

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062900.D
 Acq On : 26 Jun 2019 3:30
 Operator : VA/AP
 Sample : K3528-03
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-07-9.5-10.0

Quant Time: Jun 26 05:39:25 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	7.05	168	730580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1009980	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	830610	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	428756	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	382251	48.13	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	96.26%	
35) Dibromofluoromethane	6.93	113	425327	49.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.88%	
50) Toluene-d8	10.42	98	836419	45.13	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.26%	
62) 4-Bromofluorobenzene	13.56	95	387898	46.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.04%	

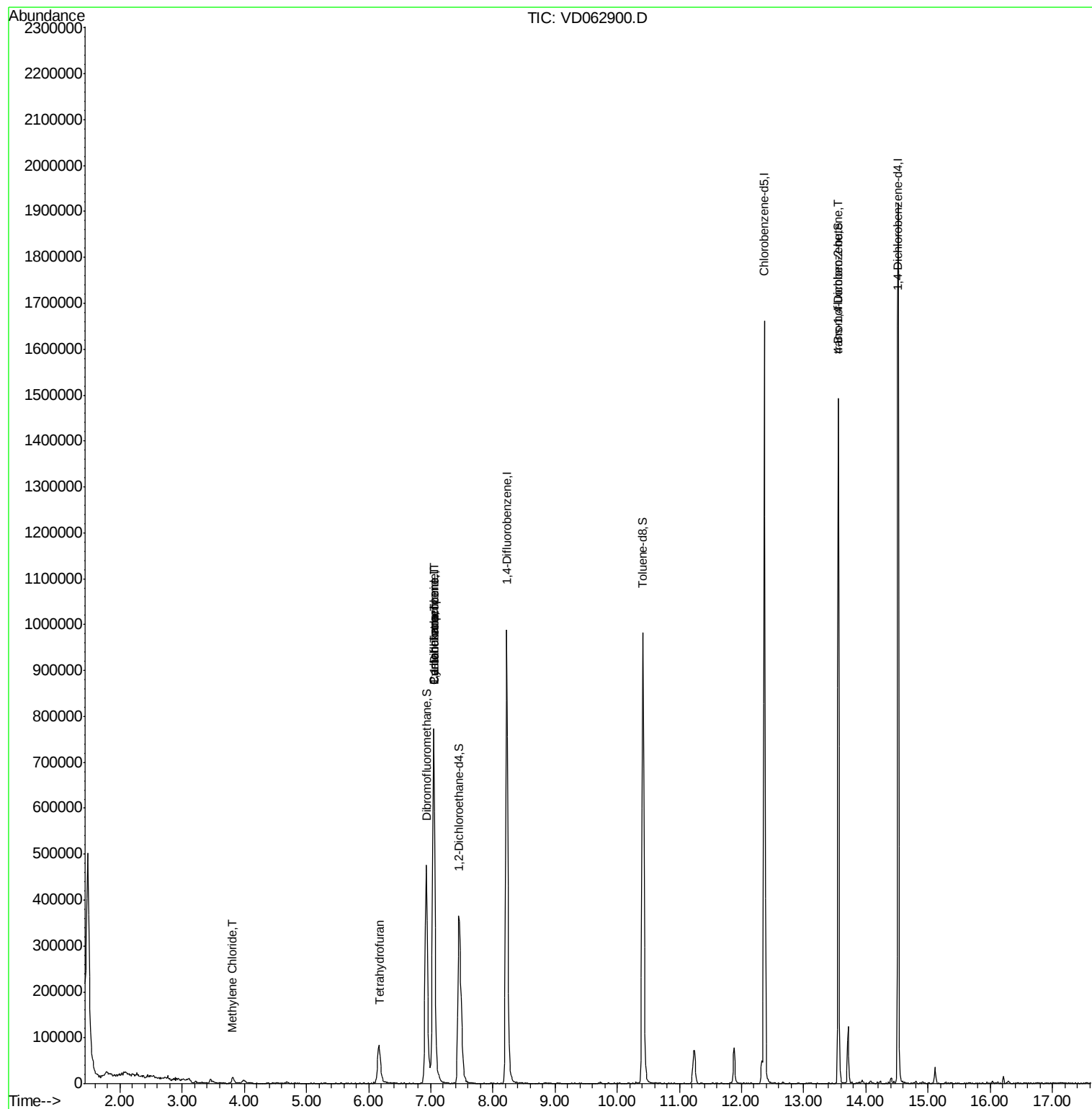
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.22	43	4463	Below Cal	#	64
20) Methylene Chloride	3.82	84	8310	1.372	ug/l #	82
29) Tetrahydrofuran	6.18	42	2354	3.350	ug/l #	39
31) Cyclohexane	7.04	56	17129	2.297	ug/l #	10
36) 1,1-Dichloropropene	7.04	75	60612	6.340	ug/l #	50
38) Carbon Tetrachloride	7.04	117	78104	5.432	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.56	75	195627	150.803	ug/l #	2

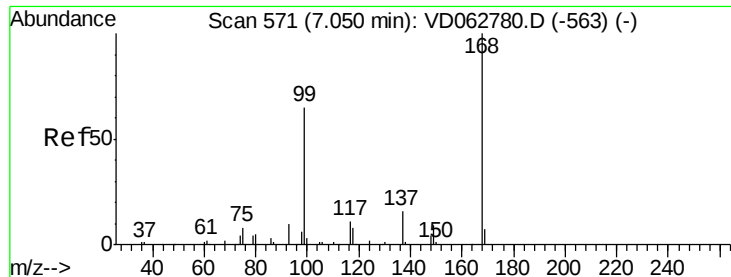
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062519\
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SB-07-9.5-10.0

Quant Time: Jun 26 05:39:25 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: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD062900.D

Acq: 26 Jun 2019 3:30

Instrument :

MSVOA_D

ClientSampleId :

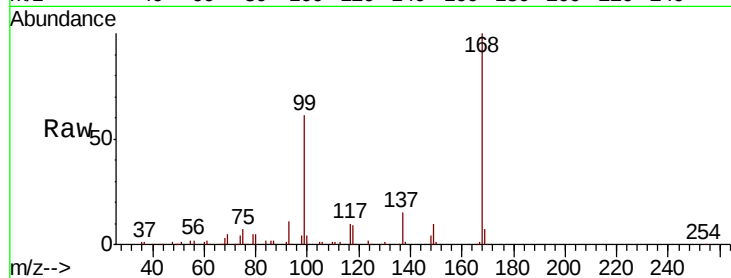
SB-07-9.5-10.0

Tot Ion:168 Resp: 730580

Ion Ratio Lower Upper

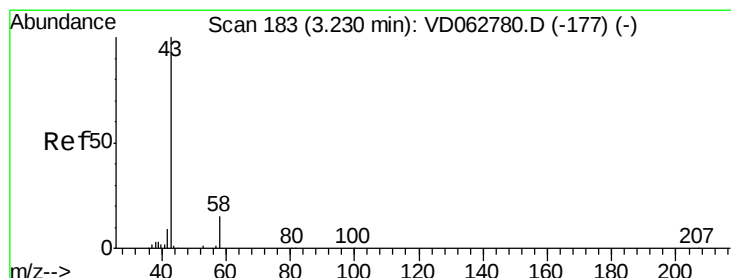
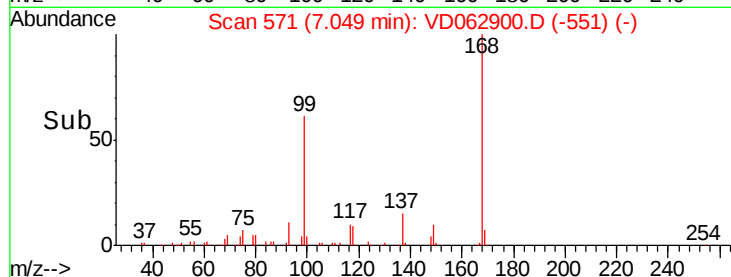
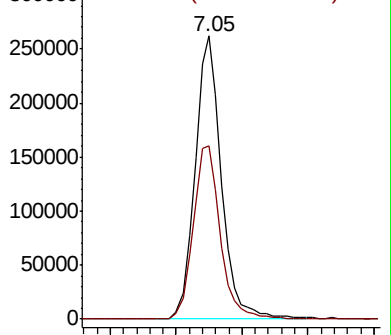
168 100

99 61.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: Below Cal

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD062900.D

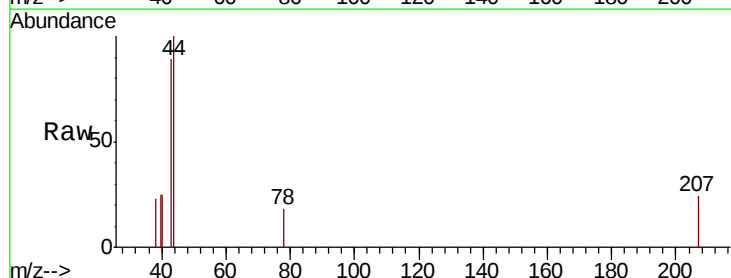
Acq: 26 Jun 2019 3:30

Tgt Ion: 43 Resp: 4463

Ion Ratio Lower Upper

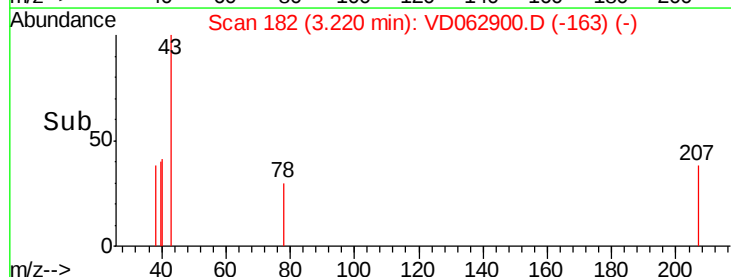
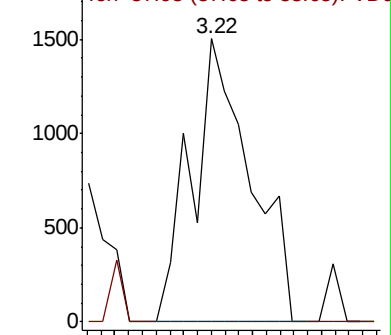
43 100

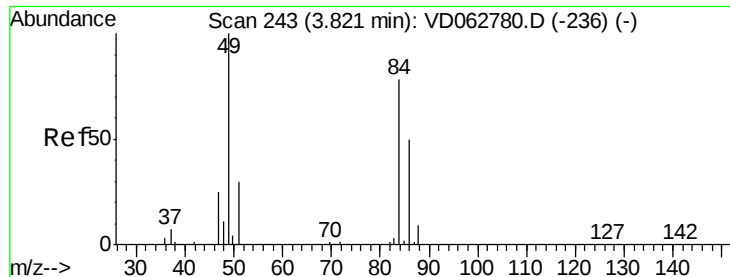
58 0.0 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

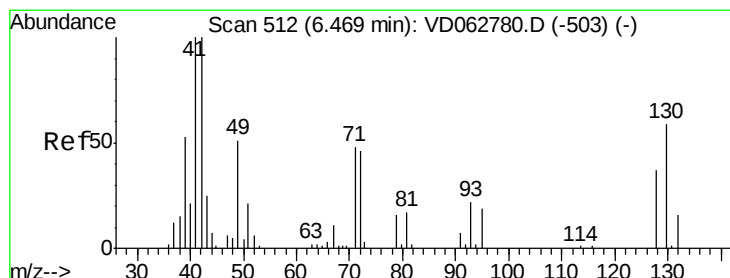
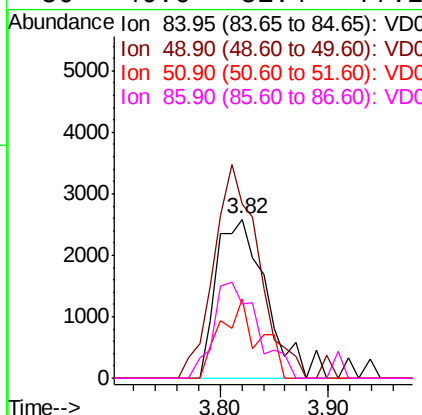
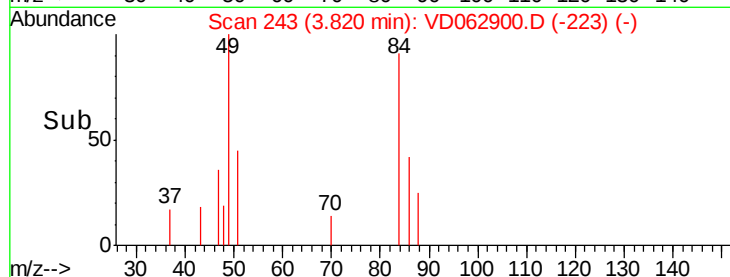
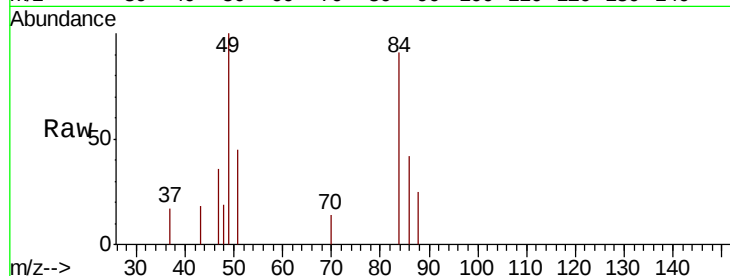




#20
Methvlene Chloride
Concen: 1.372 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.00 min
Lab File: VD062900.D
Acq: 26 Jun 2019 3:30

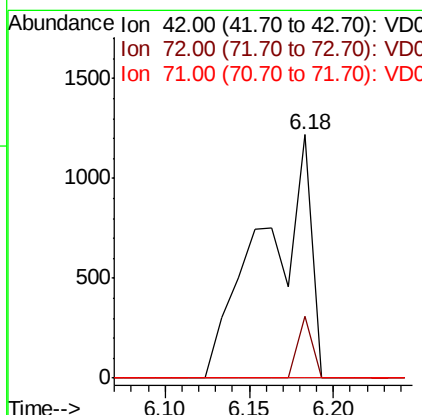
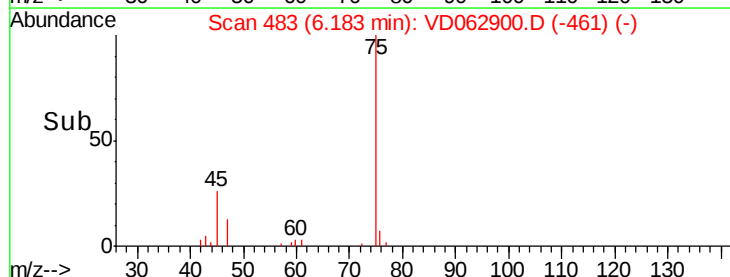
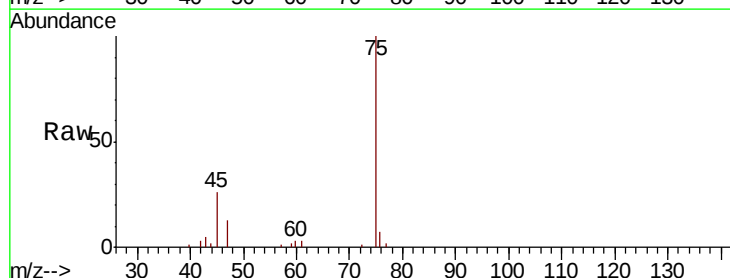
Instrument :
MSVOA_D
ClientSampleId :
SB-07-9.5-10.0

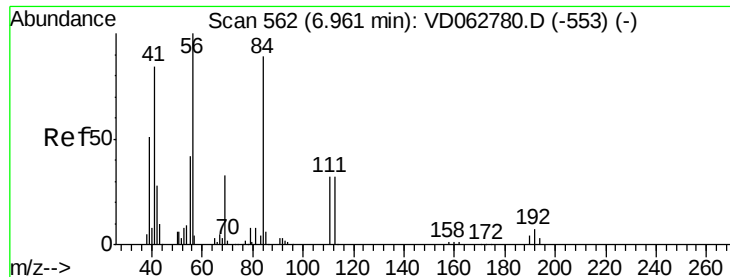
Tot Ion: 84 Resp: 8310
Ion Ratio Lower Upper
84 100
49 109.7 102.9 154.3
51 49.8 31.2 46.8#
86 46.6 51.4 77.2#



#29
Tetrahydrofuran
Concen: 3.350 ug/l
RT: 6.18 min Scan# 483
Delta R.T. -0.29 min
Lab File: VD062900.D
Acq: 26 Jun 2019 3:30

Tgt Ion: 42 Resp: 2354
Ion Ratio Lower Upper
42 100
72 7.7 35.0 52.6#
71 0.0 33.3 49.9#

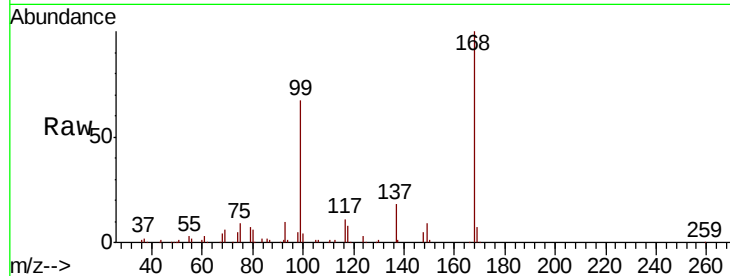




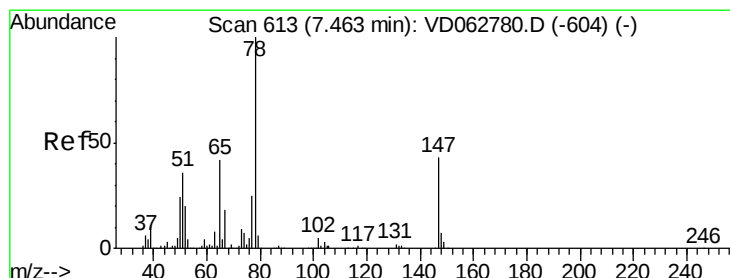
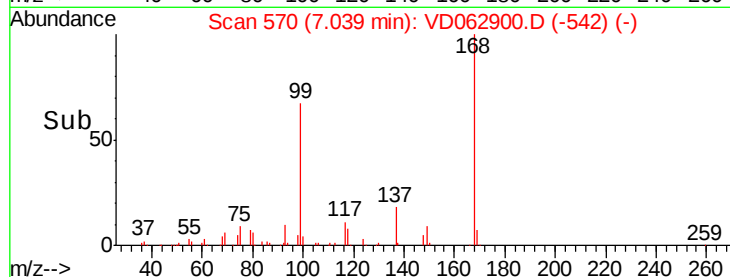
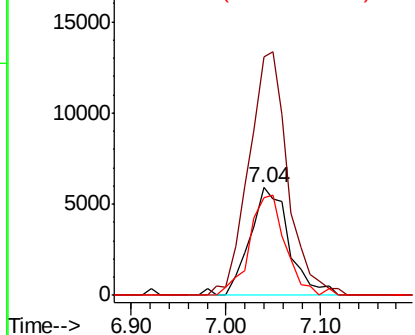
#31
Cyclohexane
Concen: 2.297 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.08 min
Lab File: VD062900.D
Acq: 26 Jun 2019 3:30

Instrument :
MSVOA_D
ClientSampleId :
SB-07-9.5-10.0

Tot Ion: 56 Resp: 17129
Ion Ratio Lower Upper
56 100
69 221.7 26.6 39.8#
84 90.4 75.5 113.3

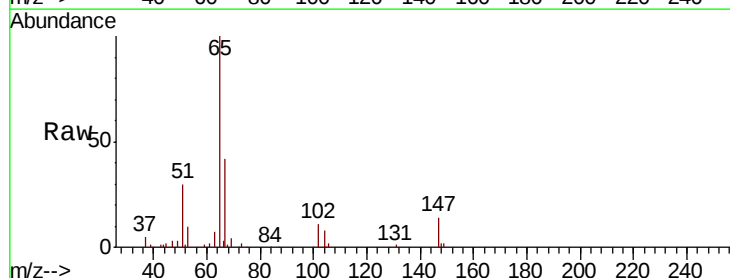


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

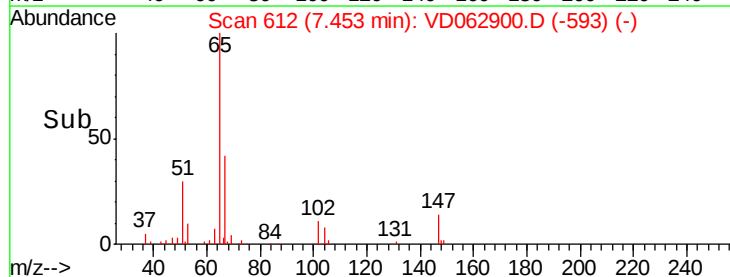
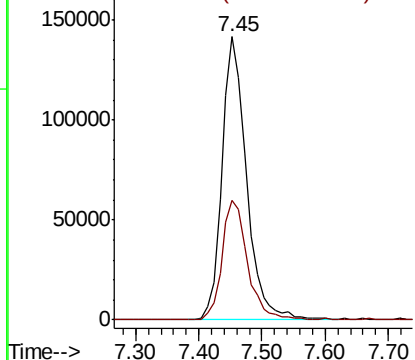


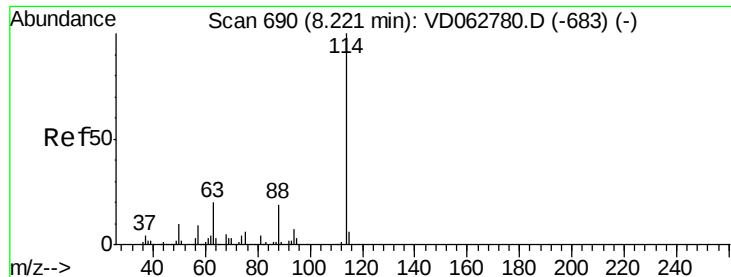
#33
1,2-Dichloroethane-d4
Concen: 48.135 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD062900.D
Acq: 26 Jun 2019 3:30

Tgt Ion: 65 Resp: 382251
Ion Ratio Lower Upper
65 100
67 42.3 0.0 87.4



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: VD062900.D

Acq: 26 Jun 2019 3:30

Instrument :

MSVOA_D

ClientSampleId :

SB-07-9.5-10.0

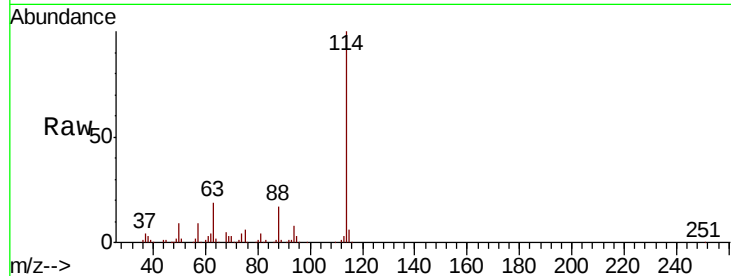
Tot Ion:114 Resp: 1009980

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

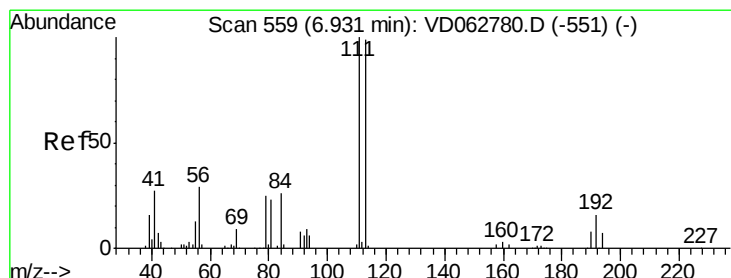
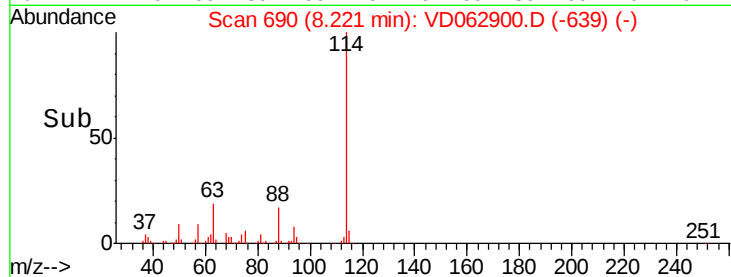
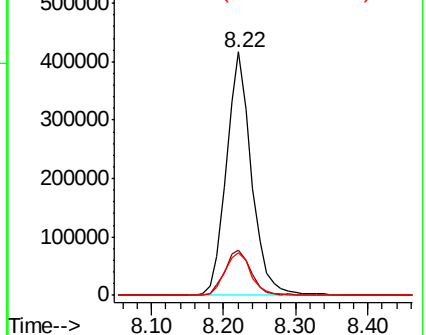
88 17.3 0.0 38.8



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: 49.944 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD062900.D

Acq: 26 Jun 2019 3:30

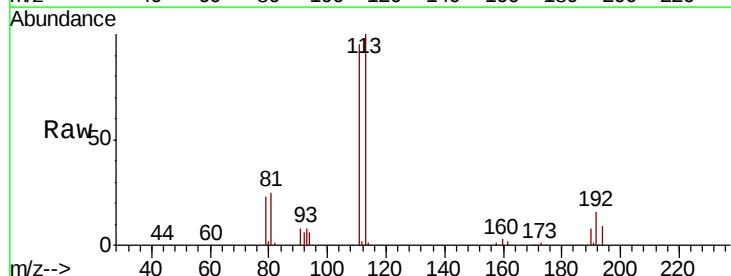
Tgt Ion:113 Resp: 425327

Ion Ratio Lower Upper

113 100

111 95.3 81.2 121.8

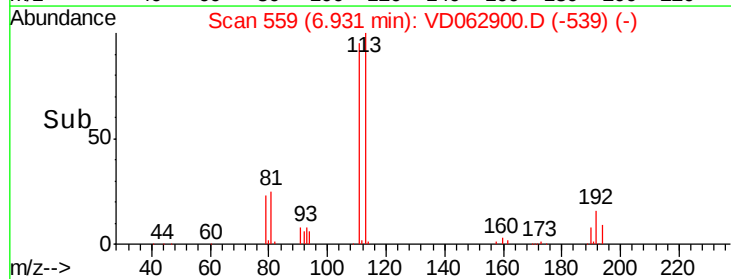
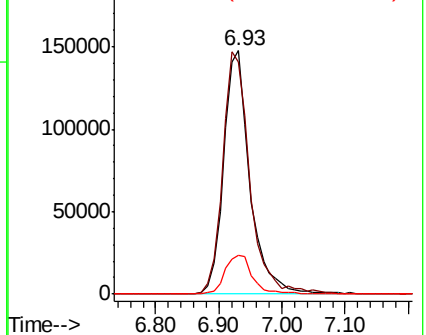
192 16.0 12.9 19.3

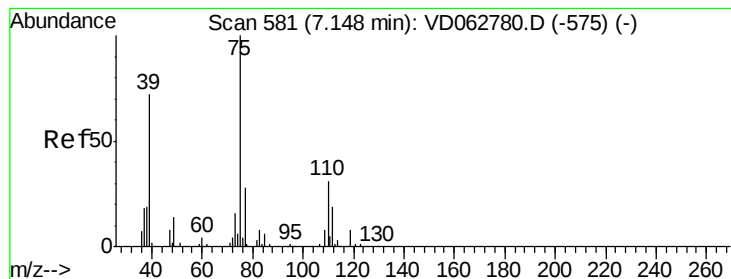


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 6.340 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.11 min

Lab File: VD062900.D

Acq: 26 Jun 2019 3:30

Instrument :

MSVOA_D

ClientSampleId :

SB-07-9.5-10.0

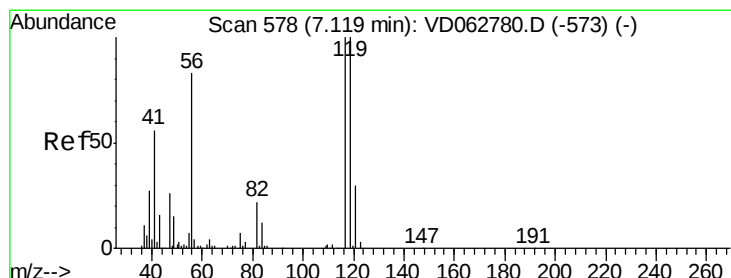
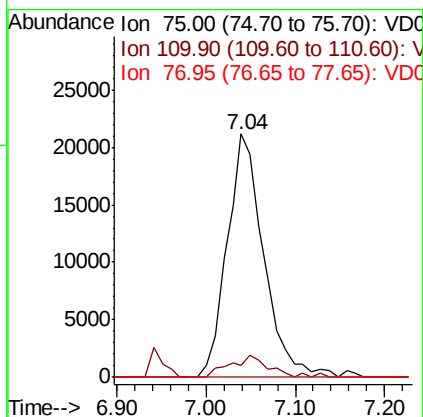
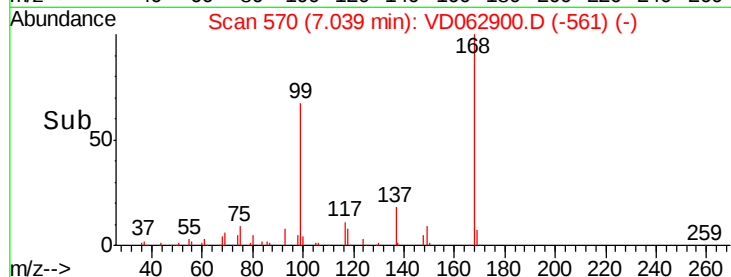
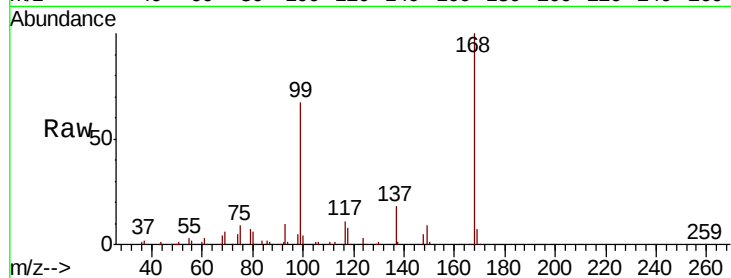
Tot Ion: 75 Resp: 60612

Ion Ratio Lower Upper

75 100

110 4.9 15.0 45.1#

77 0.0 22.2 33.2#



#38

Carbon Tetrachloride

Concen: 5.432 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.08 min

Lab File: VD062900.D

Acq: 26 Jun 2019 3:30

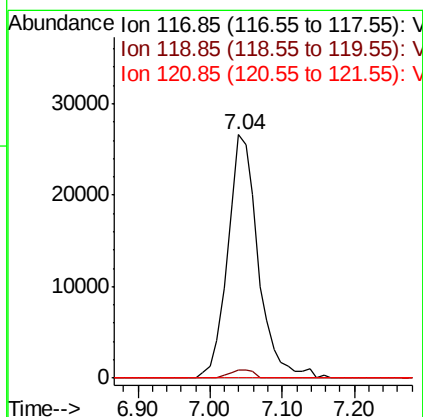
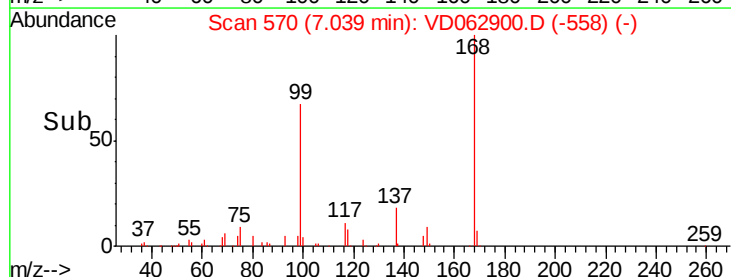
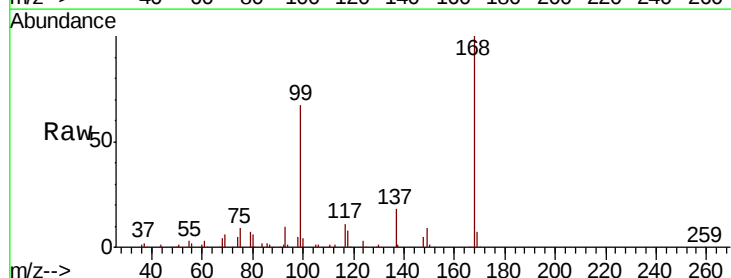
Tgt Ion: 117 Resp: 78104

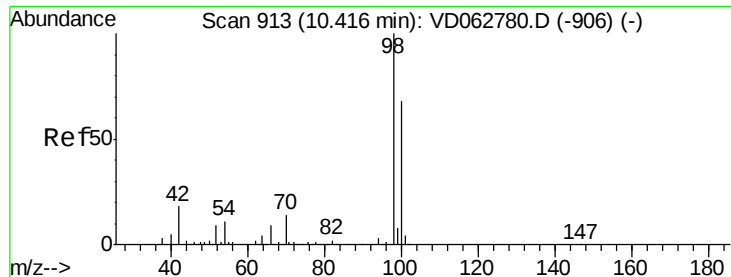
Ion Ratio Lower Upper

117 100

119 3.4 75.4 113.2#

121 0.0 22.3 33.5#

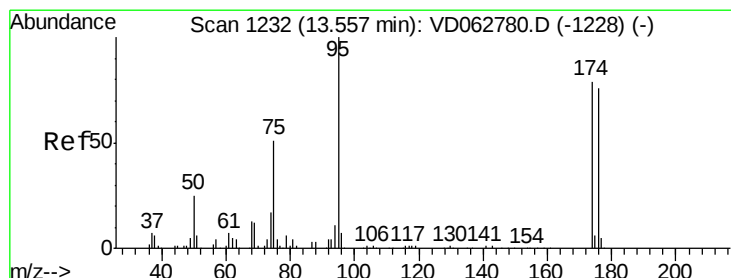
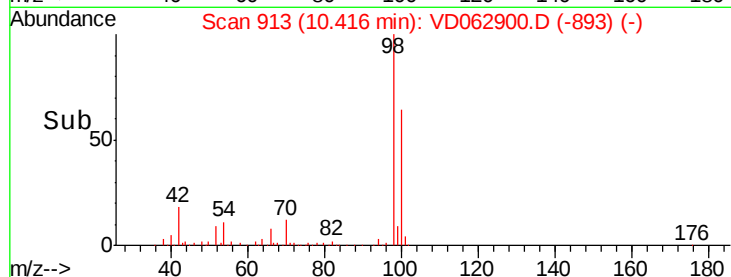
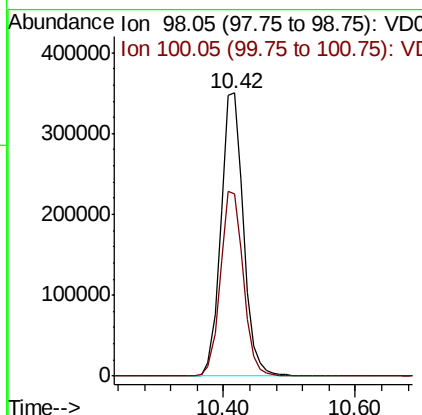
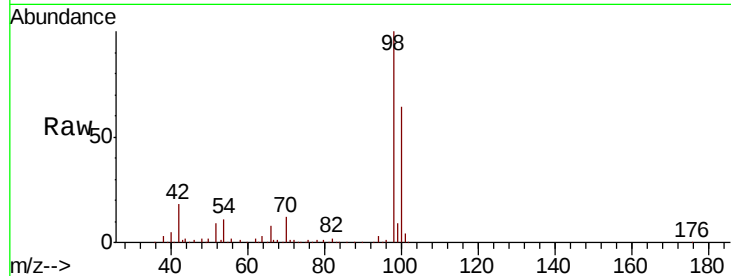




#50
Toluene-d8
Concen: 45.127 ug/l
RT: 10.42 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062900.D
Acq: 26 Jun 2019 3:30

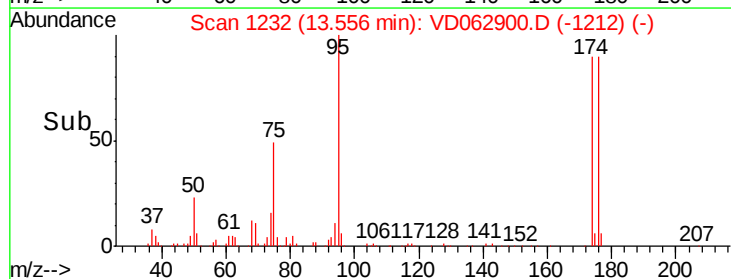
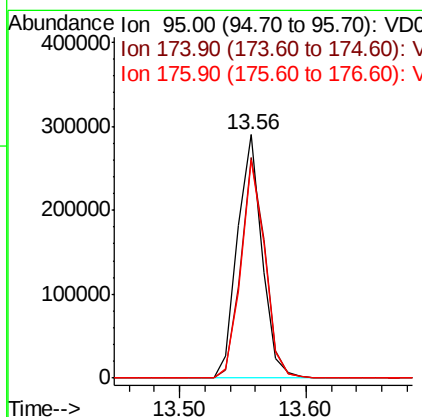
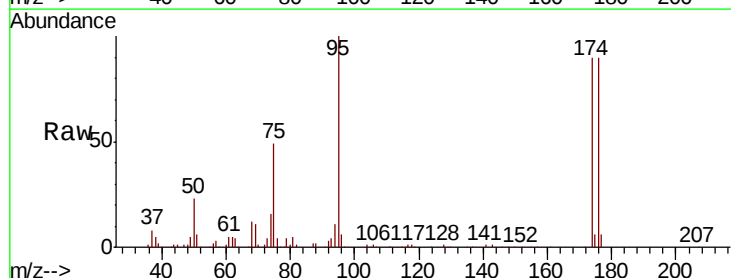
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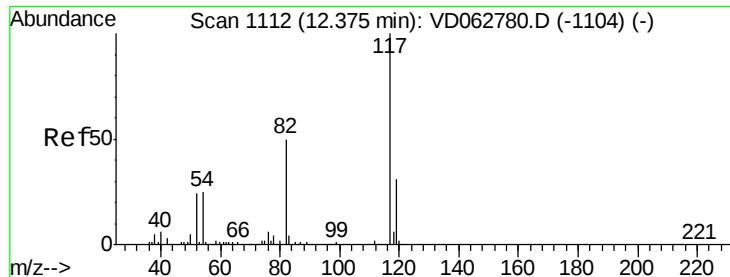
Tot Ion: 98 Resp: 836419
Ion Ratio Lower Upper
98 100
100 64.2 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 46.025 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062900.D
Acq: 26 Jun 2019 3:30

Tgt Ion: 95 Resp: 387898
Ion Ratio Lower Upper
95 100
174 90.4 0.0 158.0
176 89.5 0.0 151.6

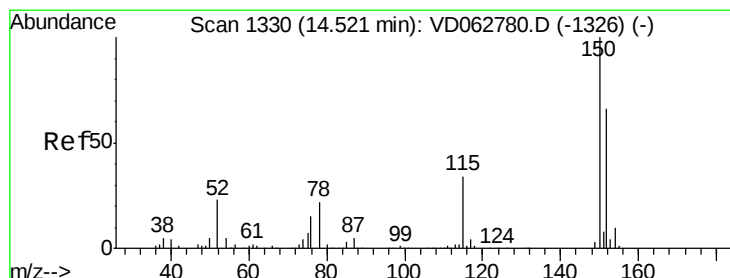
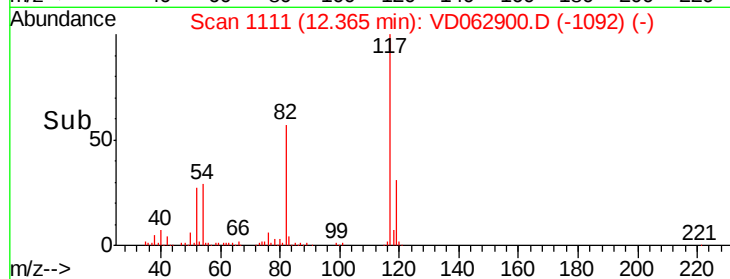
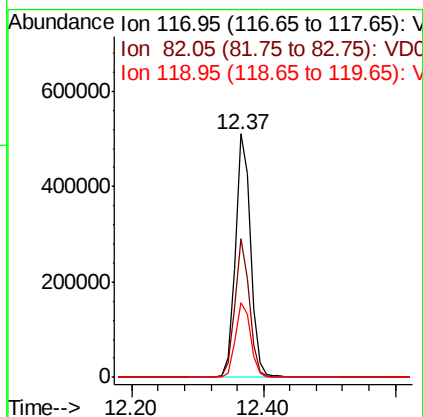
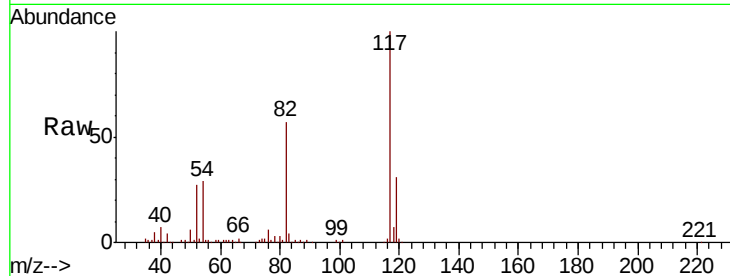




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062900.D
Acq: 26 Jun 2019 3:30

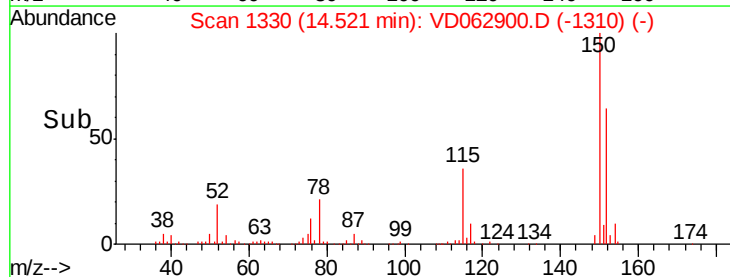
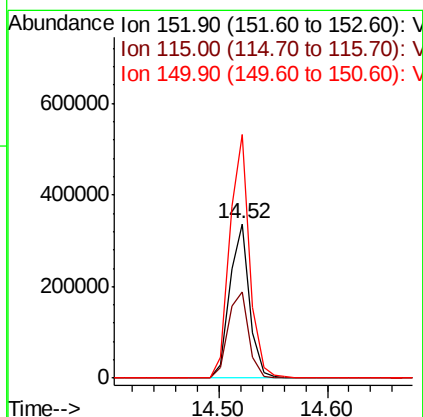
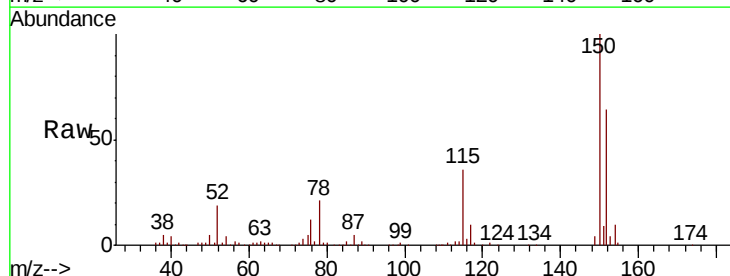
Instrument :
MSVOA_D
ClientSampleId :
SB-07-9.5-10.0

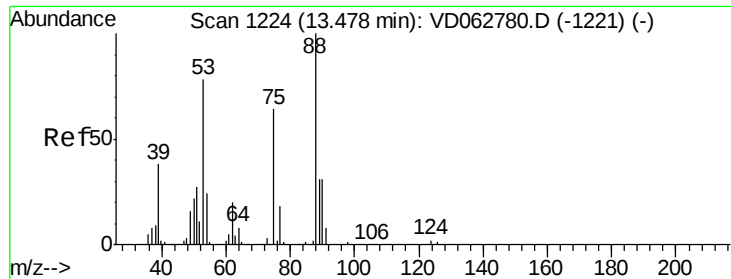
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	40.4	60.6
119	30.7	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062900.D
Acq: 26 Jun 2019 3:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	29.2	87.6
150	157.4	0.0	305.8





#81

trans-1,4-Dichloro-2-butene

Concen: 150.803 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD062900.D

Acq: 26 Jun 2019 3:30

Instrument :

MSVOA_D

ClientSampleId :

SB-07-9.5-10.0

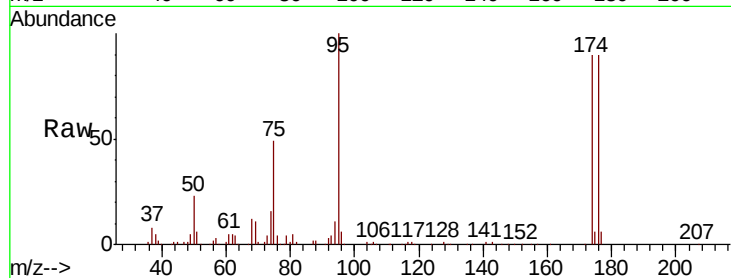
Tot Ion: 75 Resp: 195627

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

