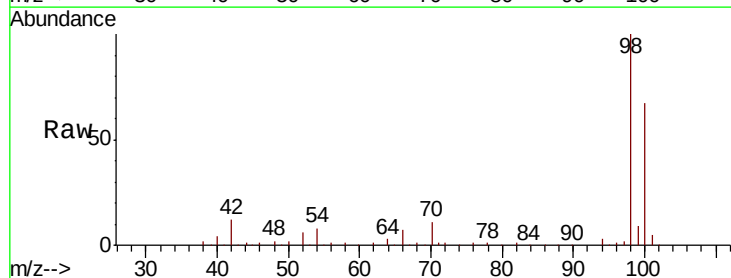
Acq: 19 Apr 2019 15:14

Tgt Ion: 98 Resp: 584741

Ion Ratio Lower Upper

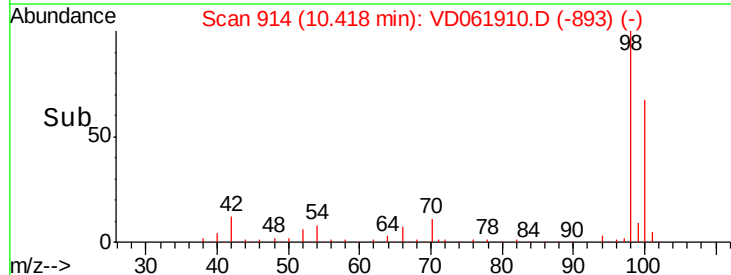
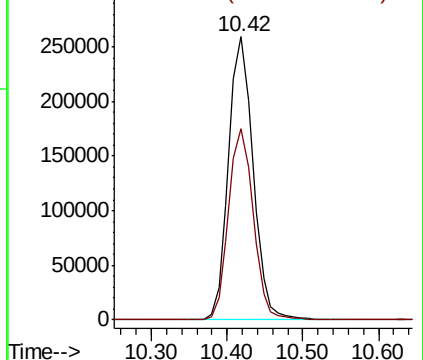
98 100

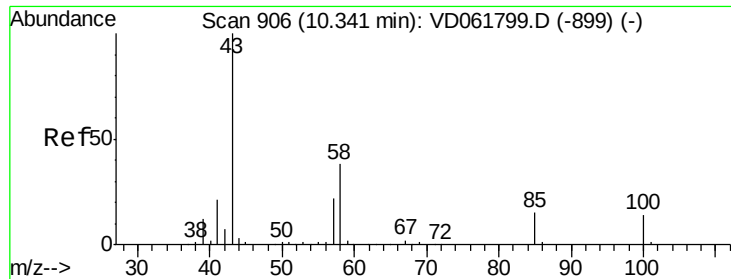
100 67.4 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

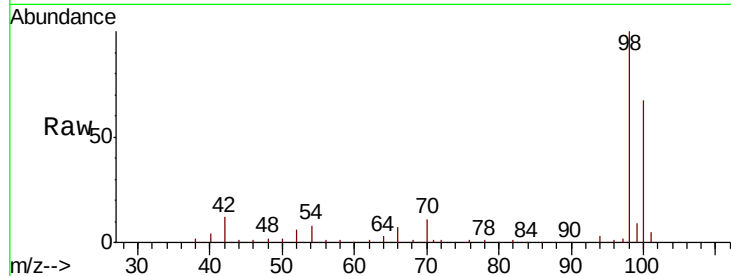




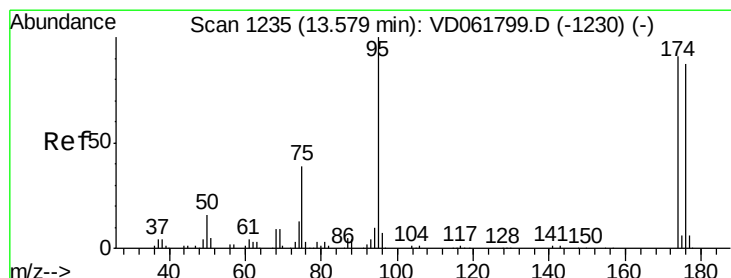
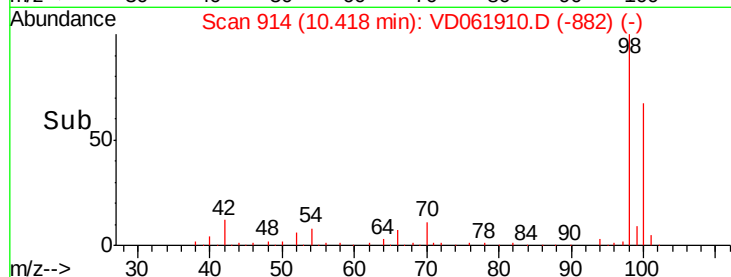
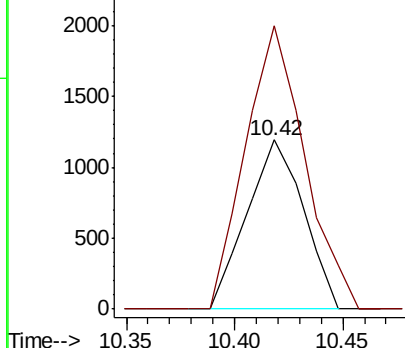
#51
4-Methyl-2-Pentanone
Concen: 1.262 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.12 min
Lab File: VD061910.D
Acq: 19 Apr 2019 15:14

Instrument :
MSVOA_D
ClientSampled :
TP3-S

Tgt Ion: 43 Resp: 2166
Ion Ratio Lower Upper
43 100
58 167.3 30.4 45.6#

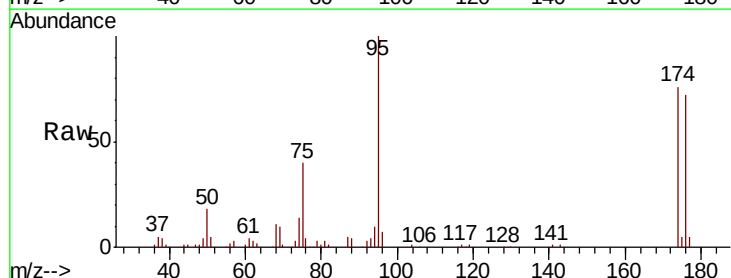


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

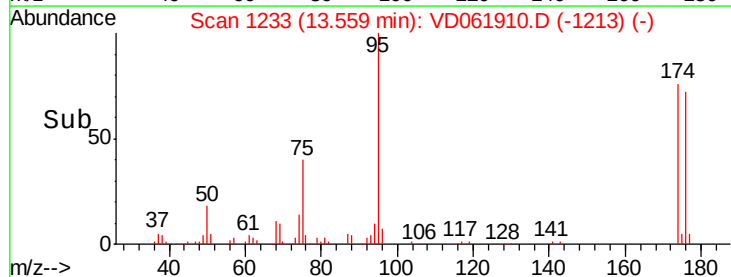
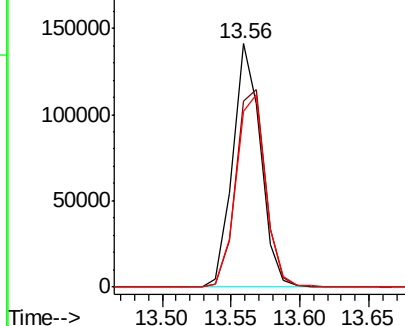


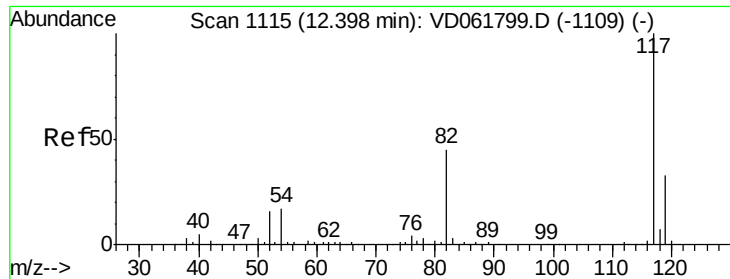
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VD061910.D
Acq: 19 Apr 2019 15:14

Tgt Ion: 95 Resp: 199129
Ion Ratio Lower Upper
95 100
174 76.5 0.0 181.8
176 72.3 0.0 174.4



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

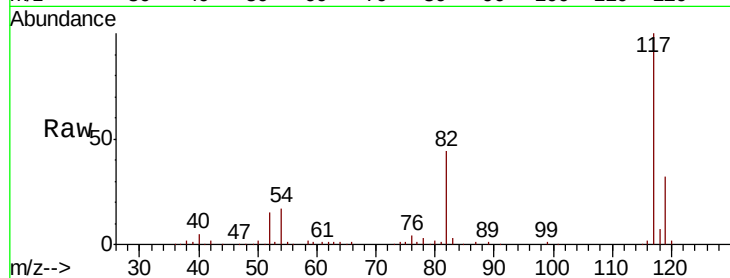




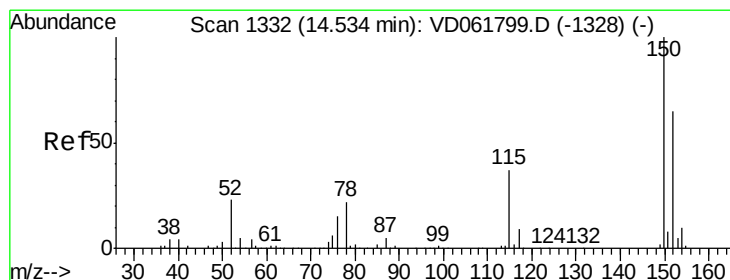
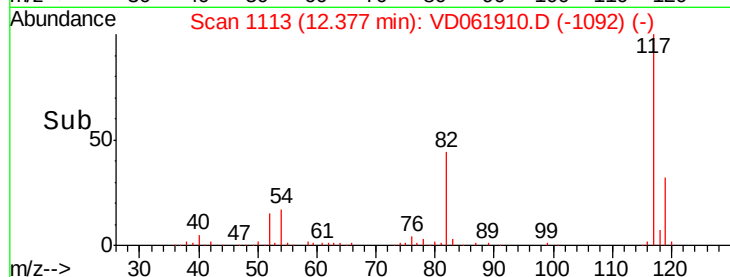
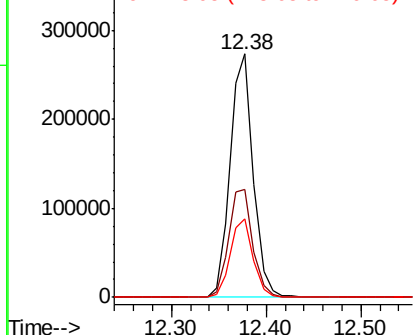
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD061910.D
Acq: 19 Apr 2019 15:14

Instrument :
MSVOA_D
ClientSampleId :
TP3-S

Tgt Ion:117 Resp: 459089
Ion Ratio Lower Upper
117 100
82 44.4 36.2 54.2
119 32.3 26.2 39.4

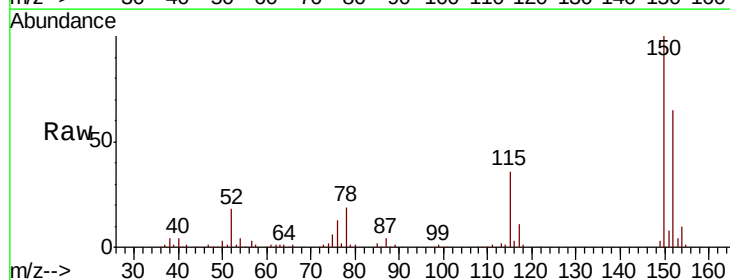


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

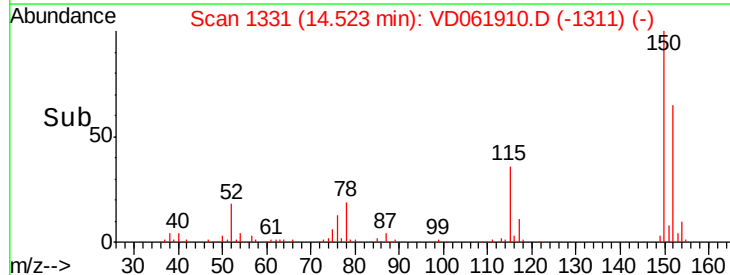
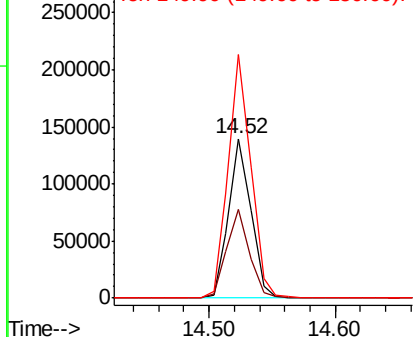


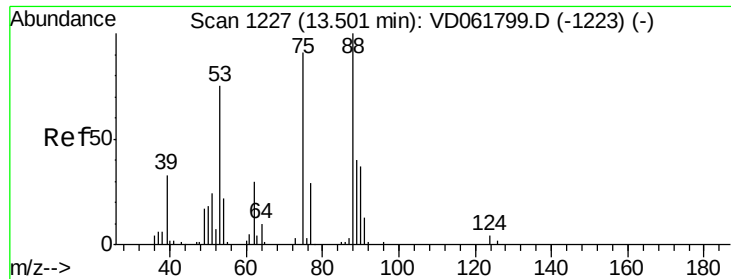
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.00 min
Lab File: VD061910.D
Acq: 19 Apr 2019 15:14

Tgt Ion:152 Resp: 171025
Ion Ratio Lower Upper
152 100
115 55.6 30.9 92.7
150 153.0 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: 100.482 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD061910.D

Acq: 19 Apr 2019 15:14

Instrument :

MSVOA_D

ClientSampleId :

TP3-S

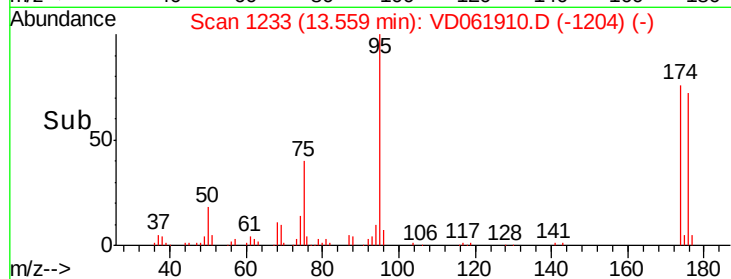
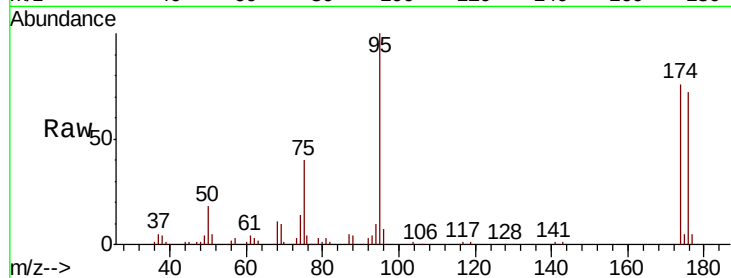
Tgt Ion: 75 Resp: 75765

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

