

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063561.D
 Acq On : 14 Aug 2019 8:27
 Operator : JC/SY
 Sample : K4229-18RE
 Misc : 5.33g/5ml/MSVOA D/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 14 10:14:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	1080932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1598541	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1195420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	455372	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	498303	43.13	ug/l	0.00
Spiked Amount			Recovery	=	86.26%	
35) Dibromofluoromethane	6.94	113	548002	40.70	ug/l	0.00
Spiked Amount			Recovery	=	81.40%	
50) Toluene-d8	10.41	98	1027818	34.72	ug/l	0.00
Spiked Amount			Recovery	=	69.44%	
62) 4-Bromofluorobenzene	13.56	95	429407	32.01	ug/l	0.00
Spiked Amount			Recovery	=	64.02%	

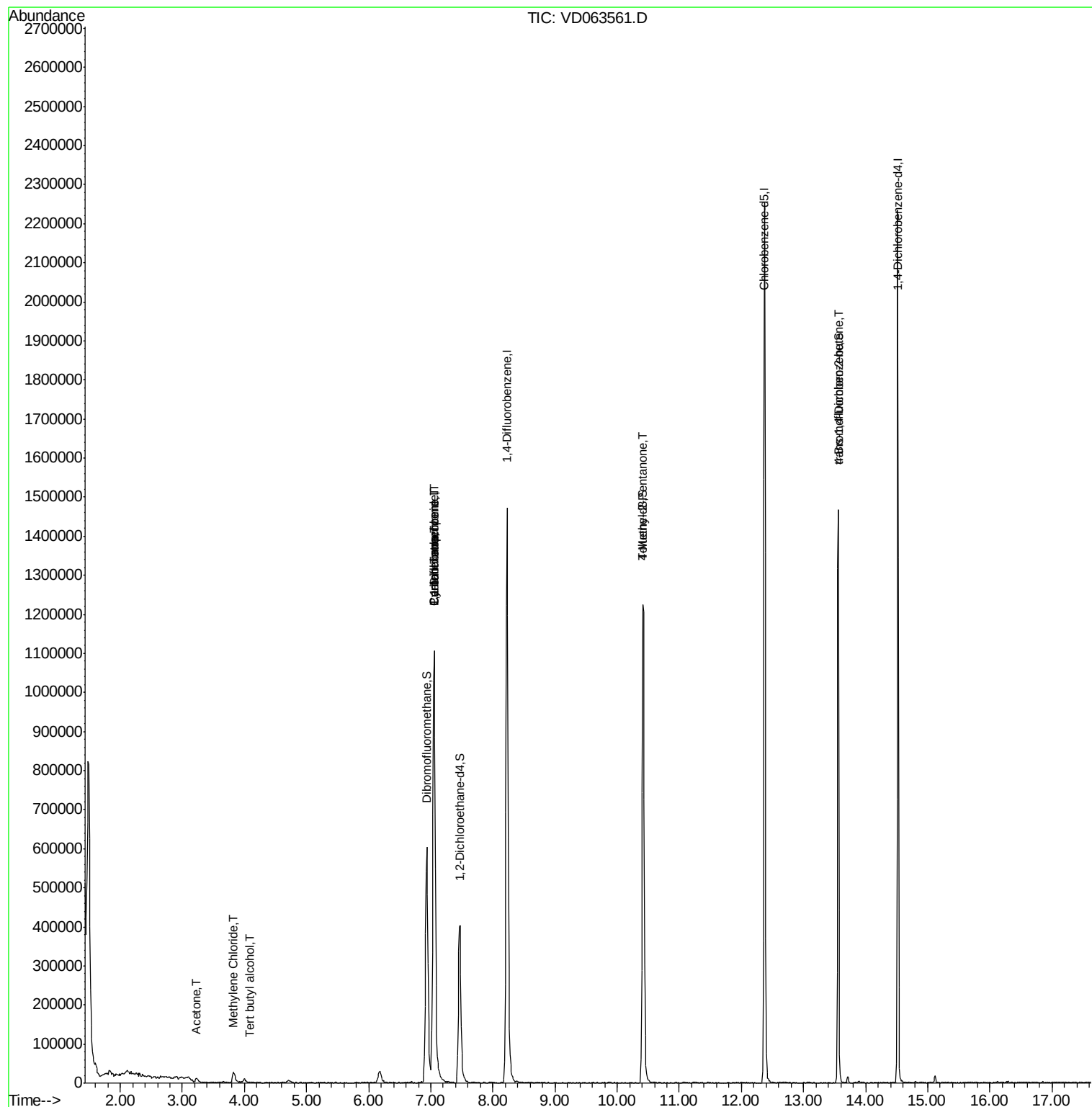
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.08	59	2723	5.414	ug/l #	71
16) Acetone	3.24	43	19693	8.384	ug/l #	88
20) Methylene Chloride	3.83	84	16736	1.648	ug/l #	80
31) Cyclohexane	7.06	56	22856	2.191	ug/l #	11
36) 1,1-Dichloropropene	7.06	75	81524	5.769	ug/l #	47
38) Carbon Tetrachloride	7.05	117	104059	4.886	ug/l #	18
51) 4-Methyl-2-Pentanone	10.41	43	7087	1.306	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	197911	140.897	ug/l #	1

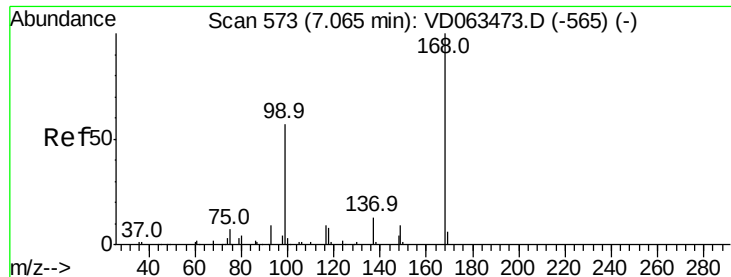
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081319\
Data File : VD063561.D
Acq On : 14 Aug 2019 8:27
Operator : JC/SY
Sample : K4229-18RE
Misc : 5.33g/5ml/MSVOA D/SOIL
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 14 10:14:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.01 min

Lab File: VD063561.D

Acq: 14 Aug 2019 8:27

Instrument :

MSVOA_D

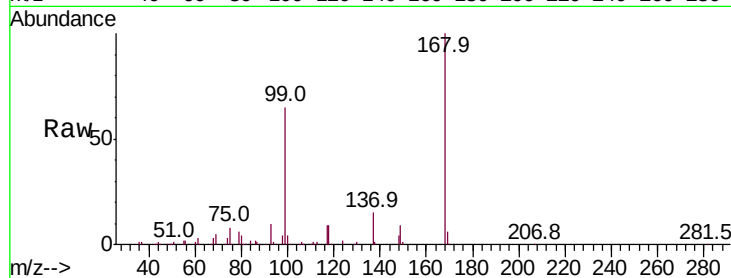
ClientSampleId :

Tot Ion:168 Resp: 1080932

Ion Ratio Lower Upper

168 100

99 65.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

400000

300000

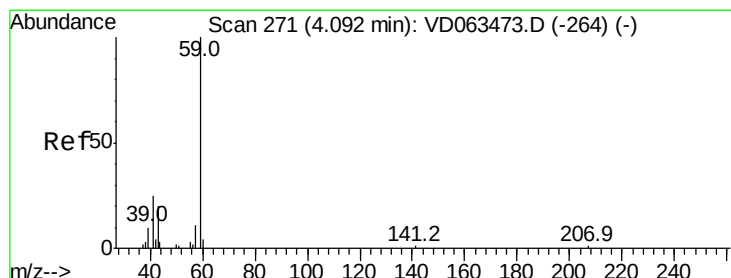
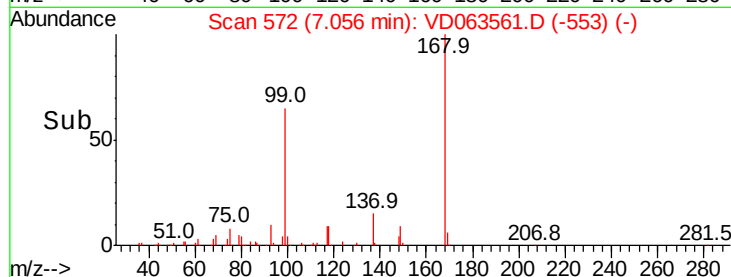
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#11

Tert butyl alcohol

Concen: 5.414 ug/l

RT: 4.08 min Scan# 270

Delta R.T. -0.01 min

Lab File: VD063561.D

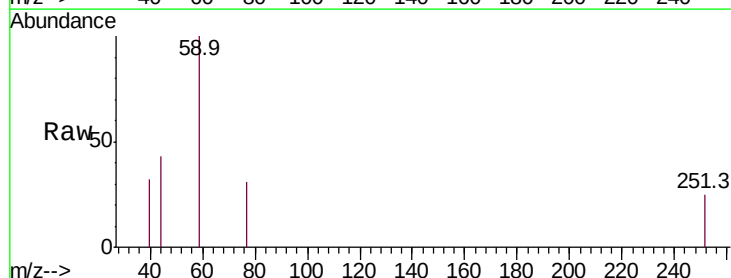
Acq: 14 Aug 2019 8:27

Tgt Ion: 59 Resp: 2723

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

4000

3000

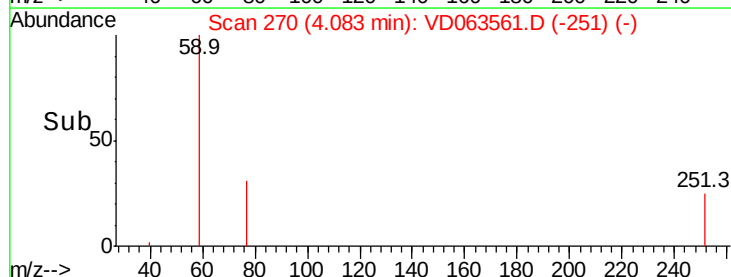
2000

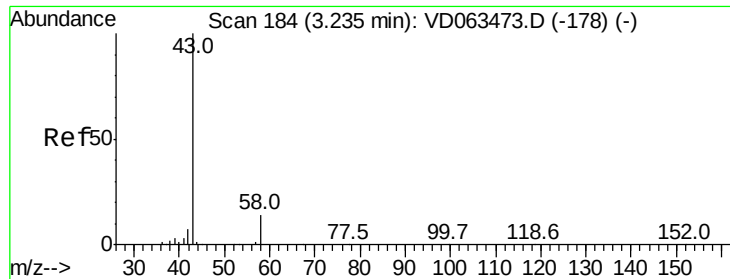
1000

0

4.05 4.10 4.15

Time-->





#16

Acetone

Concen: 8.384 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.00 min

Lab File: VD063561.D

Acq: 14 Aug 2019 8:27

Instrument :

MSVOA_D

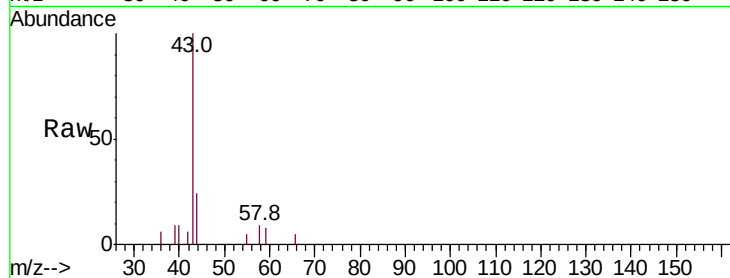
ClientSampleId :

Tot Ion: 43 Resp: 19693

Ion Ratio Lower Upper

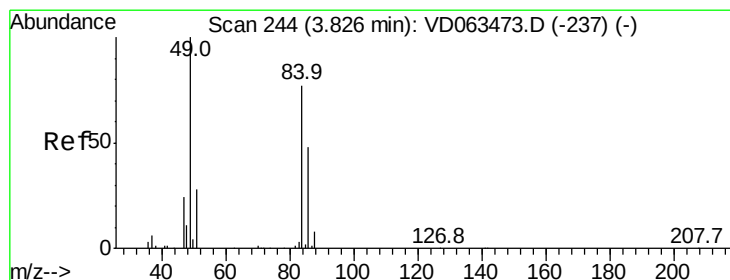
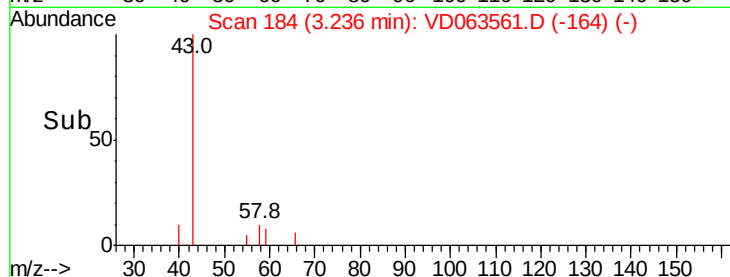
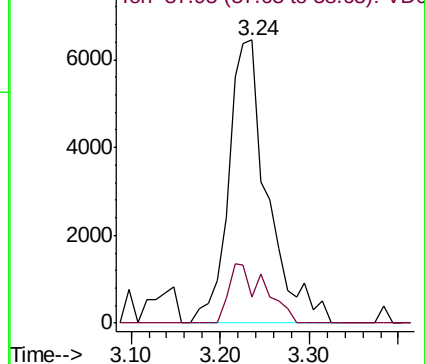
43 100

58 9.2 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 1.648 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.00 min

Lab File: VD063561.D

Acq: 14 Aug 2019 8:27

Tgt Ion: 84 Resp: 16736

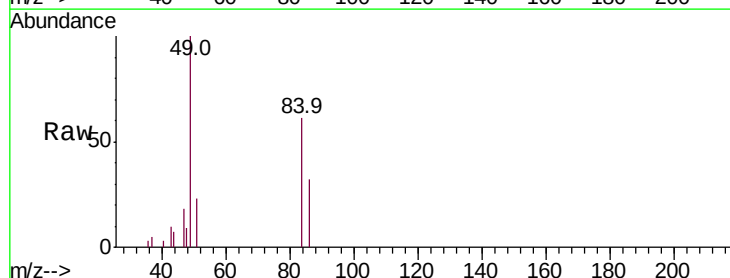
Ion Ratio Lower Upper

84 100

49 162.6 103.4 155.2#

51 36.6 28.5 42.7

86 52.5 49.4 74.2

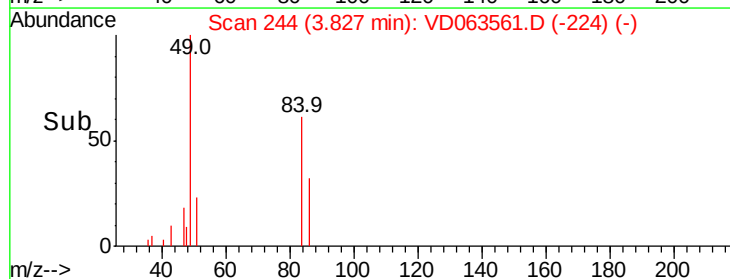
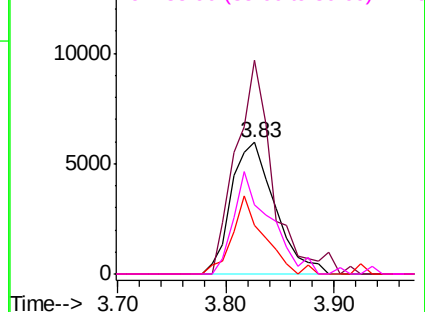


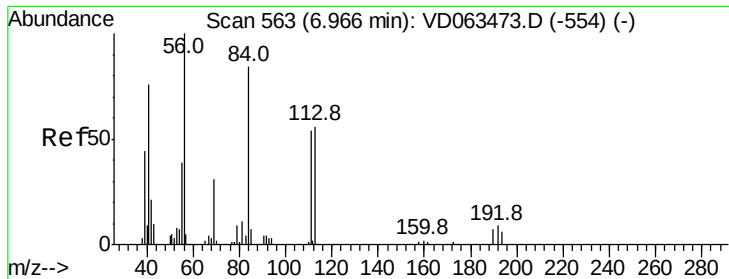
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

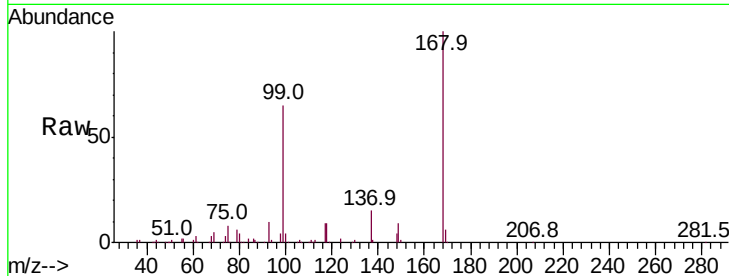




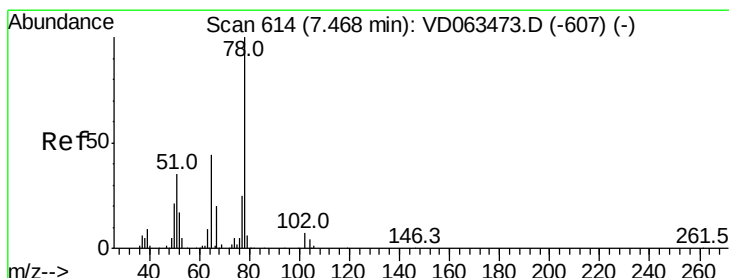
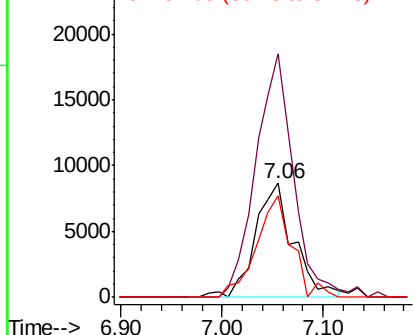
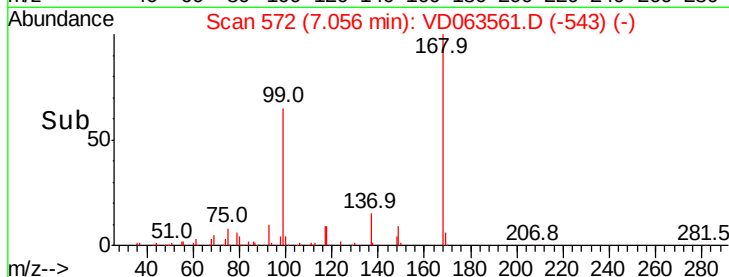
#31
Cyclohexane
Concen: 2.191 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.09 min
Lab File: VD063561.D
Acq: 14 Aug 2019 8:27

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 22856
Ion Ratio Lower Upper
56 100
69 213.7 25.0 37.6#
84 88.9 69.7 104.5

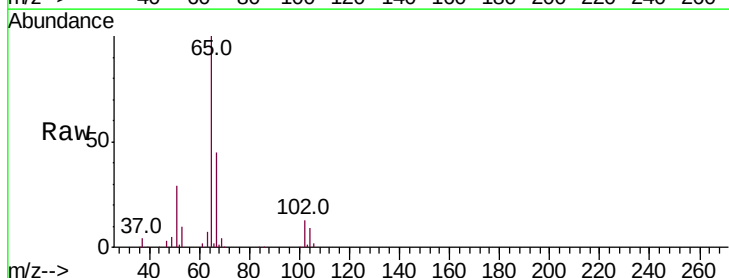


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

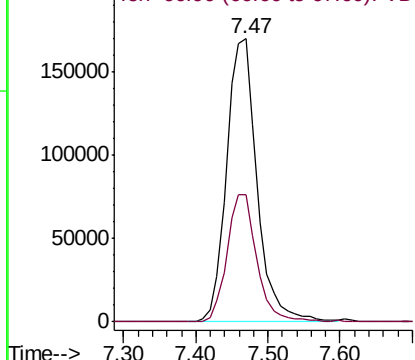
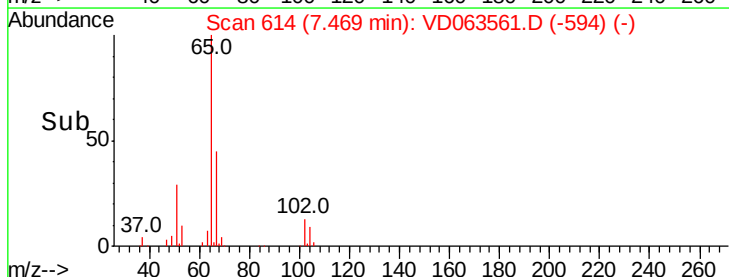


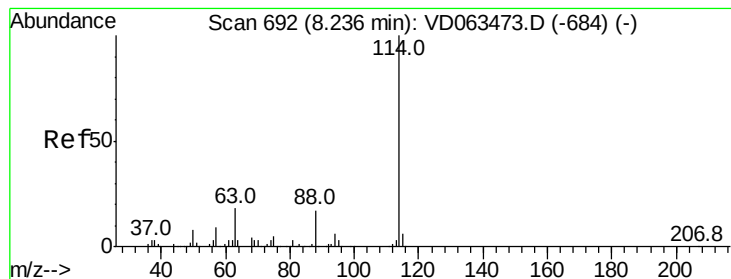
#33
1,2-Dichloroethane-d4
Concen: 43.127 ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.00 min
Lab File: VD063561.D
Acq: 14 Aug 2019 8:27

Tgt Ion: 65 Resp: 498303
Ion Ratio Lower Upper
65 100
67 44.8 0.0 89.2



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: 8.23 min Scan# 691

Delta R.T. -0.01 min

Lab File: VD063561.D

Acq: 14 Aug 2019 8:27

Instrument :

MSVOA_D

ClientSampleId :

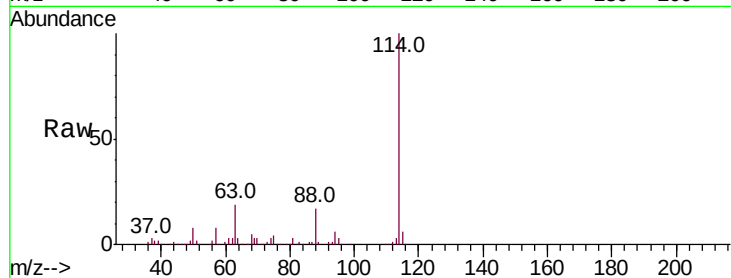
Tot Ion:114 Resp: 1598541

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.2

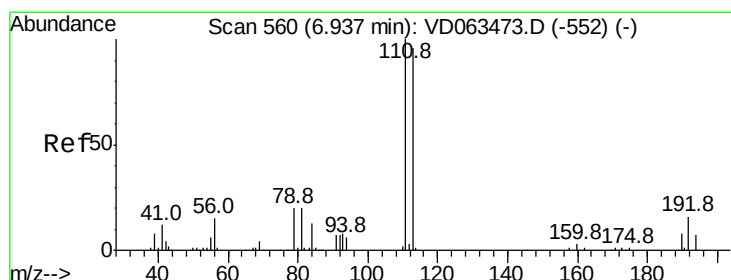
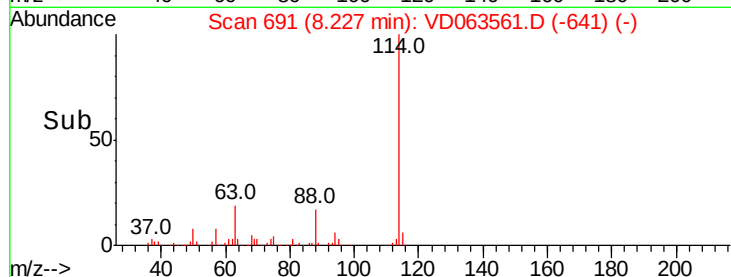
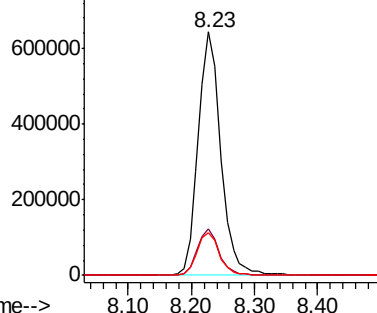
88 17.3 0.0 35.0



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: 40.704 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD063561.D

Acq: 14 Aug 2019 8:27

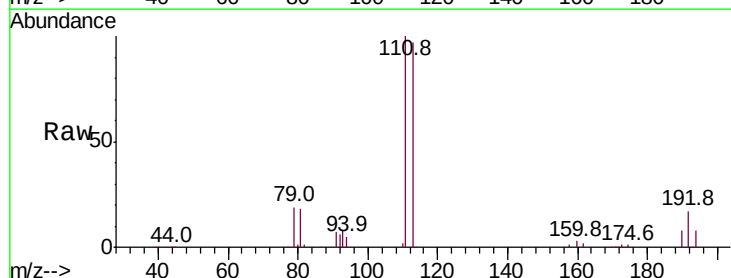
Tgt Ion:113 Resp: 548002

Ion Ratio Lower Upper

113 100

111 102.8 83.1 124.7

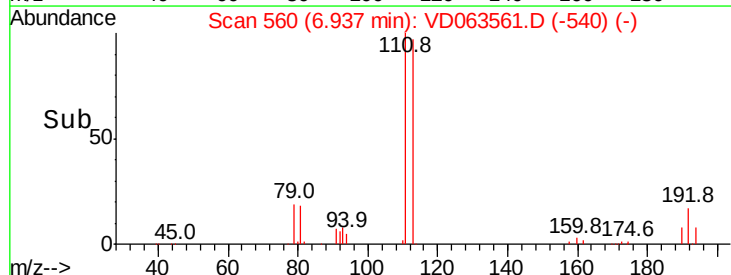
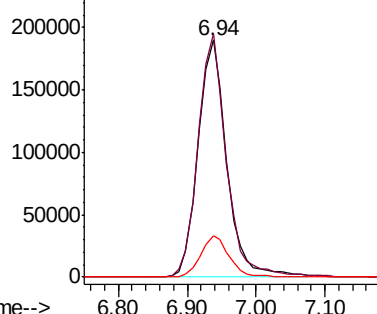
192 17.7 13.1 19.7

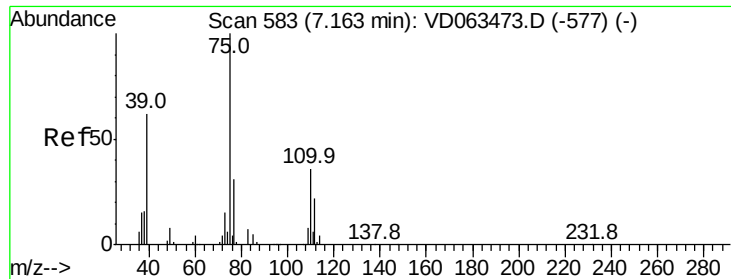


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 5.769 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.11 min

Lab File: VD063561.D

Acq: 14 Aug 2019 8:27

Instrument :

MSVOA_D

ClientSampleId :

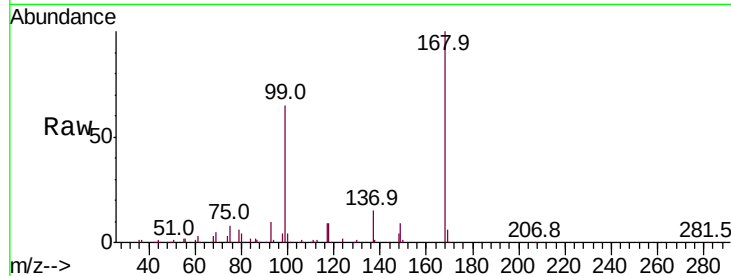
Tot Ion: 75 Resp: 81524

Ion Ratio Lower Upper

75 100

110 5.7 17.6 52.8#

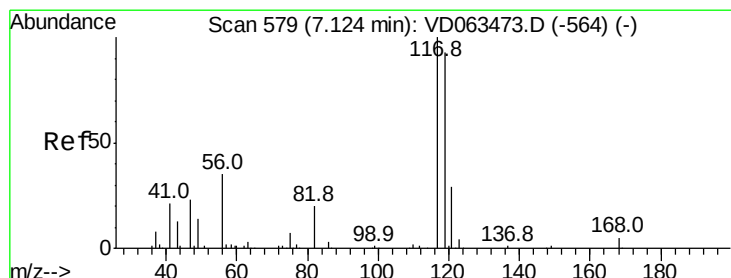
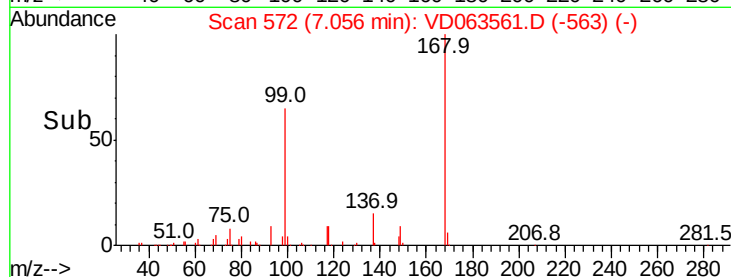
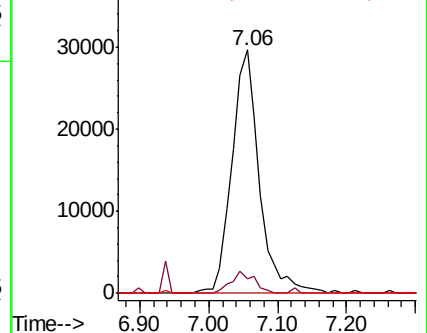
77 0.0 24.3 36.5#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V



#38

Carbon Tetrachloride

Concen: 4.886 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.08 min

Lab File: VD063561.D

Acq: 14 Aug 2019 8:27

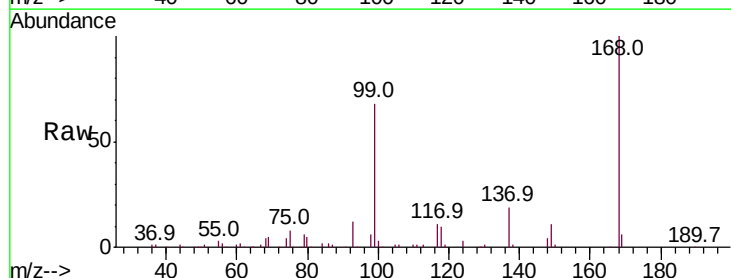
Tgt Ion: 117 Resp: 104059

Ion Ratio Lower Upper

117 100

119 6.0 74.2 111.2#

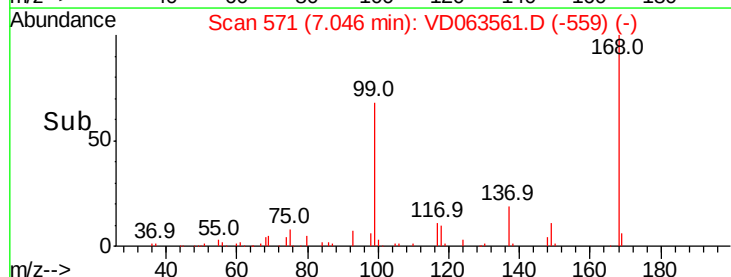
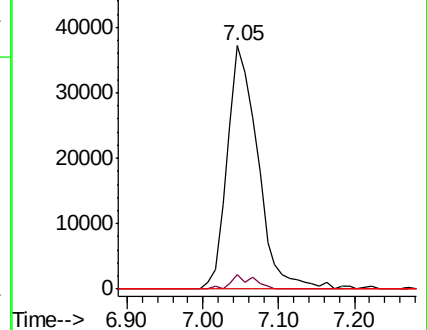
121 0.0 23.1 34.7#

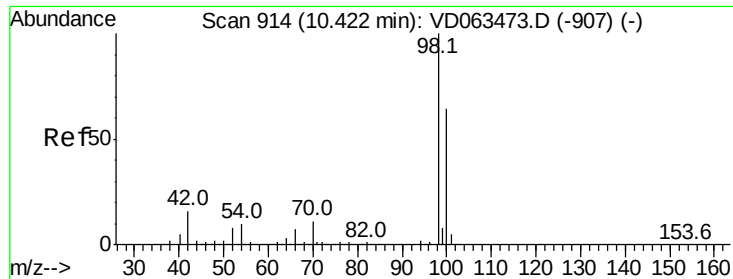


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

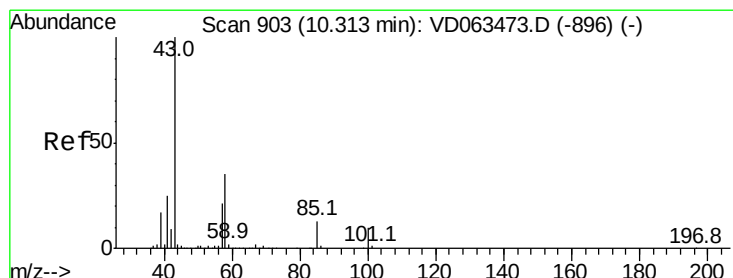
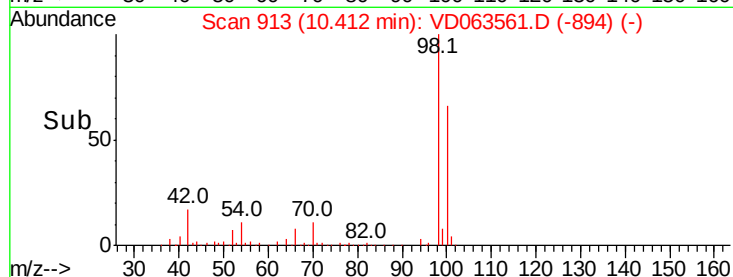
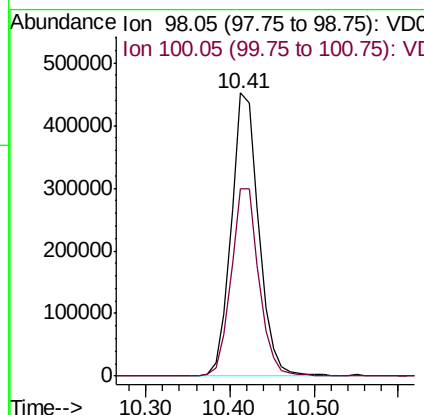
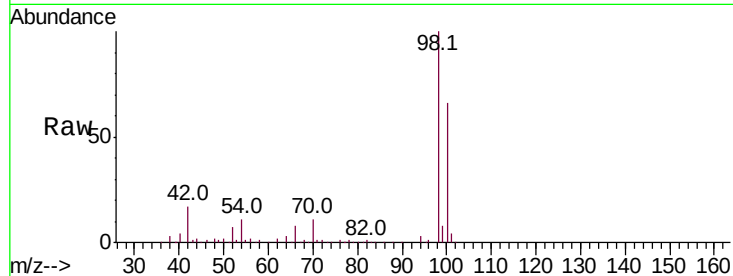




#50
Toluene-d8
Concen: 34.725 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063561.D
Acq: 14 Aug 2019 8:27

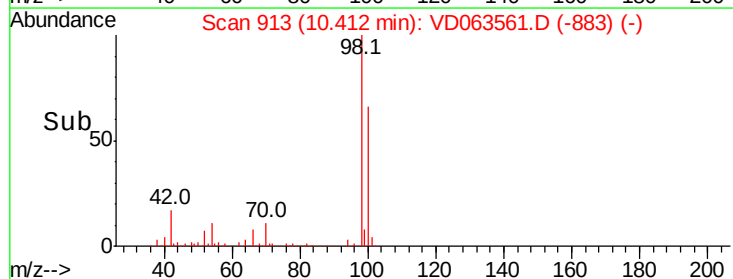
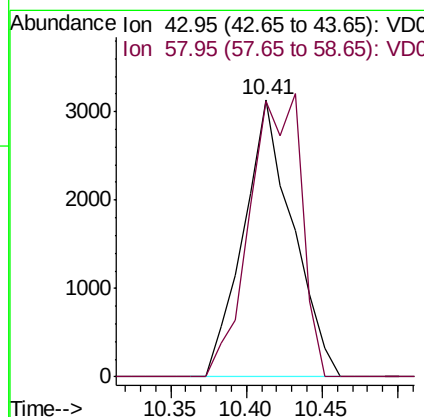
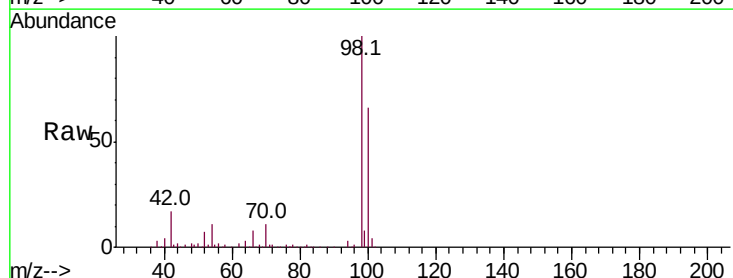
Instrument :
MSVOA_D
ClientSampleId :

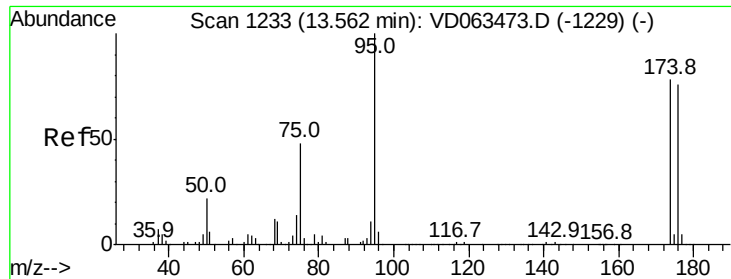
Tot Ion: 98 Resp: 1027818
Ion Ratio Lower Upper
98 100
100 66.4 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.306 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.10 min
Lab File: VD063561.D
Acq: 14 Aug 2019 8:27

Tgt Ion: 43 Resp: 7087
Ion Ratio Lower Upper
43 100
58 99.5 28.0 42.0#

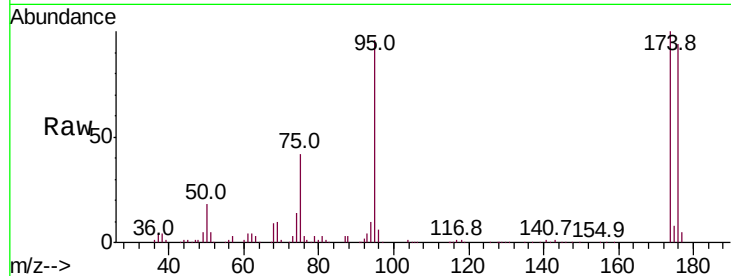




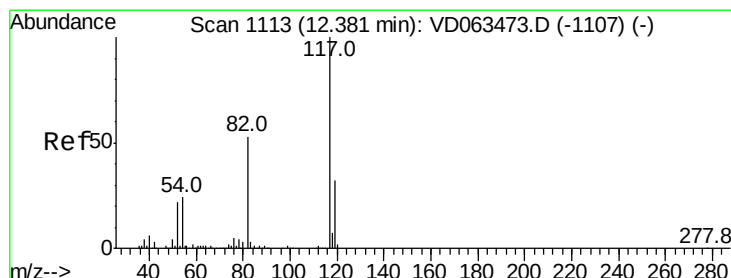
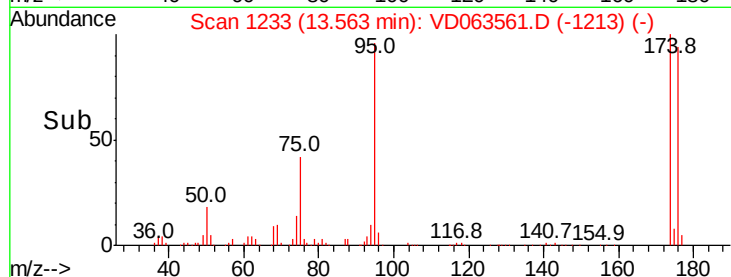
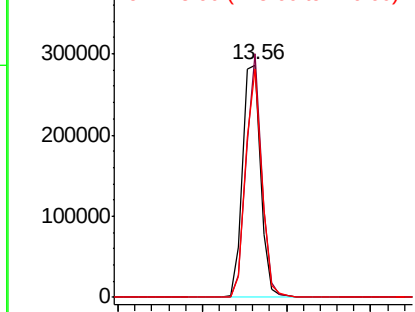
#62
4-Bromofluorobenzene
Concen: 32.008 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD063561.D
Acq: 14 Aug 2019 8:27

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
95	100		
174	104.6	0.0	155.4
176	98.0	0.0	152.4

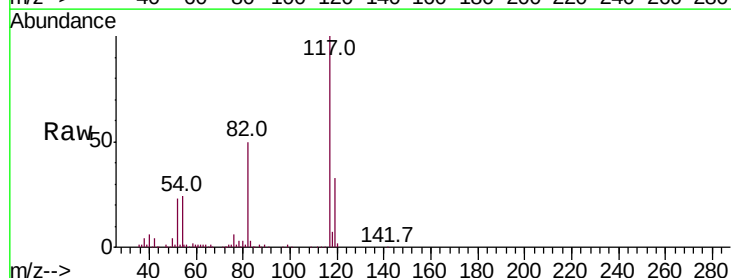


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

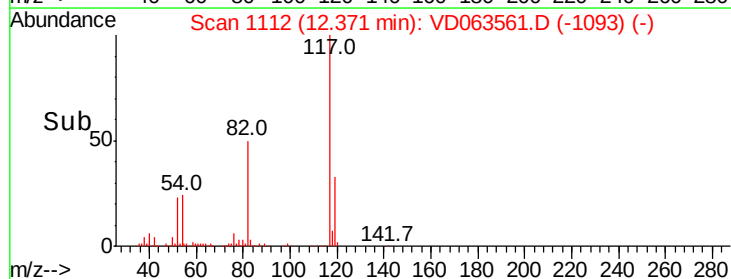
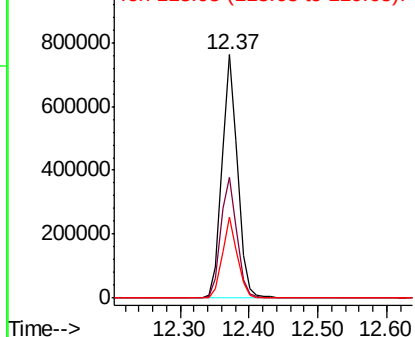


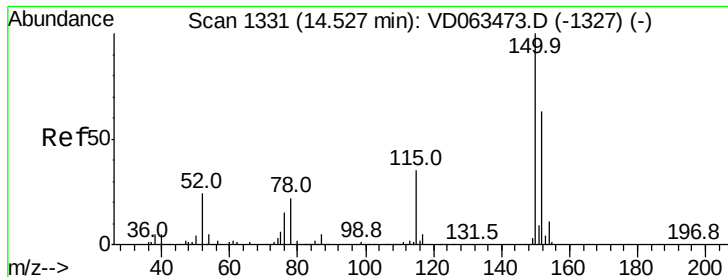
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063561.D
Acq: 14 Aug 2019 8:27

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.8	42.0	63.0
119	33.1	25.4	38.0



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



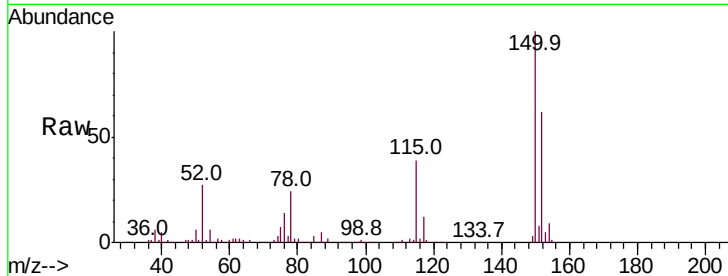


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063561.D
Acq: 14 Aug 2019 8:27

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.6	30.9	92.7
150	162.3	0.0	318.6

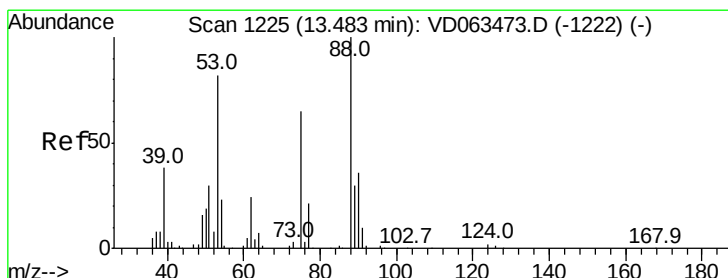
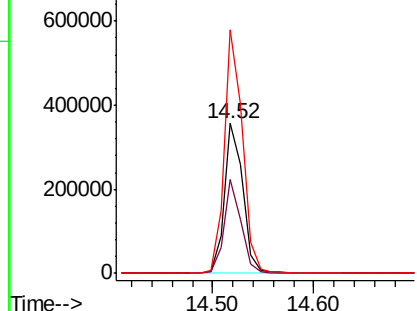
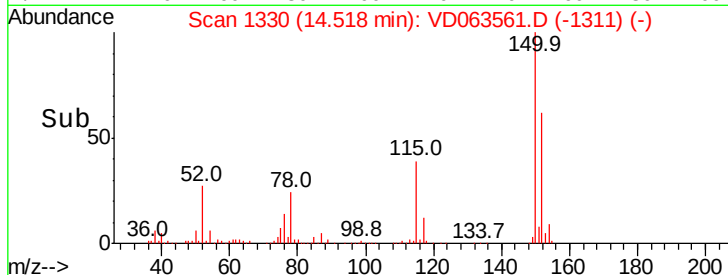


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

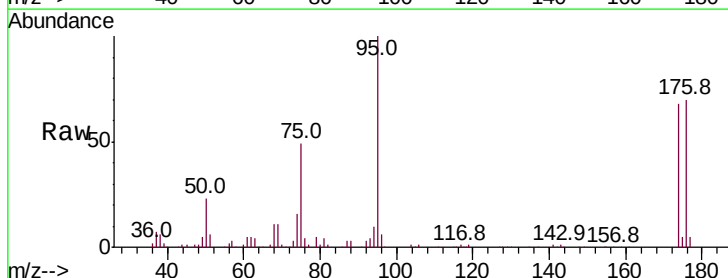
Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene
Concen: 140.897 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.07 min
Lab File: VD063561.D
Acq: 14 Aug 2019 8:27

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	101.0	151.4#
89	0.0	37.0	55.6#



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

