

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052119\
 Data File : VD062475.D
 Acq On : 21 May 2019 12:25
 Operator : VA/AP
 Sample : VD0521SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 22 01:42:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	795868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1083216	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	812142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	476200	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	465570	54.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.30%	
35) Dibromofluoromethane	6.92	113	549989	56.28	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	112.56%	
50) Toluene-d8	10.42	98	1246330	58.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.56%	
62) 4-Bromofluorobenzene	13.56	95	512131	54.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.50%	

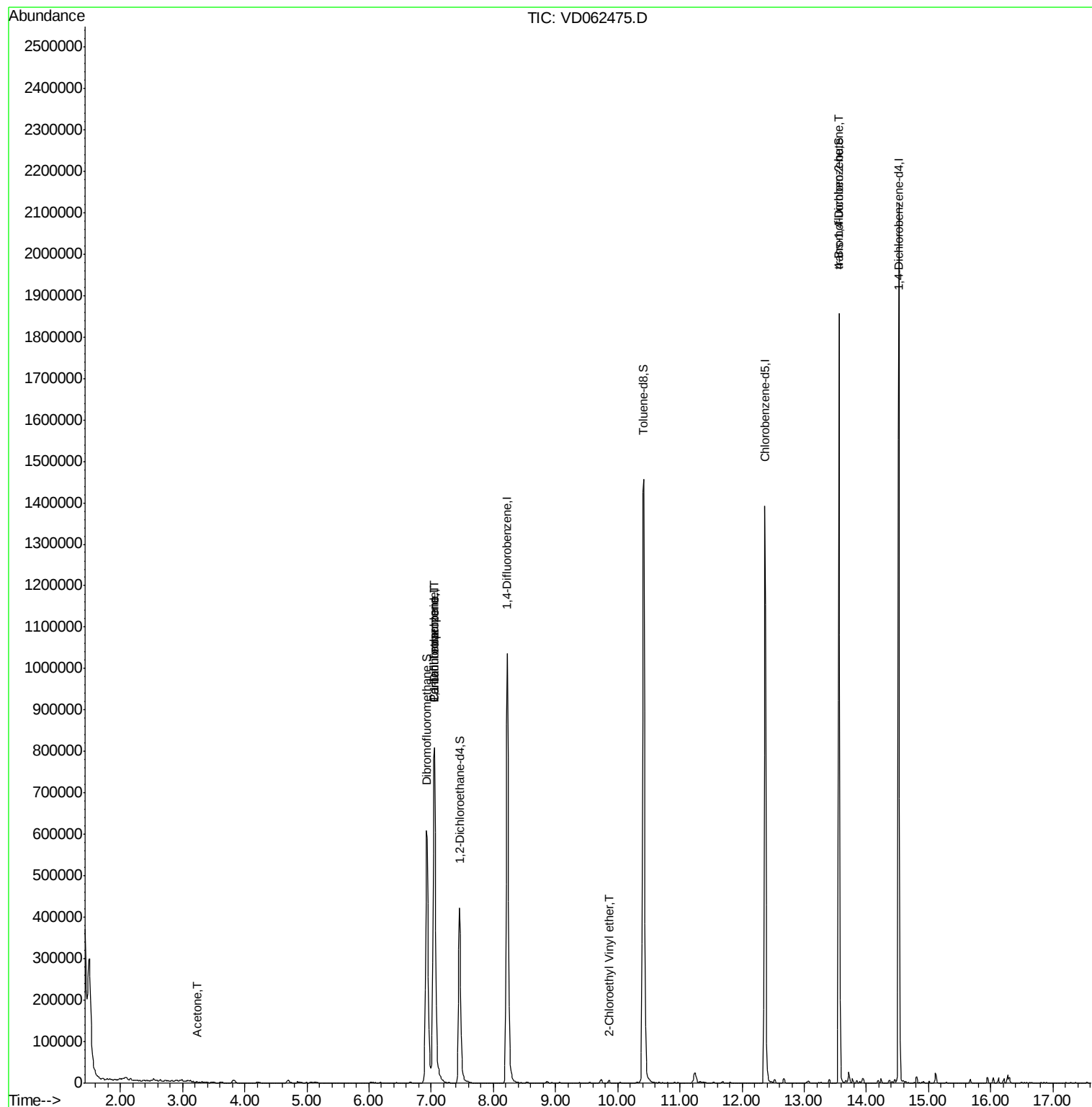
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	1950	Below Cal	#	42
16) Acetone	3.23	43	4642	3.041	ug/l	98
20) Methylene Chloride	3.83	84	5118	Below Cal	#	79
36) 1,1-Dichloropropene	7.04	75	58762	5.674	ug/l #	49
38) Carbon Tetrachloride	7.04	117	83284	5.411	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.87	63	2790	1.078	ug/l #	53
81) trans-1,4-Dichloro-2-buten	13.56	75	223008	140.974	ug/l #	16

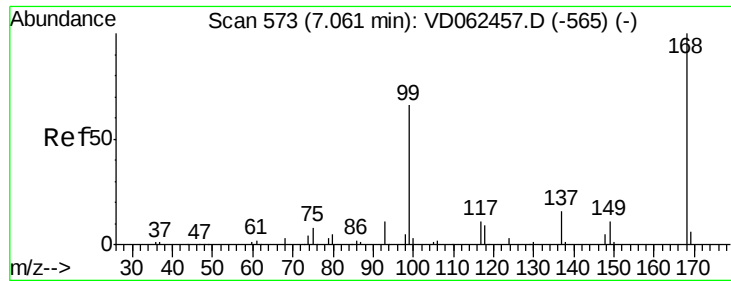
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD052119\
Data File : VD062475.D
Acq On : 21 May 2019 12:25
Operator : VA/AP
Sample : VD0521SBL01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 22 01:42:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.01 min

Lab File: VD062475.D

Acq: 21 May 2019 12:25

Instrument :

MSVOA_D

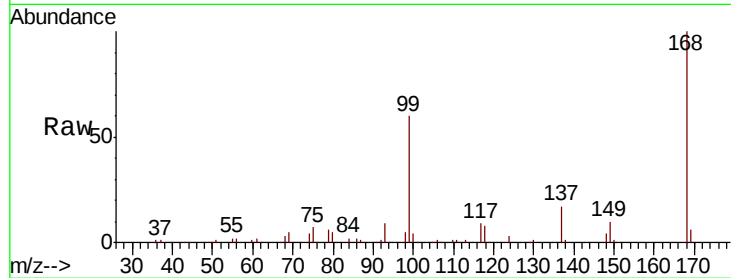
ClientSampleId :

Tot Ion:168 Resp: 795868

Ion Ratio Lower Upper

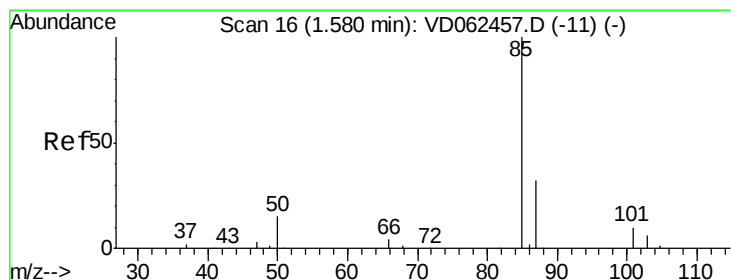
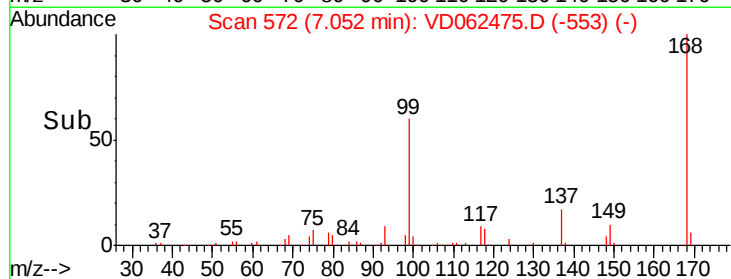
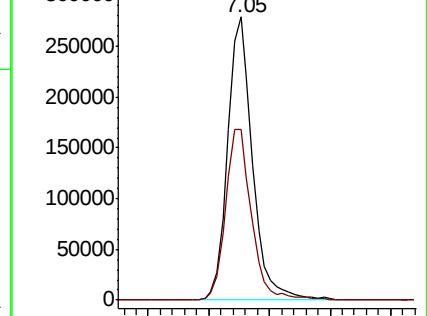
168 100

99 60.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.58 min Scan# 16

Delta R.T. 0.00 min

Lab File: VD062475.D

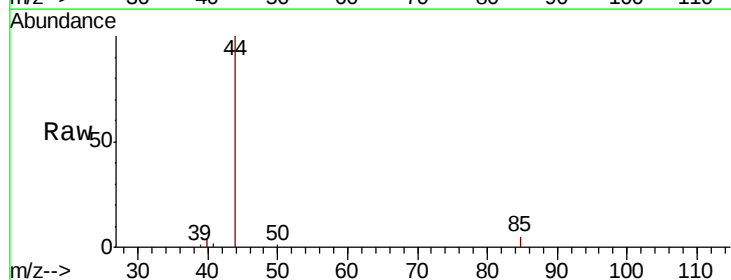
Acq: 21 May 2019 12:25

Tgt Ion: 85 Resp: 1950

Ion Ratio Lower Upper

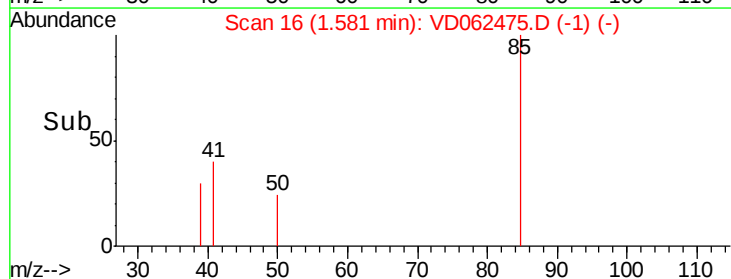
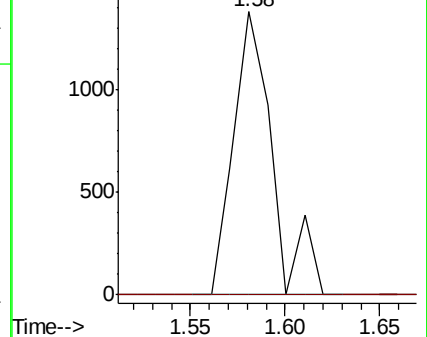
85 100

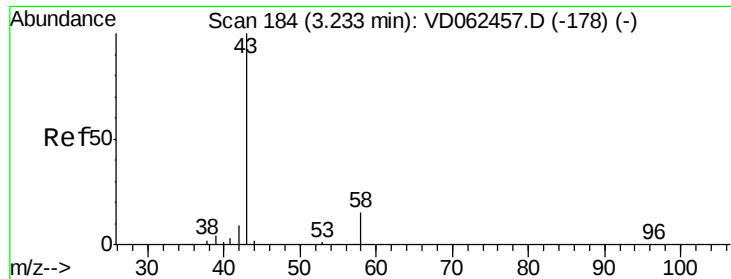
87 0.0 16.2 48.6#



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#16

Acetone

Concen: 3.041 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.00 min

Lab File: VD062475.D

Acq: 21 May 2019 12:25

Instrument :

MSVOA_D

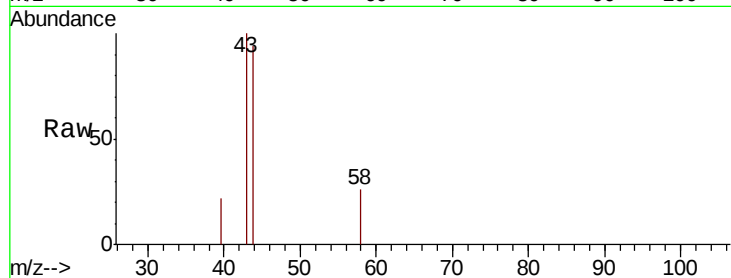
ClientSampleId :

Tot Ion: 43 Resp: 4642

Ion Ratio Lower Upper

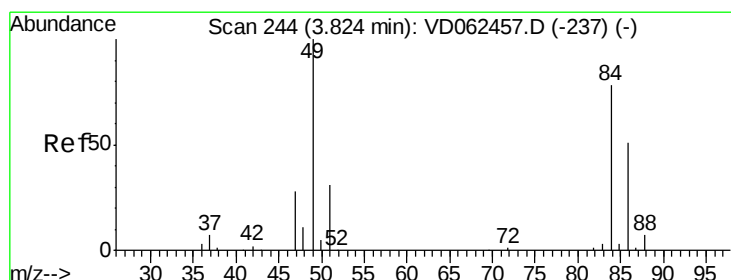
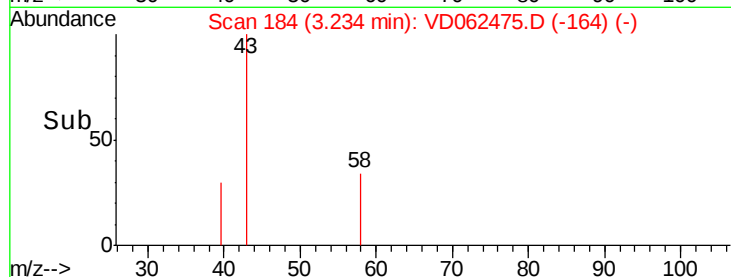
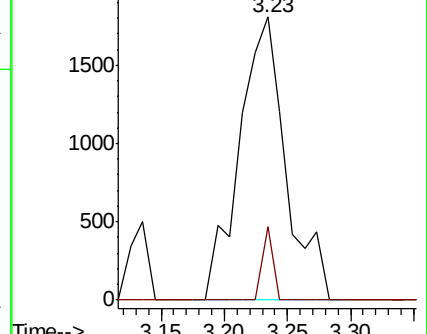
43 100

58 25.8 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 3.83 min Scan# 245

Delta R.T. 0.01 min

Lab File: VD062475.D

Acq: 21 May 2019 12:25

Tgt Ion: 84 Resp: 5118

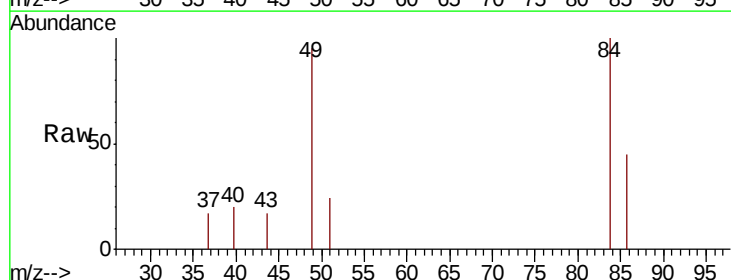
Ion Ratio Lower Upper

84 100

49 95.3 94.0 141.0

51 23.8 29.0 43.4#

86 44.8 49.8 74.6#

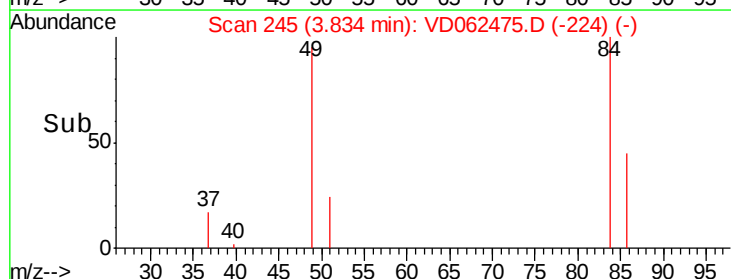
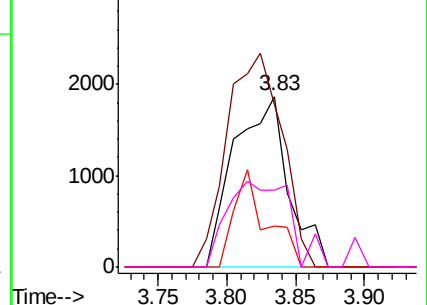


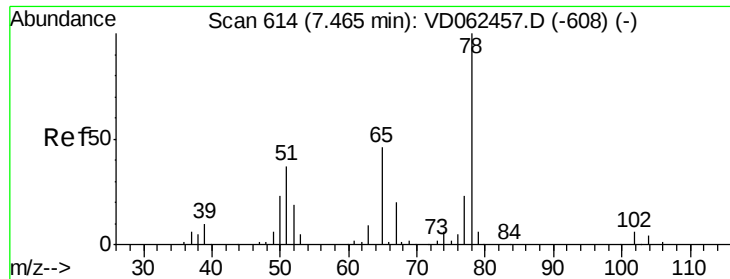
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#33

1,2-Dichloroethane-d4

Concen: 54.649 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD062475.D

Acq: 21 May 2019 12:25

Instrument :

MSVOA_D

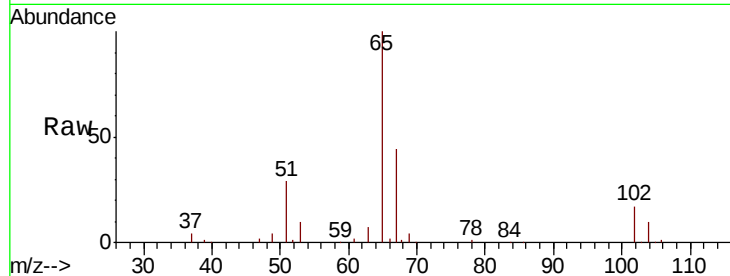
ClientSampleId :

Tot Ion: 65 Resp: 465570

Ion Ratio Lower Upper

65 100

67 44.1 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

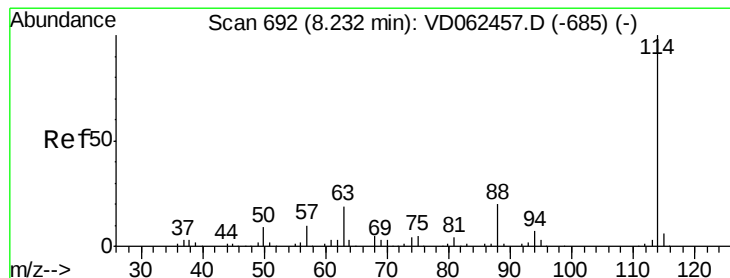
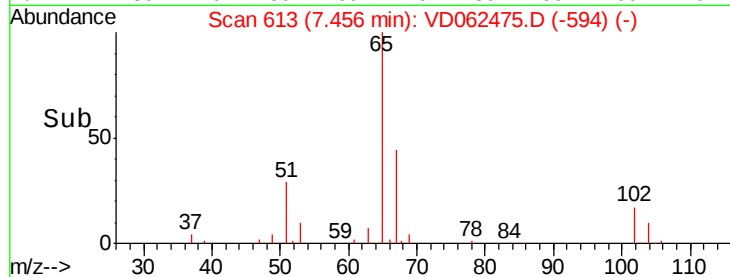
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. -0.01 min

Lab File: VD062475.D

Acq: 21 May 2019 12:25

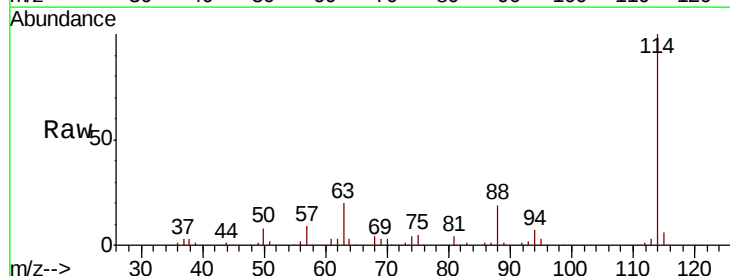
Tgt Ion: 114 Resp: 1083216

Ion Ratio Lower Upper

114 100

63 19.6 0.0 32.4

88 18.6 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

600000

500000

400000

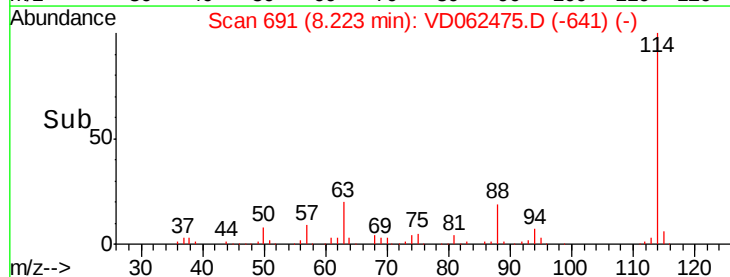
300000

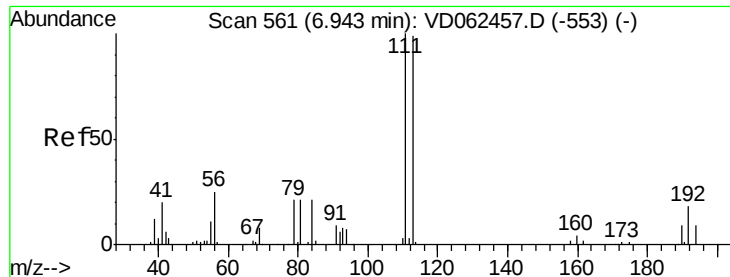
200000

100000

0

Time--> 8.10 8.20 8.30 8.40 8.50

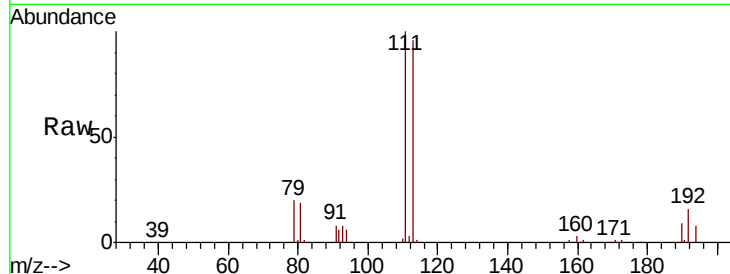




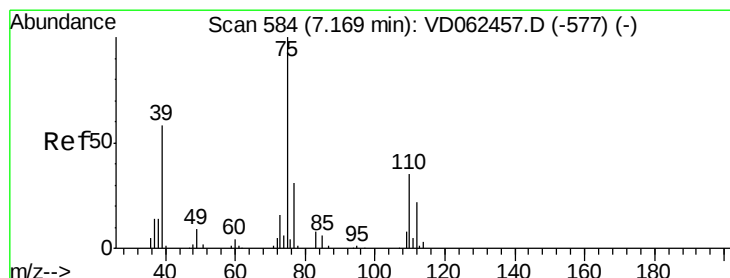
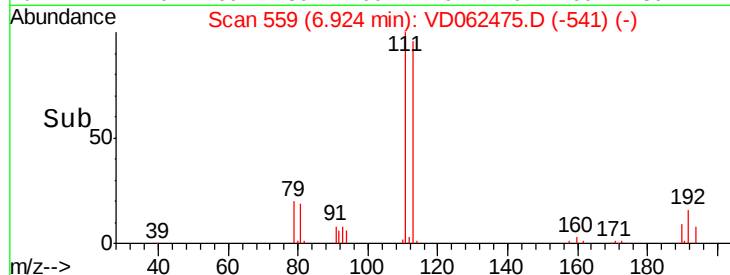
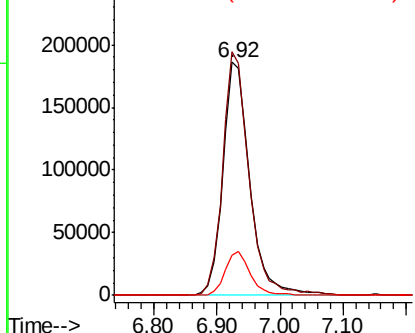
#35
Dibromofluoromethane
Concen: 56.283 ug/l
RT: 6.92 min Scan# 559
Delta R.T. -0.02 min
Lab File: VD062475.D
Acq: 21 May 2019 12:25

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:113 Resp: 549989
Ion Ratio Lower Upper
113 100
111 104.4 78.5 117.7
192 16.9 13.0 19.4

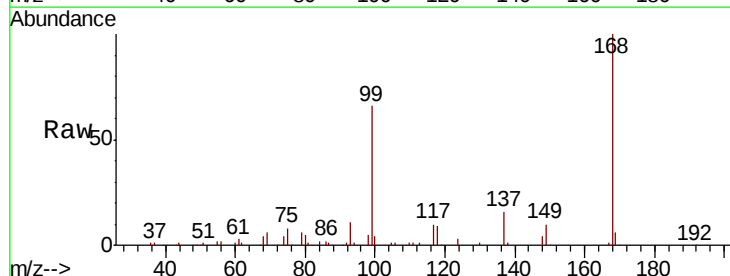


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

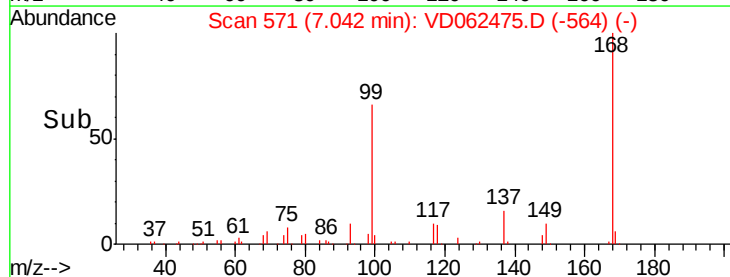
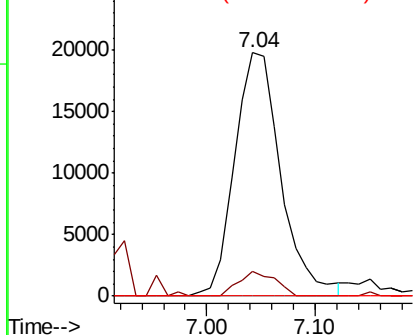


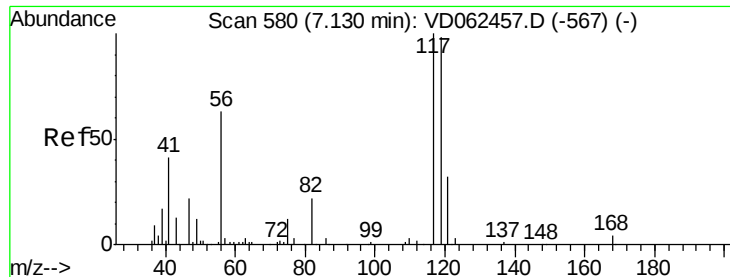
#36
1,1-Dichloropropene
Concen: 5.674 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.13 min
Lab File: VD062475.D
Acq: 21 May 2019 12:25

Tgt Ion: 75 Resp: 58762
Ion Ratio Lower Upper
75 100
110 10.4 19.1 57.1#
77 0.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): VDC





#38

Carbon Tetrachloride

Concen: 5.411 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.09 min

Lab File: VD062475.D

Acq: 21 May 2019 12:25

Instrument :

MSVOA_D

ClientSampleId :

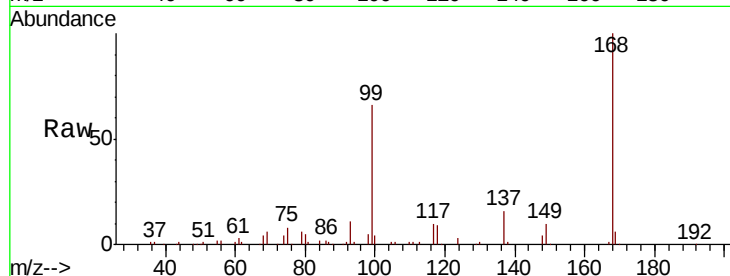
Tot Ion:117 Resp: 83284

Ion Ratio Lower Upper

117 100

119 3.7 75.8 113.8#

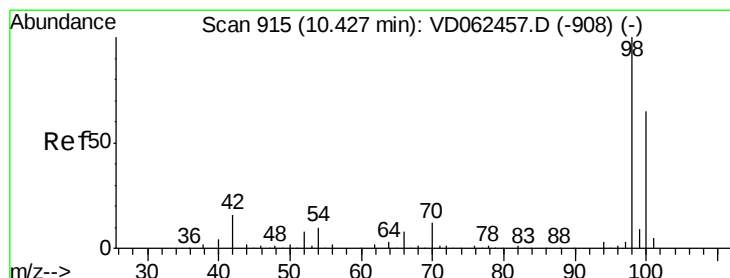
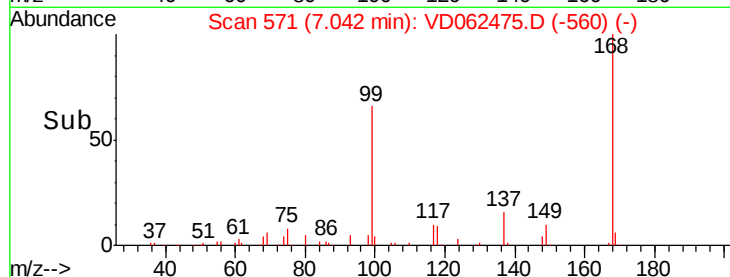
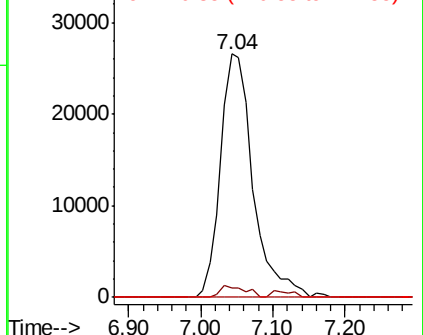
121 0.0 25.9 38.9#



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: 58.281 ug/l

RT: 10.42 min Scan# 914

Delta R.T. -0.01 min

Lab File: VD062475.D

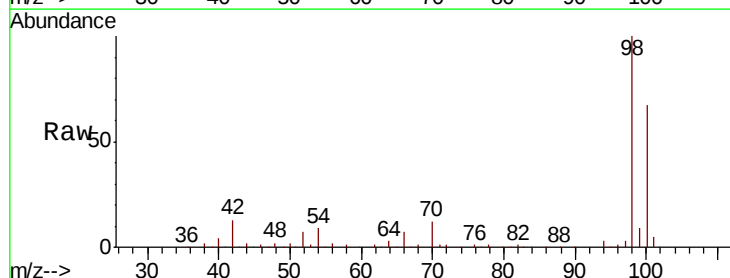
Acq: 21 May 2019 12:25

Tgt Ion: 98 Resp: 1246330

Ion Ratio Lower Upper

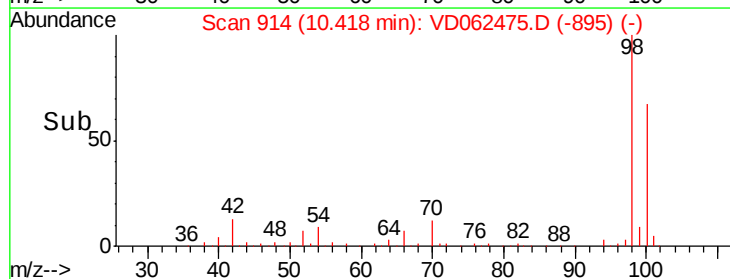
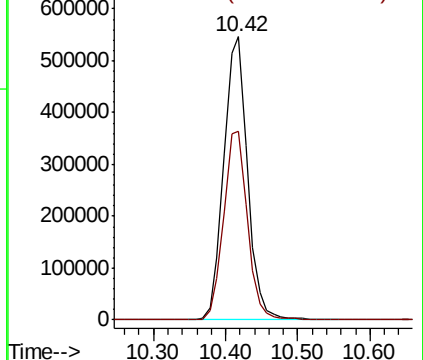
98 100

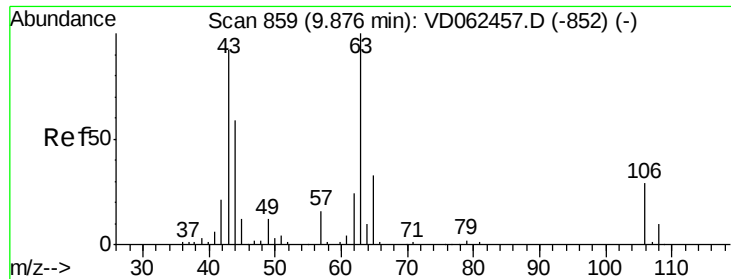
100 66.7 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

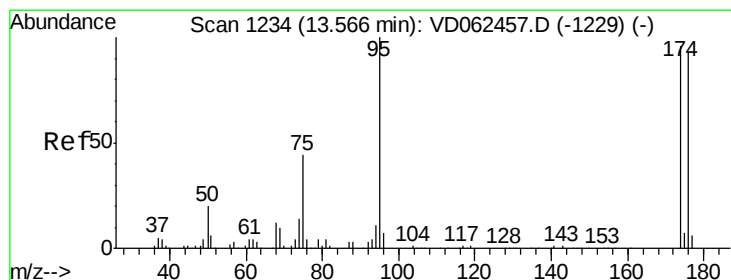
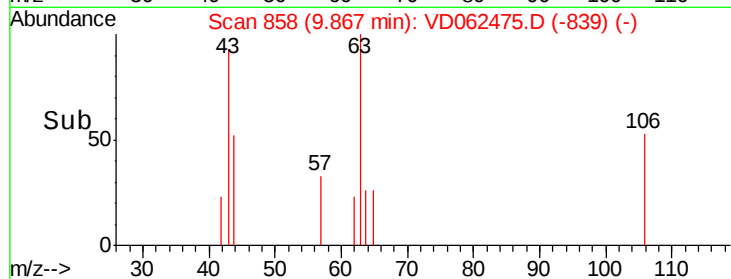
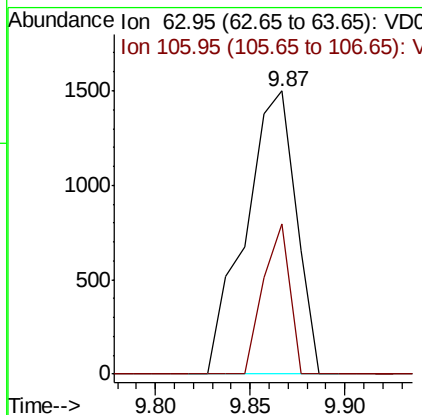
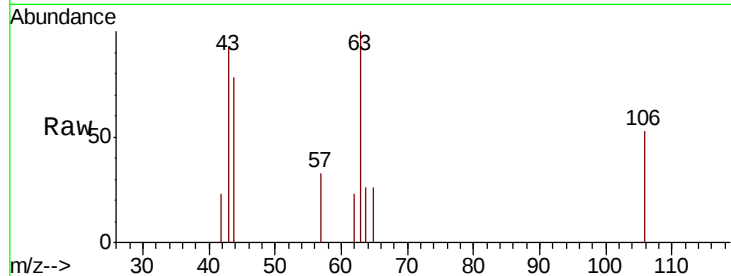




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.078 ug/l
 RT: 9.87 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: VD062475.D
 Acq: 21 May 2019 12:25

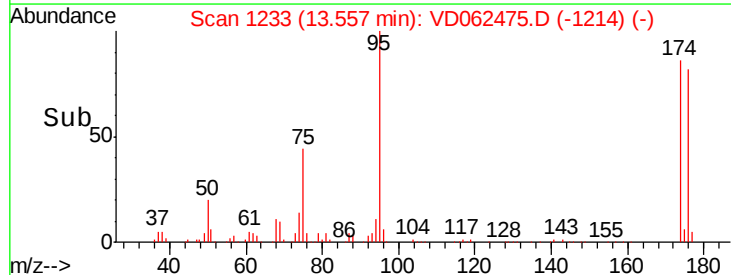
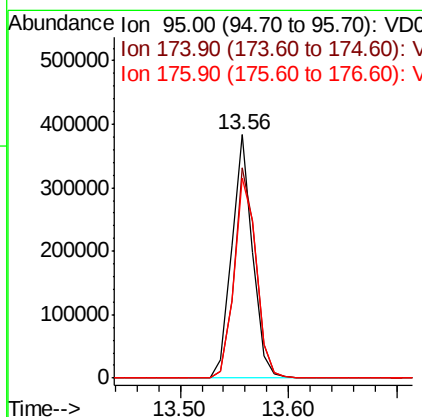
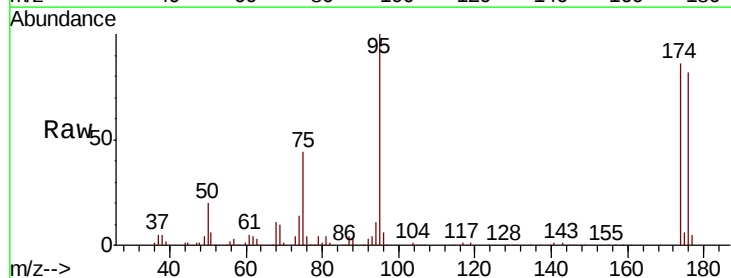
Instrument :
 MSVOA_D
 ClientSampleId :

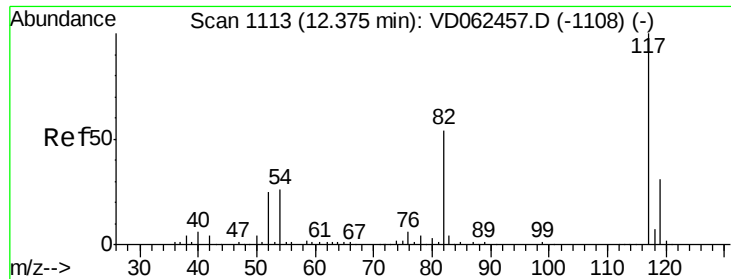
Tot Ion: 63 Resp: 2790
 Ion Ratio Lower Upper
 63 100
 106 53.2 22.6 34.0#



#62
 4-Bromofluorobenzene
 Concen: 54.747 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: VD062475.D
 Acq: 21 May 2019 12:25

Tgt Ion: 95 Resp: 512131
 Ion Ratio Lower Upper
 95 100
 174 86.3 0.0 181.8
 176 82.3 0.0 174.4

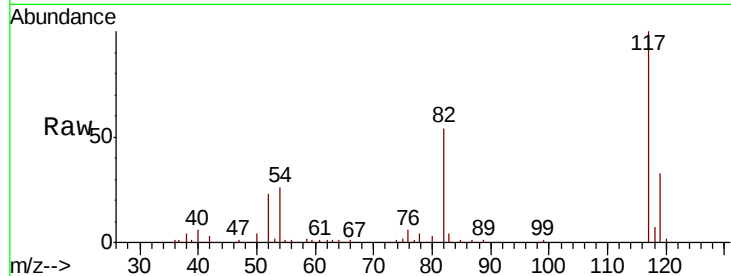




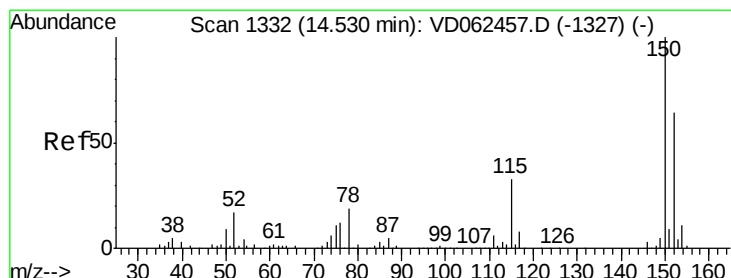
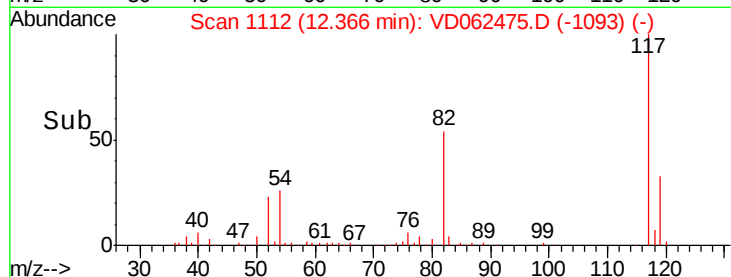
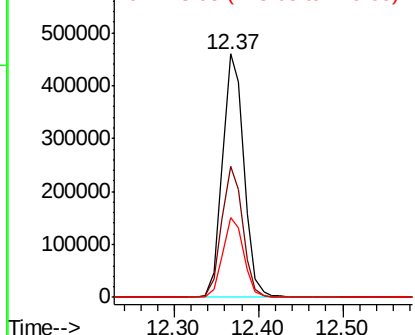
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062475.D
Acq: 21 May 2019 12:25

Instrument :
MSVOA_D
ClientSampleID :

Tot Ion:117 Resp: 812142
Ion Ratio Lower Upper
117 100
82 53.9 36.2 54.2
119 32.7 26.2 39.4

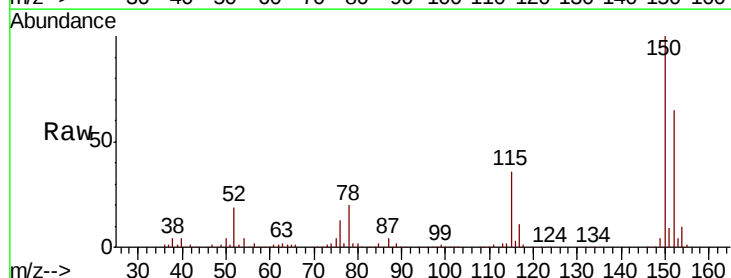


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

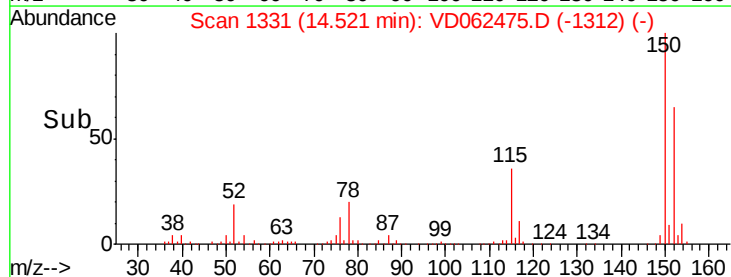
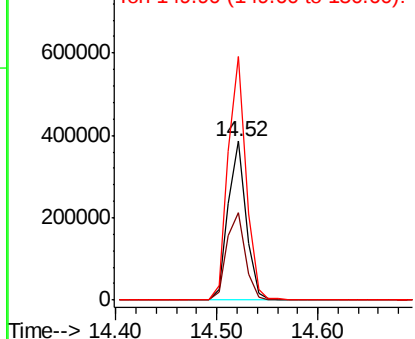


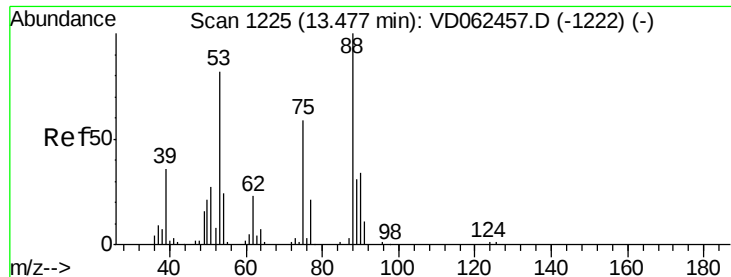
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD062475.D
Acq: 21 May 2019 12:25

Tgt Ion:152 Resp: 476200
Ion Ratio Lower Upper
152 100
115 55.4 30.9 92.7
150 153.5 0.0 314.8



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: 140.974 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.08 min

Lab File: VD062475.D

Acq: 21 May 2019 12:25

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 223008

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

