

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062819\
 Data File : VD062959.D
 Acq On : 28 Jun 2019 12:00
 Operator : VA/AP
 Sample : K3526-09RE
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-9.5-10.0

Quant Time: Jun 29 00:13:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	746534	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	1024882	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	780721	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	451192	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	366657	45.18	ug/l	-0.03
Spiked Amount			Recovery	=	90.36%	
35) Dibromofluoromethane	6.90	113	415783	48.11	ug/l	-0.03
Spiked Amount			Recovery	=	96.22%	
50) Toluene-d8	10.38	98	626987	33.34	ug/l	-0.03
Spiked Amount			Recovery	=	66.68%	
62) 4-Bromofluorobenzene	13.54	95	394585	46.14	ug/l	-0.01
Spiked Amount			Recovery	=	92.28%	

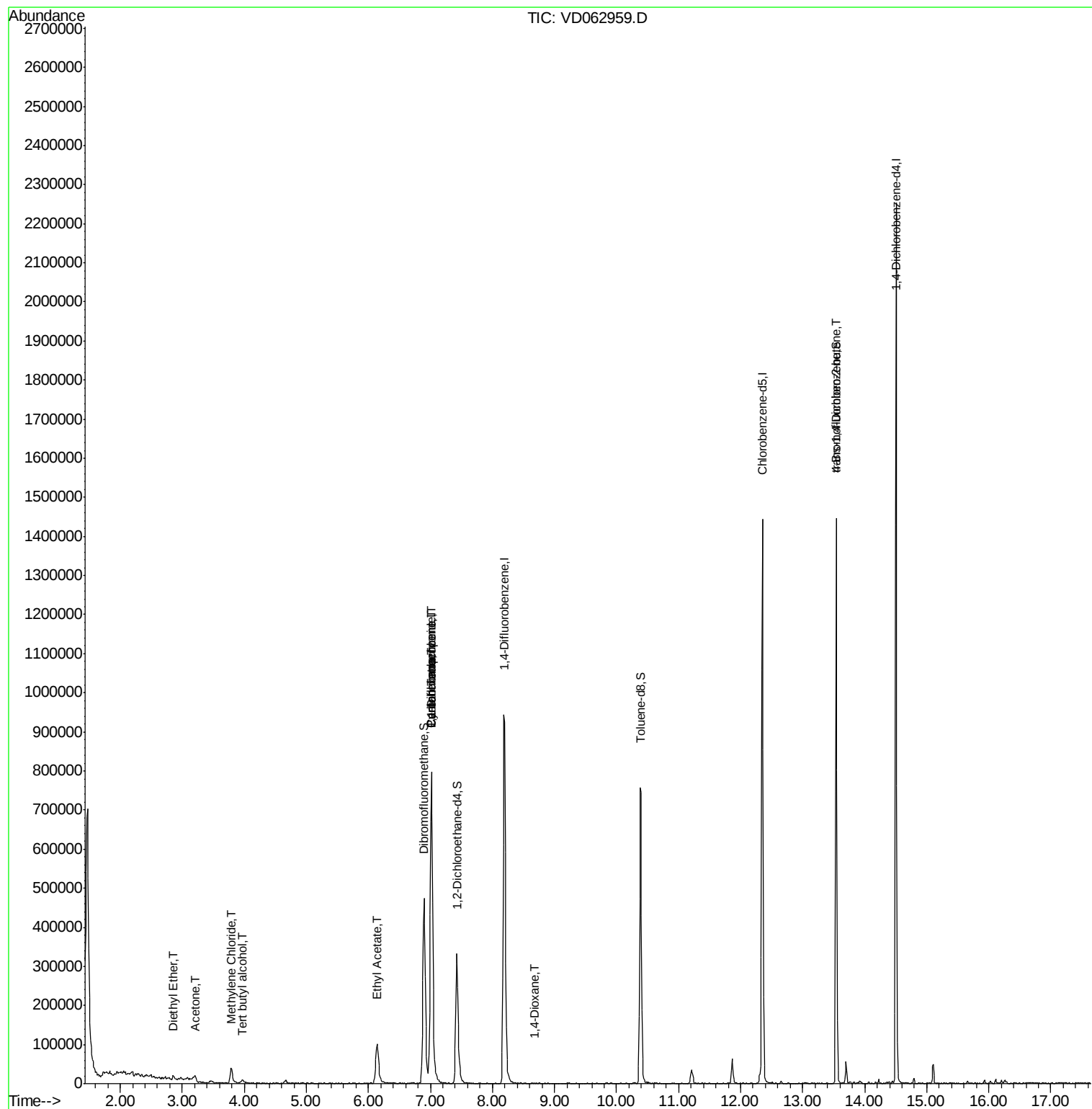
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.85	74	3053	1.648	ug/l	100
11) Tert butyl alcohol	3.96	59	7100	19.211	ug/l #	77
16) Acetone	3.20	43	20698	5.743	ug/l	96
20) Methylene Chloride	3.79	84	23357	3.774	ug/l	97
31) Cyclohexane	7.01	56	17527	2.300	ug/l #	17
36) 1,1-Dichloropropene	7.02	75	59667	6.150	ug/l #	53
37) Ethyl Acetate	6.14	43	10359	1.473	ug/l #	3
38) Carbon Tetrachloride	7.02	117	74429	5.101	ug/l #	16
49) 1,4-Dioxane	8.68	88	235	7.815	ug/l #	29
81) trans-1,4-Dichloro-2-buten	13.54	75	178062	130.437	ug/l #	2

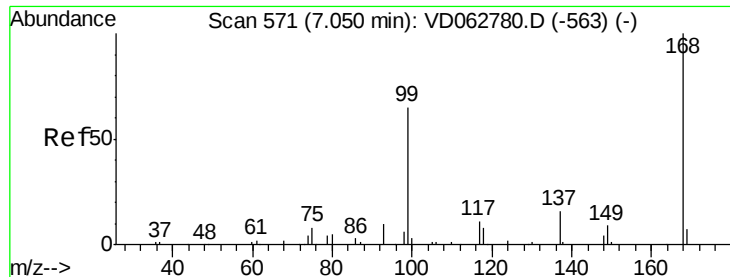
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062819\
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ALS Vial : 6 Sample Multiplier: 1

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SB-05-9.5-10.0

Quant Time: Jun 29 00:13:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.03 min

Lab File: VD062959.D

Acq: 28 Jun 2019 12:00

Instrument :

MSVOA_D

ClientSampleId :

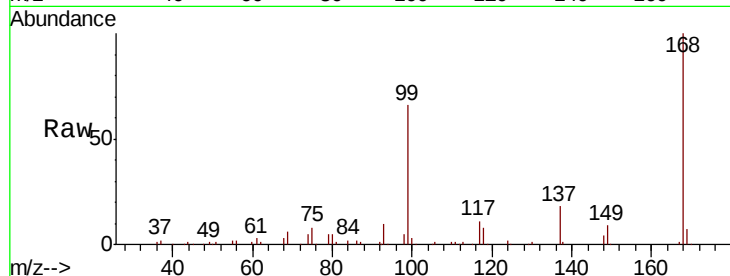
SB-05-9.5-10.0

Tot Ion:168 Resp: 746534

Ion Ratio Lower Upper

168 100

99 66.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

250000

200000

150000

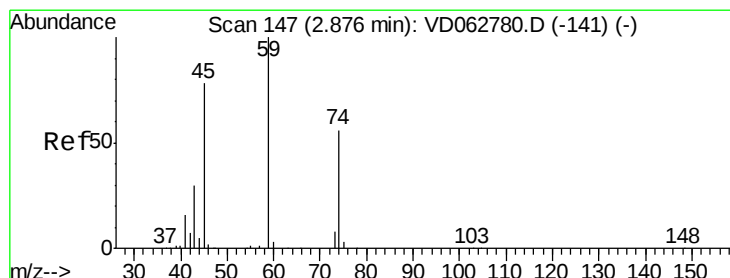
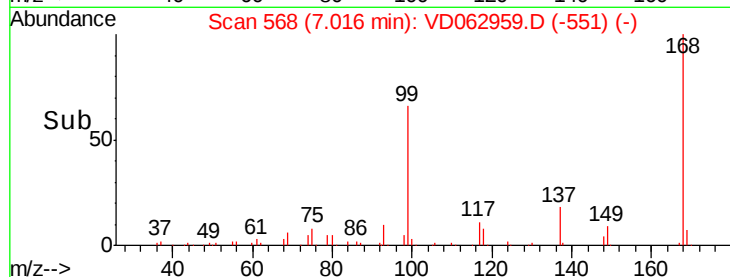
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#8

Diethyl Ether

Concen: 1.648 ug/l

RT: 2.85 min Scan# 145

Delta R.T. -0.02 min

Lab File: VD062959.D

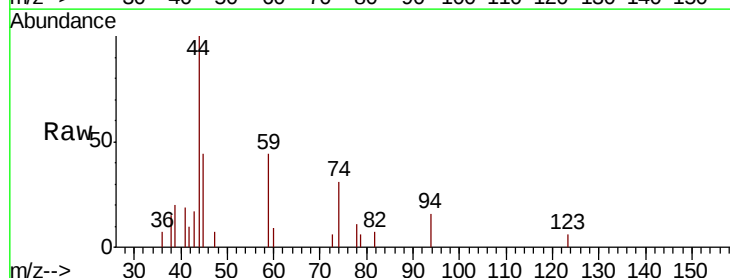
Acq: 28 Jun 2019 12:00

Tgt Ion: 74 Resp: 3053

Ion Ratio Lower Upper

74 100

45 139.9 70.2 210.6



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

2500

2000

1500

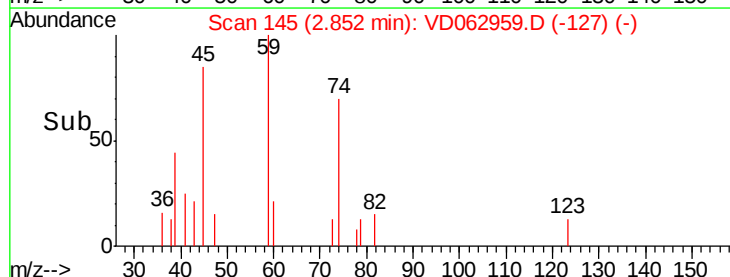
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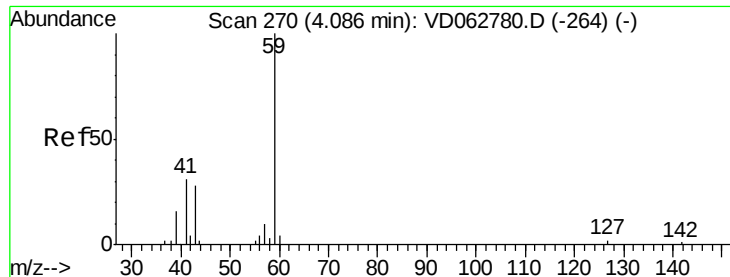
500

0

2.80 2.85 2.90

Time-->

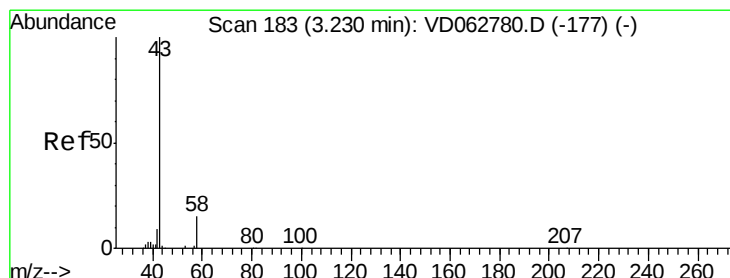
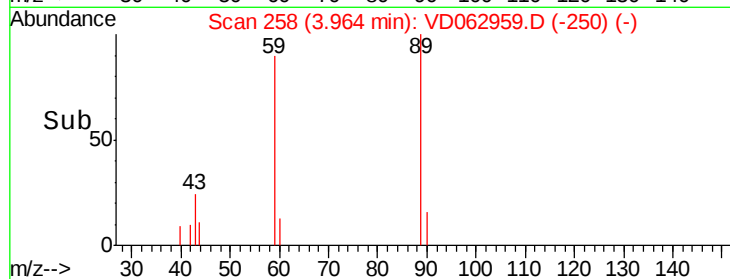
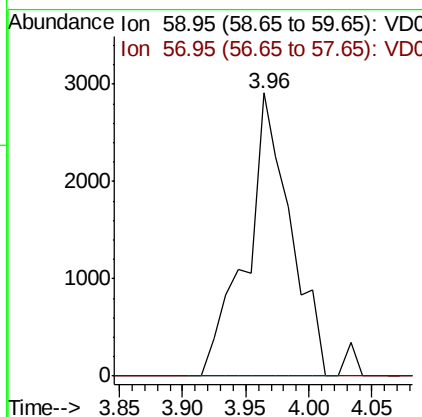
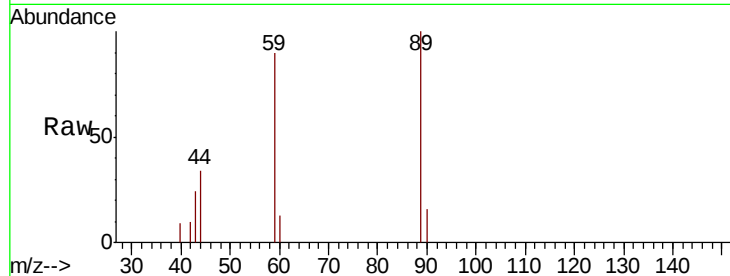




#11
Tert butyl alcohol
Concen: 19.211 ug/l
RT: 3.96 min Scan# 258
Delta R.T. -0.12 min
Lab File: VD062959.D
Acq: 28 Jun 2019 12:00

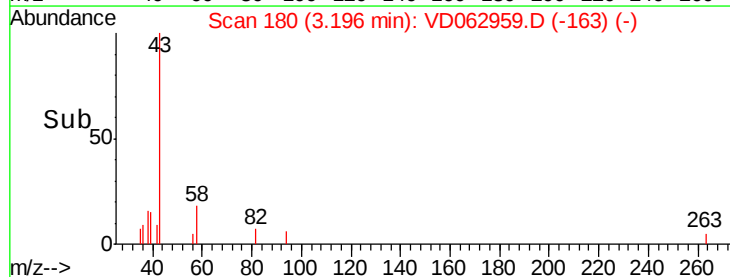
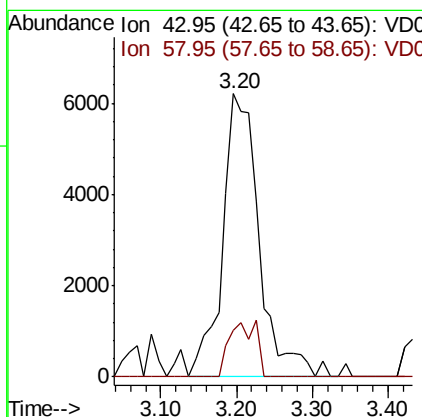
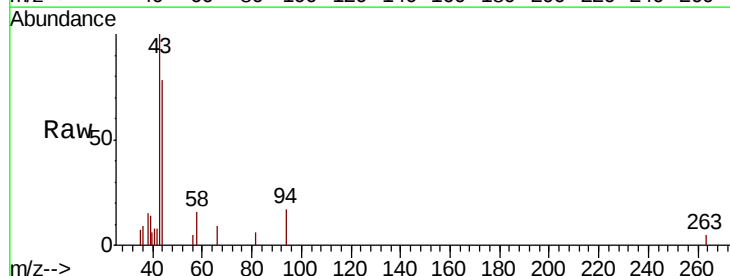
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MSVOA_D
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SB-05-9.5-10.0

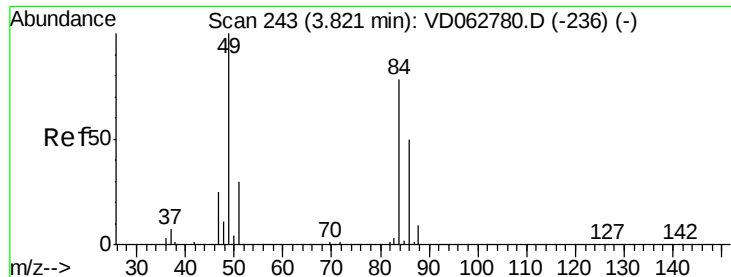
Tot Ion: 59 Resp: 7100
Ion Ratio Lower Upper
59 100
57 0.0 6.6 10.0#



#16
Acetone
Concen: 5.743 ug/l
RT: 3.20 min Scan# 180
Delta R.T. -0.03 min
Lab File: VD062959.D
Acq: 28 Jun 2019 12:00

Tgt Ion: 43 Resp: 20698
Ion Ratio Lower Upper
43 100
58 16.5 11.9 17.9

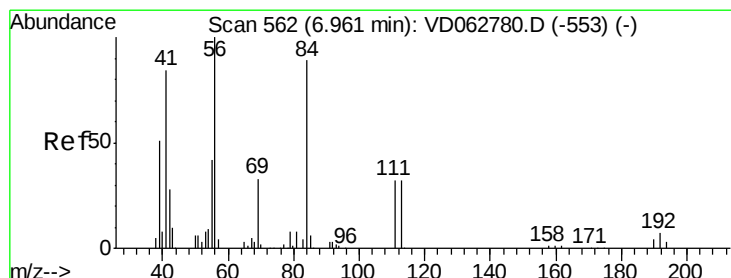
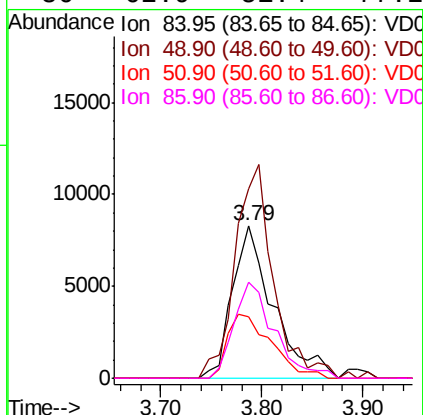
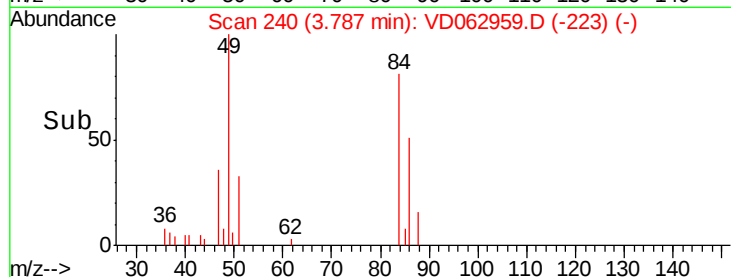
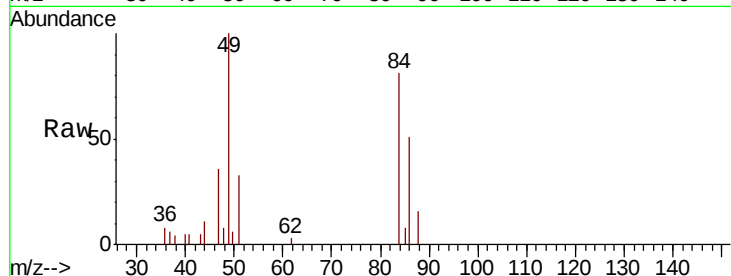




#20
Methylene Chloride
Concen: 3.774 ug/l
RT: 3.79 min Scan# 240
Delta R.T. -0.03 min
Lab File: VD062959.D
Acq: 28 Jun 2019 12:00

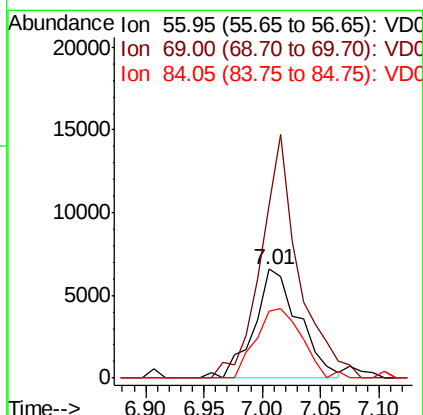
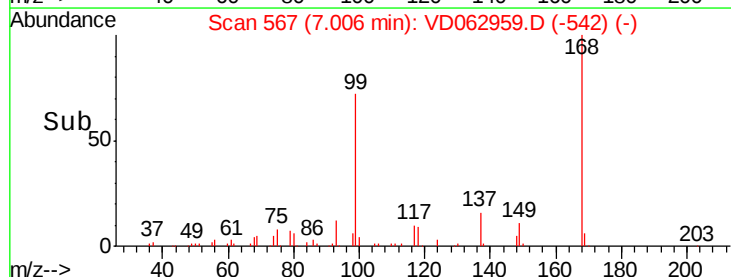
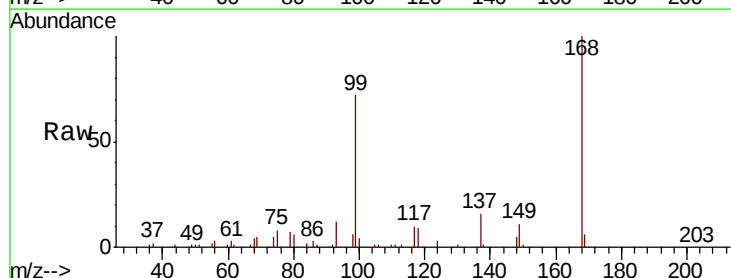
Instrument :
MSVOA_D
ClientSampleId :
SB-05-9.5-10.0

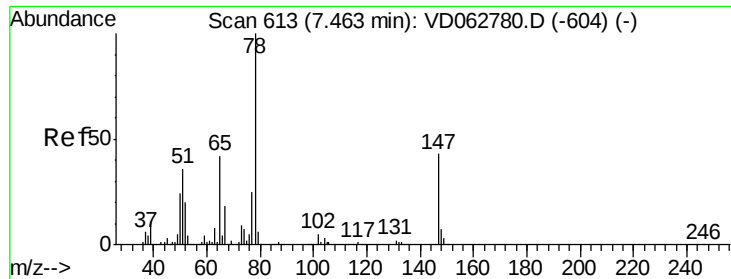
Tot Ion: 84 Resp: 23357
Ion Ratio Lower Upper
84 100
49 123.9 102.9 154.3
51 40.4 31.2 46.8
86 62.9 51.4 77.2



#31
Cyclohexane
Concen: 2.300 ug/l
RT: 7.01 min Scan# 567
Delta R.T. 0.04 min
Lab File: VD062959.D
Acq: 28 Jun 2019 12:00

Tgt Ion: 56 Resp: 17527
Ion Ratio Lower Upper
56 100
69 159.4 26.6 39.8#
84 61.8 75.5 113.3#

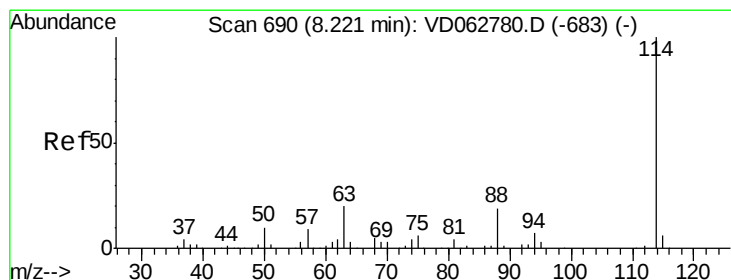
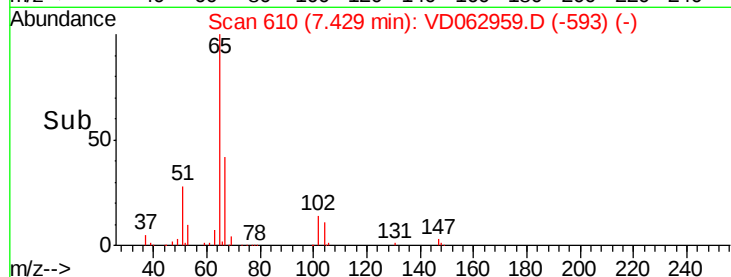
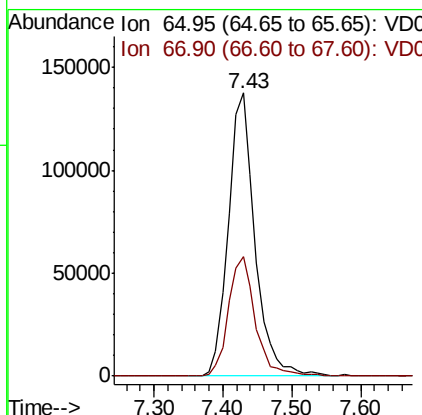
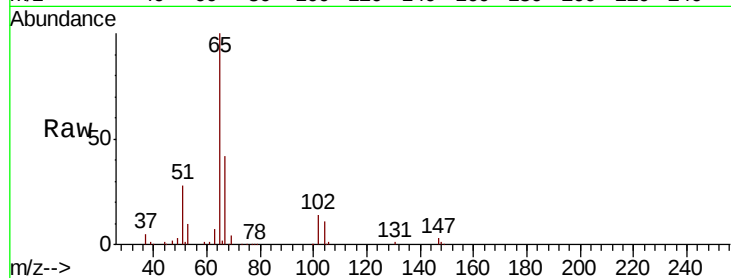




#33
 1,2-Dichloroethane-d4
 Concen: 45.184 ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: VD062959.D
 Acq: 28 Jun 2019 12:00

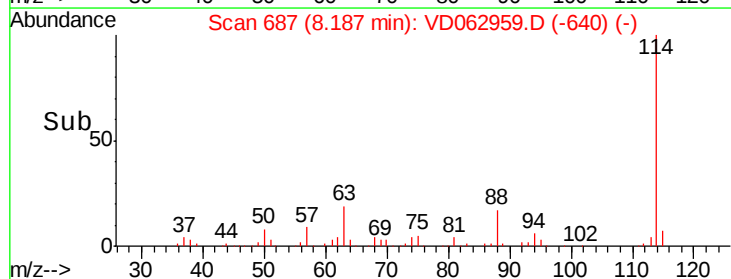
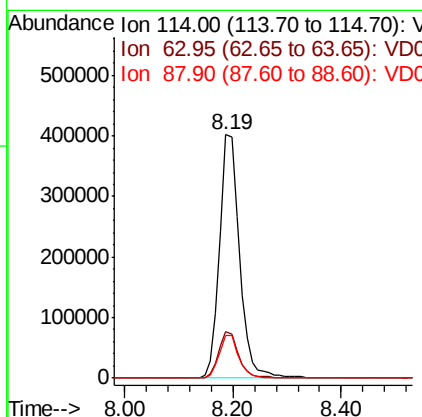
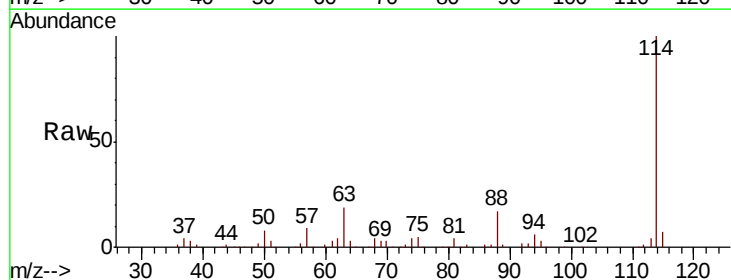
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-9.5-10.0

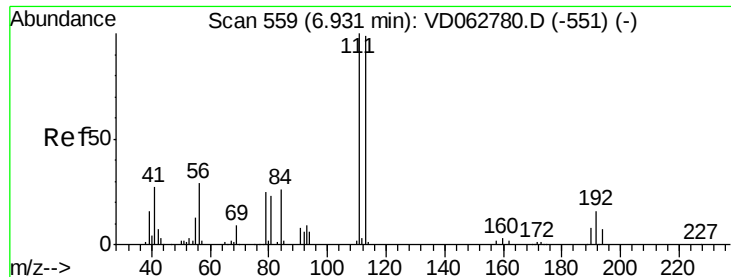
Tot Ion: 65 Resp: 366657
 Ion Ratio Lower Upper
 65 100
 67 42.1 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: VD062959.D
 Acq: 28 Jun 2019 12:00

Tgt Ion: 114 Resp: 1024882
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.0
 88 17.4 0.0 38.8

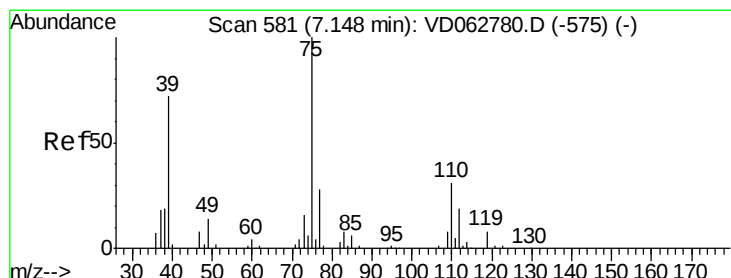
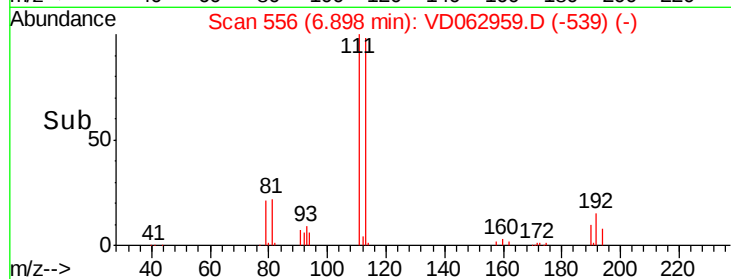
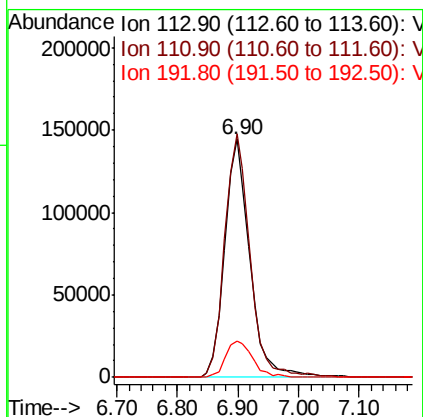
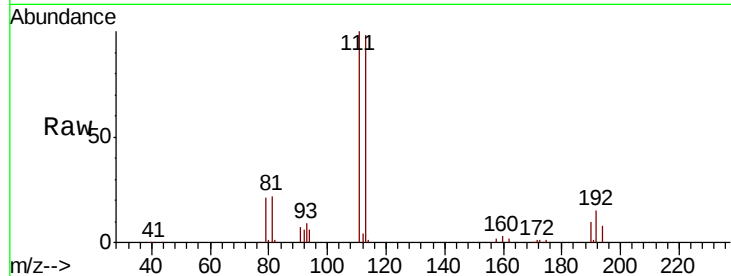




#35
 Dibromofluoromethane
 Concen: 48.113 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: VD062959.D
 Acq: 28 Jun 2019 12:00

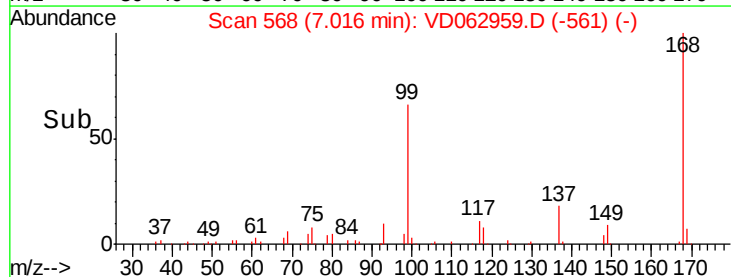
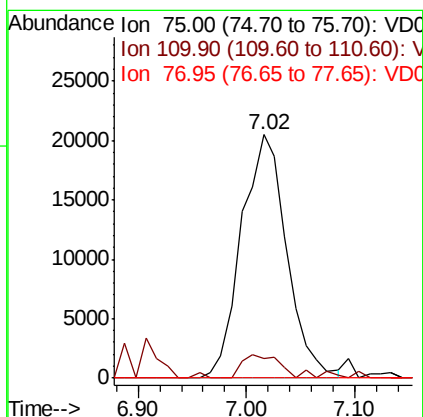
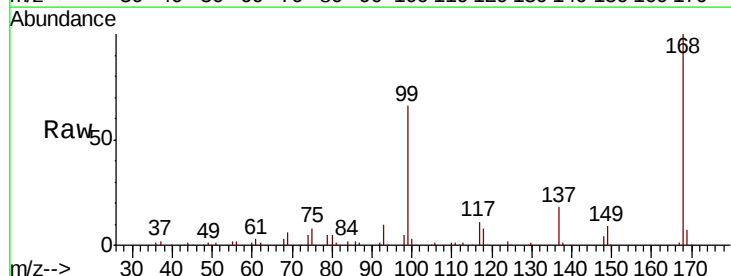
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-9.5-10.0

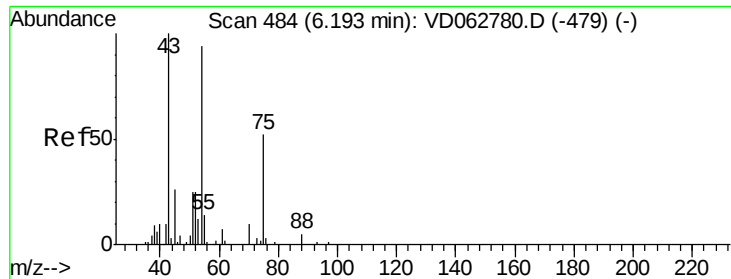
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.2	121.8
192	15.3	12.9	19.3



#36
 1,1-Dichloropropene
 Concen: 6.150 ug/l
 RT: 7.02 min Scan# 568
 Delta R.T. -0.13 min
 Lab File: VD062959.D
 Acq: 28 Jun 2019 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.9	15.0	45.1#
77	0.0	22.2	33.2#





#37

Ethyl Acetate

Concen: 1.473 ug/l

RT: 6.14 min Scan# 479

Delta R.T. -0.05 min

Lab File: VD062959.D

Acq: 28 Jun 2019 12:00

Instrument :

MSVOA_D

ClientSampleId :

SB-05-9.5-10.0

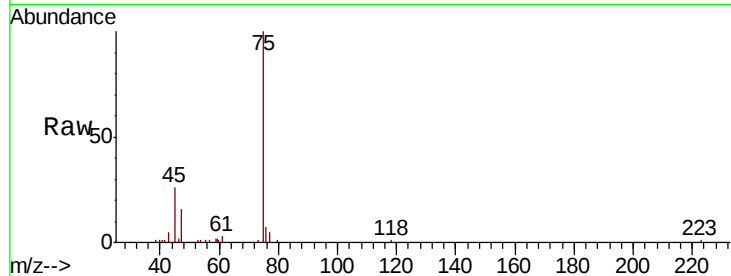
Tot Ion: 43 Resp: 10359

Ion Ratio Lower Upper

43 100

61 71.4 11.6 17.4#

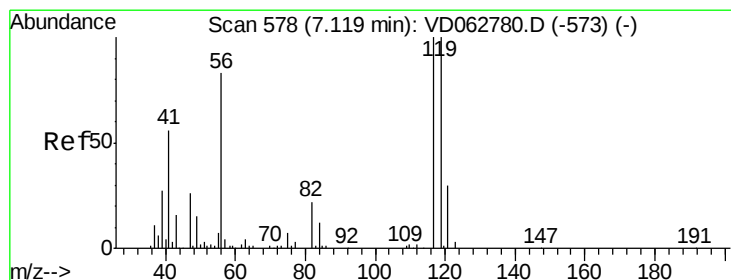
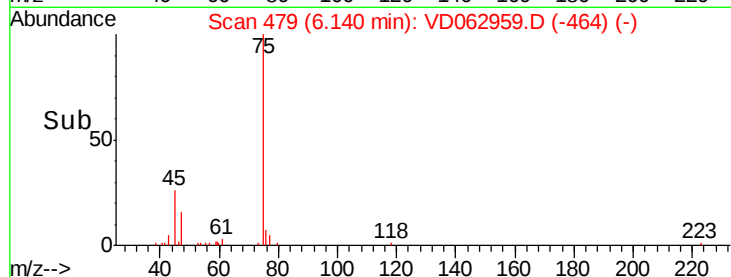
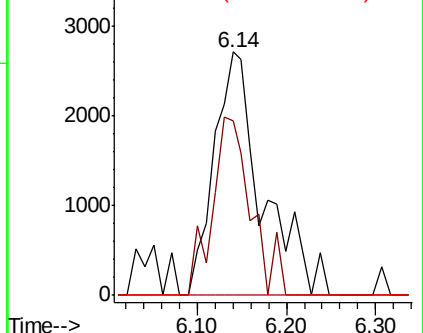
70 0.0 6.4 9.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 5.101 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.10 min

Lab File: VD062959.D

Acq: 28 Jun 2019 12:00

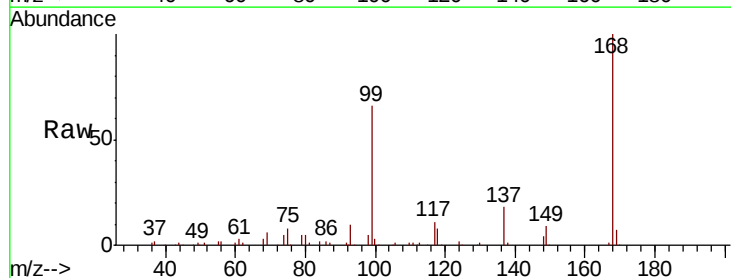
Tgt Ion: 117 Resp: 74429

Ion Ratio Lower Upper

117 100

119 4.2 75.4 113.2#

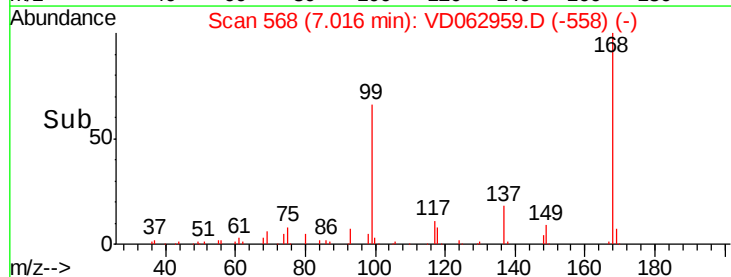
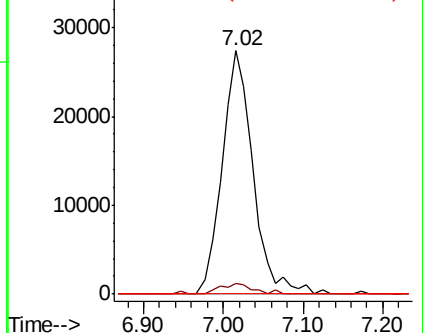
121 0.0 22.3 33.5#

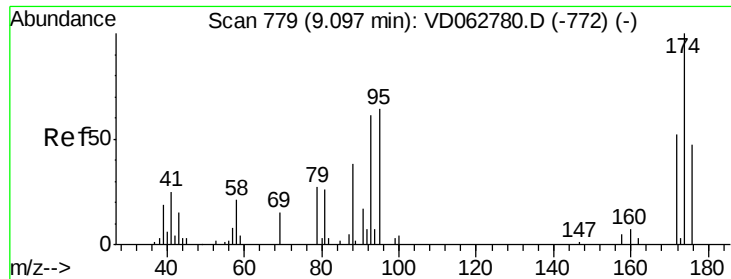


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

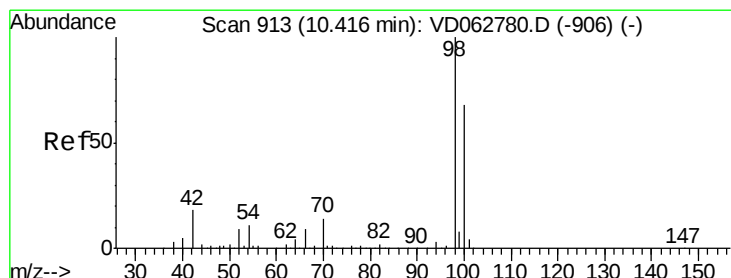
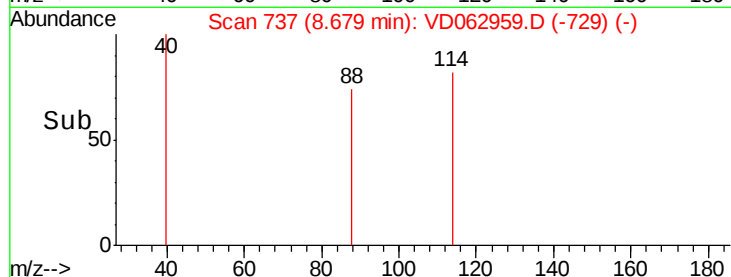
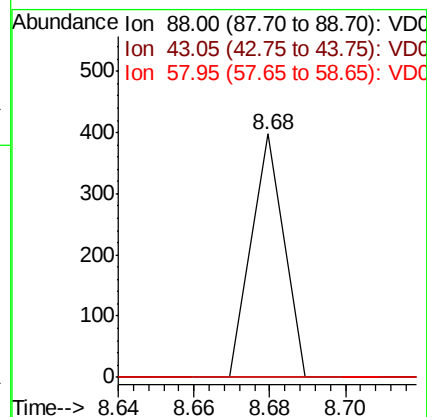
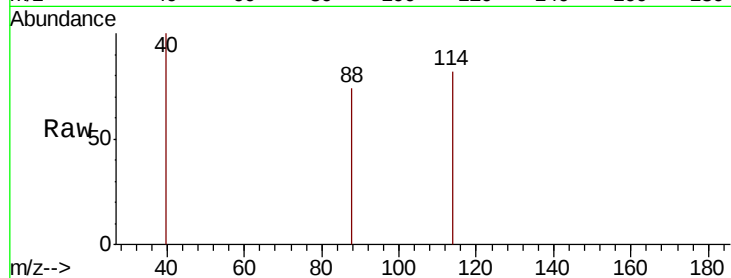




#49
1,4-Dioxane
Concen: 7.815 ug/l
RT: 8.68 min Scan# 737
Delta R.T. -0.42 min
Lab File: VD062959.D
Acq: 28 Jun 2019 12:00

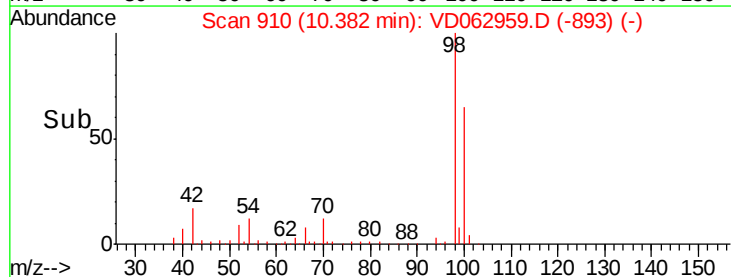
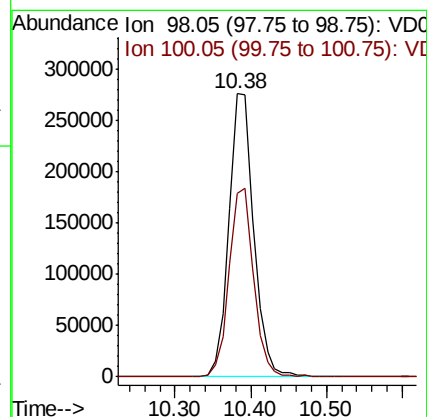
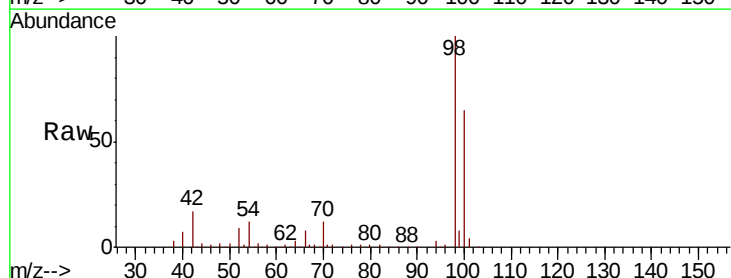
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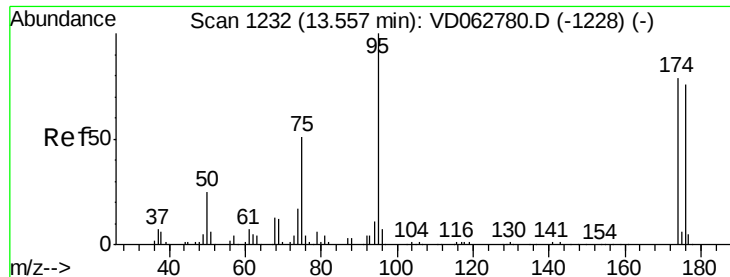
Tot Ion: 88 Resp: 235
Ion Ratio Lower Upper
88 100
43 0.0 32.1 48.1#
58 0.0 44.1 66.1#



#50
Toluene-d8
Concen: 33.335 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062959.D
Acq: 28 Jun 2019 12:00

Tgt Ion: 98 Resp: 626987
Ion Ratio Lower Upper
98 100
100 64.7 54.7 82.1

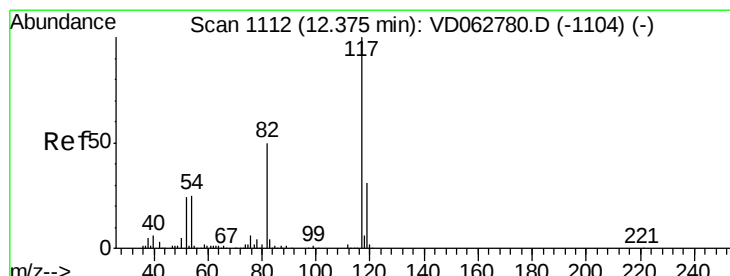
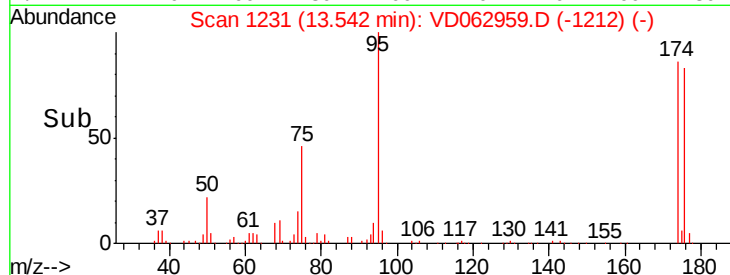
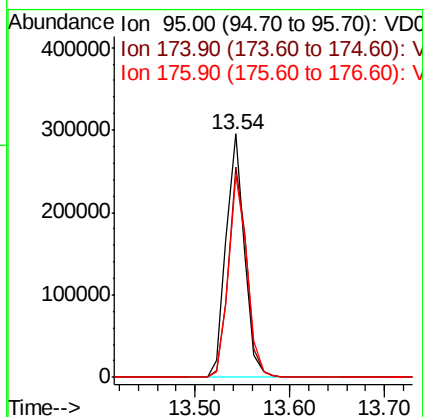
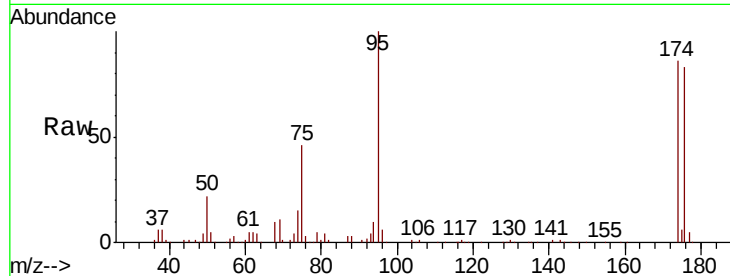




#62
4-Bromofluorobenzene
Concen: 46.138 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062959.D
Acq: 28 Jun 2019 12:00

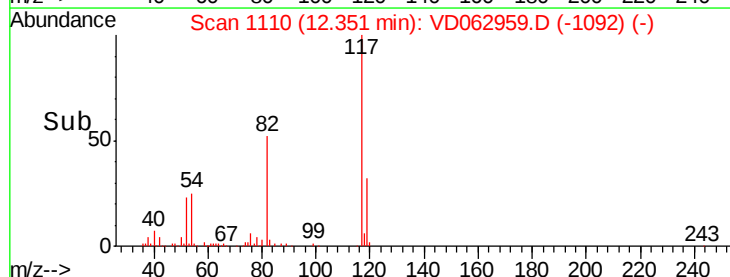
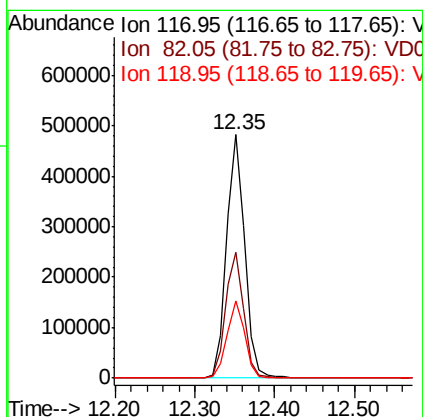
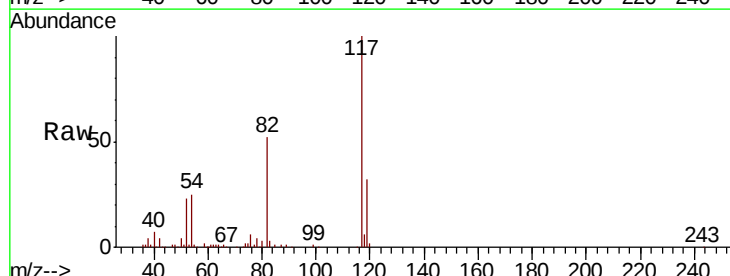
Instrument :
MSVOA_D
ClientSampleId :
SB-05-9.5-10.0

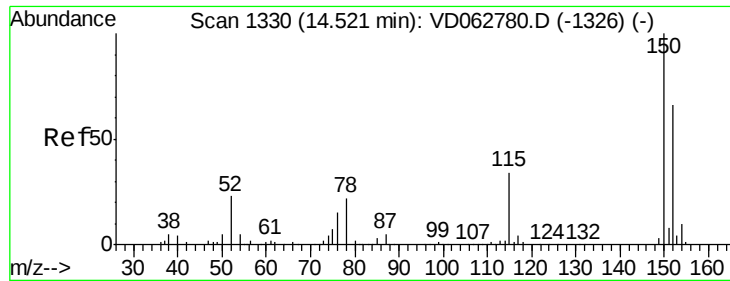
Tot Ion: 95 Resp: 394585
Ion Ratio Lower Upper
95 100
174 86.4 0.0 158.0
176 83.3 0.0 151.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062959.D
Acq: 28 Jun 2019 12:00

Tgt Ion: 117 Resp: 780721
Ion Ratio Lower Upper
117 100
82 51.6 40.4 60.6
119 31.8 25.2 37.8



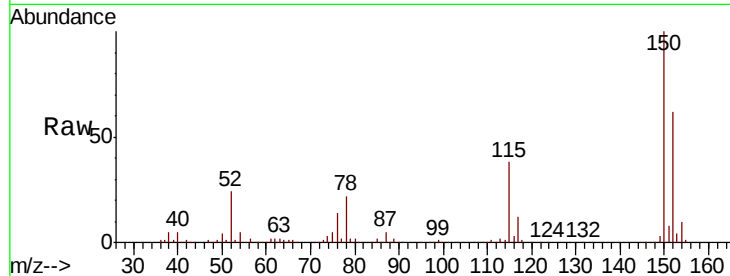


#72

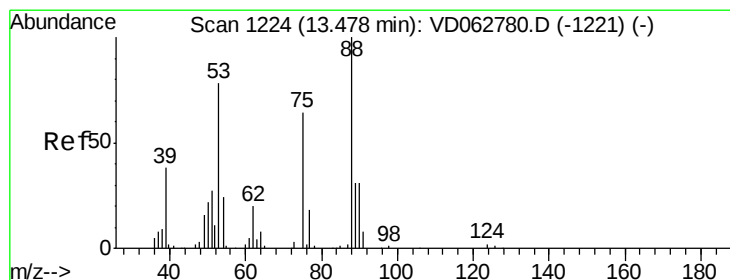
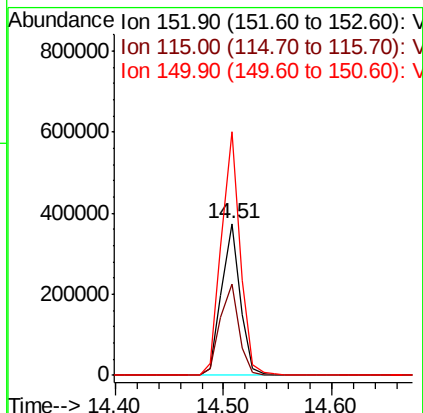
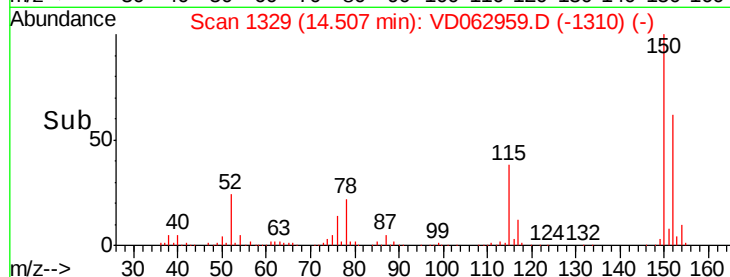
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062959.D
Acq: 28 Jun 2019 12:00

Instrument :
MSVOA_D
ClientSampleId :
SB-05-9.5-10.0

Tot Ion:152 Resp: 451192
Ion Ratio Lower Upper
152 100
115 60.1 29.2 87.6
150 160.1 0.0 305.8



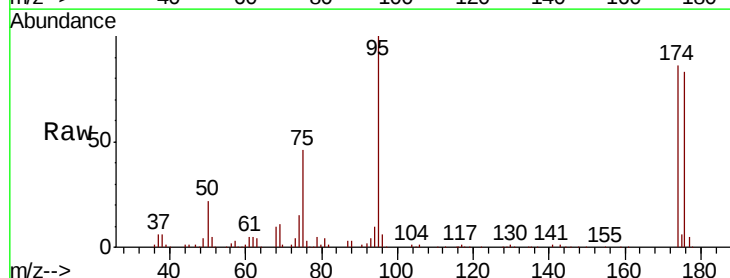
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene
Concen: 130.437 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.06 min
Lab File: VD062959.D
Acq: 28 Jun 2019 12:00

Tgt Ion: 75 Resp: 178062
Ion Ratio Lower Upper
75 100
53 0.0 97.8 146.8#
89 0.0 39.4 59.2#



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

