

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062719\
 Data File : VD062931.D
 Acq On : 27 Jun 2019 15:05
 Operator : VA/AP
 Sample : K3518-01RE
 Misc : 5.09g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 28 02:21:06 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	740140	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	1018514	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	648023	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	261017	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	446167	55.46	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	110.92%	
35) Dibromofluoromethane	6.90	113	505554	58.87	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	117.74%	
50) Toluene-d8	10.39	98	735818	39.37	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	78.74%	
62) 4-Bromofluorobenzene	13.54	95	304608	35.84	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	71.68%	

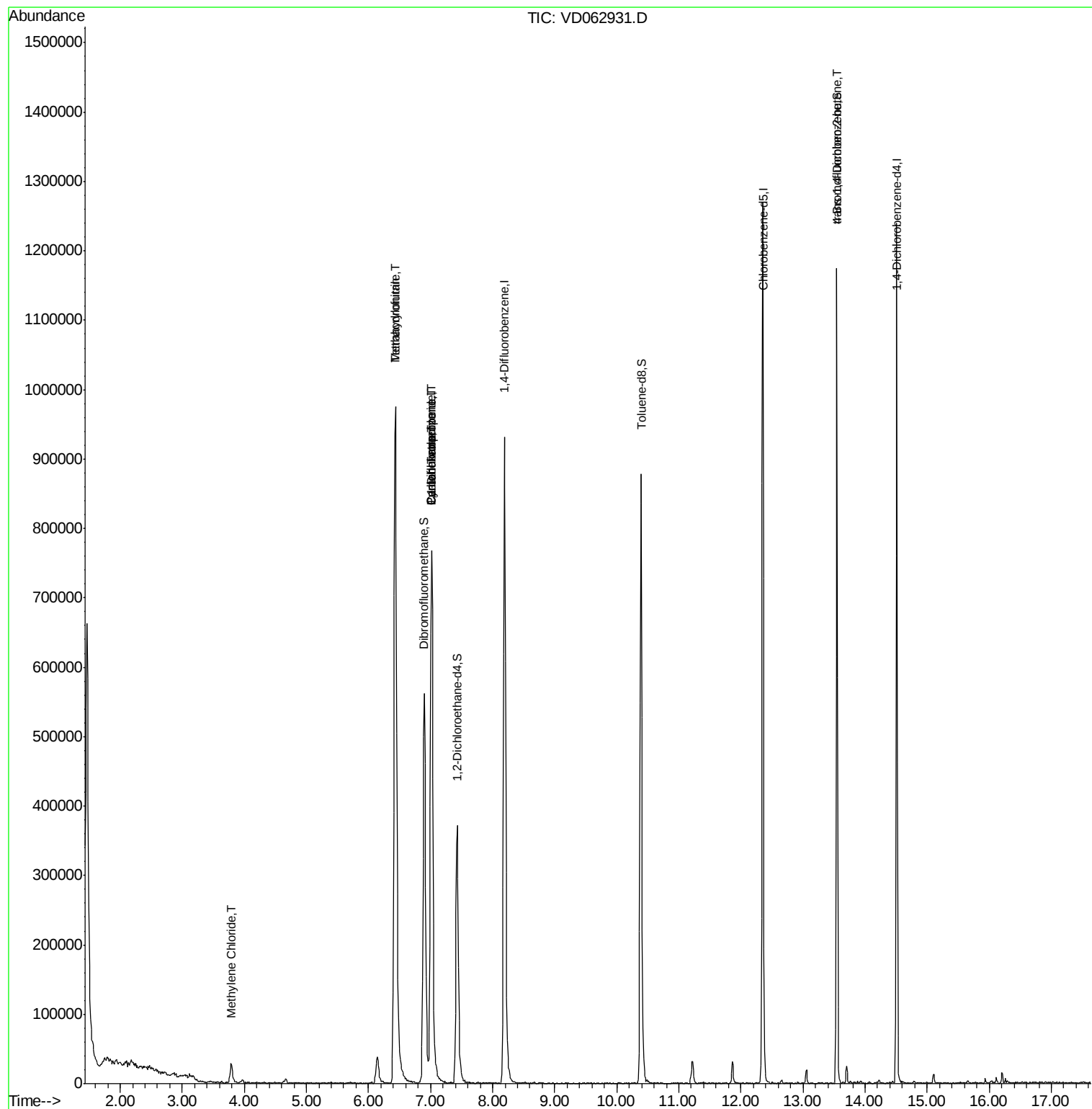
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.20	43	7559	Below Cal	#	64
20) Methylene Chloride	3.79	84	15052	2.453	ug/l #	86
29) Tetrahydrofuran	6.44	42	830332	1166.309	ug/l	98
31) Cyclohexane	7.02	56	16298	2.157	ug/l #	24
36) 1,1-Dichloropropene	7.02	75	56814	5.893	ug/l #	55
37) Ethyl Acetate	6.14	43	3577	Below Cal	#	25
38) Carbon Tetrachloride	7.03	117	72882	5.026	ug/l #	18
41) Methacrylonitrile	6.44	41	629816	123.866	ug/l #	78
81) trans-1,4-Dichloro-2-buten	13.54	75	141715	179.448	ug/l #	2

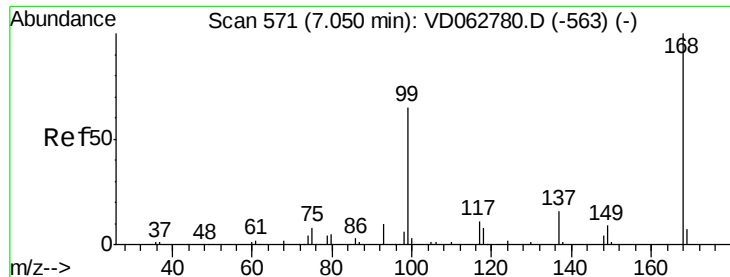
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062719\
Data File : VD062931.D
Acq On : 27 Jun 2019 15:05
Operator : VA/AP
Sample : K3518-01RE
Misc : 5.09g/5ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 28 02:21:06 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: VD062931.D

Acq: 27 Jun 2019 15:05

Instrument :

MSVOA_D

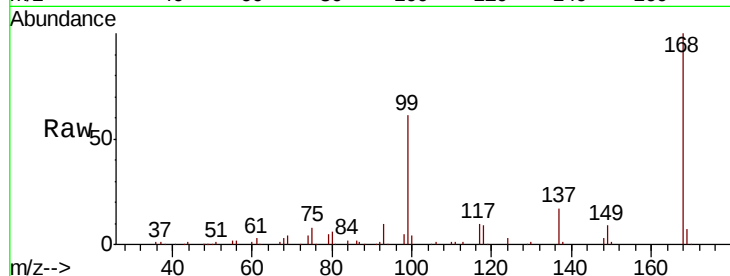
ClientSampleId :

Tot Ion:168 Resp: 740140

Ion Ratio Lower Upper

168 100

99 60.9 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

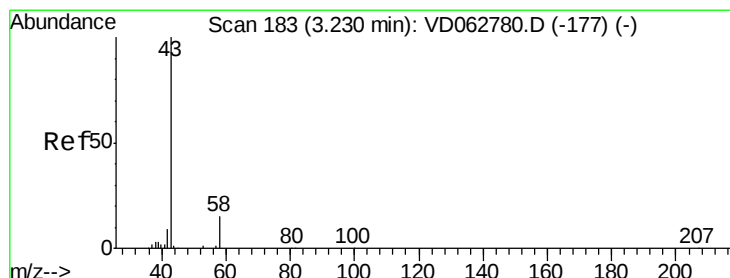
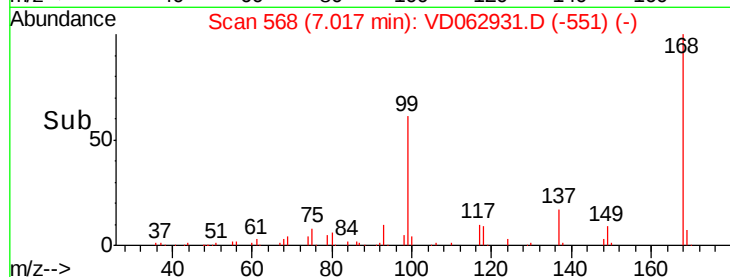
150000

100000

50000

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.20 min Scan# 180

Delta R.T. -0.03 min

Lab File: VD062931.D

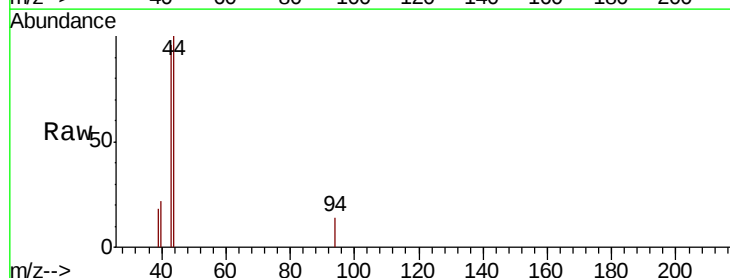
Acq: 27 Jun 2019 15:05

Tgt Ion: 43 Resp: 7559

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

3.20

2500

2000

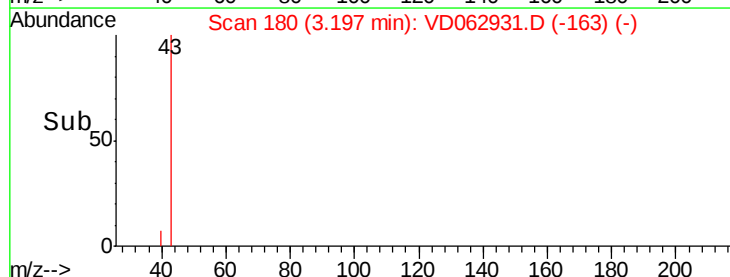
1500

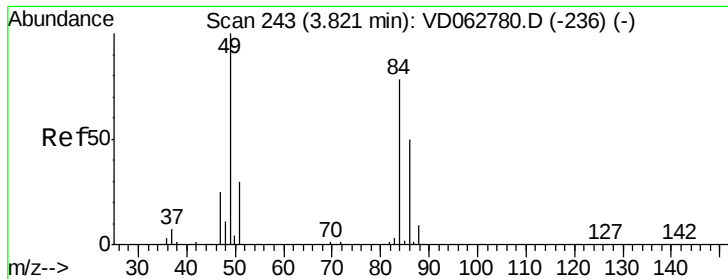
1000

500

0

Time-->

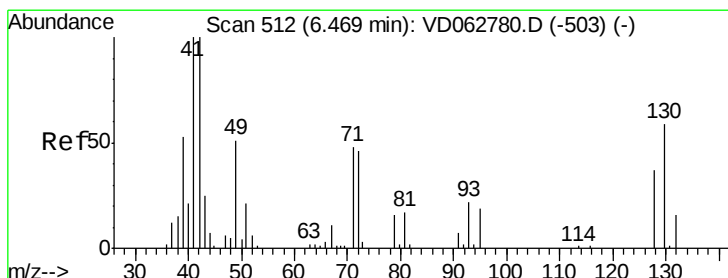
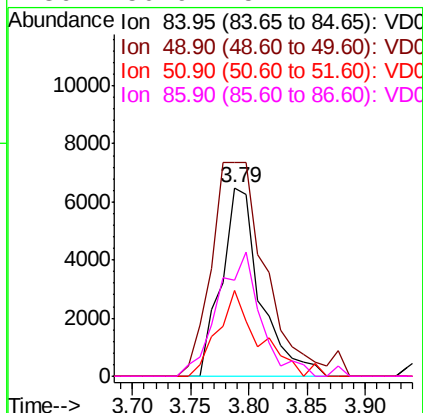
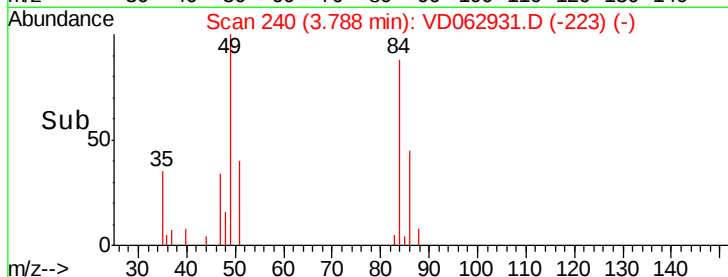
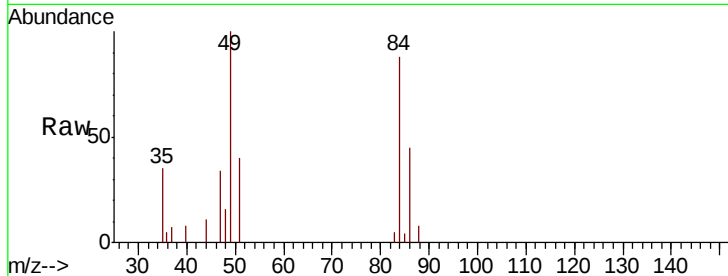




#20
Methvlene Chloride
Concen: 2.453 ug/l
RT: 3.79 min Scan# 240
Delta R.T. -0.03 min
Lab File: VD062931.D
Acq: 27 Jun 2019 15:05

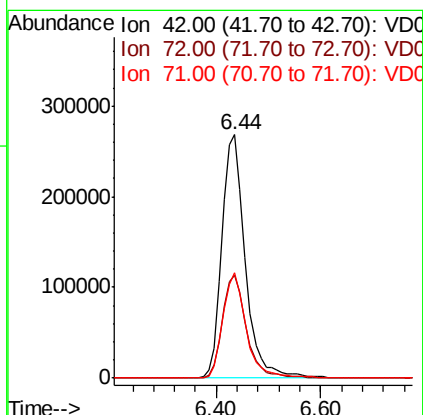
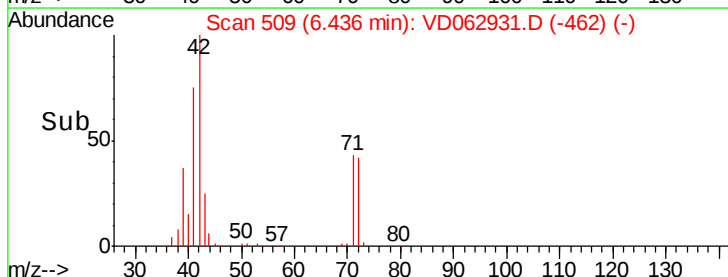
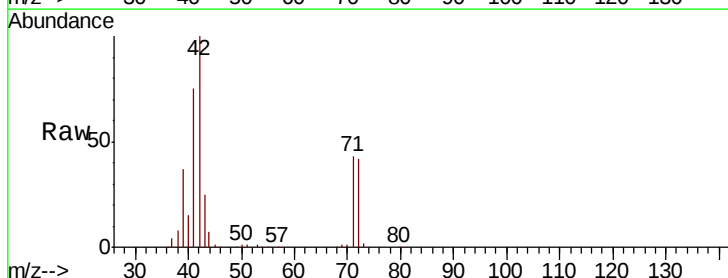
Instrument :
MSVOA_D
ClientSampled :

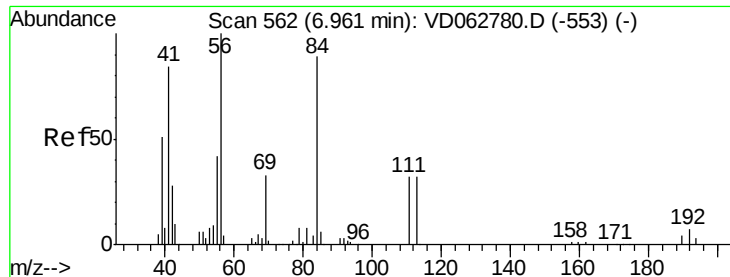
Tot Ion: 84 Resp: 15052
Ion Ratio Lower Upper
84 100
49 113.2 102.9 154.3
51 45.3 31.2 46.8
86 50.9 51.4 77.2#



#29
Tetrahydrofuran
Concen: 1166.309 ug/l
RT: 6.44 min Scan# 509
Delta R.T. -0.03 min
Lab File: VD062931.D
Acq: 27 Jun 2019 15:05

Tgt Ion: 42 Resp: 830332
Ion Ratio Lower Upper
42 100
72 43.2 35.0 52.6
71 43.5 33.3 49.9

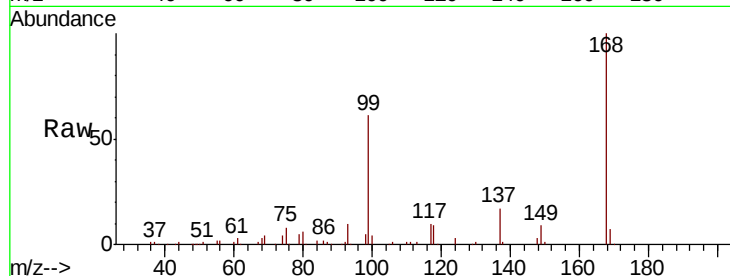




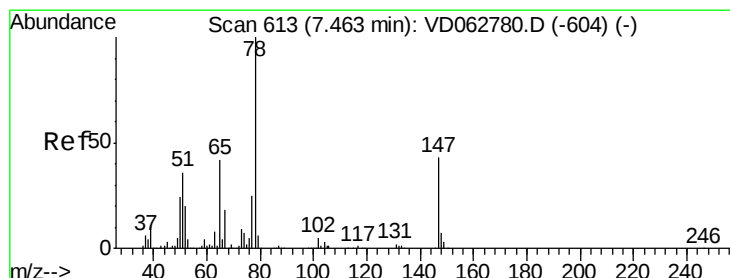
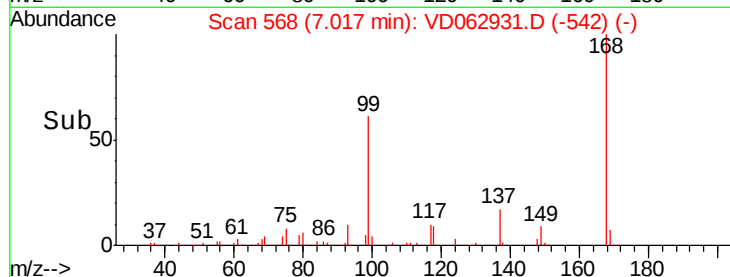
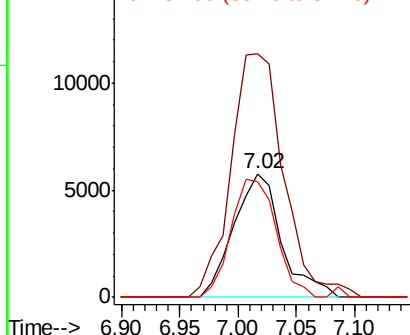
#31
Cvclohexane
Concen: 2.157 ug/l
RT: 7.02 min Scan# 568
Delta R.T. 0.06 min
Lab File: VD062931.D
Acq: 27 Jun 2019 15:05

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 16298
Ion Ratio Lower Upper
56 100
69 197.1 26.6 39.8#
84 93.7 75.5 113.3

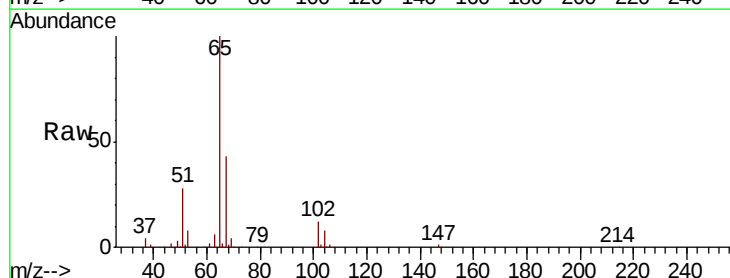


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

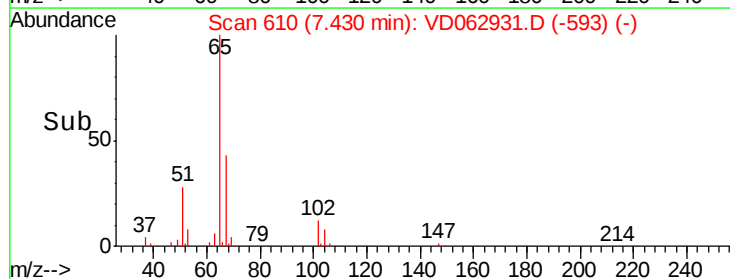
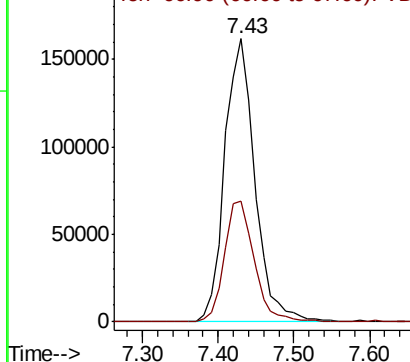


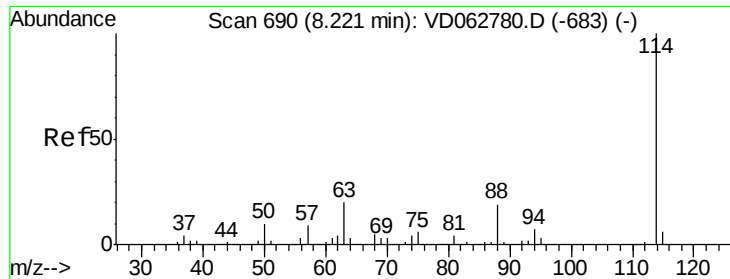
#33
1,2-Dichloroethane-d4
Concen: 55.457 ug/l
RT: 7.43 min Scan# 610
Delta R.T. -0.03 min
Lab File: VD062931.D
Acq: 27 Jun 2019 15:05

Tgt Ion: 65 Resp: 446167
Ion Ratio Lower Upper
65 100
67 42.8 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: 8.20 min Scan# 688

Delta R.T. -0.02 min

Lab File: VD062931.D

Acq: 27 Jun 2019 15:05

Instrument :

MSVOA_D

ClientSampleId :

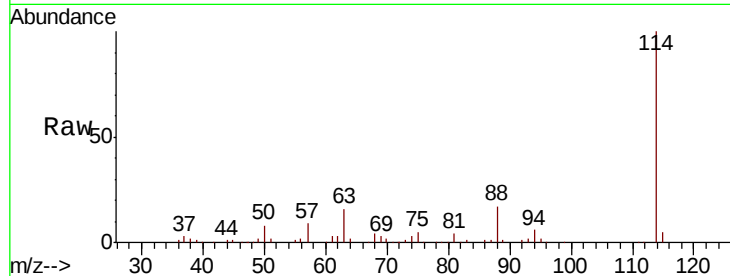
Tot Ion:114 Resp: 1018514

Ion Ratio Lower Upper

114 100

63 16.5 0.0 40.0

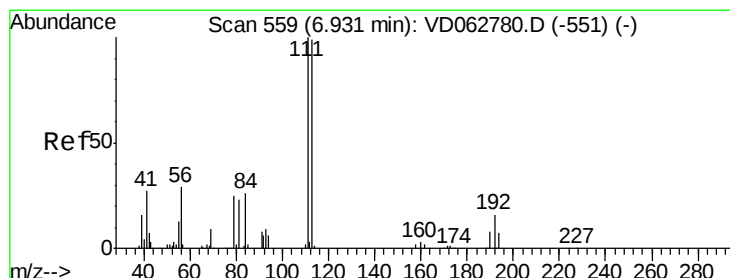
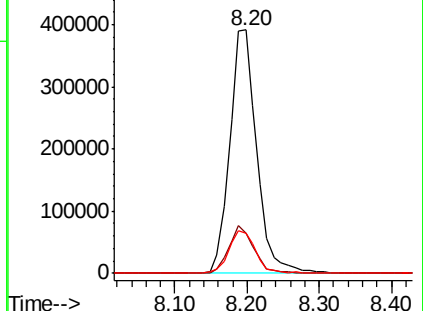
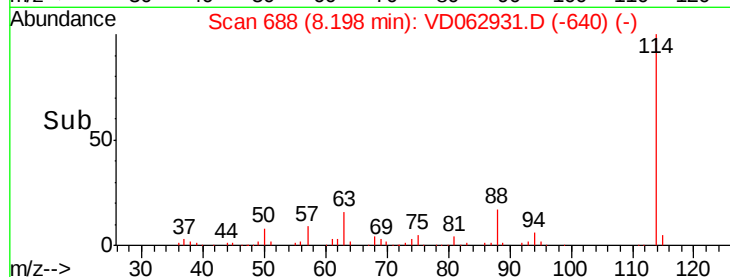
88 16.6 0.0 38.8



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: 58.867 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.03 min

Lab File: VD062931.D

Acq: 27 Jun 2019 15:05

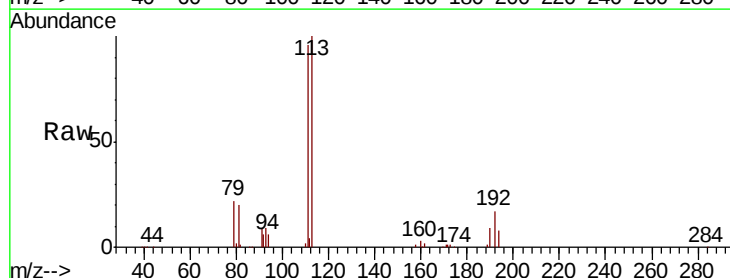
Tgt Ion:113 Resp: 505554

Ion Ratio Lower Upper

113 100

111 96.5 81.2 121.8

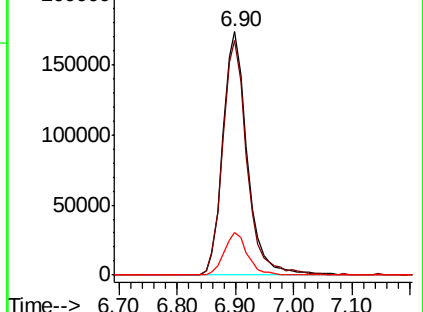
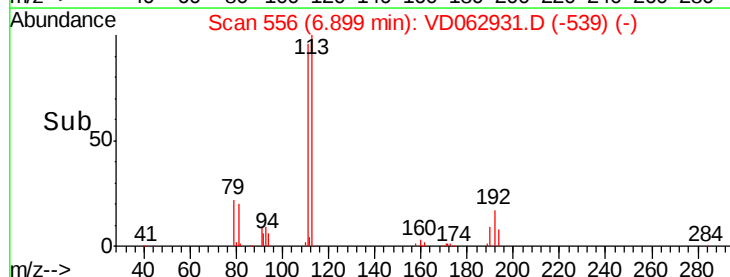
192 17.4 12.9 19.3

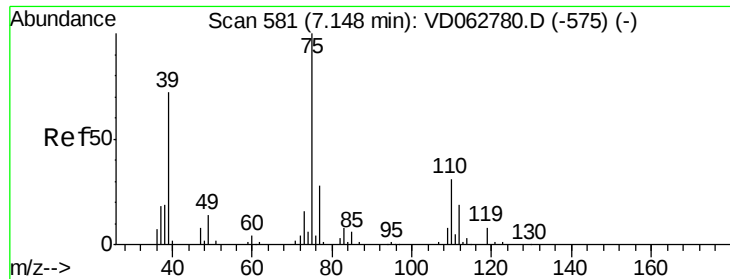


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

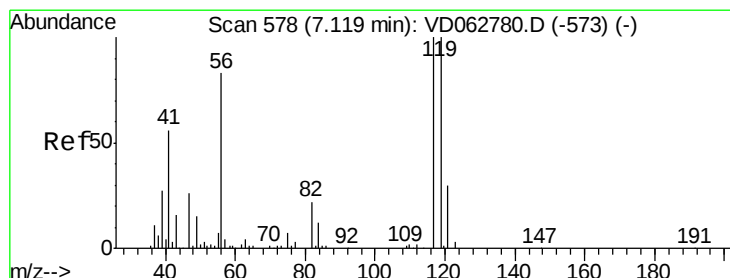
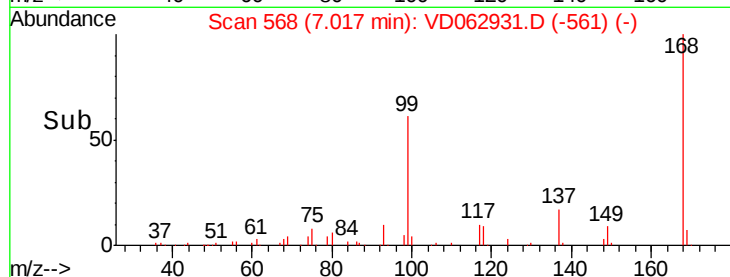
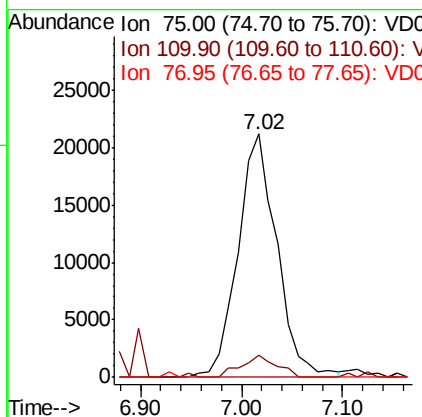
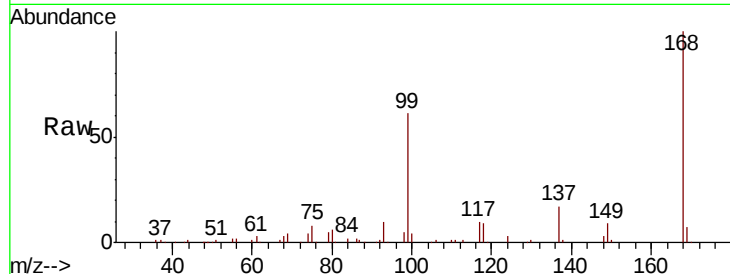




#36
 1,1-Dichloropropene
 Concen: 5.893 ug/l
 RT: 7.02 min Scan# 568
 Delta R.T. -0.13 min
 Lab File: VD062931.D
 Acq: 27 Jun 2019 15:05

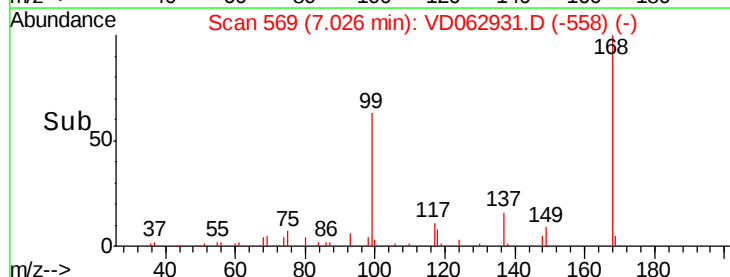
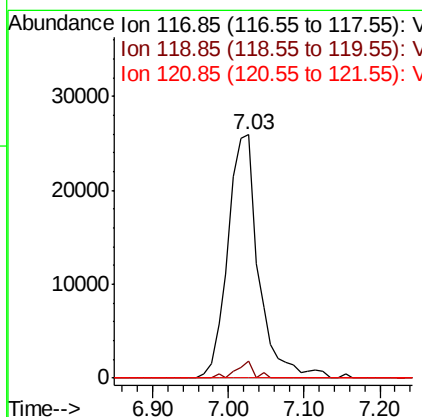
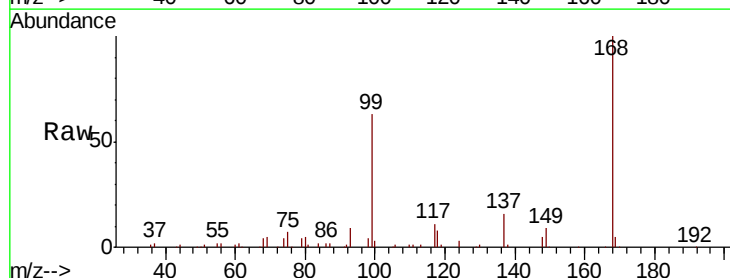
Instrument :
 MSVOA_D
 ClientSampleId :

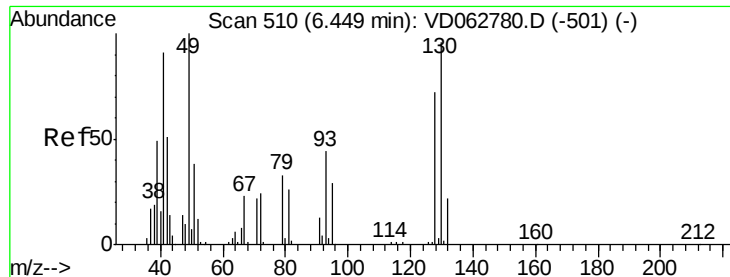
Tot Ion: 75 Resp: 56814
 Ion Ratio Lower Upper
 75 100
 110 9.3 15.0 45.1#
 77 0.0 22.2 33.2#



#38
 Carbon Tetrachloride
 Concen: 5.026 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.09 min
 Lab File: VD062931.D
 Acq: 27 Jun 2019 15:05

Tgt Ion: 117 Resp: 72882
 Ion Ratio Lower Upper
 117 100
 119 7.1 75.4 113.2#
 121 0.0 22.3 33.5#

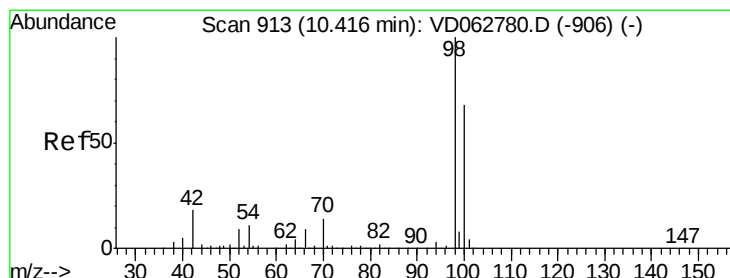
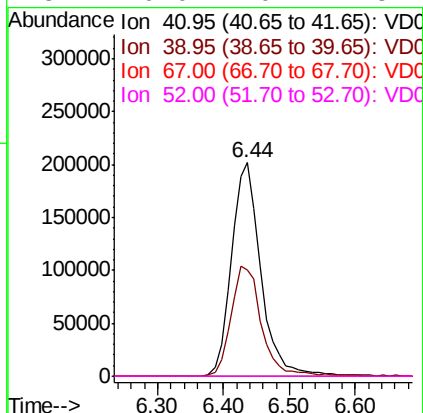
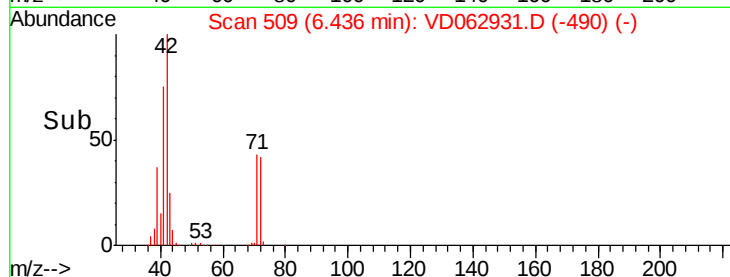
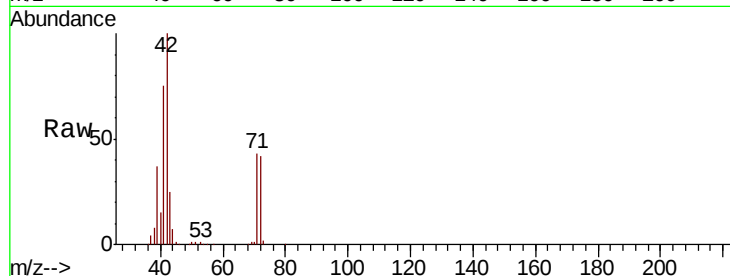




#41
Methacrylonitrile
Concen: 123.866 ug/l
RT: 6.44 min Scan# 509
Delta R.T. -0.01 min
Lab File: VD062931.D
Acq: 27 Jun 2019 15:05

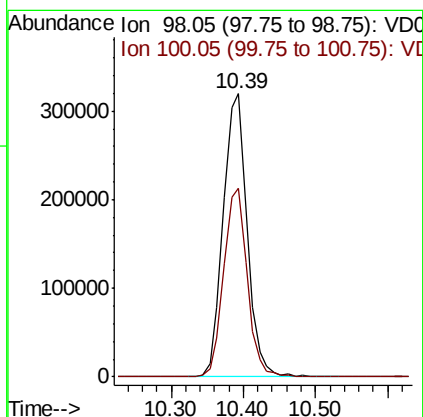
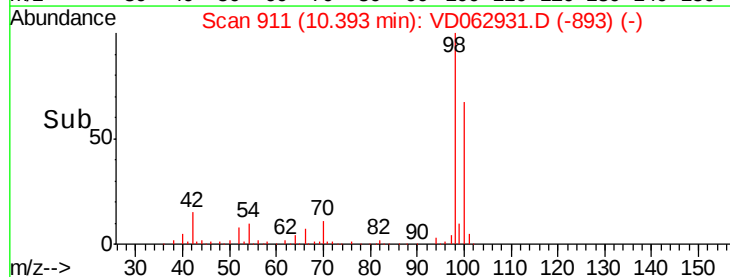
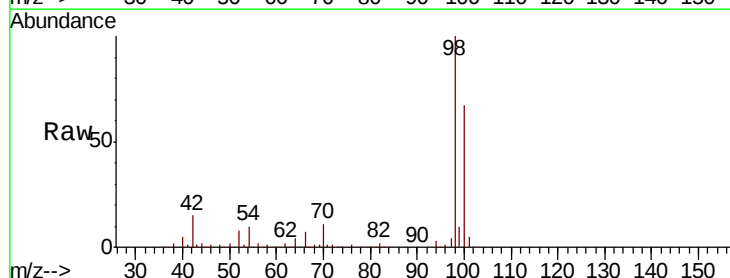
Instrument :
MSVOA_D
ClientSampleId :

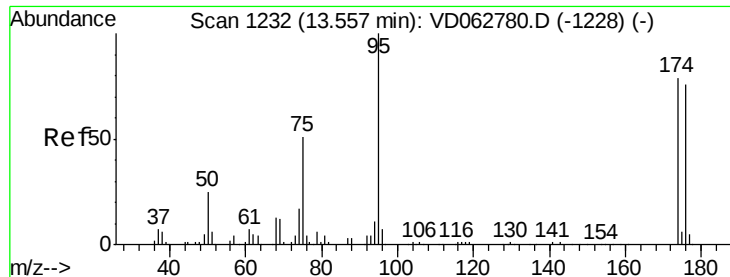
Tot Ion	Ratio	Lower	Upper
41	100		
39	49.7	43.2	64.8
67	0.0	19.9	29.9#
52	0.0	10.2	15.4#



#50
Toluene-d8
Concen: 39.366 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.02 min
Lab File: VD062931.D
Acq: 27 Jun 2019 15:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	54.7	82.1

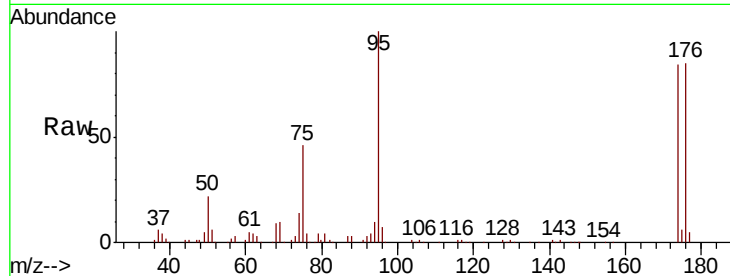




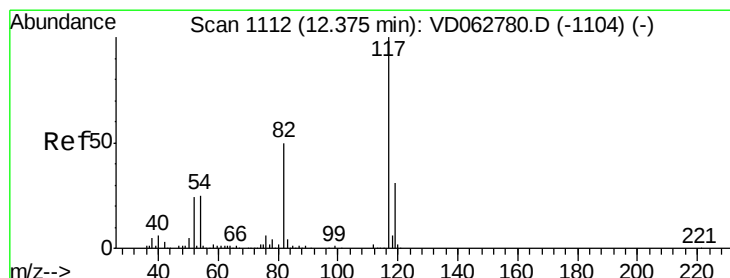
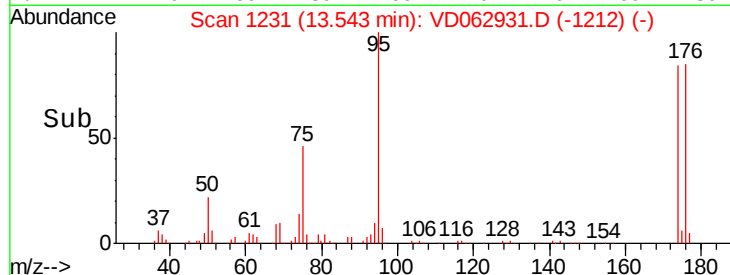
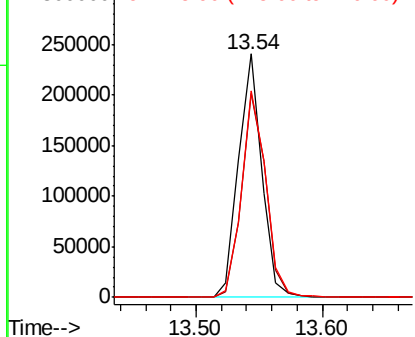
#62
4-Bromofluorobenzene
Concen: 35.840 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062931.D
Acq: 27 Jun 2019 15:05

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 304608
Ion Ratio Lower Upper
95 100
174 83.7 0.0 158.0
176 85.0 0.0 151.6

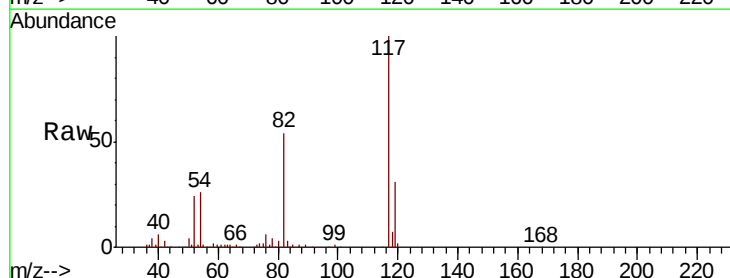


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

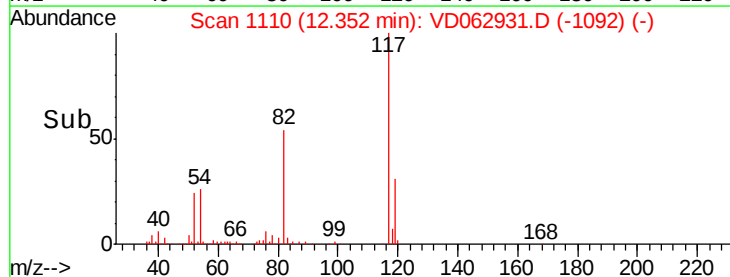
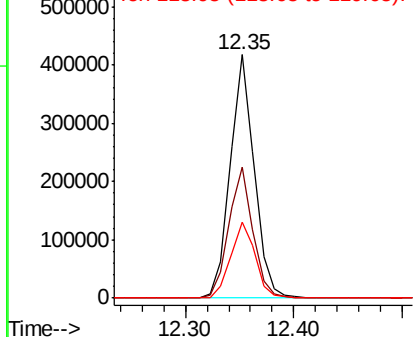


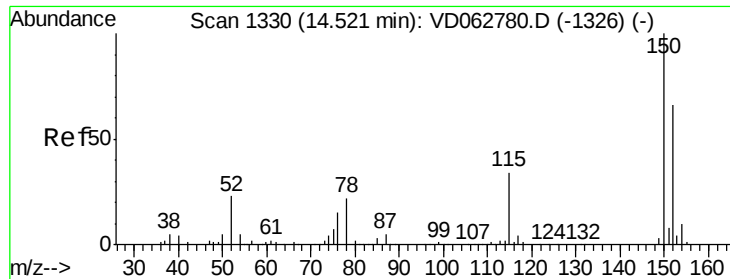
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062931.D
Acq: 27 Jun 2019 15:05

Tgt Ion: 117 Resp: 648023
Ion Ratio Lower Upper
117 100
82 53.8 40.4 60.6
119 31.2 25.2 37.8



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



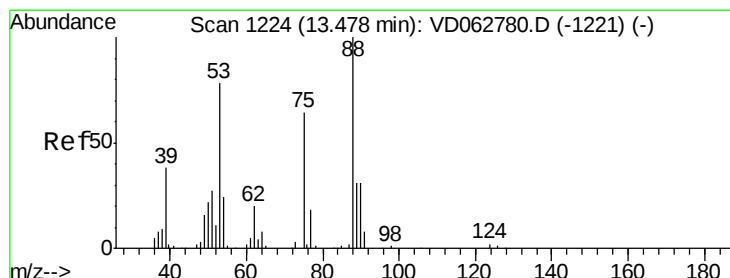
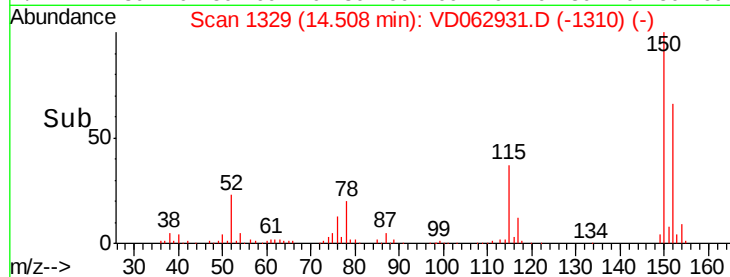
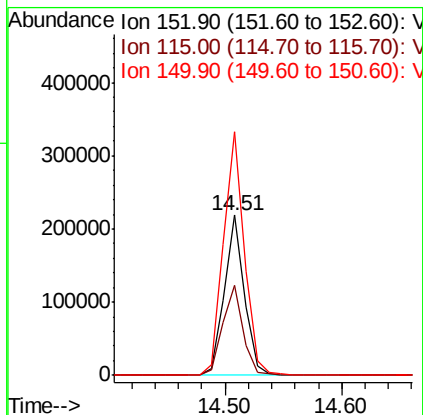
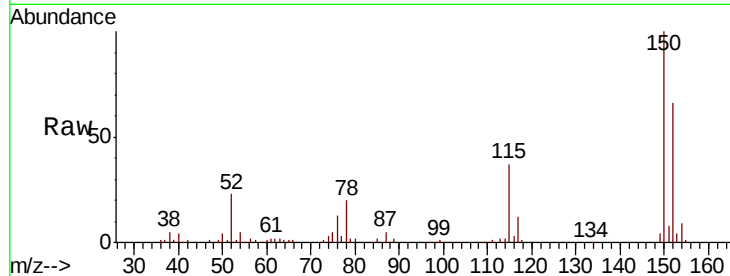


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062931.D
Acq: 27 Jun 2019 15:05

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:152 Resp: 261017
Ion Ratio Lower Upper
152 100
115 56.4 29.2 87.6
150 152.0 0.0 305.8



#81

trans-1,4-Dichloro-2-butene
Concen: 179.448 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.07 min
Lab File: VD062931.D
Acq: 27 Jun 2019 15:05

Tgt Ion: 75 Resp: 141715
Ion Ratio Lower Upper
75 100
53 0.0 97.8 146.8#
89 0.0 39.4 59.2#

