

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
 Data File : VD061219.D
 Acq On : 20 Mar 2019 20:21
 Operator : VA/AP
 Sample : K2004-06
 Misc : 2.55g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-24(12-13)

Quant Time: Mar 22 03:26:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	551386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	879426	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	578529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	154591	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	217111	47.30	ug/l	0.00
Spiked Amount			Recovery	=	94.60%	
35) Dibromofluoromethane	6.92	113	346839	53.14	ug/l	0.00
Spiked Amount			Recovery	=	106.28%	
50) Toluene-d8	10.40	98	760968	46.43	ug/l	0.00
Spiked Amount			Recovery	=	92.86%	
62) 4-Bromofluorobenzene	13.55	95	185622	29.19	ug/l	0.00
Spiked Amount			Recovery	=	58.38%	

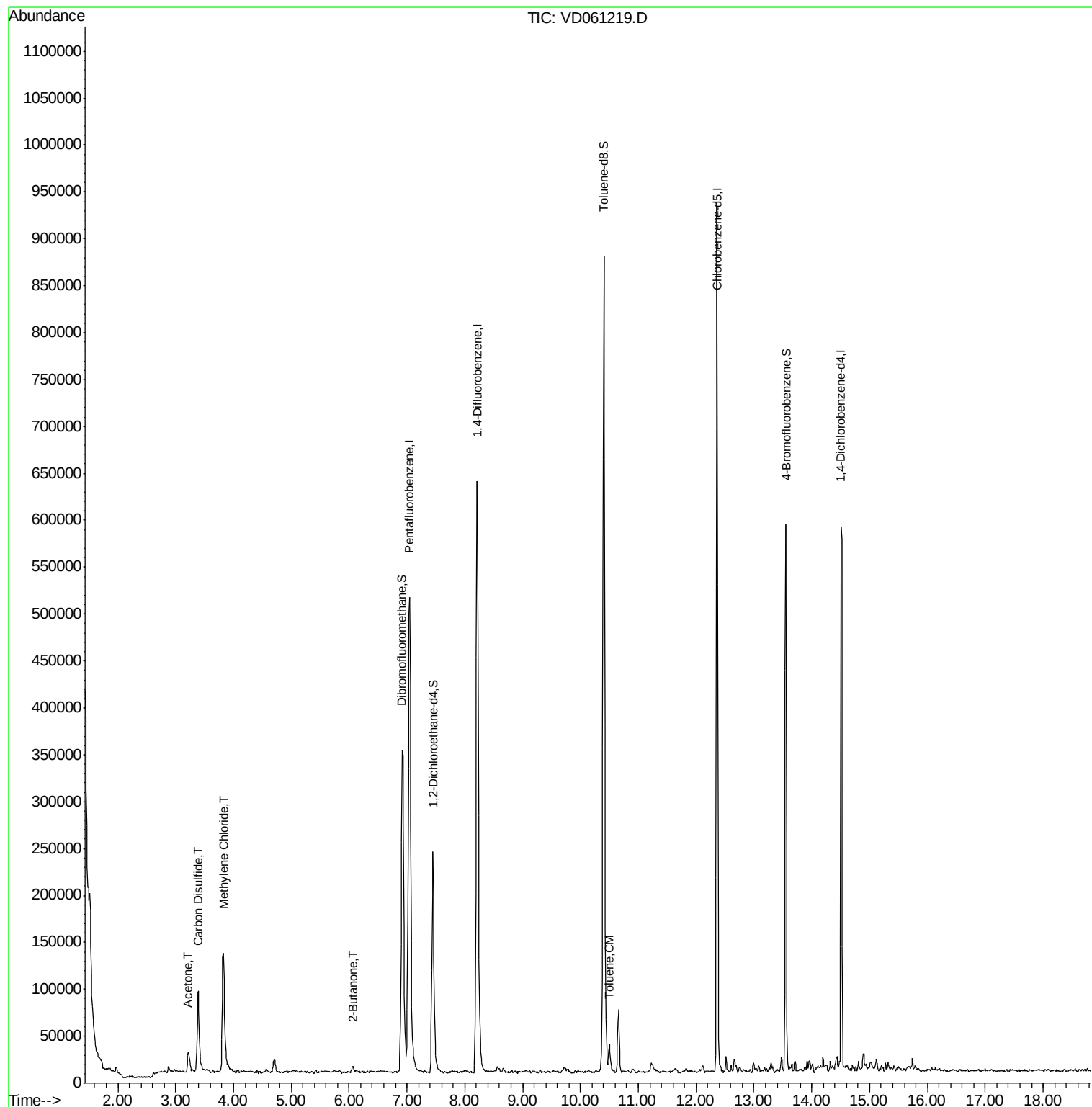
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.22	43	47592	36.262	ug/l	97
17) Carbon Disulfide	3.39	76	186447	9.986	ug/l	99
20) Methylene Chloride	3.82	84	99931	13.273	ug/l	91
25) 2-Butanone	6.06	43	13748	9.231	ug/l	92
52) Toluene	10.50	92	16159	1.372	ug/l	98

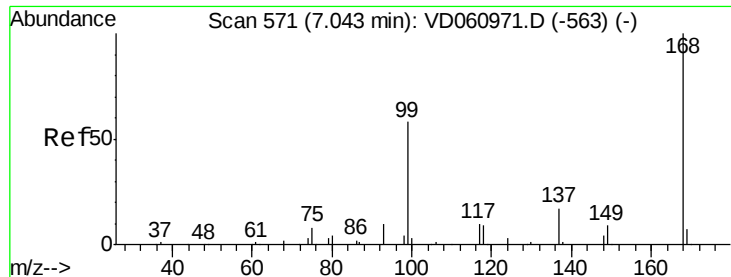
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032019\
Data File : VD061219.D
Acq On : 20 Mar 2019 20:21
Operator : VA/AP
Sample : K2004-06
Misc : 2.55g/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-24(12-13)

Quant Time: Mar 22 03:26:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 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: VD061219.D

Acq: 20 Mar 2019 20:21

Instrument :

MSVOA_D

ClientSampleId :

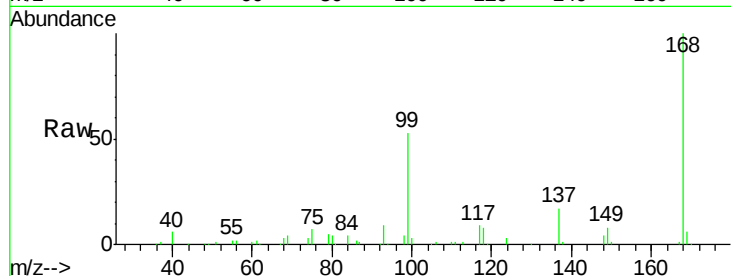
SB-24(12-13)

Tot Ion:168 Resp: 551386

Ion Ratio Lower Upper

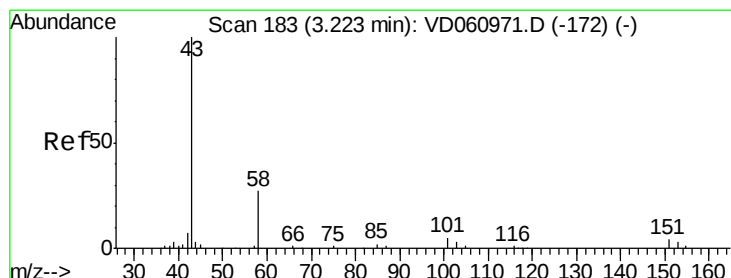
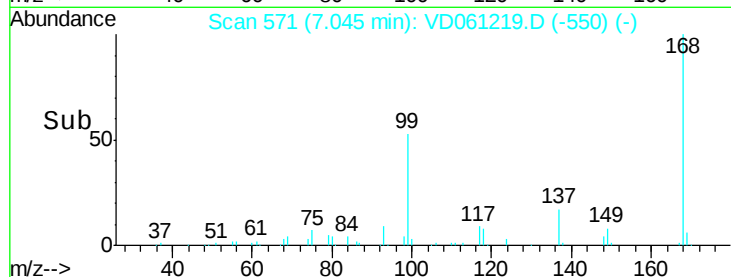
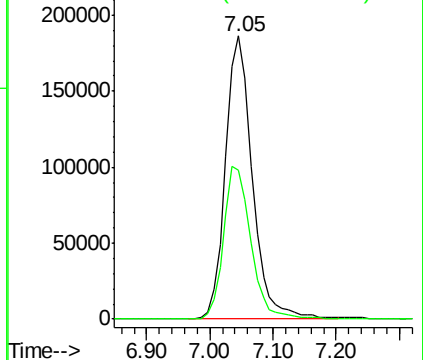
168 100

99 52.8 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 36.262 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061219.D

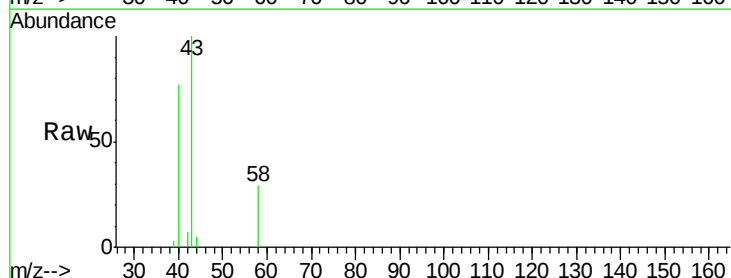
Acq: 20 Mar 2019 20:21

Tgt Ion: 43 Resp: 47592

Ion Ratio Lower Upper

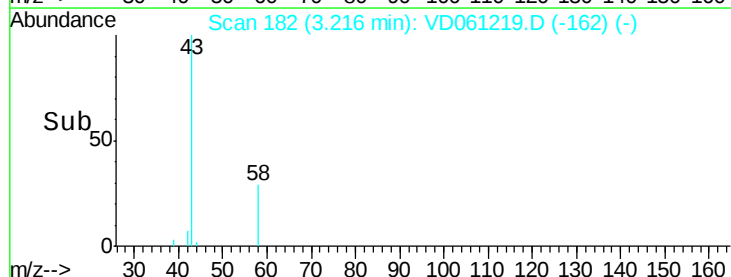
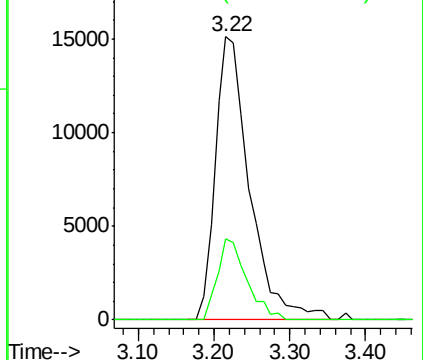
43 100

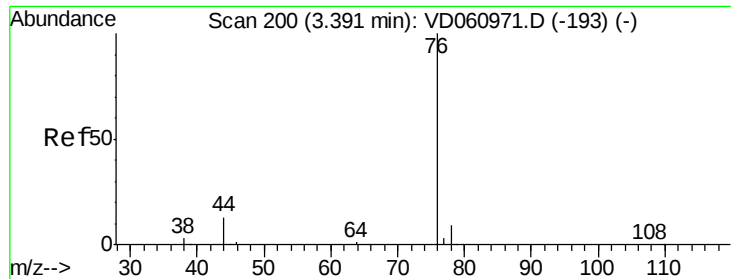
58 28.7 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

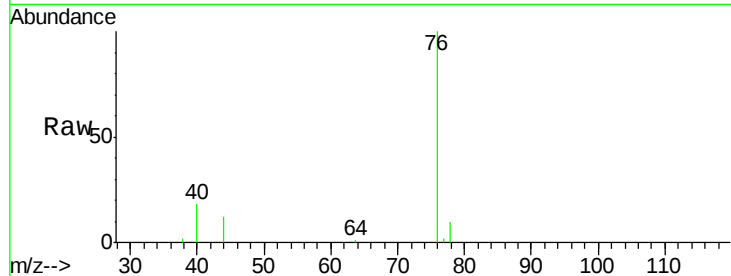




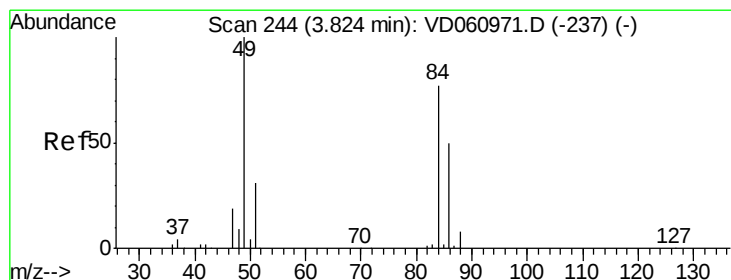
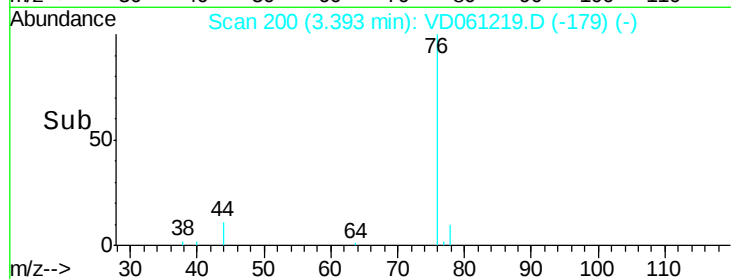
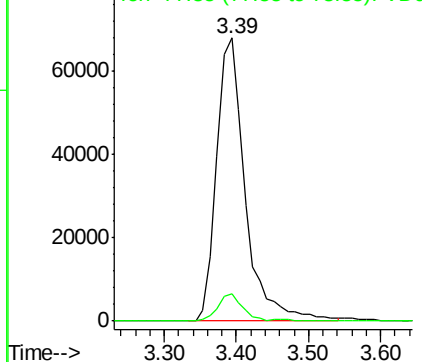
#17
Carbon Disulfide
Concen: 9.986 ug/l
RT: 3.39 min Scan# 200
Delta R.T. 0.00 min
Lab File: VD061219.D
Acq: 20 Mar 2019 20:21

Instrument :
MSVOA_D
ClientSampleId :
SB-24(12-13)

Tot Ion: 76 Resp: 186447
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2

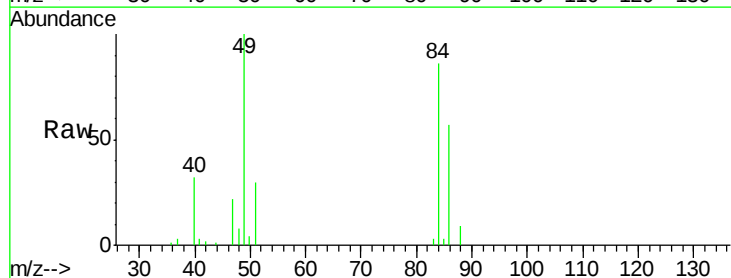


Abundance Ion 75.85 (75.55 to 76.55): VDC
Ion 77.85 (77.55 to 78.55): VDC

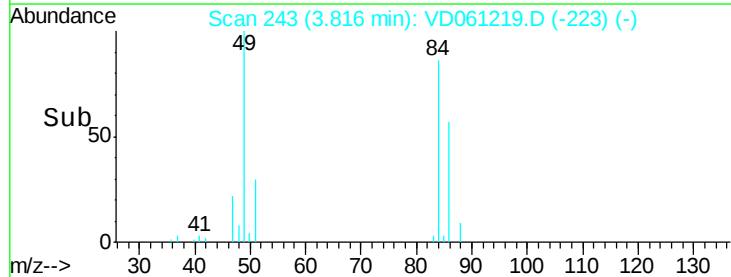
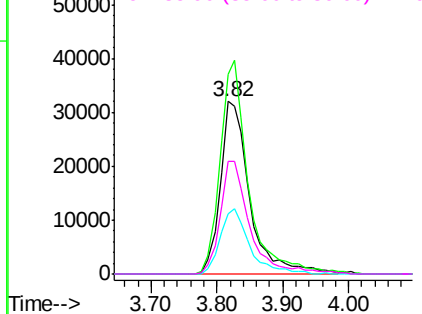


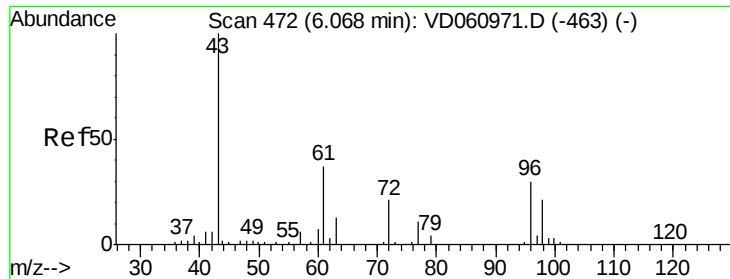
#20
Methylene Chloride
Concen: 13.273 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD061219.D
Acq: 20 Mar 2019 20:21

Tgt Ion: 84 Resp: 99931
Ion Ratio Lower Upper
84 100
49 115.7 104.2 156.2
51 34.7 32.3 48.5
86 65.7 52.3 78.5



Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC





#25

2-Butanone

Concen: 9.231 ug/l

RT: 6.06 min Scan# 471

Delta R.T. -0.01 min

Lab File: VD061219.D

Acq: 20 Mar 2019 20:21

Instrument :

MSVOA_D

ClientSampleId :

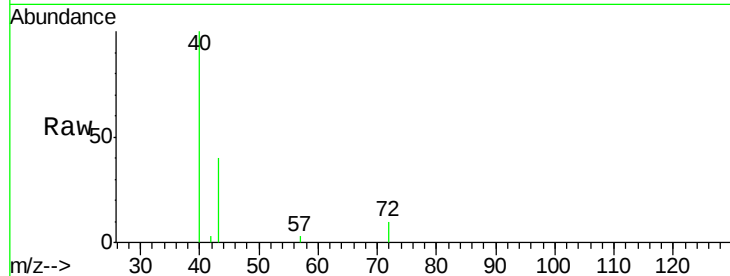
SB-24(12-13)

Tot Ion: 43 Resp: 13748

Ion Ratio Lower Upper

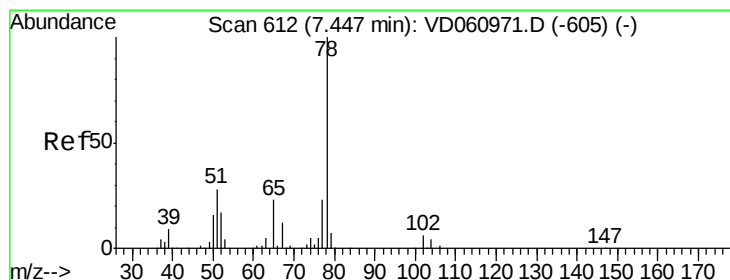
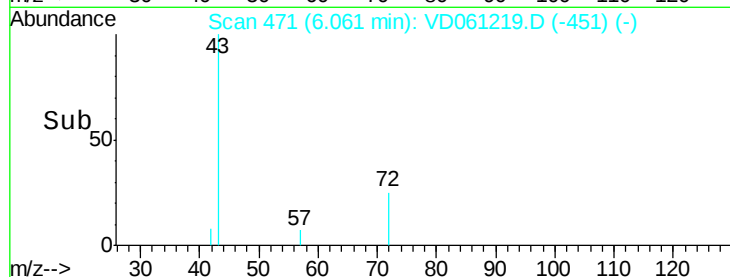
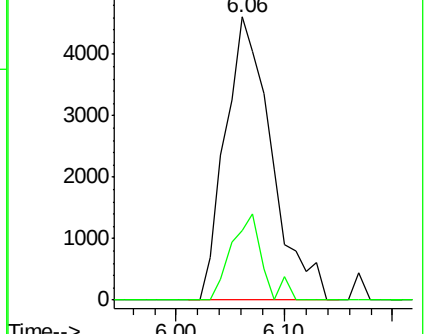
43 100

72 24.6 16.7 25.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD061219.D

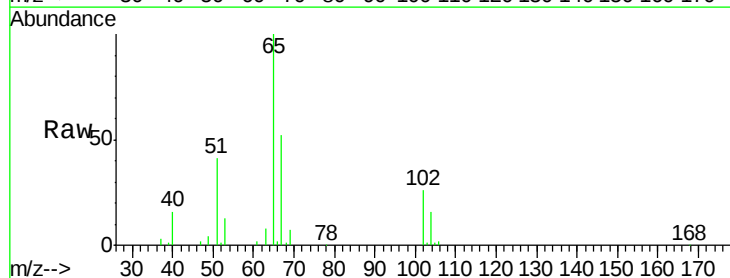
Acq: 20 Mar 2019 20:21

Tgt Ion: 65 Resp: 217111

Ion Ratio Lower Upper

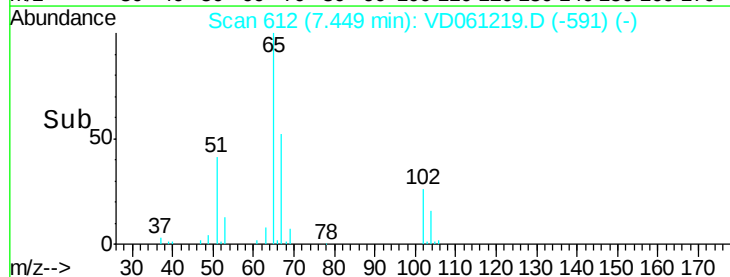
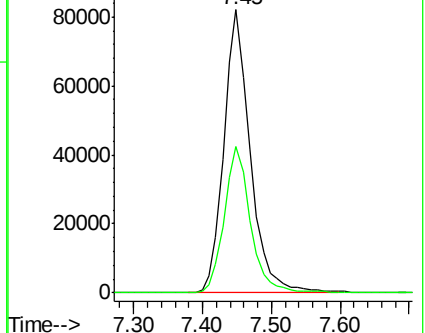
65 100

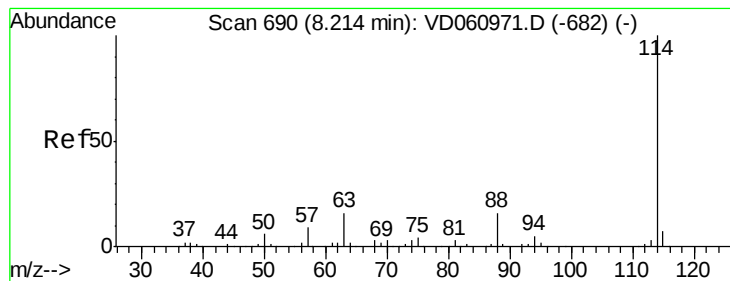
67 51.7 0.0 105.2



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: VD061219.D

Acq: 20 Mar 2019 20:21

Instrument :

MSVOA_D

ClientSampleId :

SB-24(12-13)

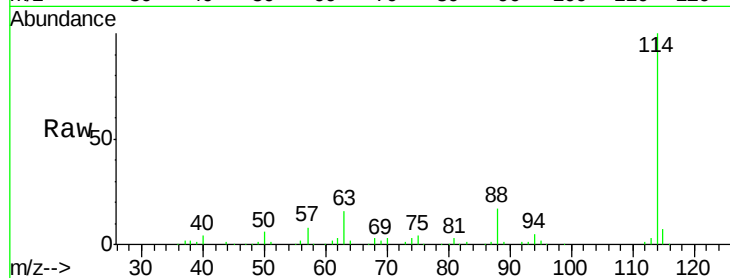
Tot Ion:114 Resp: 879426

Ion Ratio Lower Upper

114 100

63 15.8 0.0 31.4

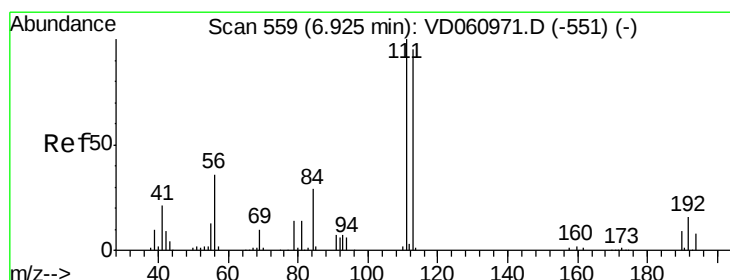
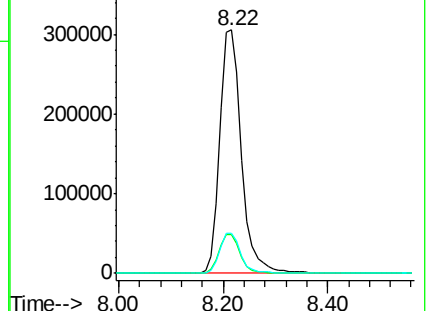
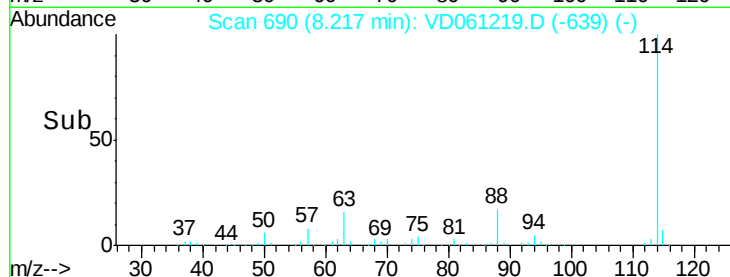
88 16.7 0.0 33.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD061219.D

Acq: 20 Mar 2019 20:21

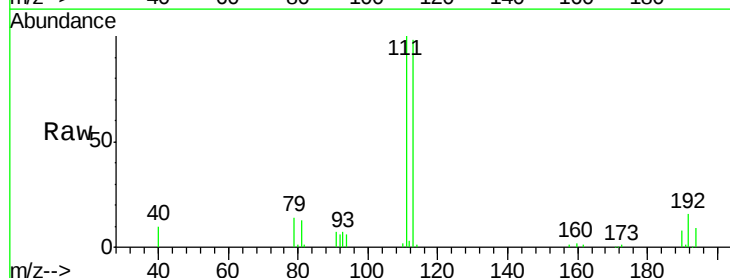
Tgt Ion:113 Resp: 346839

Ion Ratio Lower Upper

113 100

111 101.9 84.2 126.4

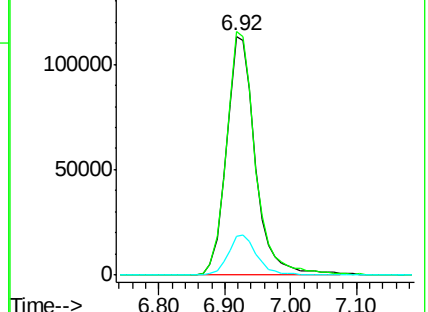
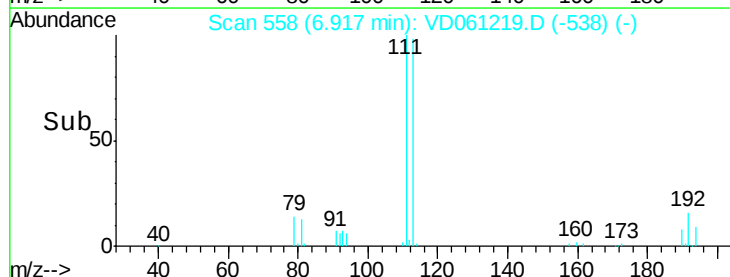
192 16.1 13.1 19.7

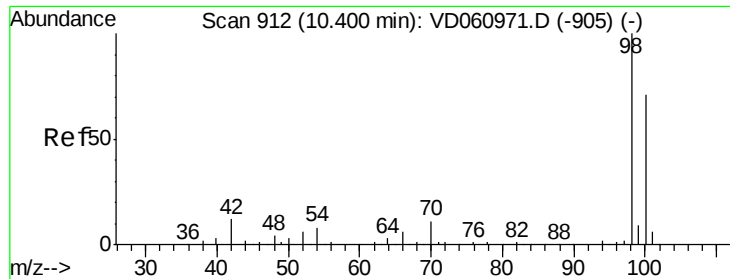


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

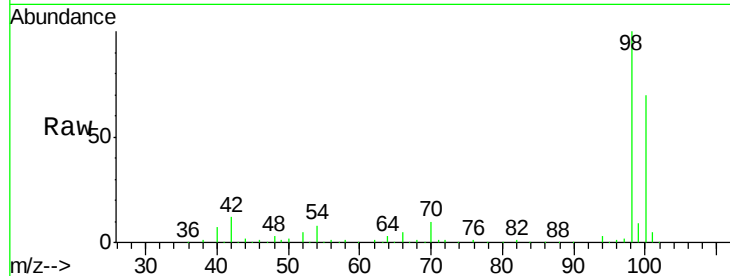




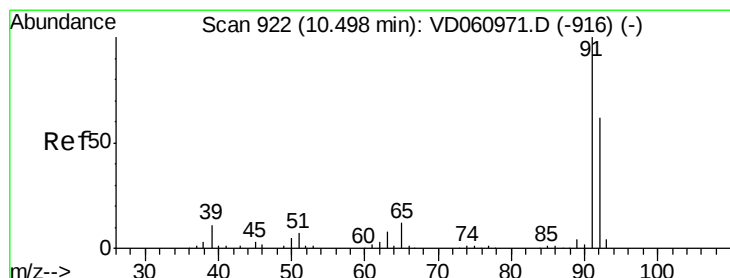
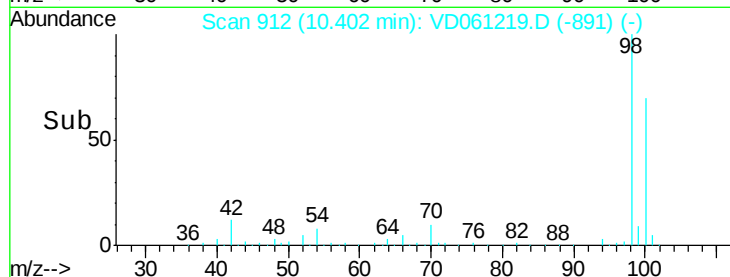
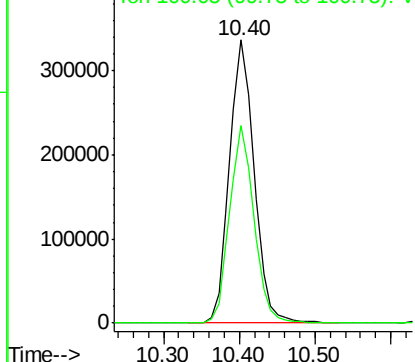
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD061219.D
Acq: 20 Mar 2019 20:21

Instrument :
MSVOA_D
ClientSampleId :
SB-24(12-13)

Tot Ion: 98 Resp: 760968
Ion Ratio Lower Upper
98 100
100 69.7 57.4 86.2

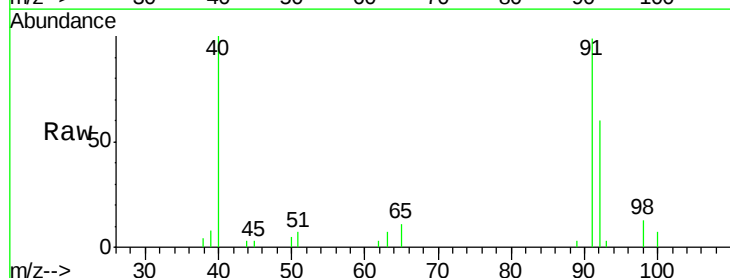


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

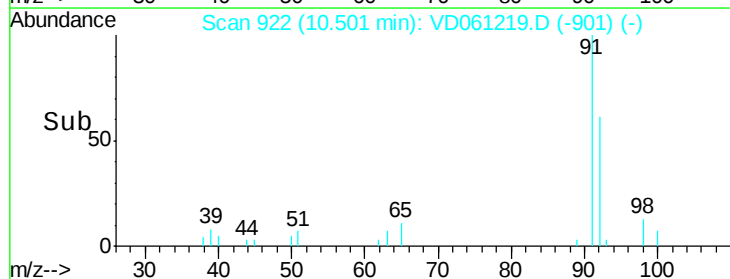
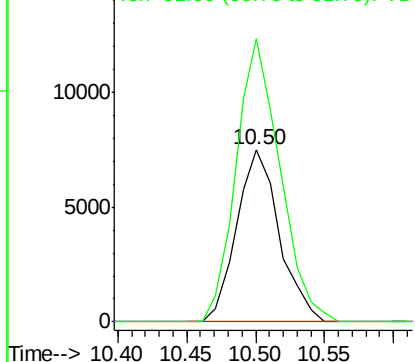


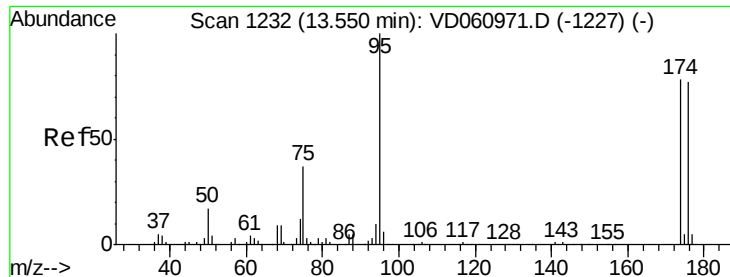
#52
Toluene
Concen: 1.372 ug/l
RT: 10.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: VD061219.D
Acq: 20 Mar 2019 20:21

Tgt Ion: 92 Resp: 16159
Ion Ratio Lower Upper
92 100
91 164.3 129.8 194.8



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061219.D

Acq: 20 Mar 2019 20:21

Instrument :

MSVOA_D

ClientSampleId :

SB-24(12-13)

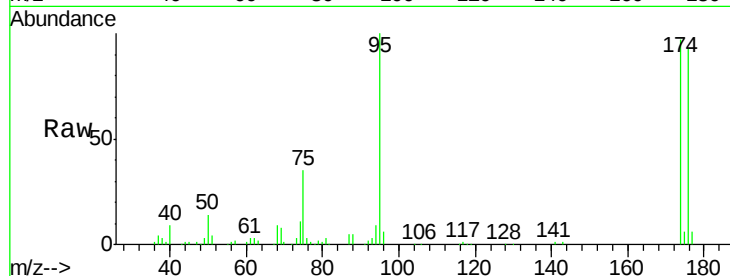
Tot Ion: 95 Resp: 185622

Ion Ratio Lower Upper

95 100

174 96.7 0.0 155.6

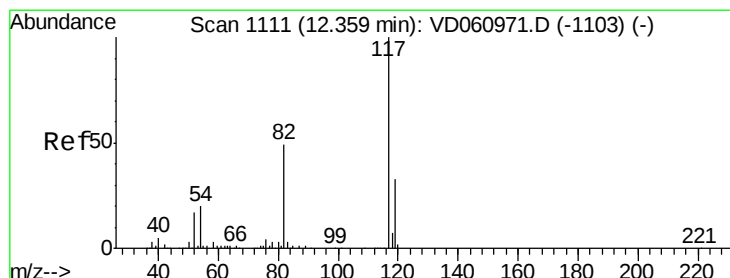
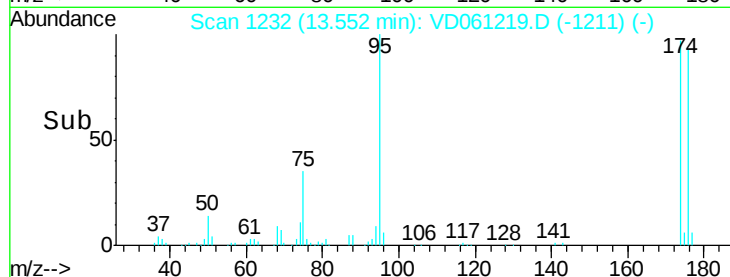
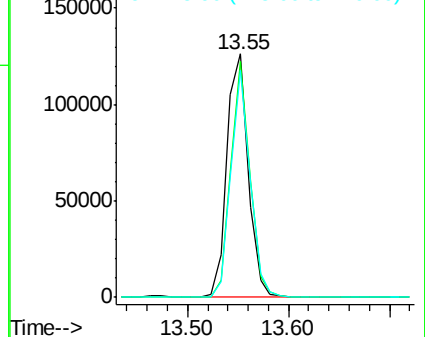
176 93.0 0.0 153.8



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: 12.36 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD061219.D

Acq: 20 Mar 2019 20:21

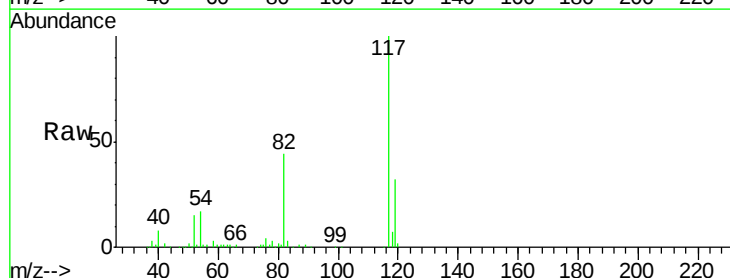
Tgt Ion: 117 Resp: 578529

Ion Ratio Lower Upper

117 100

82 44.3 38.9 58.3

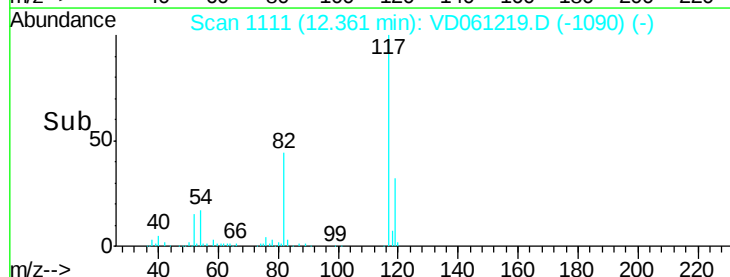
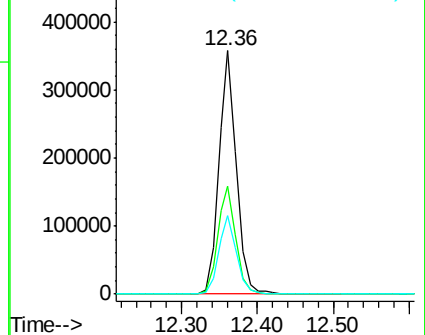
119 32.1 26.6 39.8

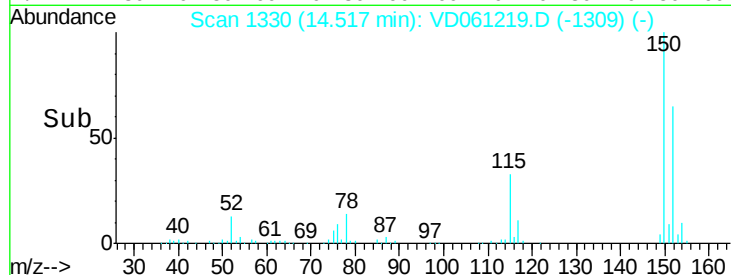
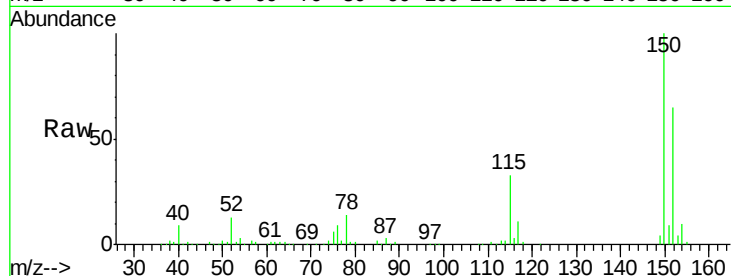
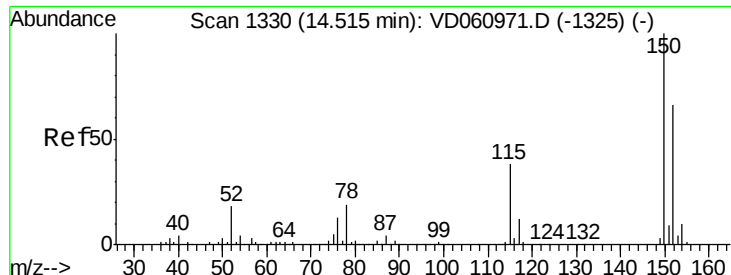


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD061219.D
 Acq: 20 Mar 2019 20:21

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-24(12-13)

Tot Ion	Ratio	Lower	Upper
152	100		
115	50.2	28.6	85.9
150	153.0	0.0	310.6

