

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041919\
 Data File : VD061905.D
 Acq On : 19 Apr 2019 12:40
 Operator : VA/AP
 Sample : VD0419SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0420VD0419SBL01

Quant Time: Apr 19 13:04:25 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	593795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	925070	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	796092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	378387	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	284587	57.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.38%	
35) Dibromofluoromethane	6.93	113	403538	57.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.48%	
50) Toluene-d8	10.41	98	960738	58.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.04%	
62) 4-Bromofluorobenzene	13.56	95	379642	56.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.12%	

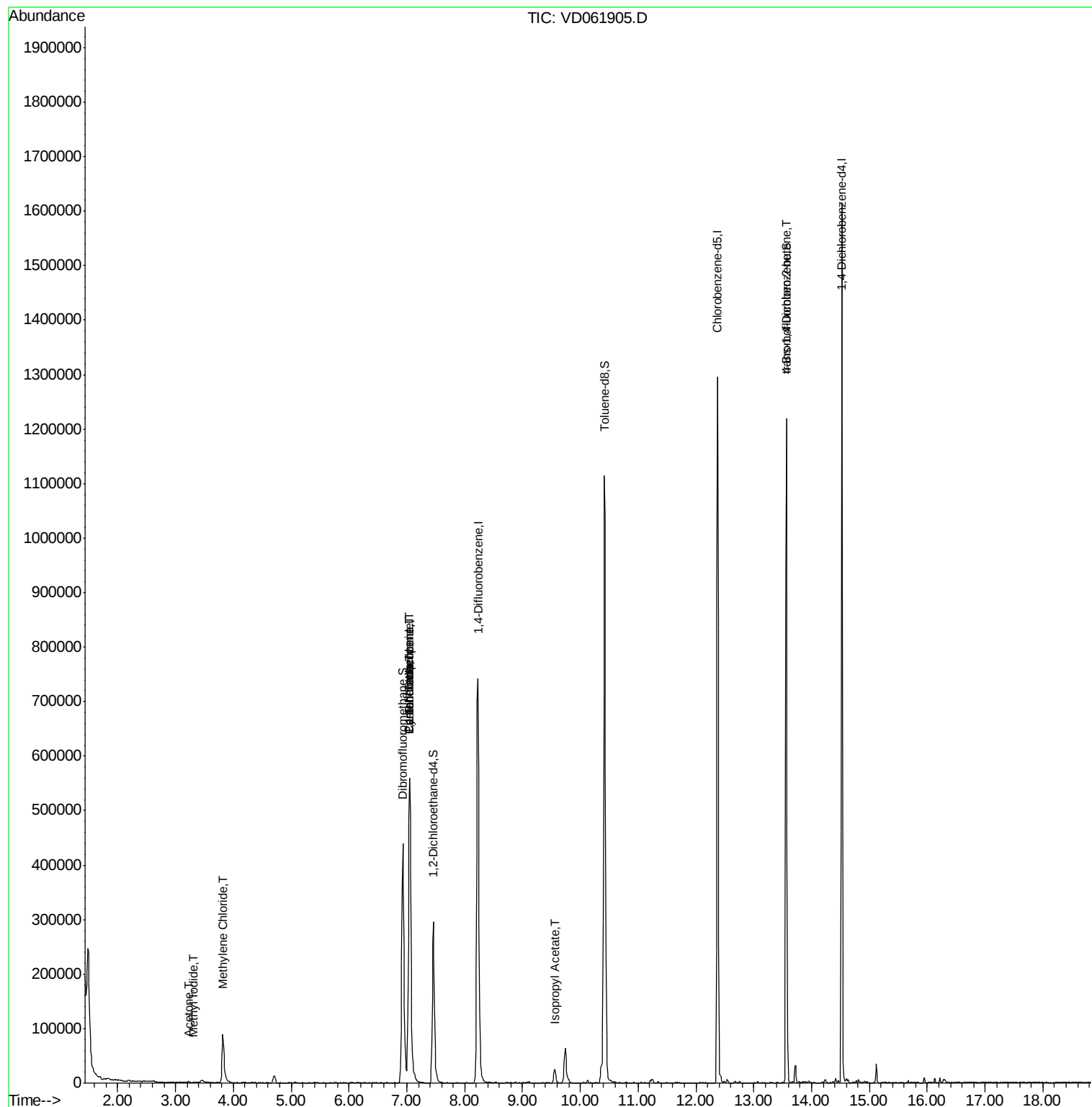
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.19	94	1843	Below Cal	#	12
10) Methyl Iodide	3.32	142	2516	3.736	ug/l #	84
16) Acetone	3.22	43	4014	3.273	ug/l	97
20) Methylene Chloride	3.82	84	64355	6.572	ug/l	96
31) Cyclohexane	7.05	56	10372	1.376	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	45382	6.003	ug/l #	45
38) Carbon Tetrachloride	7.05	117	57855	6.061	ug/l #	15
43) Isopropyl Acetate	9.55	43	19293	4.238	ug/l #	43
81) trans-1,4-Dichloro-2-buten	13.56	75	144251	86.932	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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Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0420VD0419SBL01

Quant Time: Apr 19 13:04:25 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# 571

Delta R.T. -0.00 min

Lab File: VD061905.D

Acq: 19 Apr 2019 12:40

Instrument :

MSVOA_D

ClientSampleId :

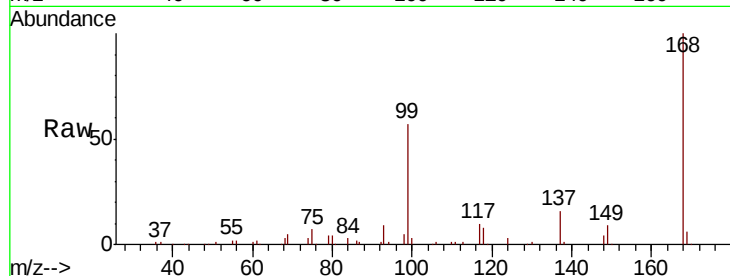
VD0420VD0419SBL01

Tgt Ion:168 Resp: 593795

Ion Ratio Lower Upper

168 100

99 57.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

200000

150000

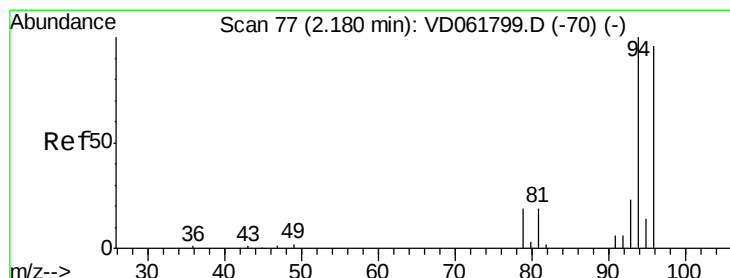
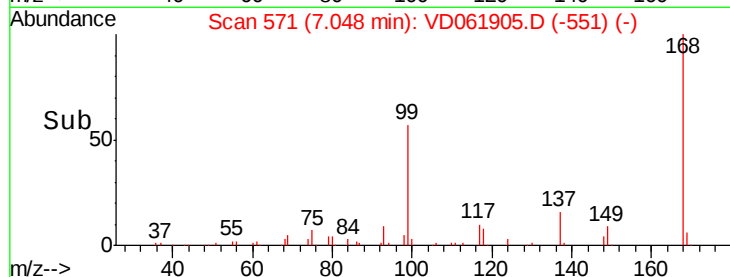
100000

50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.19 min Scan# 78

Delta R.T. 0.05 min

Lab File: VD061905.D

Acq: 19 Apr 2019 12:40

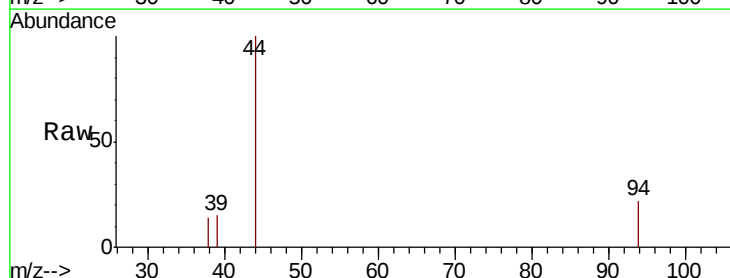
Tgt Ion: 94 Resp: 1843

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

2.19

800

600

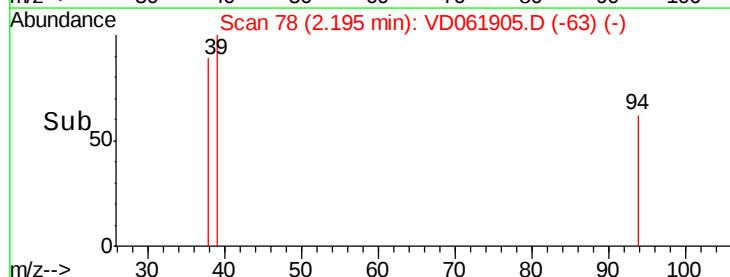
400

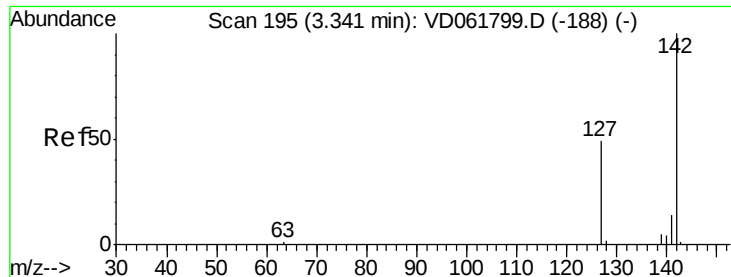
200

0

2.15 2.20

Time-->

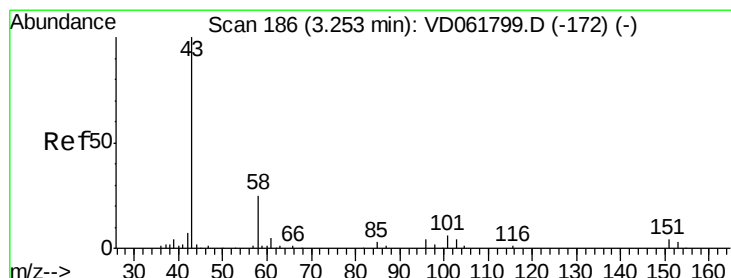
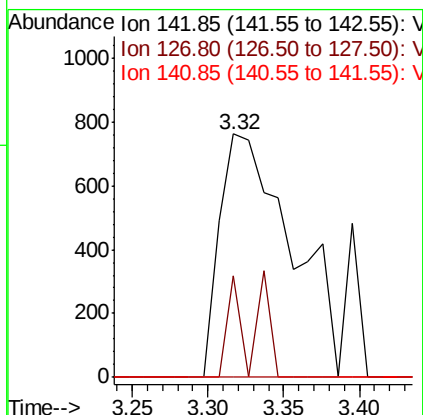
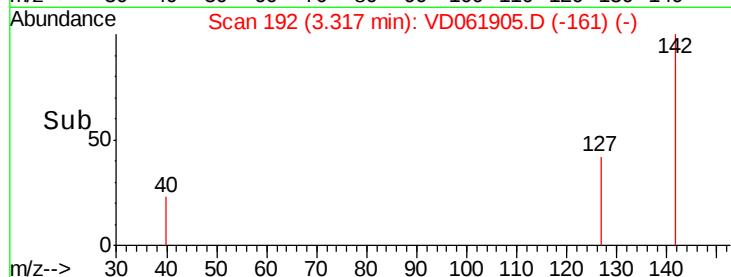
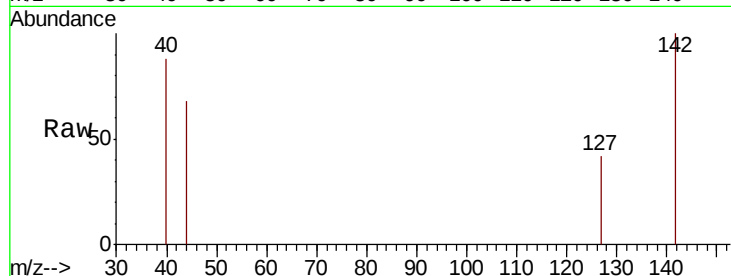




#10
Methyl Iodide
Concen: 3.736 ug/l
RT: 3.32 min Scan# 192
Delta R.T. 0.01 min
Lab File: VD061905.D
Acq: 19 Apr 2019 12:40

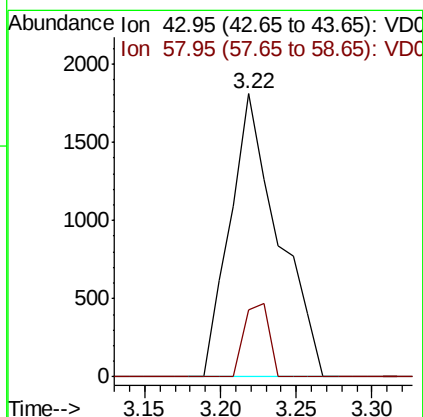
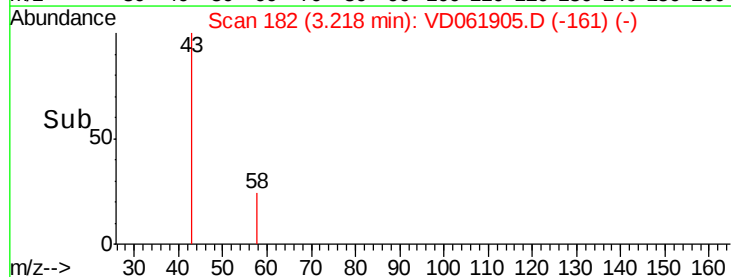
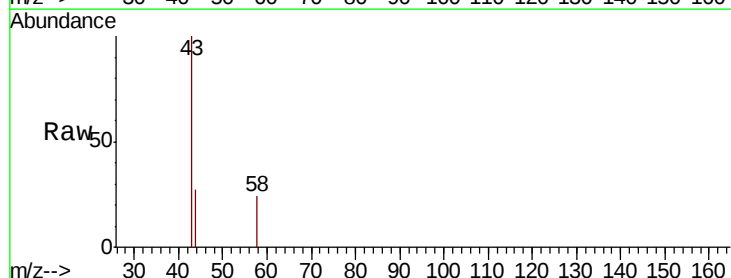
Instrument :
MSVOA_D
ClientSampleId :
VD0420VD0419SBL01

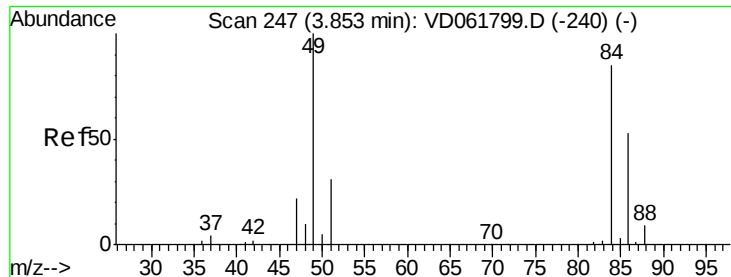
Tgt Ion: 142 Resp: 2516
Ion Ratio Lower Upper
142 100
127 41.5 38.8 58.2
141 0.0 11.4 17.0#



#16
Acetone
Concen: 3.273 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.01 min
Lab File: VD061905.D
Acq: 19 Apr 2019 12:40

Tgt Ion: 43 Resp: 4014
Ion Ratio Lower Upper
43 100
58 23.6 19.9 29.9

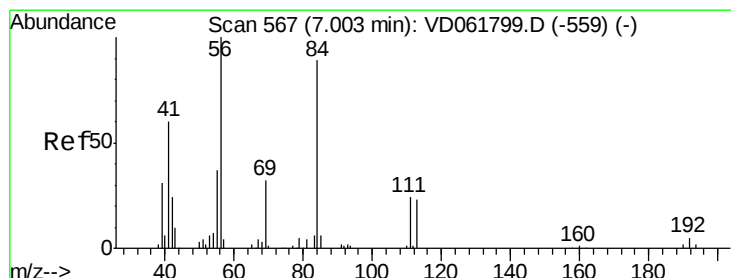
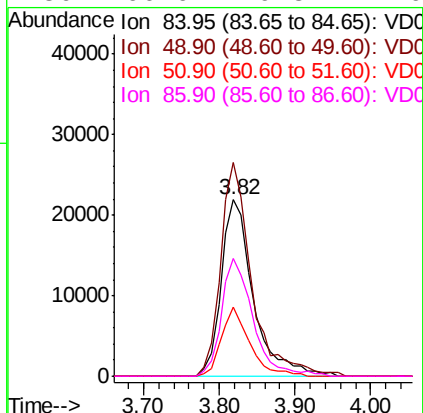
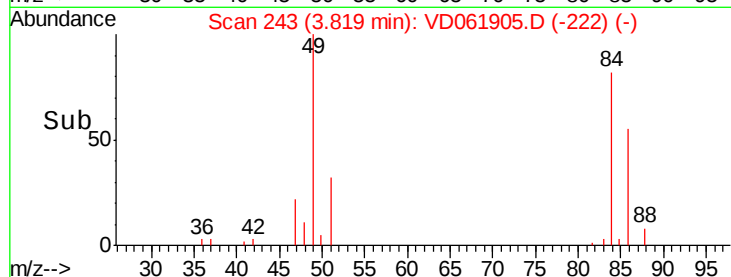
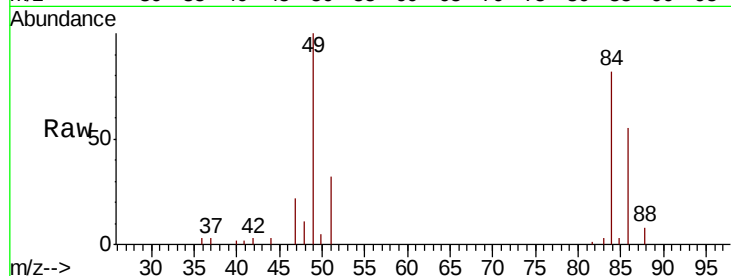




#20
Methylene Chloride
Concen: 6.572 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061905.D
Acq: 19 Apr 2019 12:40

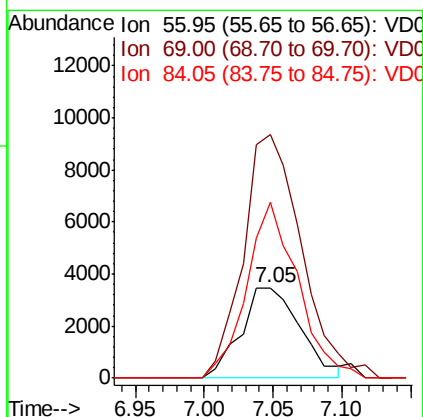
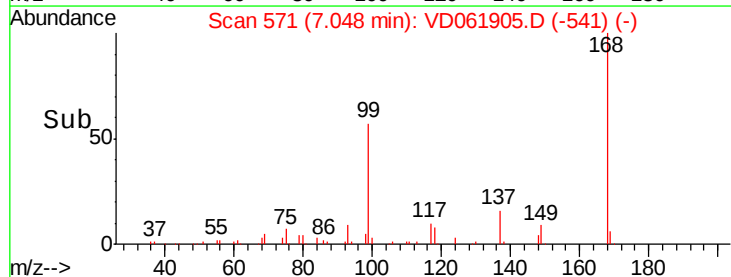
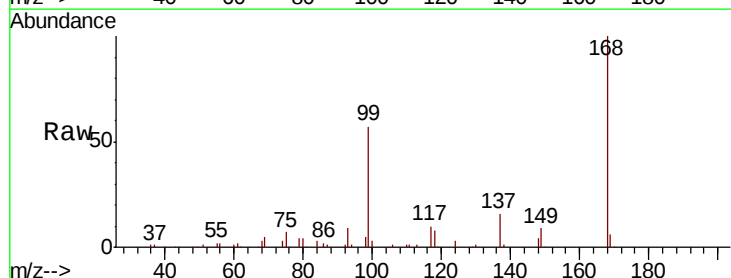
Instrument :
MSVOA_D
ClientSampleId :
VD0420VD0419SBL01

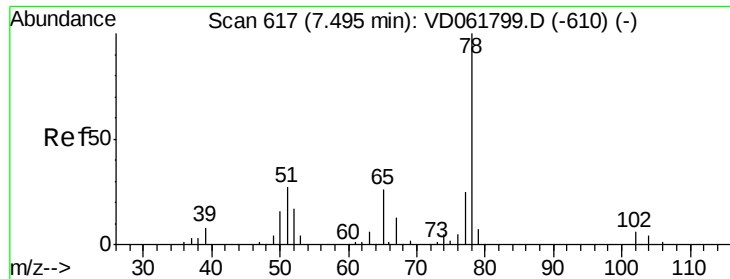
Tgt Ion: 84 Resp: 64355
Ion Ratio Lower Upper
84 100
49 121.3 94.0 141.0
51 39.4 29.0 43.4
86 66.6 49.8 74.6



#31
Cyclohexane
Concen: 1.376 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.09 min
Lab File: VD061905.D
Acq: 19 Apr 2019 12:40

Tgt Ion: 56 Resp: 10372
Ion Ratio Lower Upper
56 100
69 270.0 25.8 38.6#
84 194.6 72.2 108.4#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061905.D

Acq: 19 Apr 2019 12:40

Instrument :

MSVOA_D

ClientSampleId :

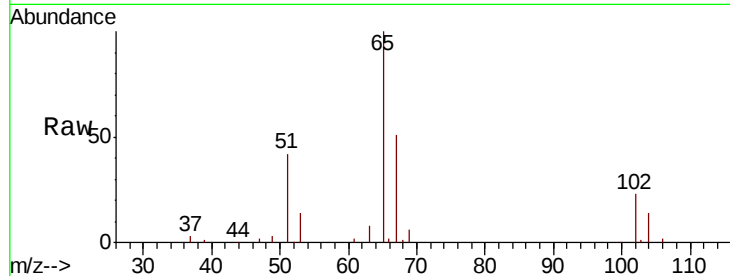
VD0420VD0419SBL01

Tgt Ion: 65 Resp: 284587

Ion Ratio Lower Upper

65 100

67 51.0 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

120000

100000

80000

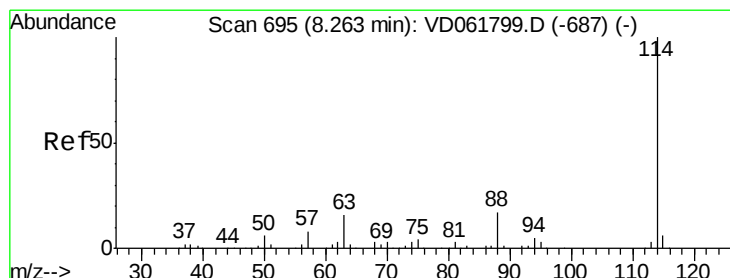
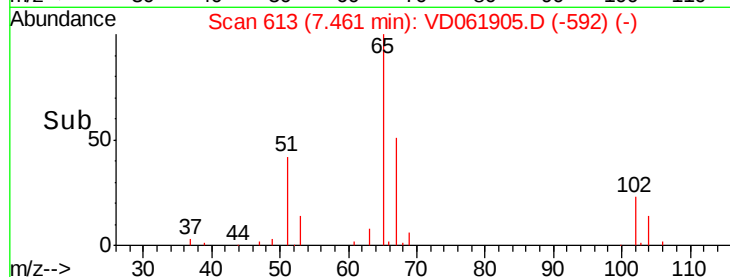
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD061905.D

Acq: 19 Apr 2019 12:40

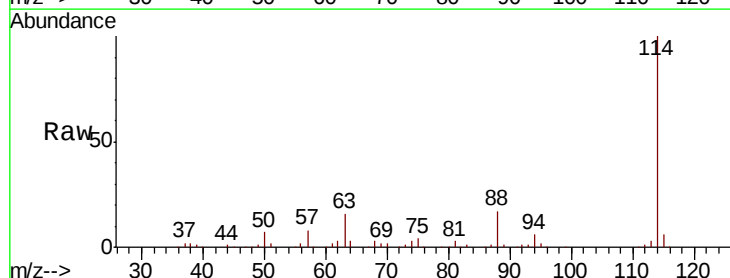
Tgt Ion: 114 Resp: 925070

Ion Ratio Lower Upper

114 100

63 15.7 0.0 32.4

88 17.4 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.23

400000

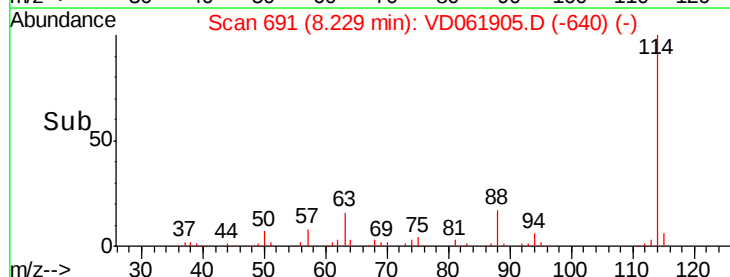
300000

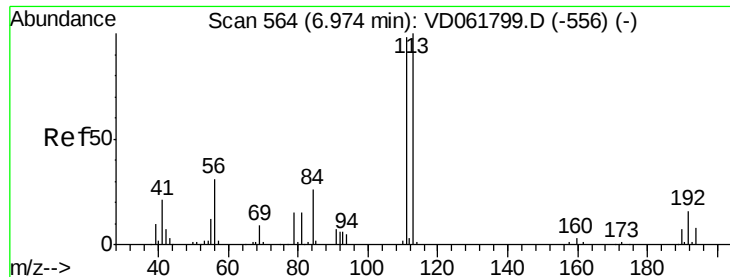
200000

100000

0

Time--> 8.10 8.20 8.30 8.40

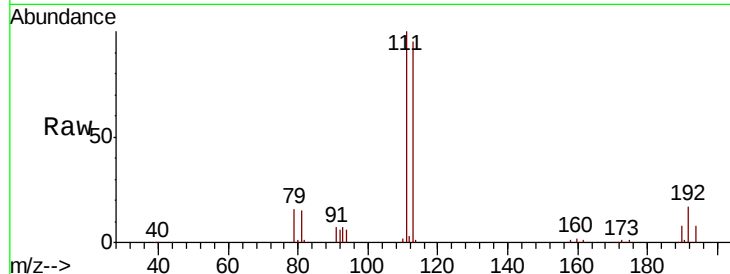




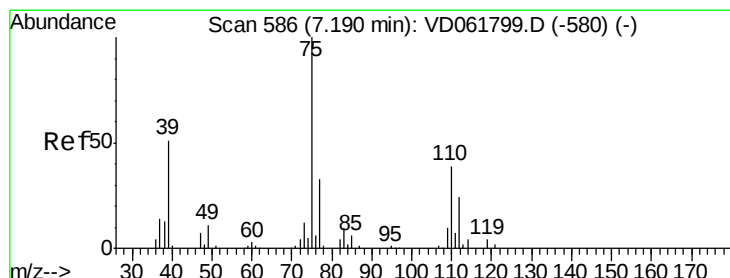
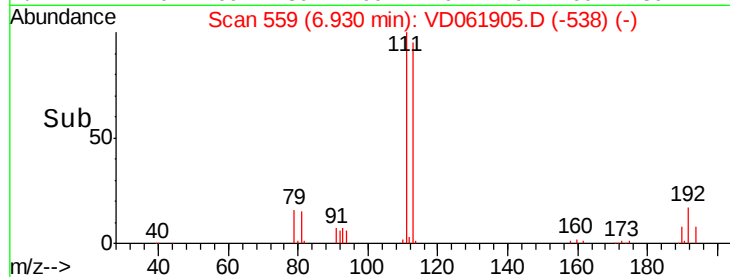
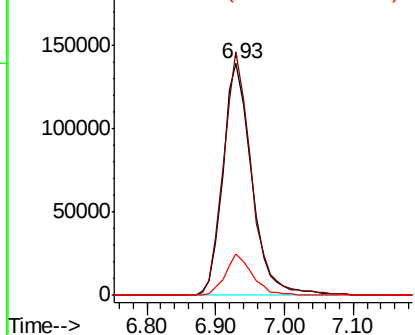
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VD061905.D
 Acq: 19 Apr 2019 12:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0420VD0419SBL01

Tgt Ion: 113 Resp: 403538
 Ion Ratio Lower Upper
 113 100
 111 104.9 78.5 117.7
 192 17.9 13.0 19.4

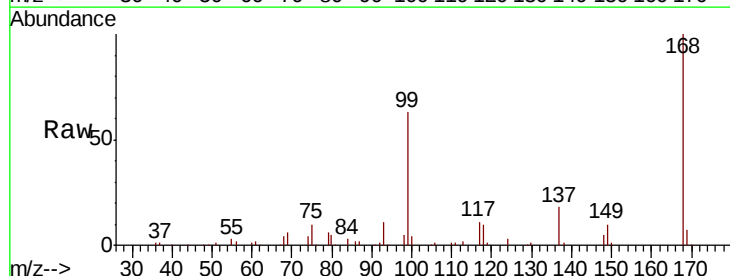


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

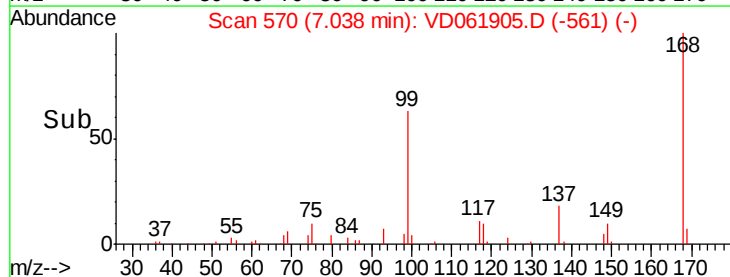
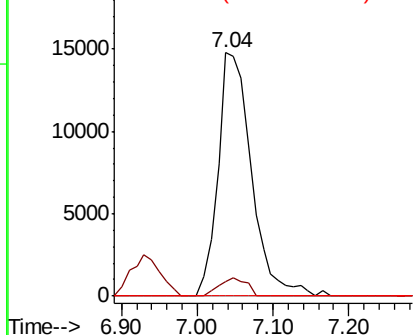


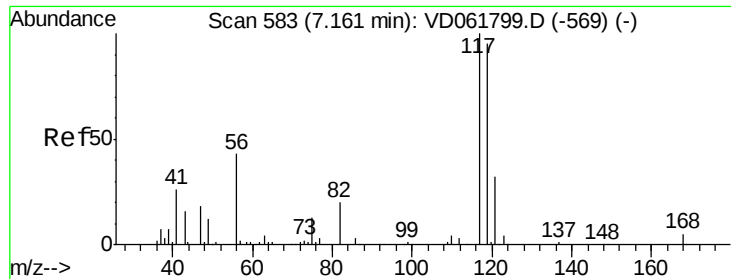
#36
 1,1-Dichloropropene
 Concen: 6.003 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.11 min
 Lab File: VD061905.D
 Acq: 19 Apr 2019 12:40

Tgt Ion: 75 Resp: 45382
 Ion Ratio Lower Upper
 75 100
 110 6.0 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: 6.061 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.06 min

Lab File: VD061905.D

Acq: 19 Apr 2019 12:40

Instrument :

MSVOA_D

ClientSampleId :

VD0420VD0419SBL01

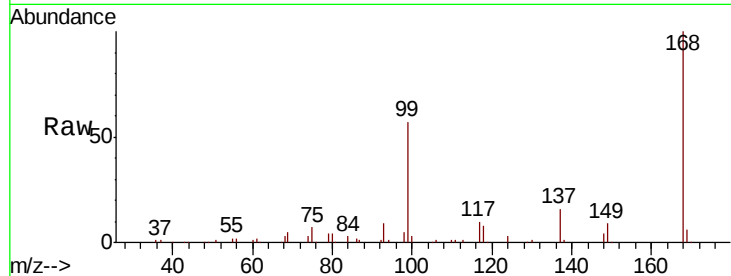
Tgt Ion: 117 Resp: 57855

Ion Ratio Lower Upper

117 100

119 3.6 75.8 113.8#

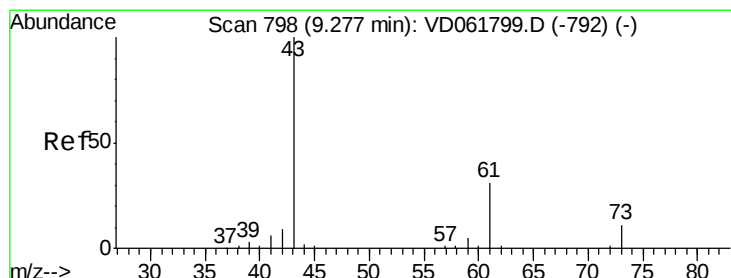
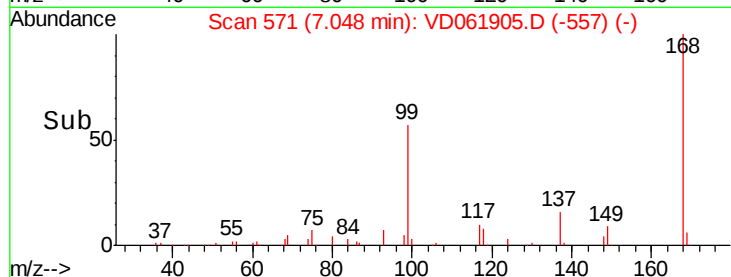
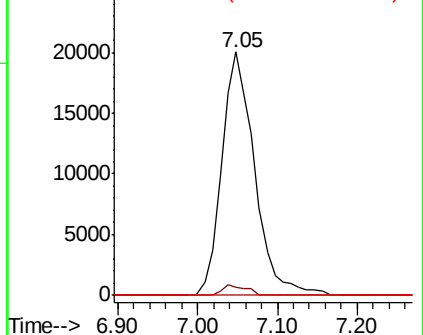
121 0.0 25.9 38.9#



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



#43

Isopropyl Acetate

Concen: 4.238 ug/l

RT: 9.55 min Scan# 825

Delta R.T. 0.31 min

Lab File: VD061905.D

Acq: 19 Apr 2019 12:40

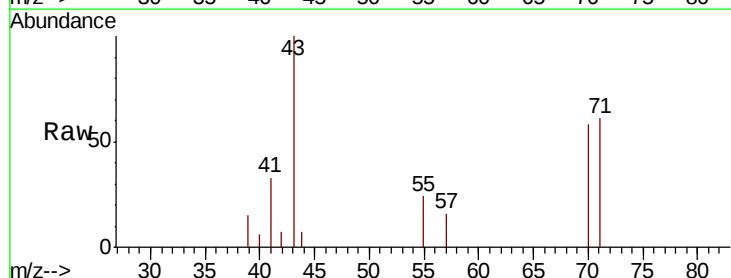
Tgt Ion: 43 Resp: 19293

Ion Ratio Lower Upper

43 100

61 0.0 25.1 37.7#

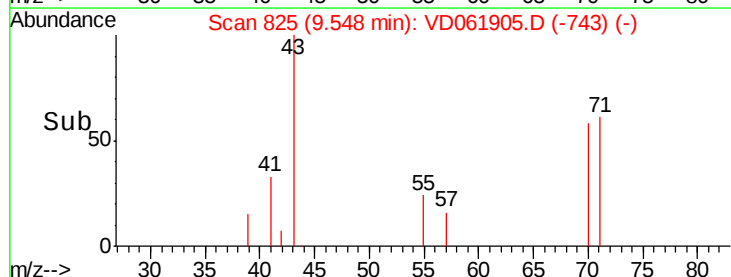
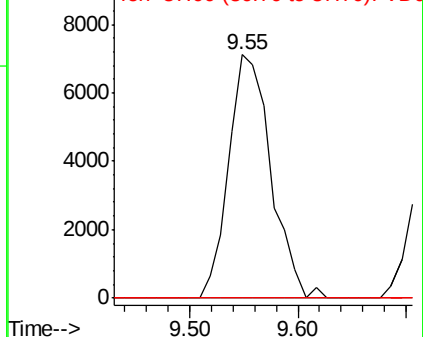
87 0.0 0.0 0.0

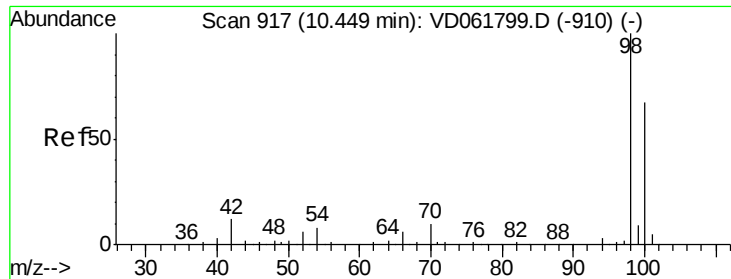


Abundance Ion 42.95 (42.65 to 43.65): V

Ion 60.95 (60.65 to 61.65): V

Ion 87.00 (86.70 to 87.70): V

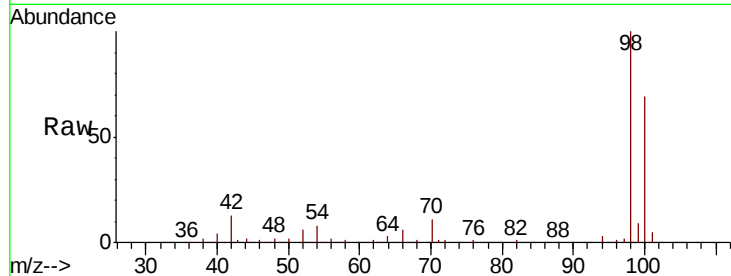




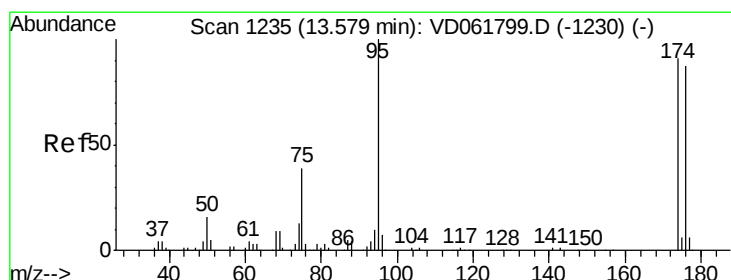
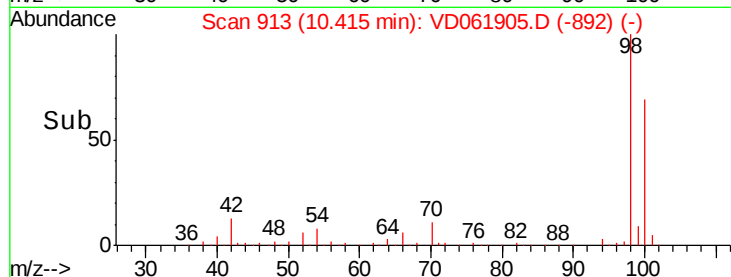
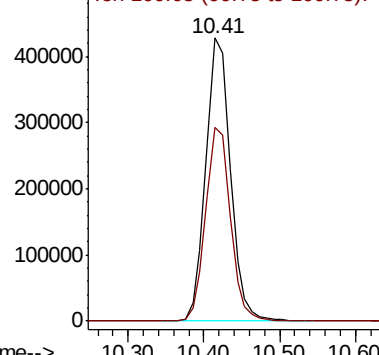
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD061905.D
Acq: 19 Apr 2019 12:40

Instrument :
MSVOA_D
ClientSampleId :
VD0420VD0419SBL01

Tgt Ion: 98 Resp: 960738
Ion Ratio Lower Upper
98 100
100 68.6 53.8 80.8

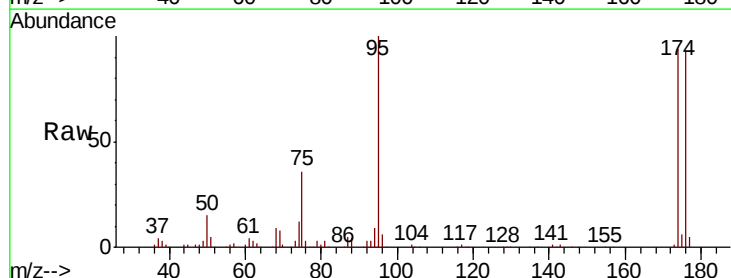


Abundance Ion 98.05 (97.75 to 98.75): VD061799.D (-910) (-)
Ion 100.05 (99.75 to 100.75): VD061799.D (-910) (-)

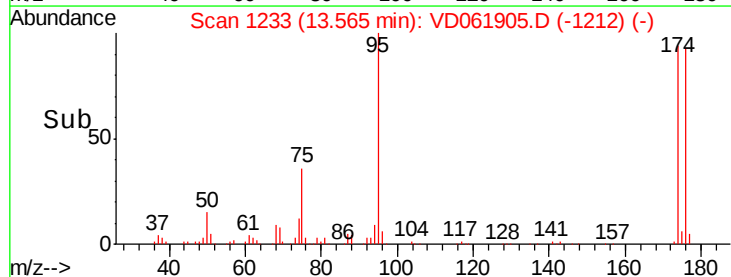
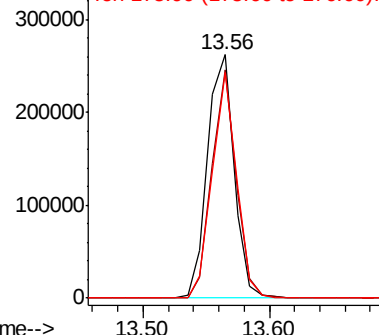


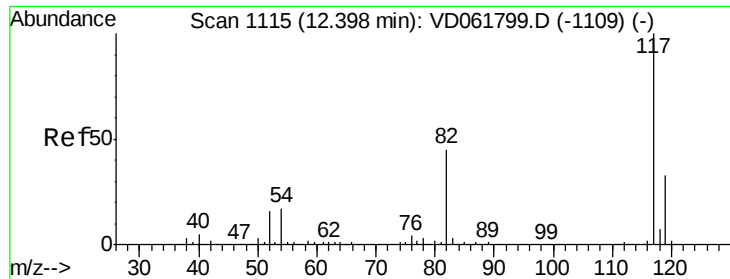
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061905.D
Acq: 19 Apr 2019 12:40

Tgt Ion: 95 Resp: 379642
Ion Ratio Lower Upper
95 100
174 94.0 0.0 181.8
176 92.8 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061799.D (-1230) (-)
Ion 173.90 (173.60 to 174.60): VD061799.D (-1230) (-)
Ion 175.90 (175.60 to 176.60): VD061799.D (-1230) (-)

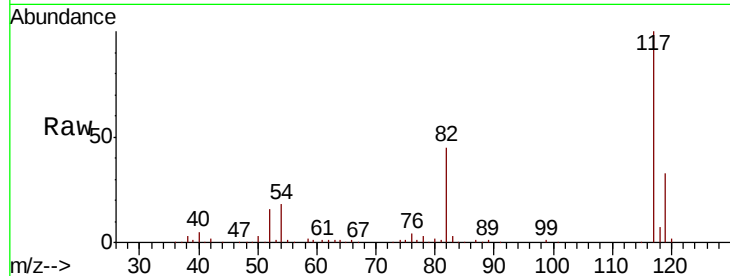




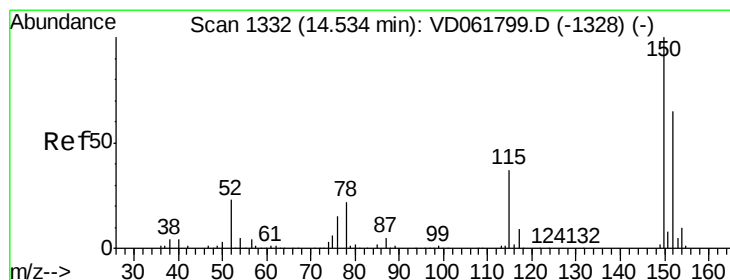
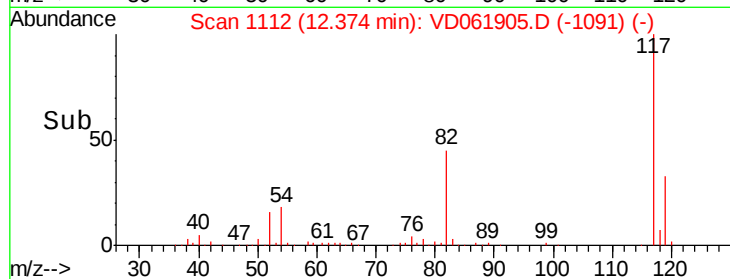
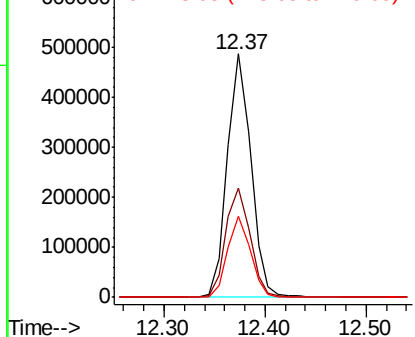
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061905.D
Acq: 19 Apr 2019 12:40

Instrument :
MSVOA_D
ClientSampleId :
VD0420VD0419SBL01

Tgt Ion:117 Resp: 796092
Ion Ratio Lower Upper
117 100
82 44.7 36.2 54.2
119 33.4 26.2 39.4

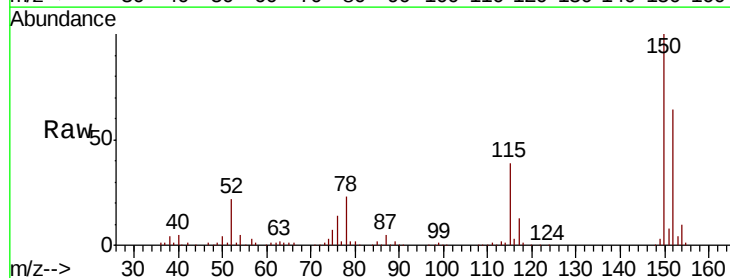


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

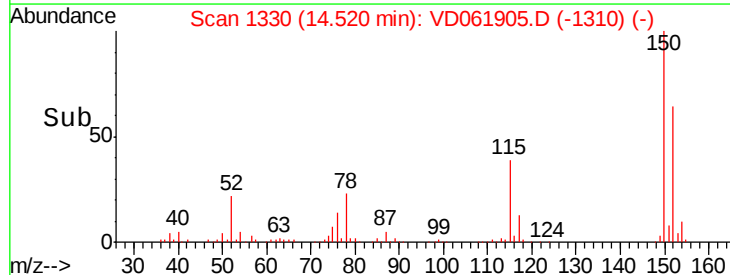
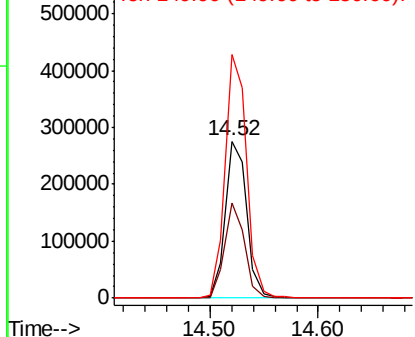


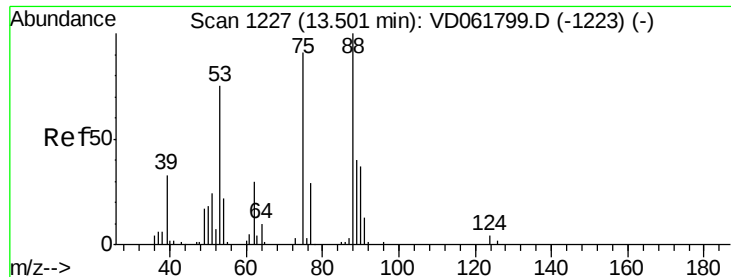
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061905.D
Acq: 19 Apr 2019 12:40

Tgt Ion:152 Resp: 378387
Ion Ratio Lower Upper
152 100
115 60.9 30.9 92.7
150 155.5 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: 86.932 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD061905.D

Acq: 19 Apr 2019 12:40

Instrument :

MSVOA_D

ClientSampleId :

VD0420VD0419SBL01

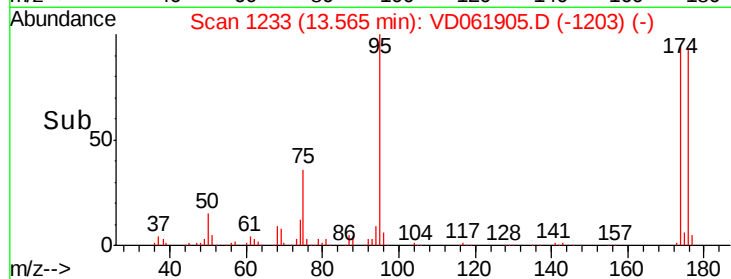
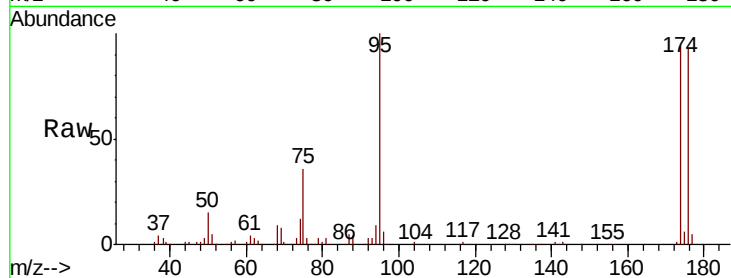
Tgt Ion: 75 Resp: 144251

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

