

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061889.D
 Acq On : 19 Apr 2019 1:15
 Operator : VA/AP
 Sample : VD0418SBL02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0419

Quant Time: Apr 19 01:58:03 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	535768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	893210	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	683230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	348819	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	248690	55.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.76%	
35) Dibromofluoromethane	6.93	113	346252	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
50) Toluene-d8	10.42	98	788491	49.31	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	13.56	95	289030	44.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.20%	

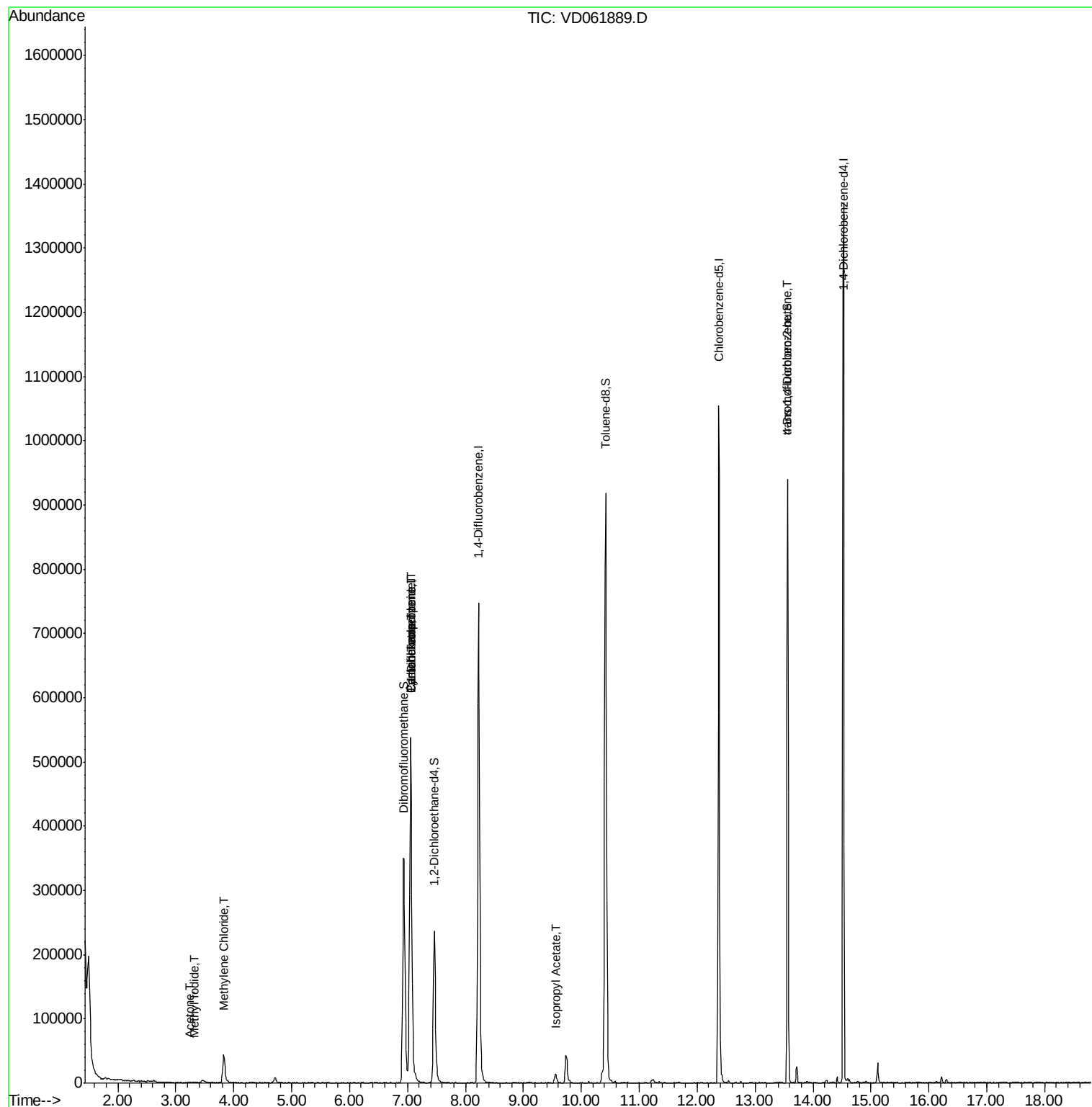
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.13	94	857	Below Cal	#	12
10) Methyl Iodide	3.32	142	396	3.553	ug/l #	37
16) Acetone	3.23	43	1749	1.580	ug/l #	50
20) Methylene Chloride	3.83	84	32527	1.460	ug/l	95
31) Cyclohexane	7.04	56	9737	1.432	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	39894	5.466	ug/l #	45
38) Carbon Tetrachloride	7.05	117	52434	5.689	ug/l #	15
43) Isopropyl Acetate	9.55	43	12493	2.842	ug/l #	43
81) trans-1,4-Dichloro-2-buten	13.56	75	110911	73.057	ug/l #	16

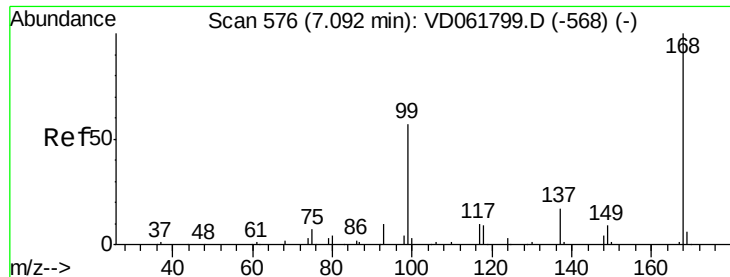
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041819\
Data File : VD061889.D
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Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0419

Quant Time: Apr 19 01:58:03 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: 7.05 min Scan# 572

Delta R.T. 0.00 min

Lab File: VD061889.D

Acq: 19 Apr 2019 1:15

Instrument :

MSVOA_D

ClientSampled :

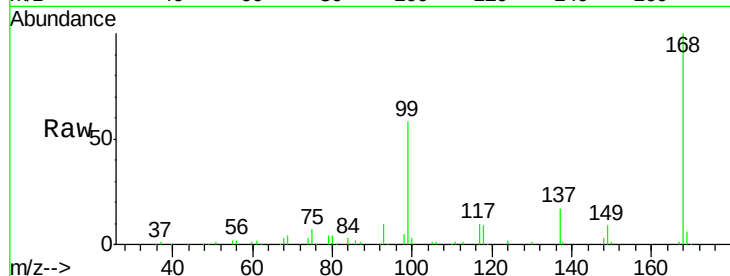
VD0419

Tot Ion:168 Resp: 535768

Ion Ratio Lower Upper

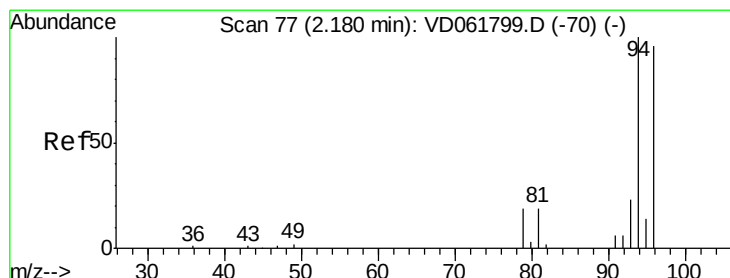
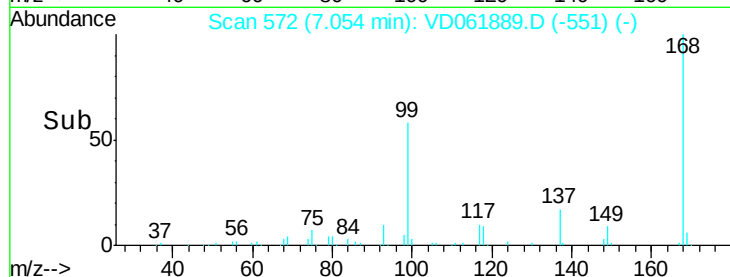
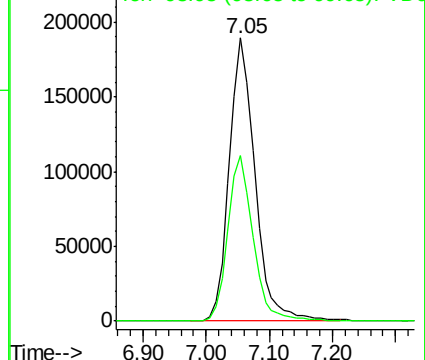
168 100

99 58.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: Below Cal

RT: 2.13 min Scan# 72

Delta R.T. -0.02 min

Lab File: VD061889.D

Acq: 19 Apr 2019 1:15

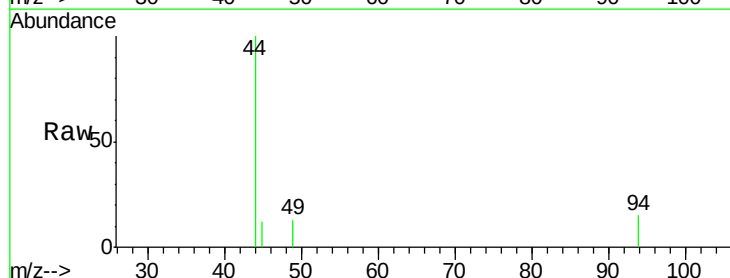
Tgt Ion: 94 Resp: 857

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

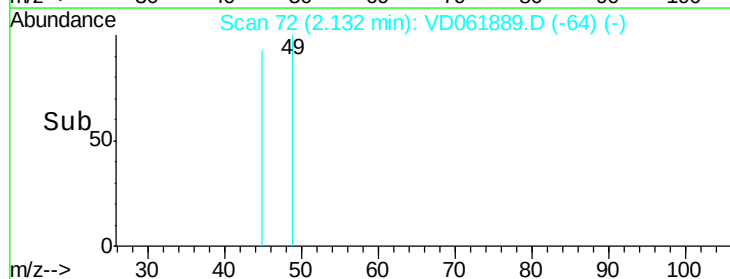
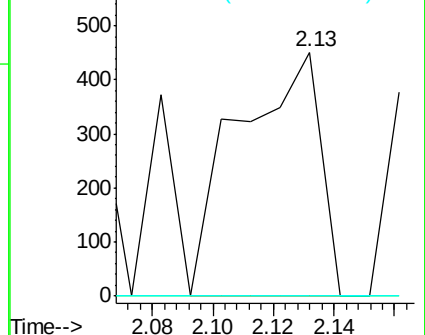
93 0.0 18.5 27.7#

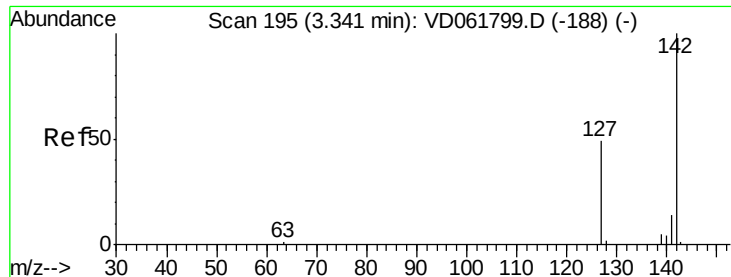


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

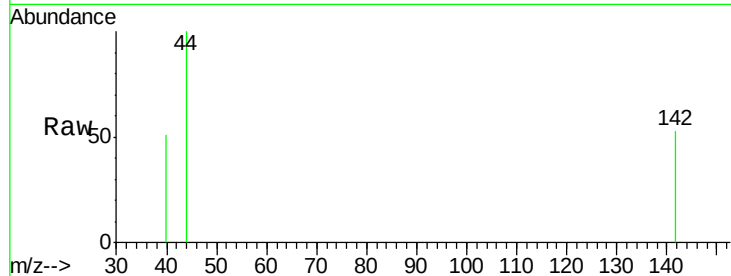




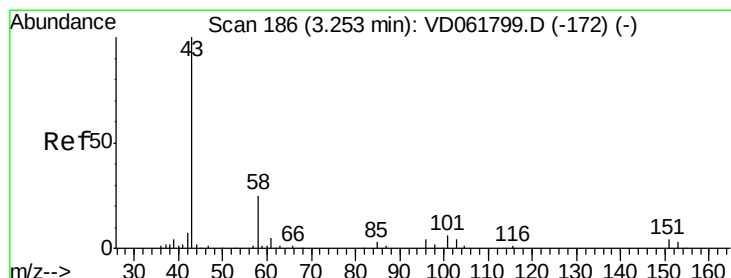
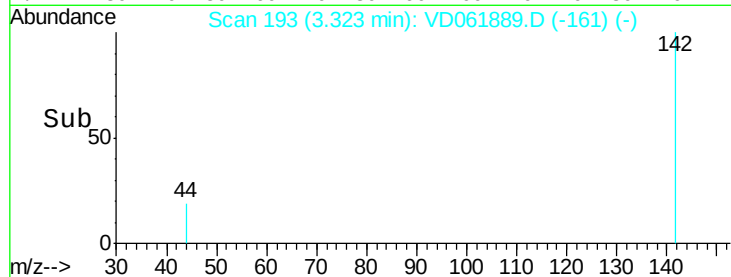
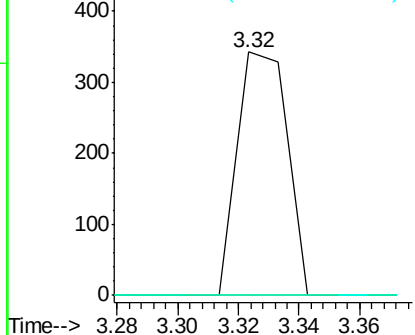
#10
Methvl Iodide
Concen: 3.553 ug/l
RT: 3.32 min Scan# 193
Delta R.T. 0.01 min
Lab File: VD061889.D
Acq: 19 Apr 2019 1:15

Instrument :
MSVOA_D
ClientSampleId :
VD0419

Tot Ion:142 Resp: 396
Ion Ratio Lower Upper
142 100
127 0.0 38.8 58.2#
141 0.0 11.4 17.0#

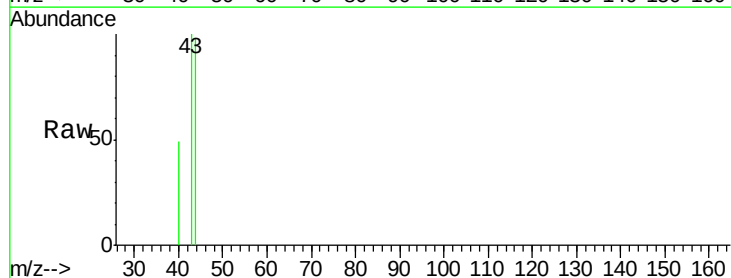


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

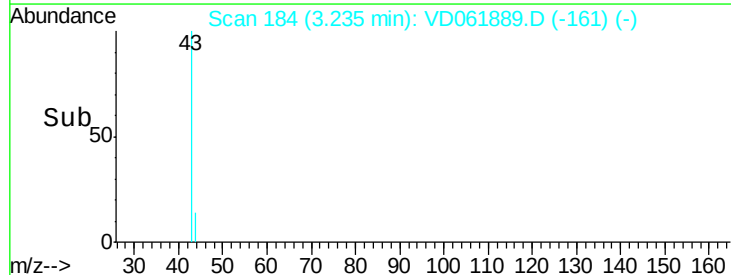
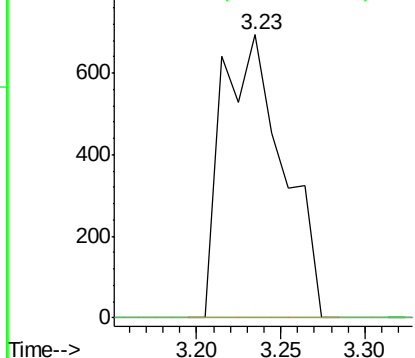


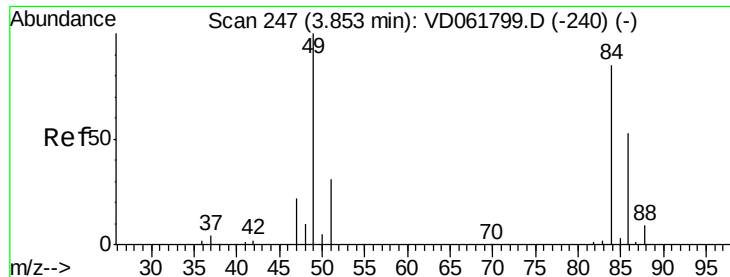
#16
Acetone
Concen: 1.580 ug/l
RT: 3.23 min Scan# 184
Delta R.T. 0.02 min
Lab File: VD061889.D
Acq: 19 Apr 2019 1:15

Tgt Ion: 43 Resp: 1749
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

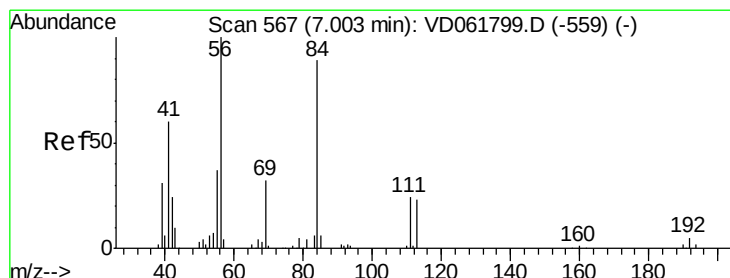
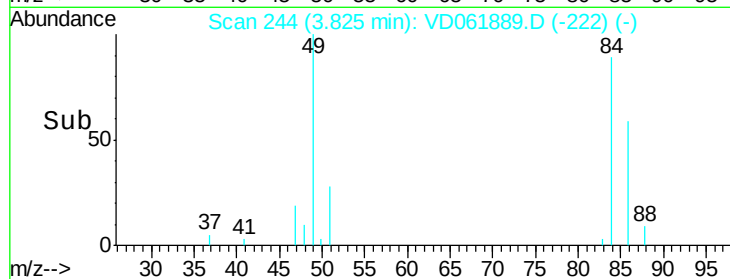
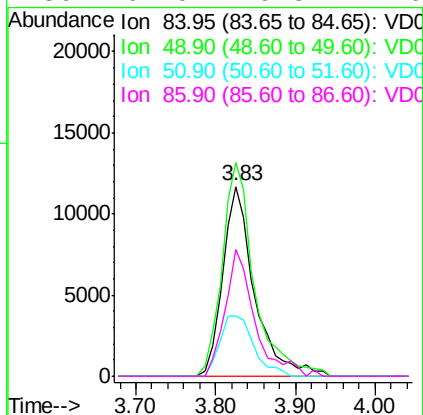
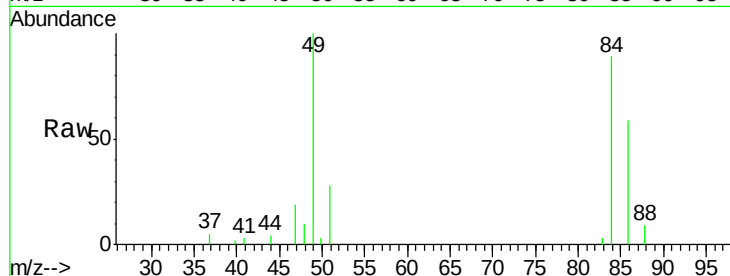




#20
Methylene Chloride
Concen: 1.460 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD061889.D
Acq: 19 Apr 2019 1:15

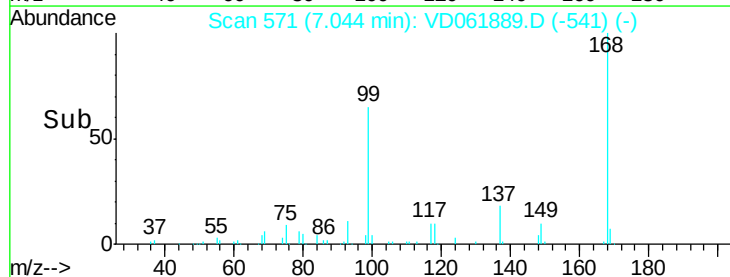
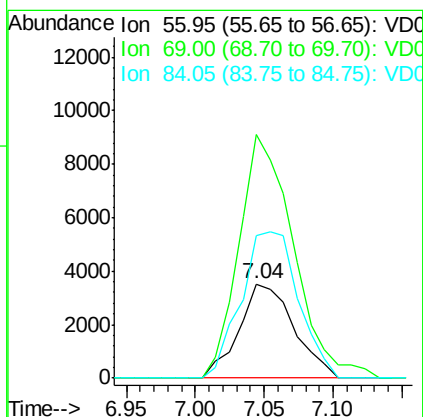
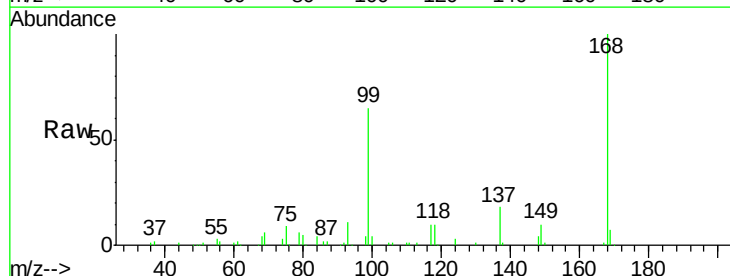
Instrument :
MSVOA_D
ClientSampleId :
VD0419

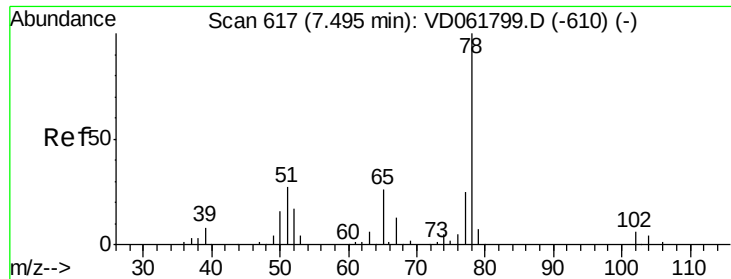
Tot Ion:	84	Resp:	32527
Ion	Ratio	Lower	Upper
84	100		
49	112.6	94.0	141.0
51	32.0	29.0	43.4
86	67.0	49.8	74.6



#31
Cyclohexane
Concen: 1.432 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.09 min
Lab File: VD061889.D
Acq: 19 Apr 2019 1:15

Tgt Ion:	56	Resp:	9737
Ion	Ratio	Lower	Upper
56	100		
69	259.2	25.8	38.6#
84	151.6	72.2	108.4#

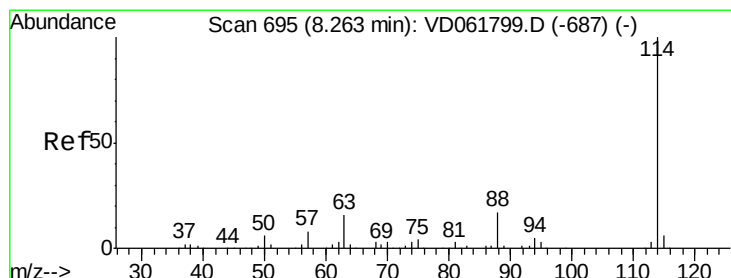
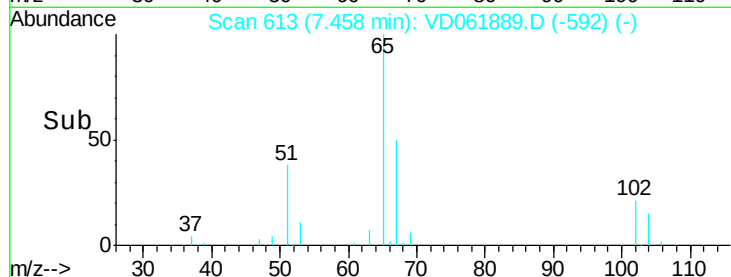
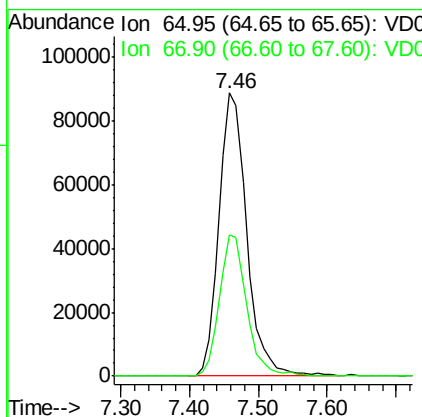
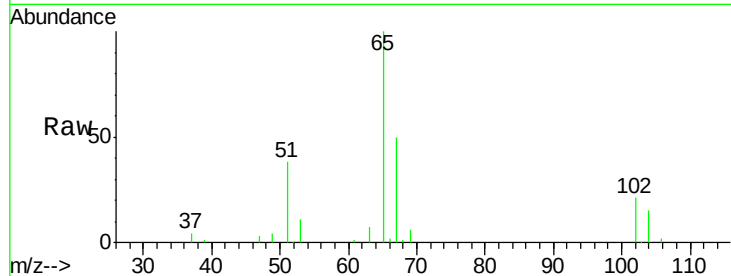




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VD061889.D
 Acq: 19 Apr 2019 1:15

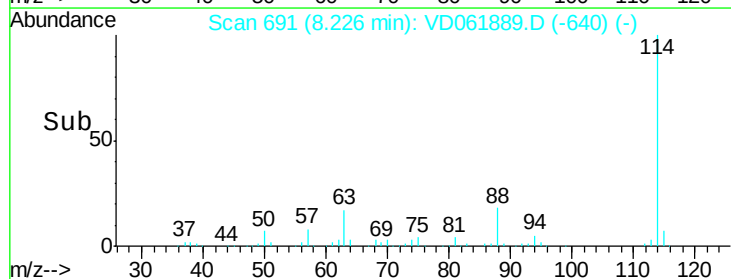
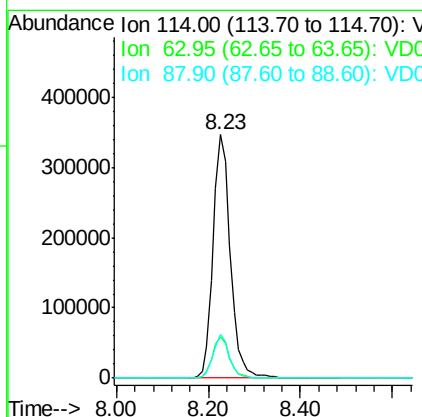
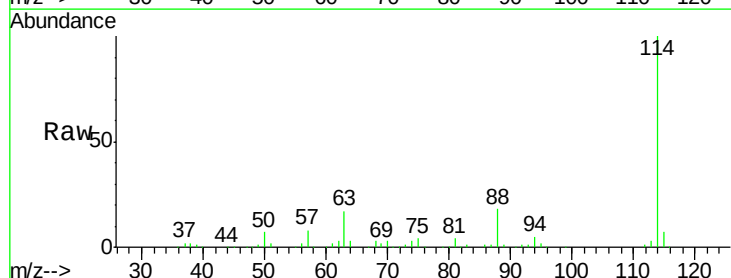
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0419

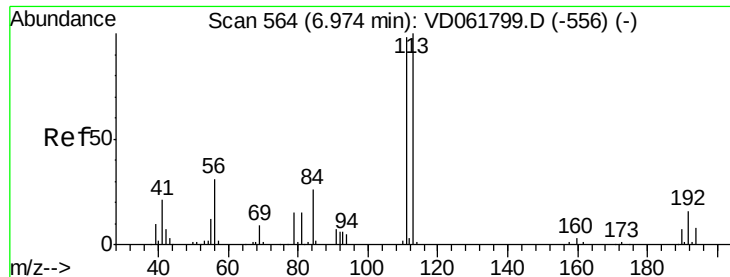
Tot Ion: 65 Resp: 248690
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: VD061889.D
 Acq: 19 Apr 2019 1:15

Tgt Ion: 114 Resp: 893210
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 32.4
 88 17.9 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: VD061889.D

Acq: 19 Apr 2019 1:15

Instrument :

MSVOA_D

ClientSampleId :

VD0419

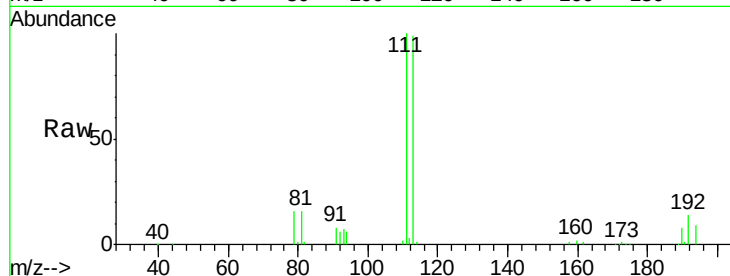
Tot Ion:113 Resp: 346252

Ion Ratio Lower Upper

113 100

111 100.6 78.5 117.7

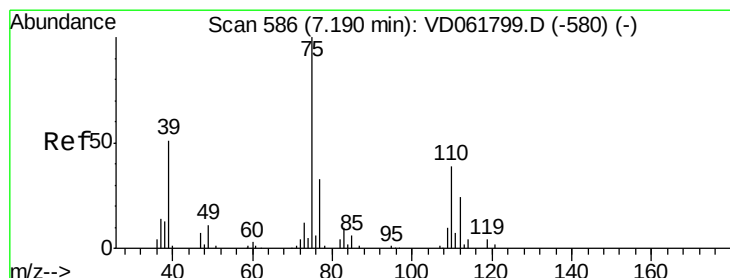
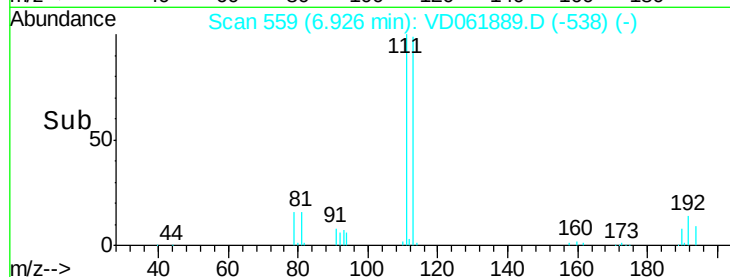
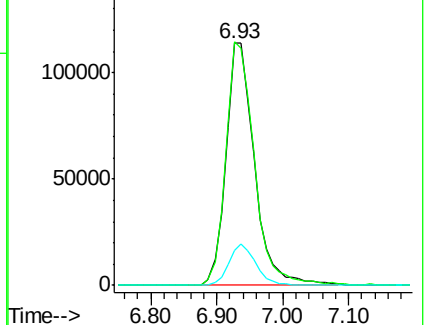
192 14.4 13.0 19.4



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: 5.466 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.10 min

Lab File: VD061889.D

Acq: 19 Apr 2019 1:15

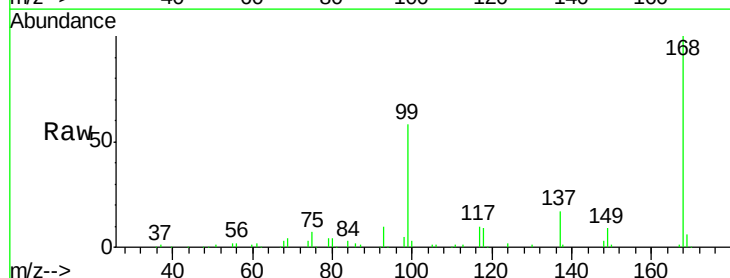
Tgt Ion: 75 Resp: 39894

Ion Ratio Lower Upper

75 100

110 5.8 19.1 57.1#

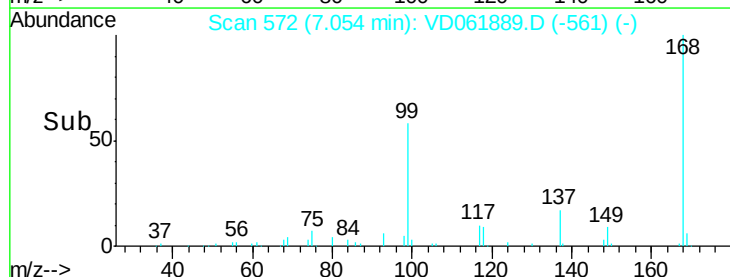
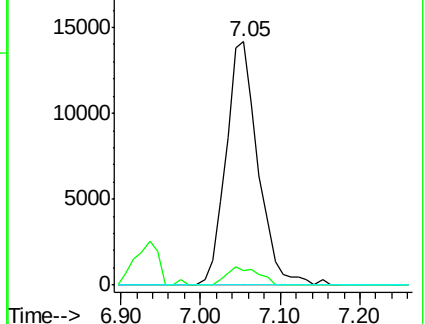
77 0.0 25.6 38.4#

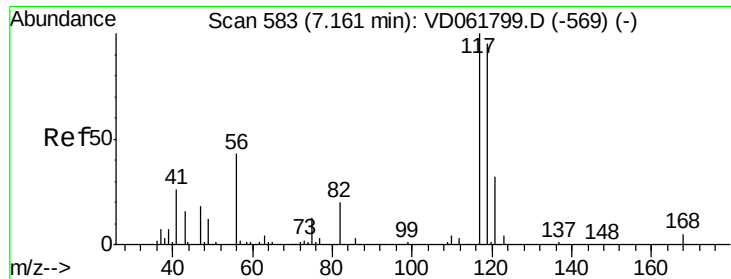


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#38

Carbon Tetrachloride

Concen: 5.689 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.06 min

Lab File: VD061889.D

Acq: 19 Apr 2019 1:15

Instrument :

MSVOA_D

ClientSampleId :

VD0419

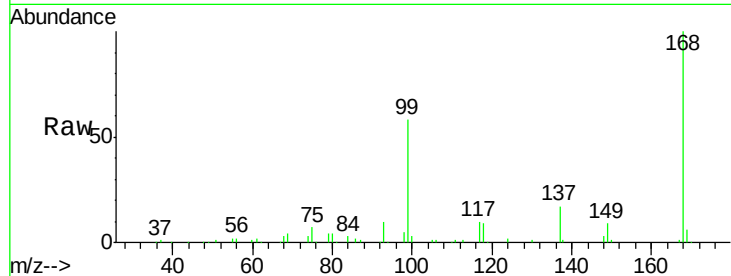
Tot Ion:117 Resp: 52434

Ion Ratio Lower Upper

117 100

119 3.9 75.8 113.8#

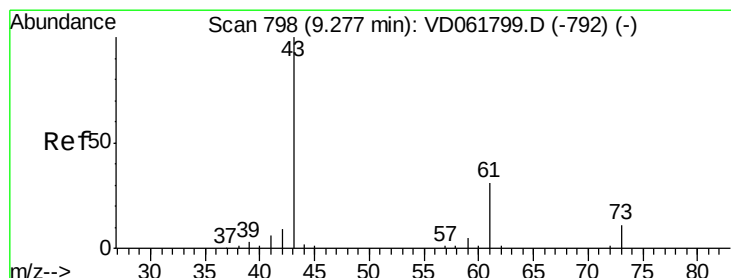
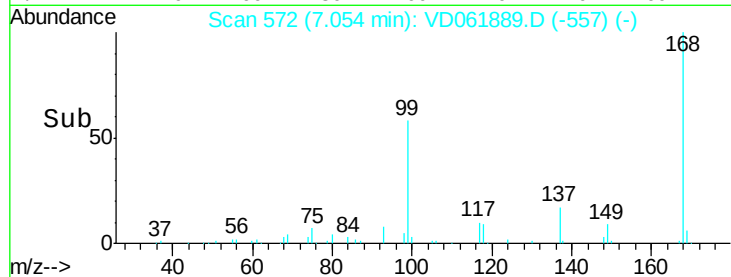
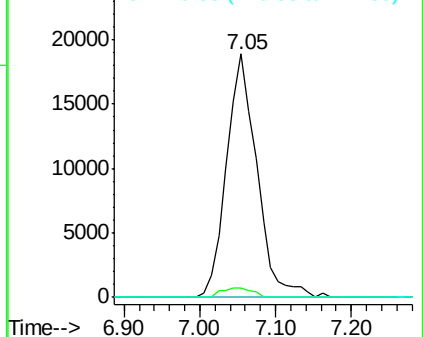
121 0.0 25.9 38.9#



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



#43

Isopropyl Acetate

Concen: 2.842 ug/l

RT: 9.55 min Scan# 826

Delta R.T. 0.32 min

Lab File: VD061889.D

Acq: 19 Apr 2019 1:15

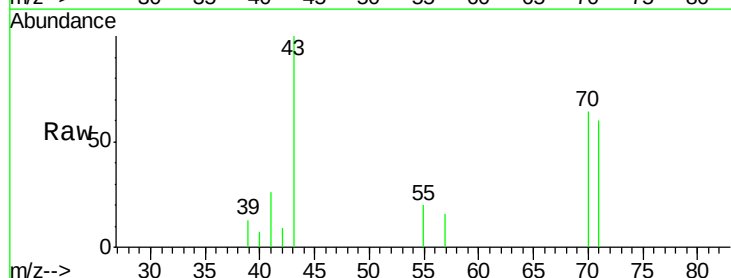
Tgt Ion: 43 Resp: 12493

Ion Ratio Lower Upper

43 100

61 0.0 25.1 37.7#

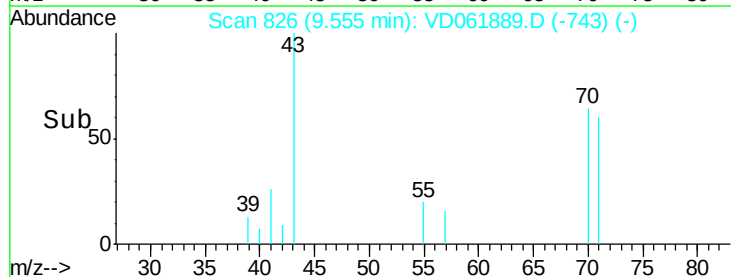
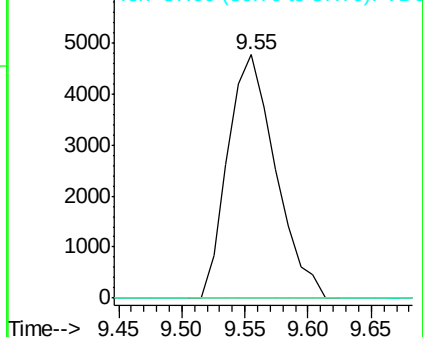
87 0.0 0.0 0.0

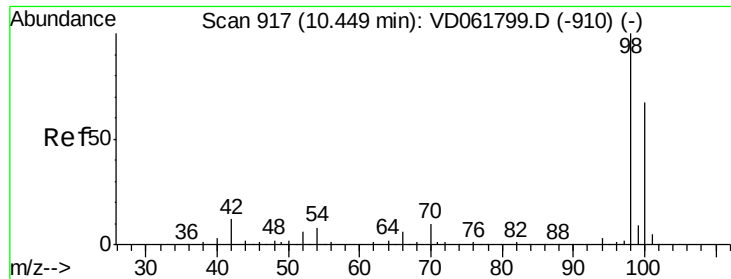


Abundance Ion 42.95 (42.65 to 43.65): V

Ion 60.95 (60.65 to 61.65): V

Ion 87.00 (86.70 to 87.70): V

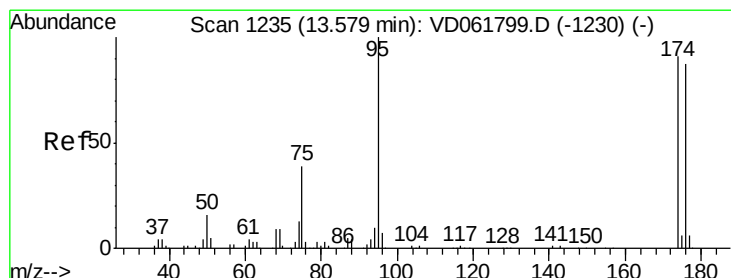
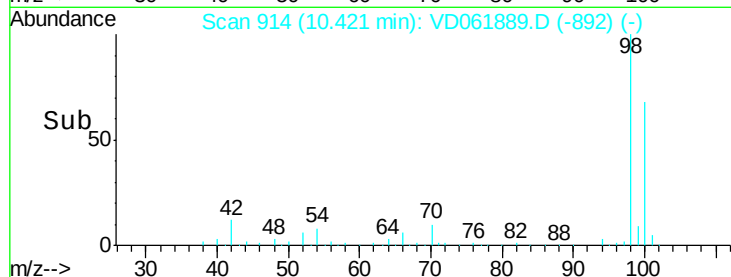
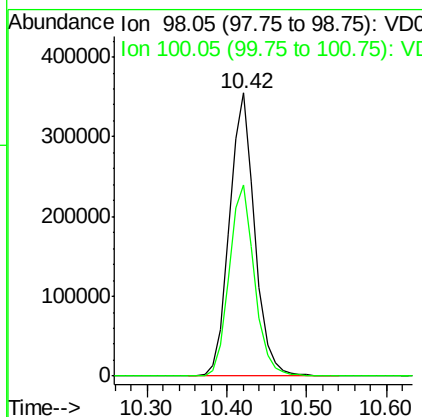
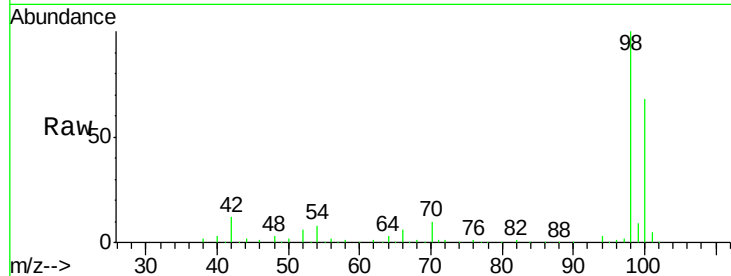




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD061889.D
Acq: 19 Apr 2019 1:15

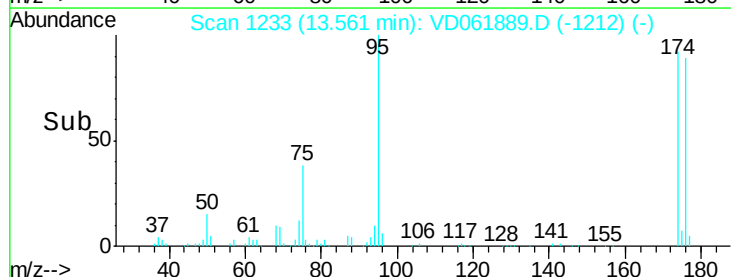
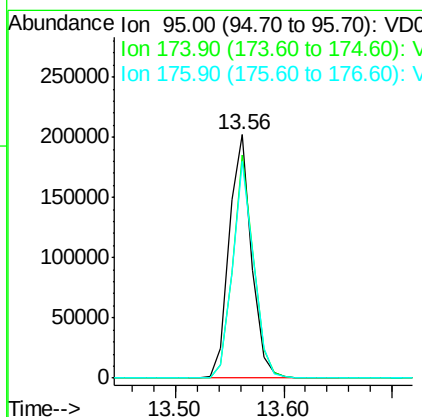
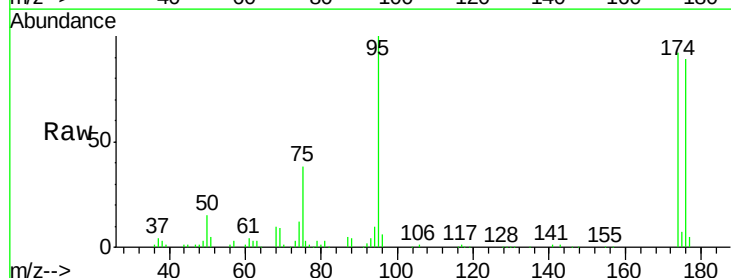
Instrument :
MSVOA_D
ClientSampleId :
VD0419

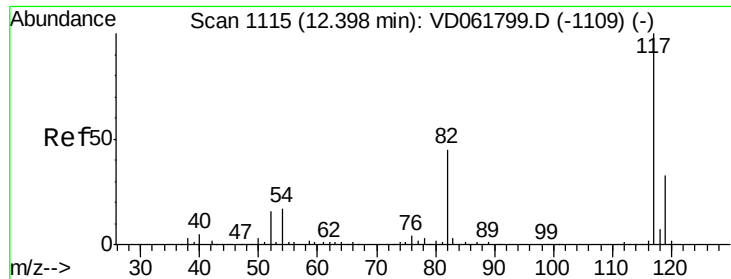
Tot Ion: 98 Resp: 788491
Ion Ratio Lower Upper
98 100
100 67.6 53.8 80.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD061889.D
Acq: 19 Apr 2019 1:15

Tgt Ion: 95 Resp: 289030
Ion Ratio Lower Upper
95 100
174 91.5 0.0 181.8
176 89.0 0.0 174.4

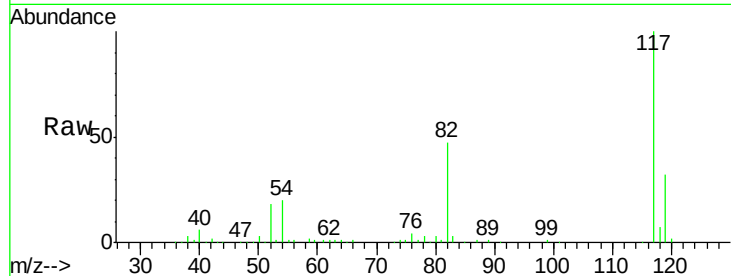




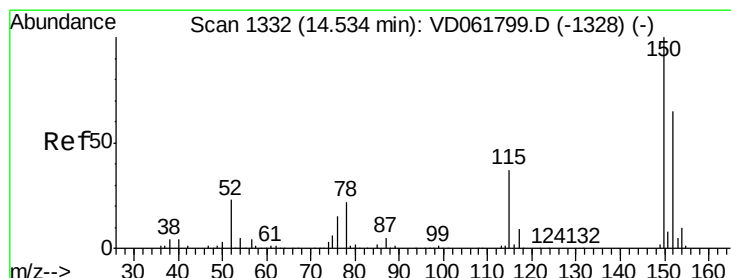
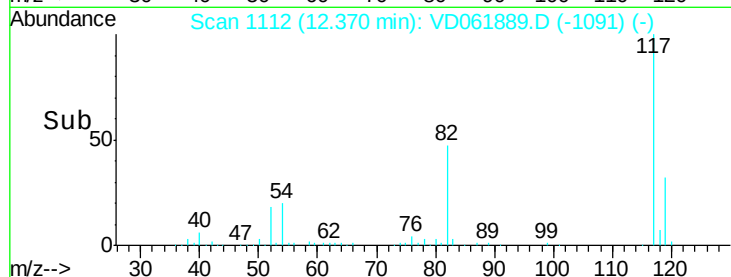
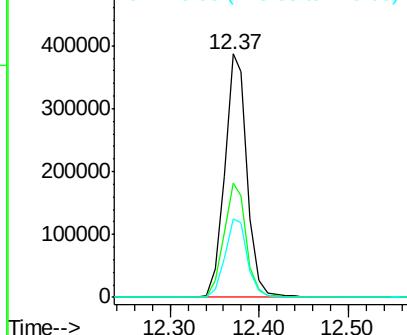
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD061889.D
Acq: 19 Apr 2019 1:15

Instrument :
MSVOA_D
ClientSampled :
VD0419

Tot Ion:117 Resp: 683230
Ion Ratio Lower Upper
117 100
82 46.8 36.2 54.2
119 32.1 26.2 39.4

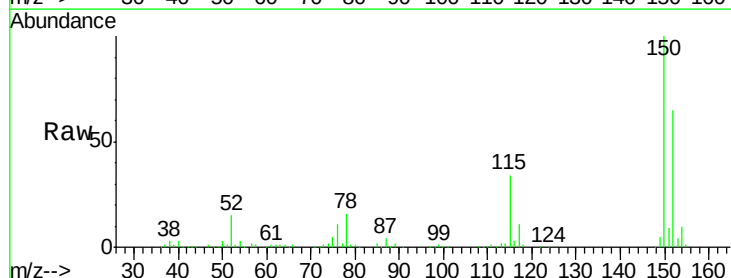


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

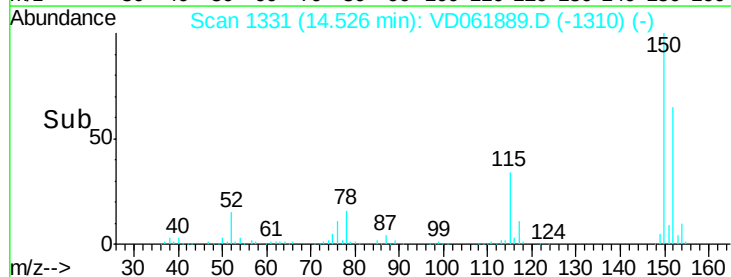
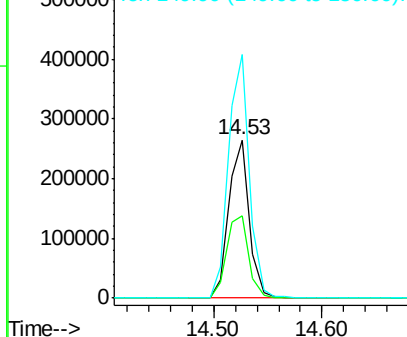


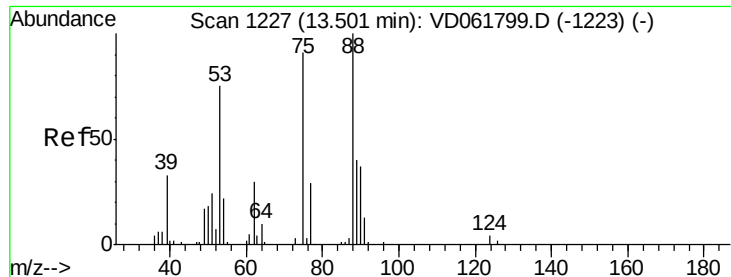
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD061889.D
Acq: 19 Apr 2019 1:15

Tgt Ion:152 Resp: 348819
Ion Ratio Lower Upper
152 100
115 52.2 30.9 92.7
150 153.7 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: 73.057 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD061889.D

Acq: 19 Apr 2019 1:15

Instrument :

MSVOA_D

ClientSampleId :

VD0419

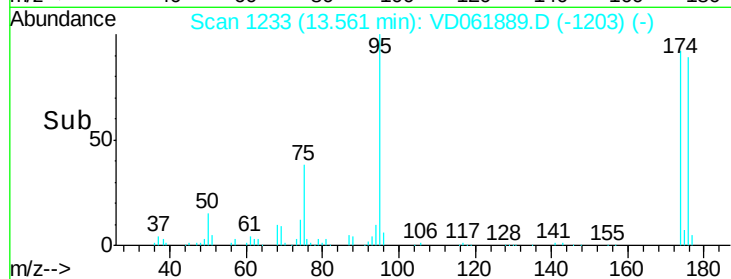
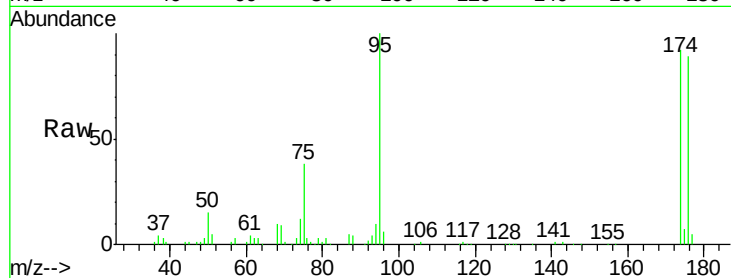
Tot Ion: 75 Resp: 110911

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

