

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
 Data File : VD061197.D
 Acq On : 19 Mar 2019 20:49
 Operator : VA/AP
 Sample : K1971-03
 Misc : 2.28g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9(1-2)-031519

Quant Time: Mar 20 01:56:56 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

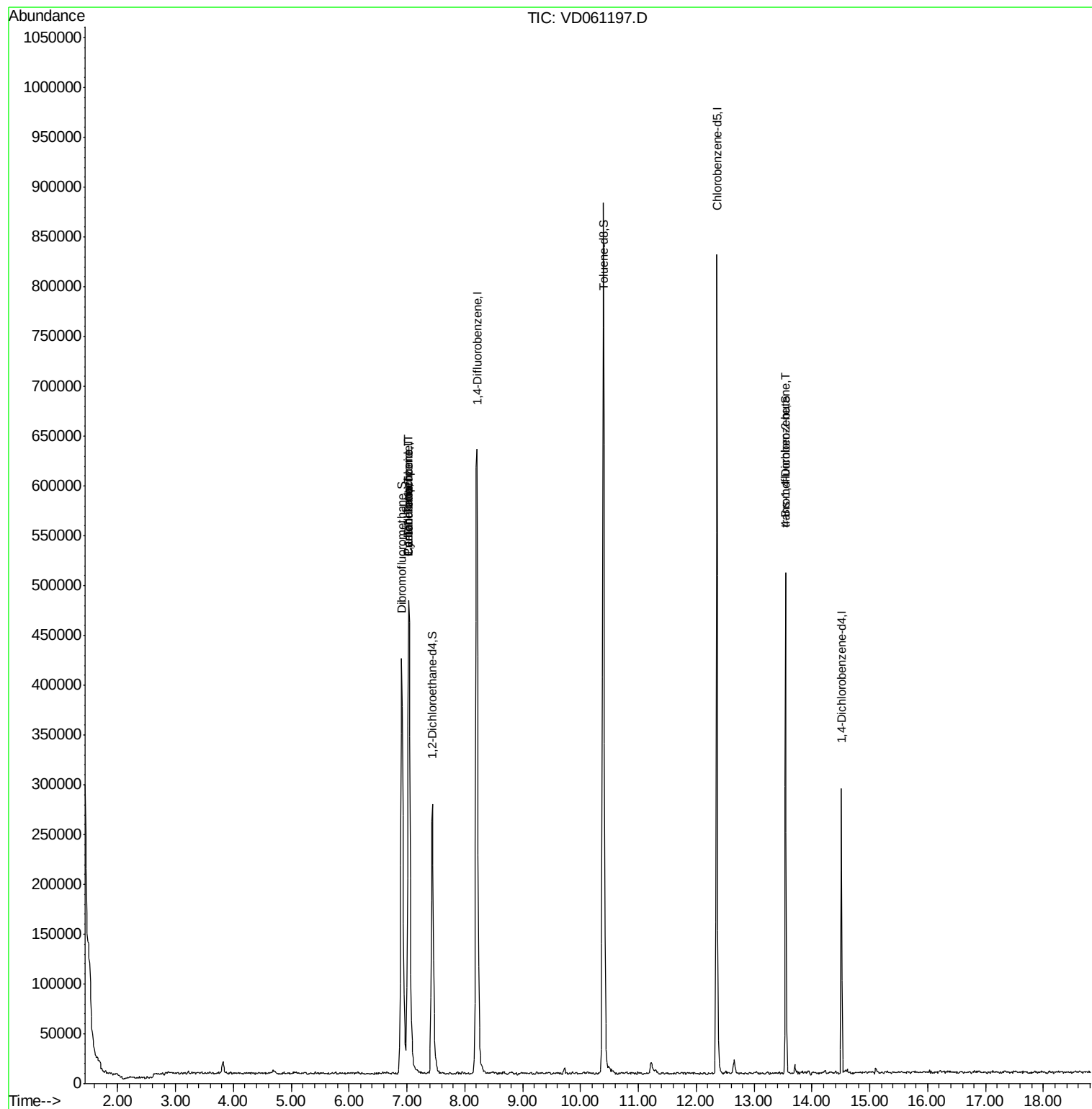
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	506454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	840767	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	503046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	69988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	267798	63.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.06%	
35) Dibromofluoromethane	6.91	113	415748	66.63	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	133.26%	
50) Toluene-d8	10.40	98	778715	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	13.55	95	149551	24.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.20%	
Target Compounds						
5) Bromomethane	2.21	94	196	Below Cal	#	8
20) Methylene Chloride	3.81	84	9410	Below Cal	#	79
31) Cyclohexane	7.03	56	8773	1.176	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	34131	4.709	ug/l #	47
38) Carbon Tetrachloride	7.04	117	47010	5.889	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.55	75	56379	189.920	ug/l #	17

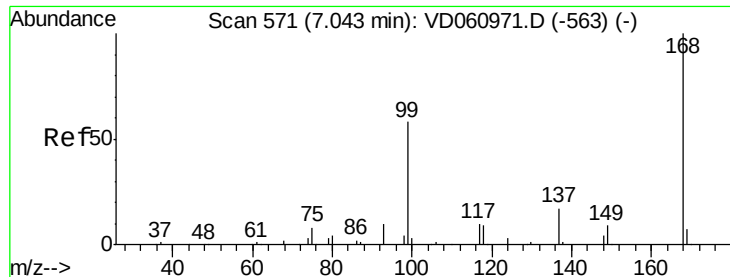
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031919\
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QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD061197.D

Acq: 19 Mar 2019 20:49

Instrument :

MSVOA_D

ClientSampleId :

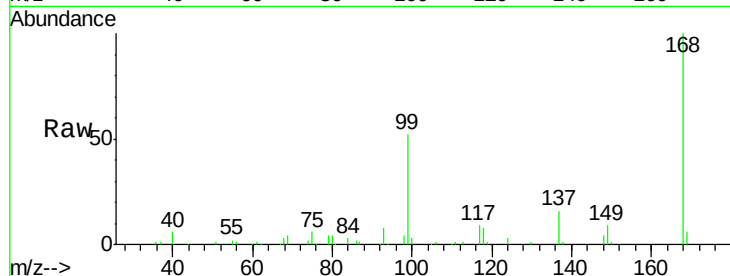
SB-9(1-2)-031519

Tot Ion:168 Resp: 506454

Ion Ratio Lower Upper

168 100

99 51.7 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

150000

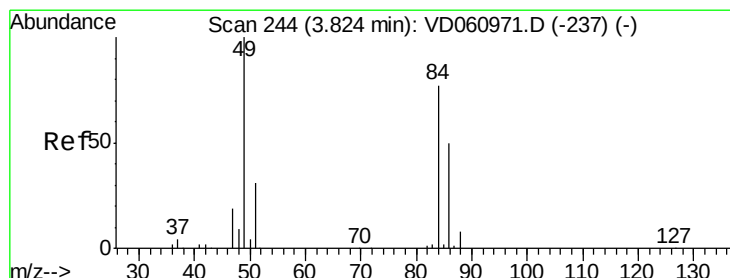
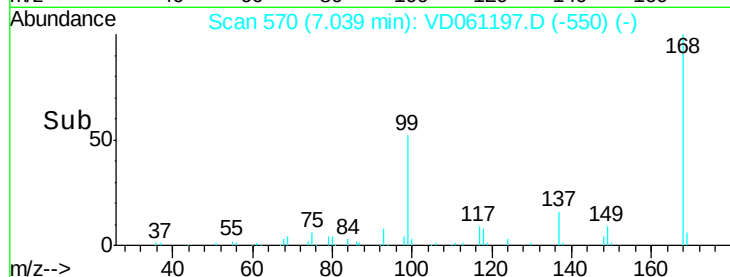
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#20

Methylene Chloride

Concen: Below Cal

RT: 3.81 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD061197.D

Acq: 19 Mar 2019 20:49

Tgt Ion: 84 Resp: 9410

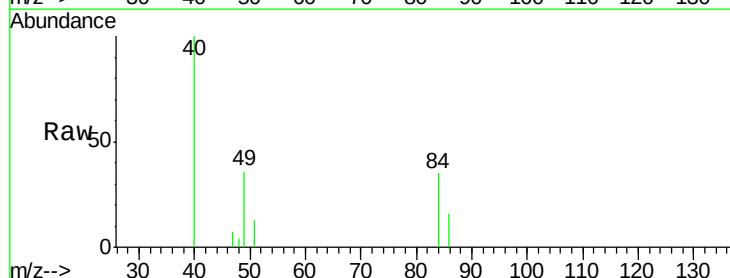
Ion Ratio Lower Upper

84 100

49 103.3 104.2 156.2#

51 35.7 32.3 48.5

86 46.8 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

3.81

4000

3000

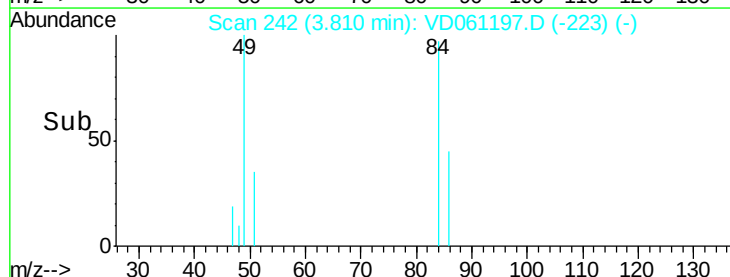
2000

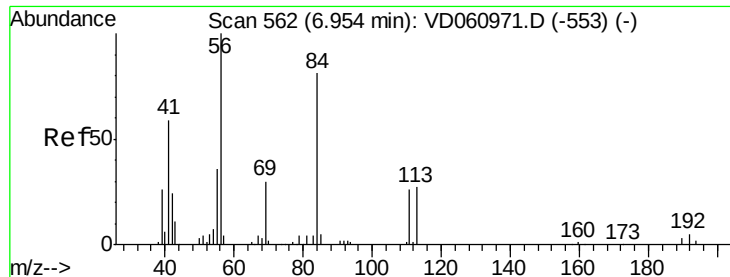
1000

0

Time-->

3.70 3.75 3.80 3.85 3.90

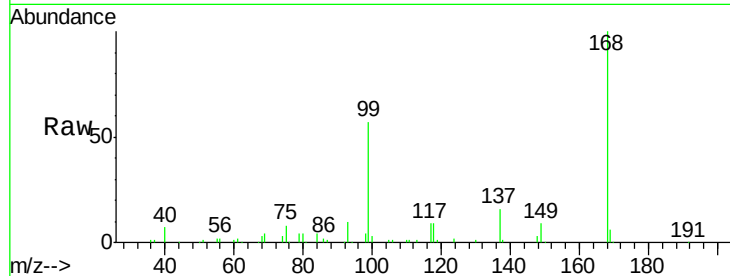




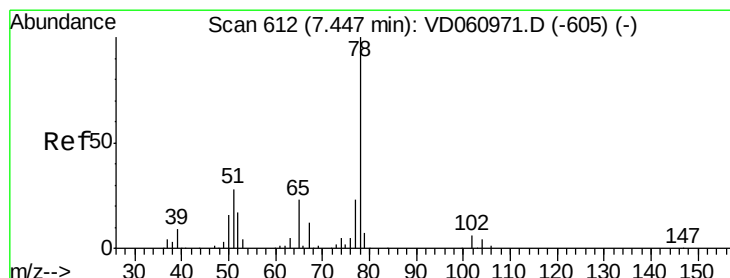
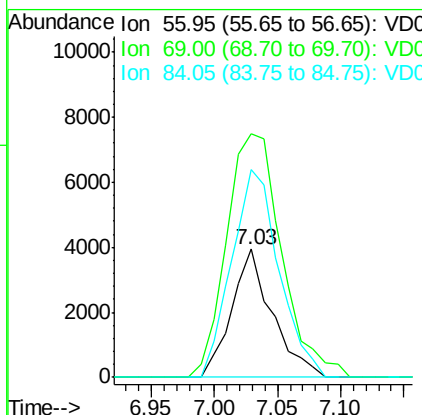
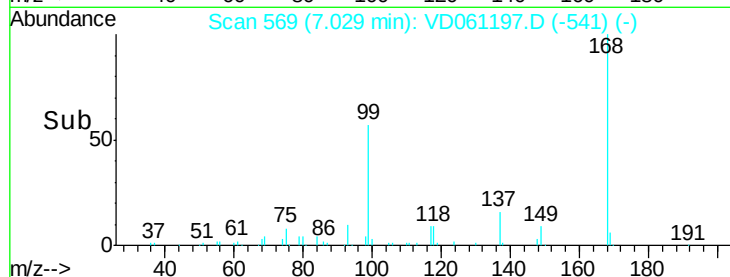
#31
Cyclohexane
Concen: 1.176 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.07 min
Lab File: VD061197.D
Acq: 19 Mar 2019 20:49

Instrument :
MSVOA_D
ClientSampleId :
SB-9(1-2)-031519

Tot Ion: 56 Resp: 8773
Ion Ratio Lower Upper
56 100
69 190.4 24.0 36.0#
84 162.0 65.8 98.6#

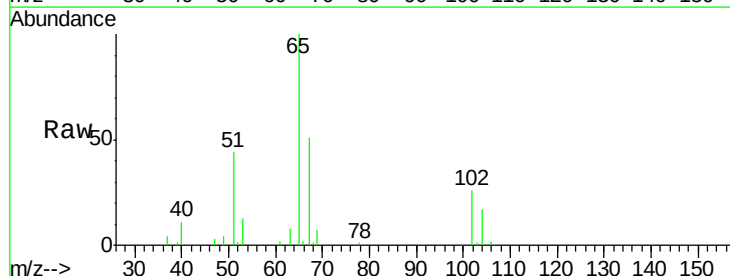


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

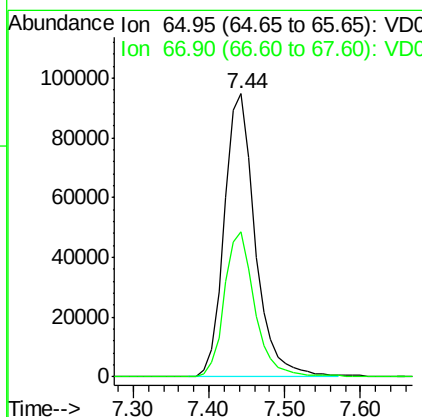
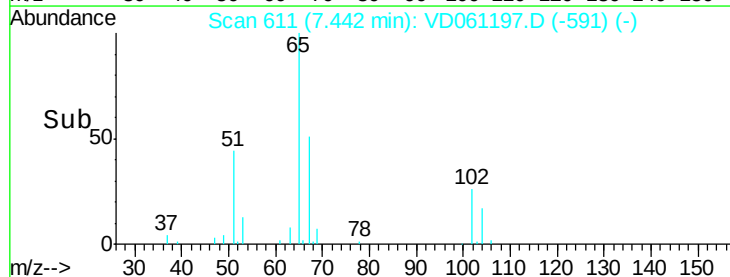


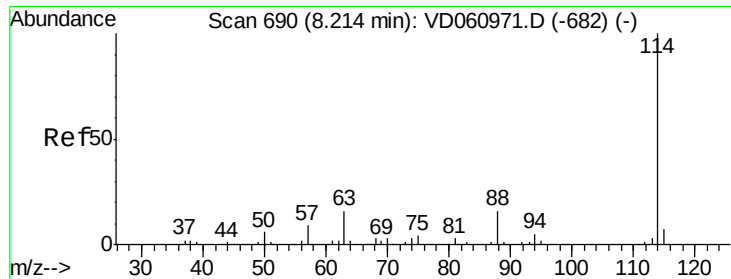
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.00 min
Lab File: VD061197.D
Acq: 19 Mar 2019 20:49

Tgt Ion: 65 Resp: 267798
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.2



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

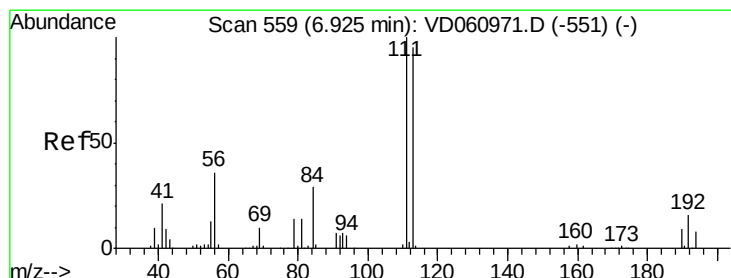
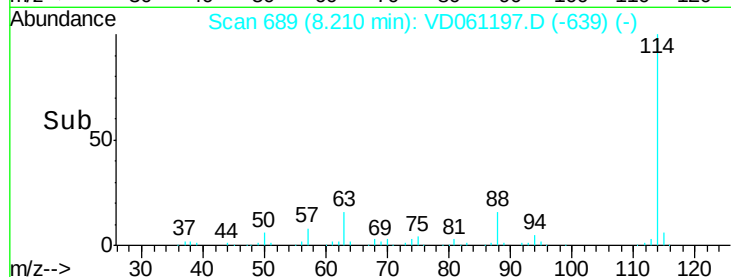
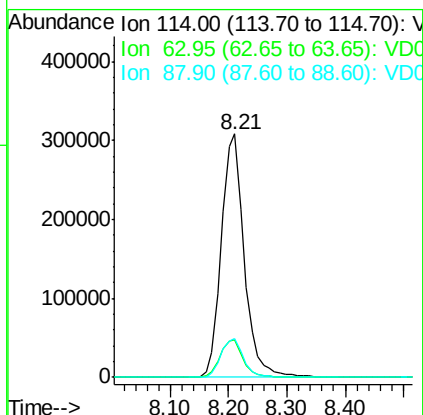
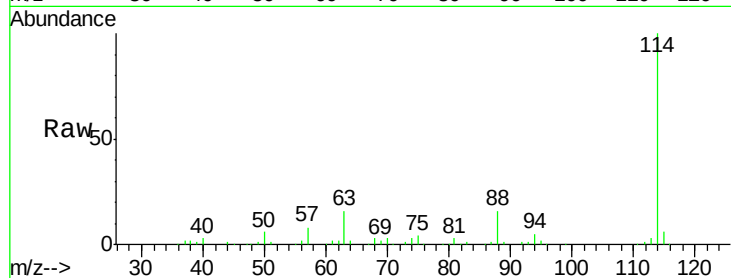




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD061197.D
 Acq: 19 Mar 2019 20:49

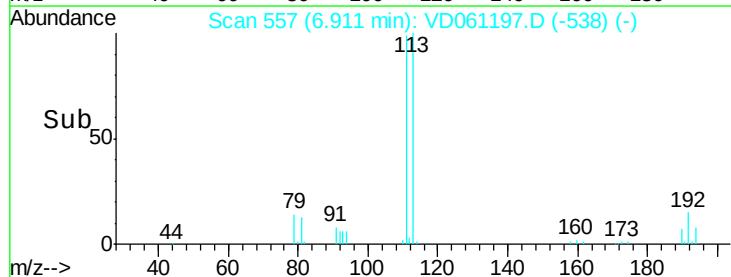
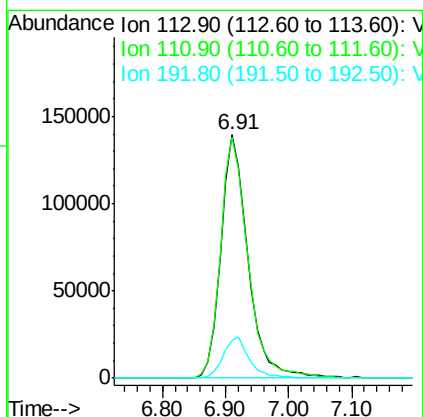
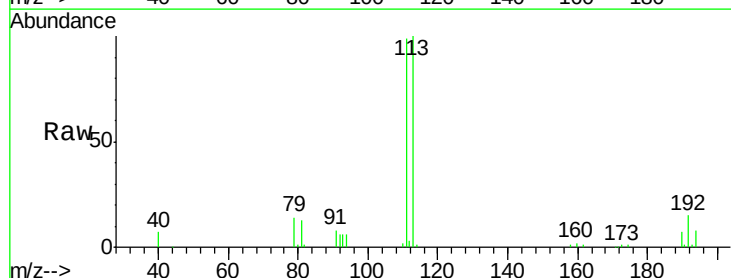
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9(1-2)-031519

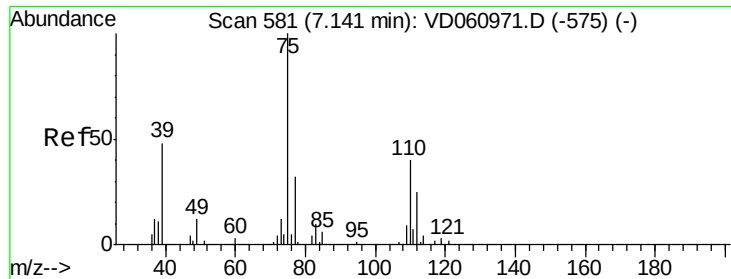
Tot Ion:114 Resp: 840767
 Ion Ratio Lower Upper
 114 100
 63 15.6 0.0 31.4
 88 15.8 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: VD061197.D
 Acq: 19 Mar 2019 20:49

Tgt Ion:113 Resp: 415748
 Ion Ratio Lower Upper
 113 100
 111 99.0 84.2 126.4
 192 15.2 13.1 19.7

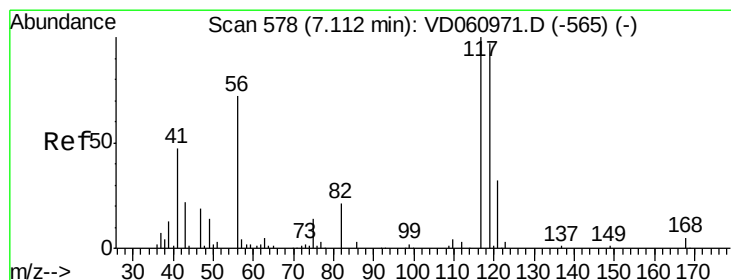
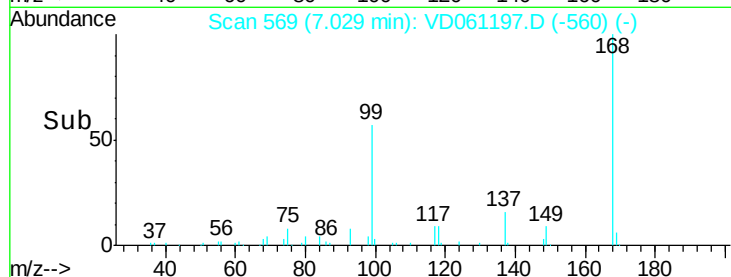
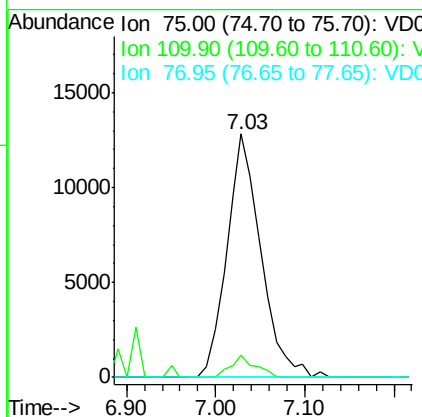
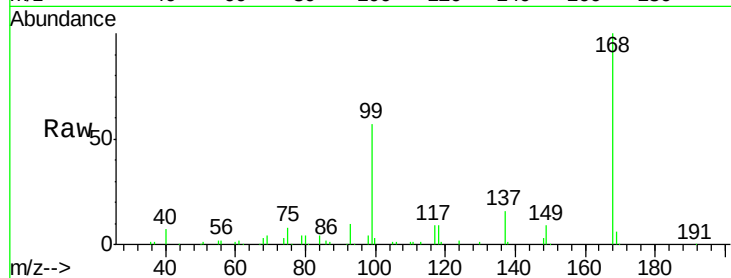




#36
 1,1-Dichloropropene
 Concen: 4.709 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.11 min
 Lab File: VD061197.D
 Acq: 19 Mar 2019 20:49

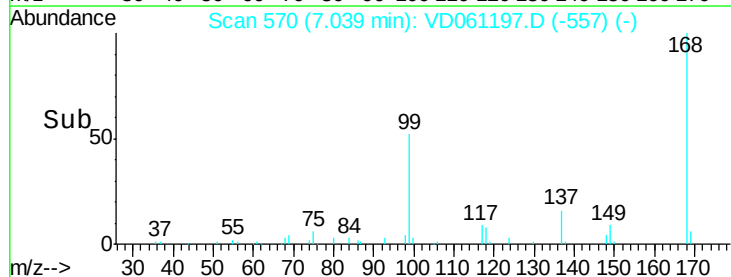
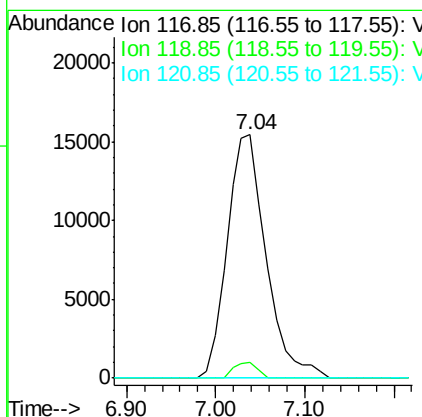
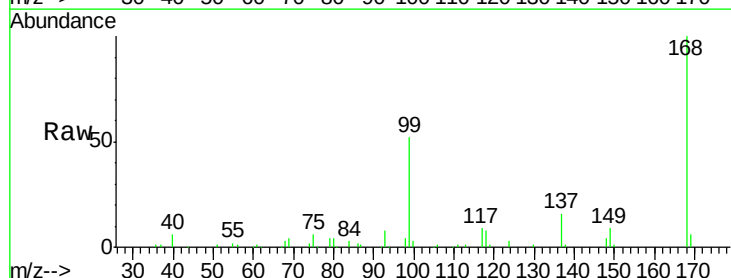
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9(1-2)-031519

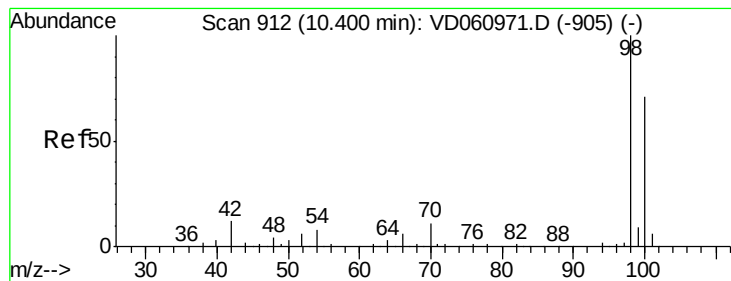
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	19.7	59.1#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.889 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.07 min
 Lab File: VD061197.D
 Acq: 19 Mar 2019 20:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.3	77.8	116.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.00 min

Lab File: VD061197.D

Acq: 19 Mar 2019 20:49

Instrument :

MSVOA_D

ClientSampleId :

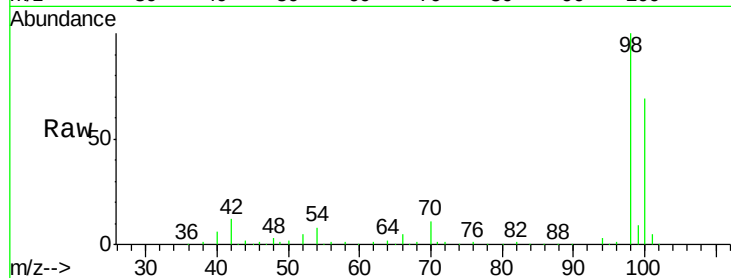
SB-9(1-2)-031519

Tot Ion: 98 Resp: 778715

Ion Ratio Lower Upper

98 100

100 69.4 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

10.40

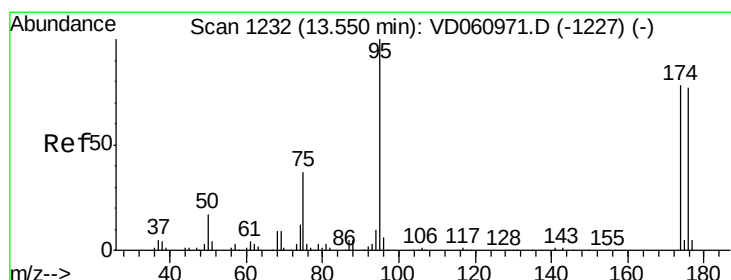
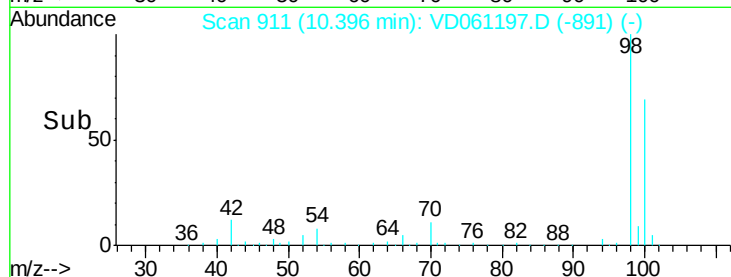
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD061197.D

Acq: 19 Mar 2019 20:49

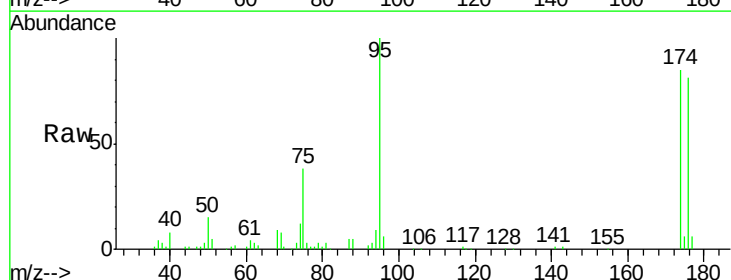
Tgt Ion: 95 Resp: 149551

Ion Ratio Lower Upper

95 100

174 85.4 0.0 155.6

176 81.2 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

13.55

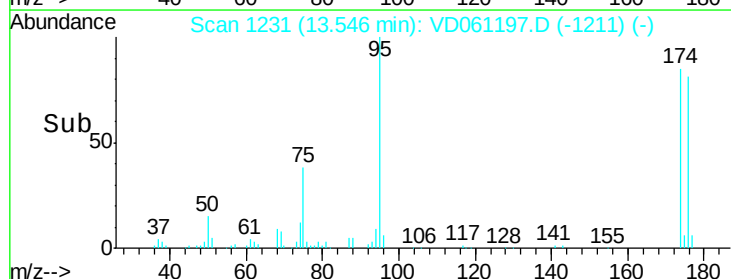
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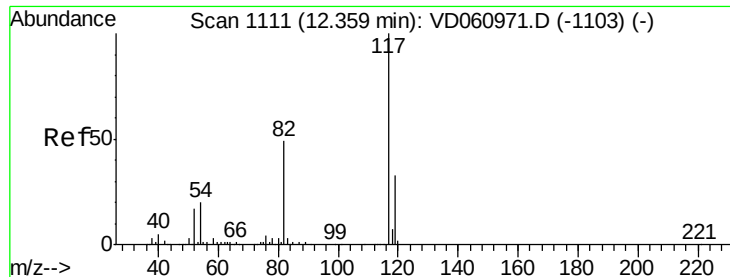
100000

50000

0

Time-->

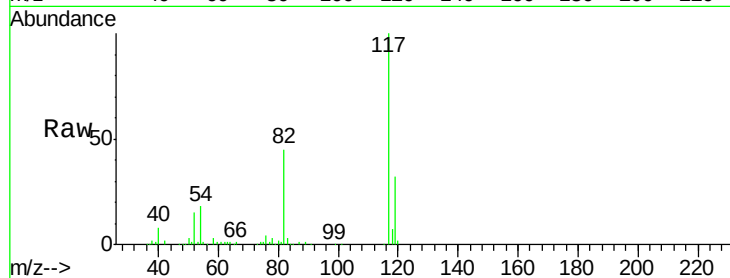




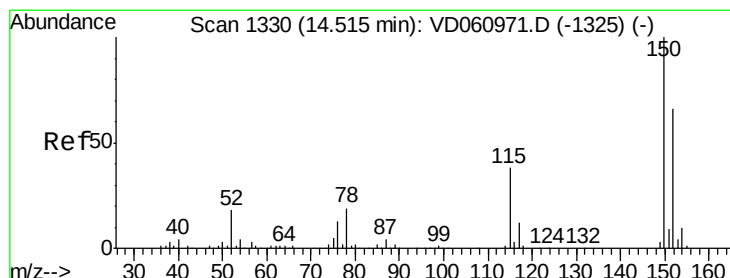
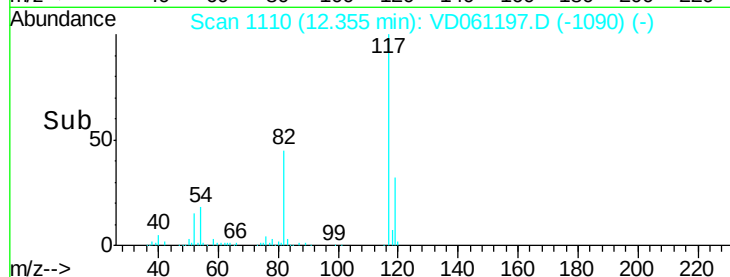
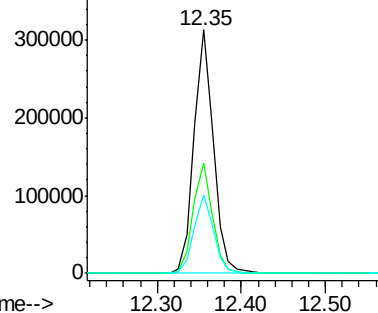
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD061197.D
Acq: 19 Mar 2019 20:49

Instrument :
MSVOA_D
ClientSampleId :
SB-9(1-2)-031519

Tot Ion:117 Resp: 503046
Ion Ratio Lower Upper
117 100
82 45.3 38.9 58.3
119 32.2 26.6 39.8

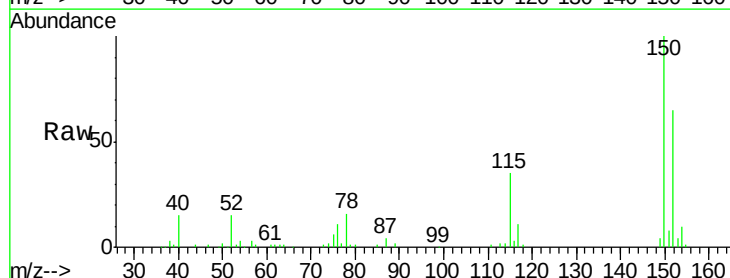


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

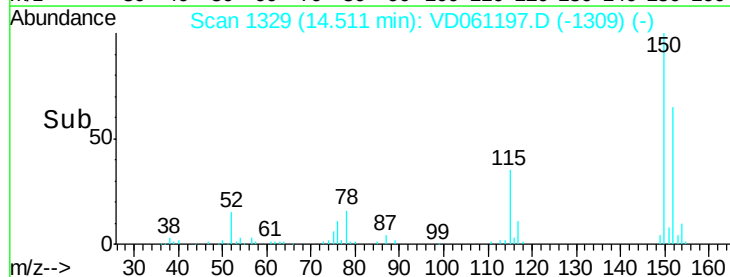
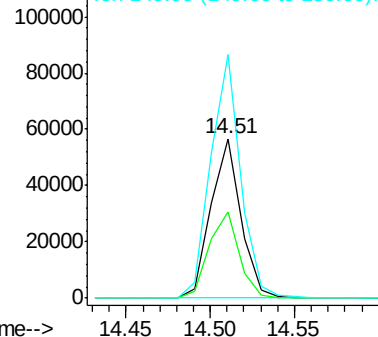


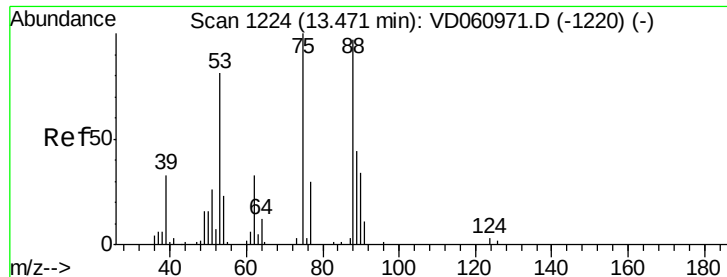
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061197.D
Acq: 19 Mar 2019 20:49

Tgt Ion:152 Resp: 69988
Ion Ratio Lower Upper
152 100
115 53.7 28.6 85.9
150 152.7 0.0 310.6



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: 189.920 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. 0.07 min

Lab File: VD061197.D

Acq: 19 Mar 2019 20:49

Instrument :

MSVOA_D

ClientSampleId :

SB-9(1-2)-031519

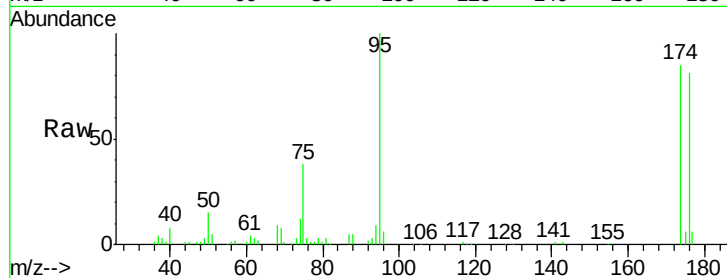
Tot Ion: 75 Resp: 56379

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.0 34.8 52.2#



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

