

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
 Data File : VD062498.D
 Acq On : 22 May 2019 12:37
 Operator : VA/AP
 Sample : VD0522SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 23 03:11:39 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

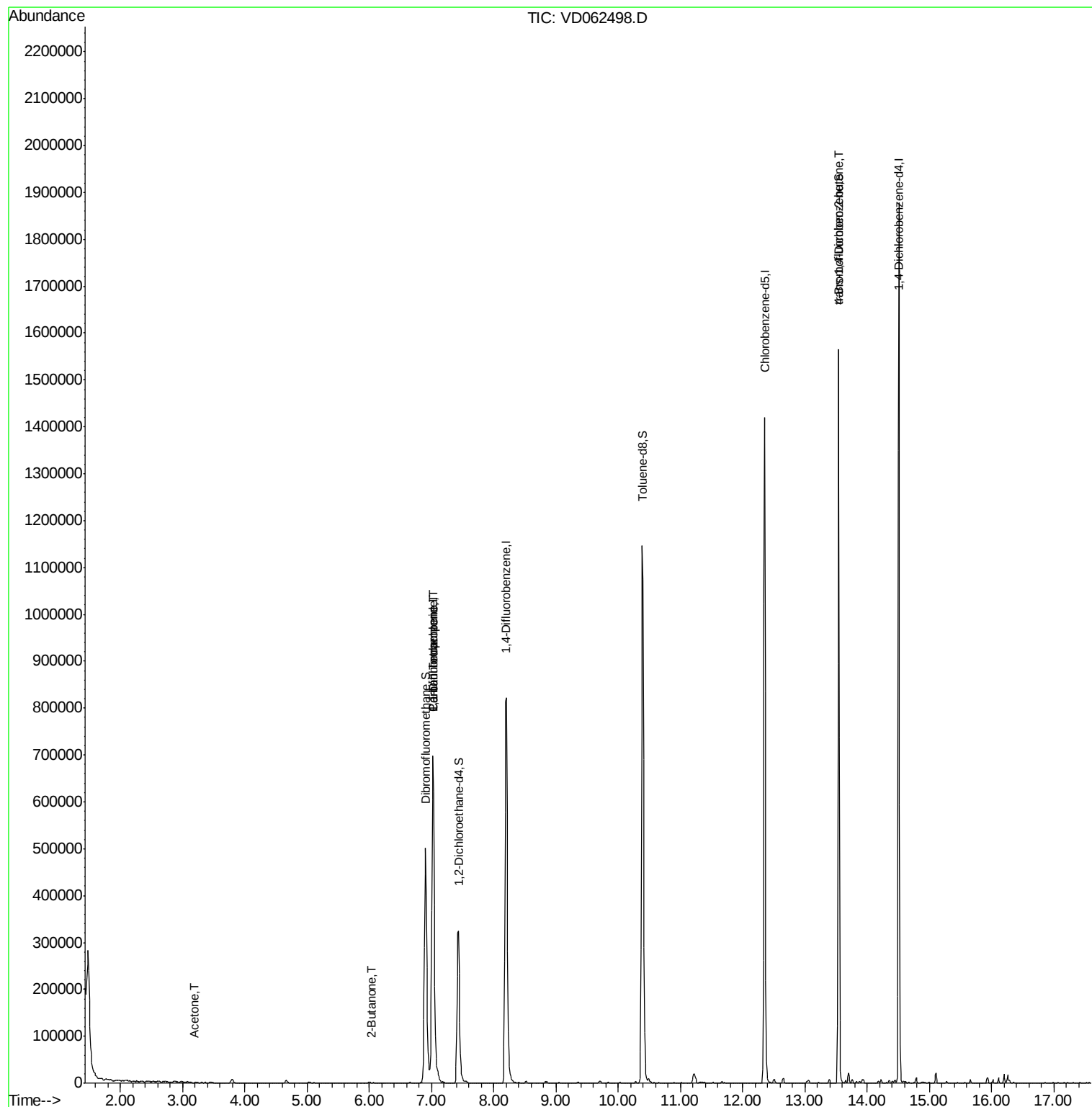
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	669258	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.20	114	940341	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	753984	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	413631	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	382955	53.46	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	106.92%	
35) Dibromofluoromethane	6.90	113	446054	52.58	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	105.16%	
50) Toluene-d8	10.39	98	990010	53.33	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	106.66%	
62) 4-Bromofluorobenzene	13.55	95	413910	50.97	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	101.94%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.57	85	1285	Below Cal		97
16) Acetone	3.19	43	2547	1.984 ug/l #		50
20) Methylene Chloride	3.79	84	5739	Below Cal		86
25) 2-Butanone	6.05	43	1948	1.451 ug/l #		56
36) 1,1-Dichloropropene	7.02	75	52212	5.808 ug/l #		47
38) Carbon Tetrachloride	7.02	117	72357	5.415 ug/l #		15
81) trans-1,4-Dichloro-2-buten	13.55	75	186394	135.652 ug/l #		16

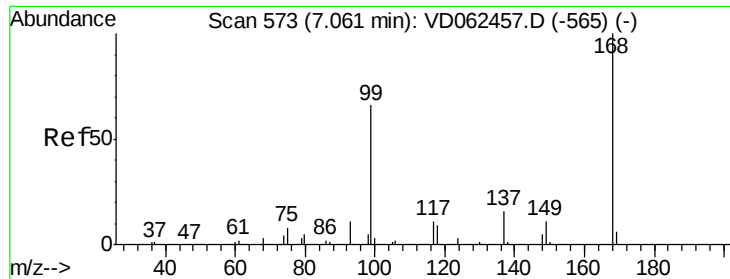
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062498.D
Acq On : 22 May 2019 12:37
Operator : VA/AP
Sample : VD0522SBL01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 23 03:11:39 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

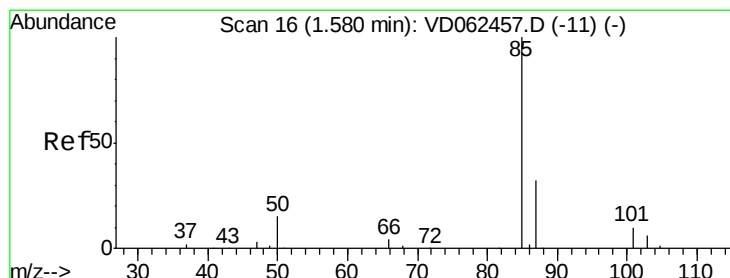
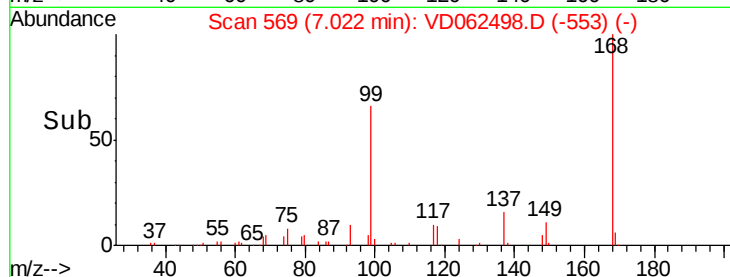
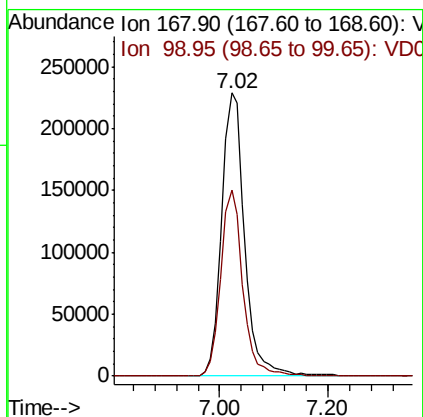
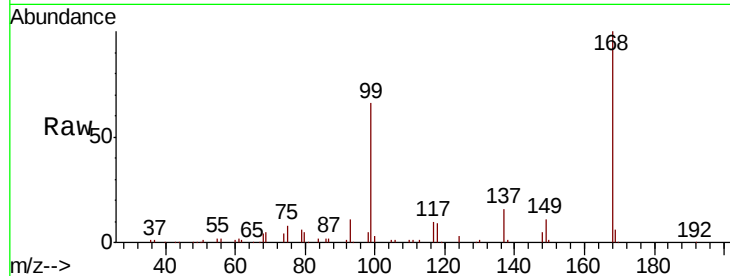




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.02 min Scan# 569
Delta R.T. -0.04 min
Lab File: VD062498.D
Acq: 22 May 2019 12:37

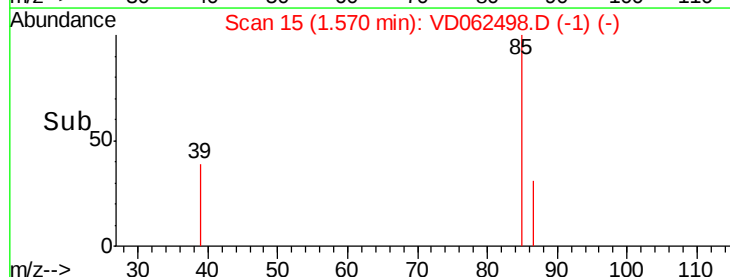
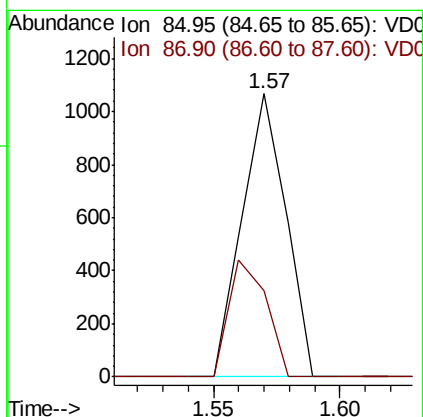
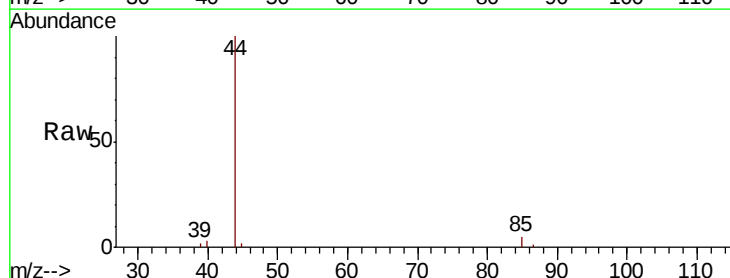
Instrument :
MSVOA_D
ClientSampleId :

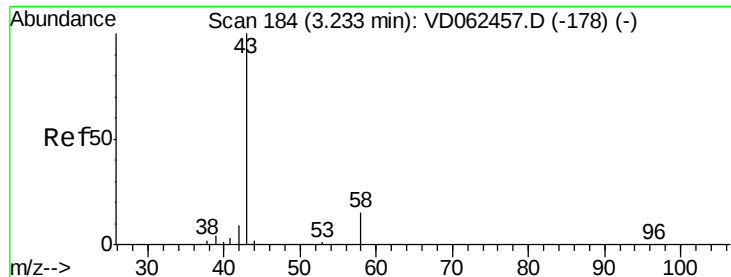
Tot Ion:168 Resp: 669258
Ion Ratio Lower Upper
168 100
99 65.7 46.5 69.7



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.57 min Scan# 15
Delta R.T. -0.01 min
Lab File: VD062498.D
Acq: 22 May 2019 12:37

Tgt Ion: 85 Resp: 1285
Ion Ratio Lower Upper
85 100
87 30.6 16.2 48.6





#16

Acetone

Concen: 1.984 ug/l

RT: 3.19 min Scan# 180

Delta R.T. -0.04 min

Lab File: VD062498.D

Acq: 22 May 2019 12:37

Instrument :

MSVOA_D

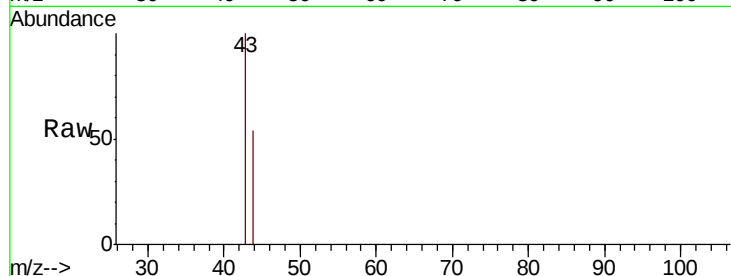
ClientSampleId :

Tot Ion: 43 Resp: 2547

Ion Ratio Lower Upper

43 100

58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

1200

1000

800

600

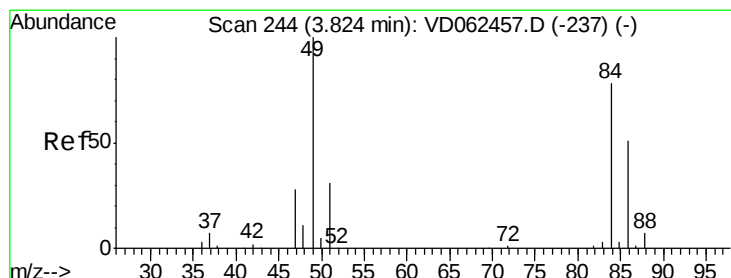
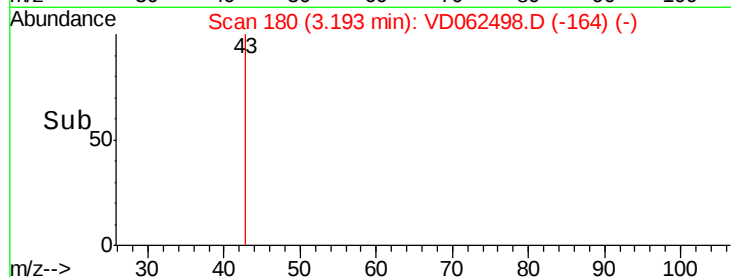
400

200

0

3.15 3.20 3.25

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 3.79 min Scan# 241

Delta R.T. -0.03 min

Lab File: VD062498.D

Acq: 22 May 2019 12:37

Tgt Ion: 84 Resp: 5739

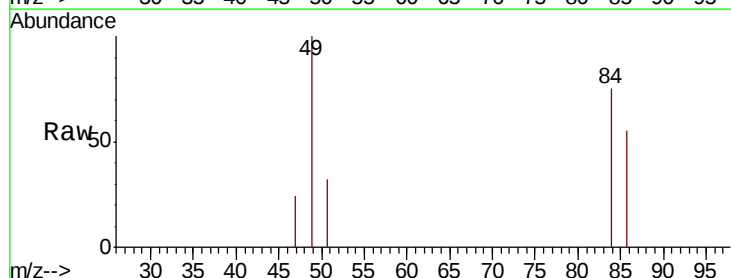
Ion Ratio Lower Upper

84 100

49 133.2 94.0 141.0

51 42.1 29.0 43.4

86 73.5 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

4000

3000

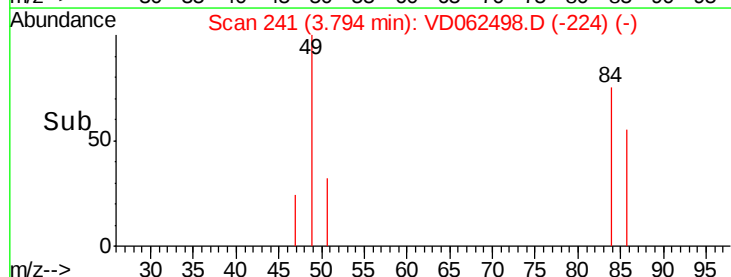
2000

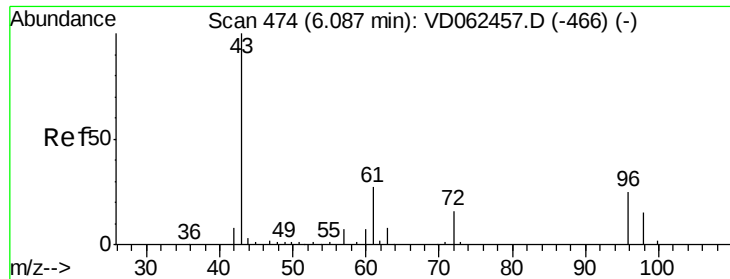
1000

0

3.70 3.75 3.80 3.85

Time-->





#25

2-Butanone

Concen: 1.451 ug/l

RT: 6.05 min Scan# 470

Delta R.T. -0.04 min

Lab File: VD062498.D

Acq: 22 May 2019 12:37

Instrument :

MSVOA_D

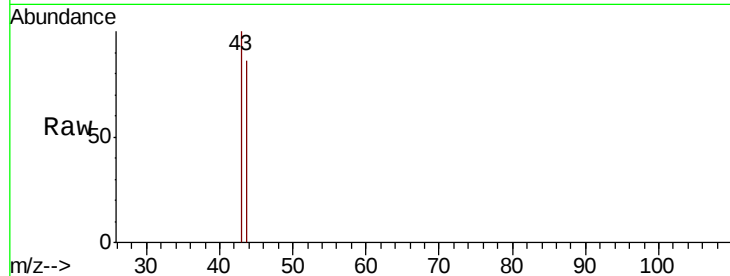
ClientSampled :

Tot Ion: 43 Resp: 1948

Ion Ratio Lower Upper

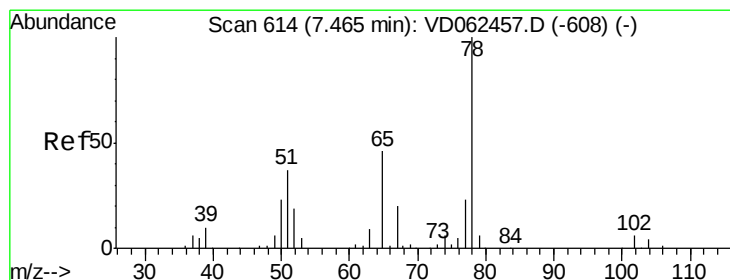
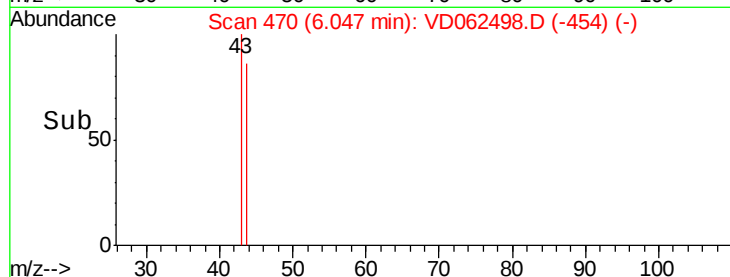
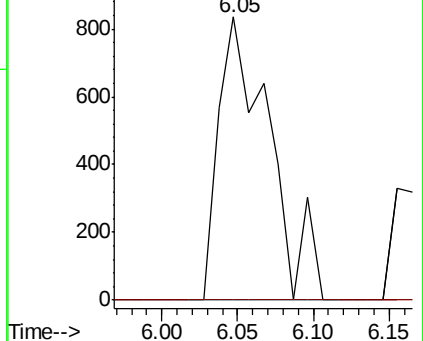
43 100

72 0.0 16.2 24.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 53.456 ug/l

RT: 7.43 min Scan# 611

Delta R.T. -0.03 min

Lab File: VD062498.D

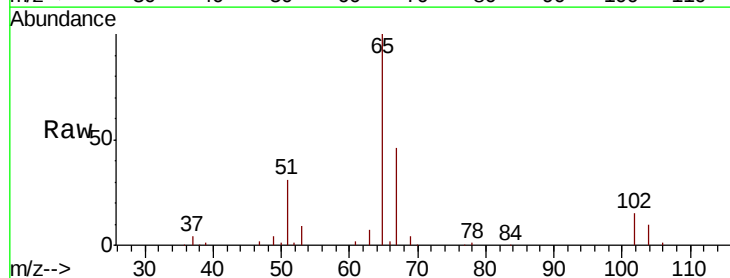
Acq: 22 May 2019 12:37

Tgt Ion: 65 Resp: 382955

Ion Ratio Lower Upper

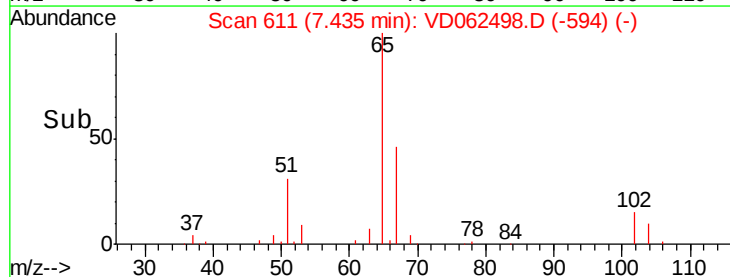
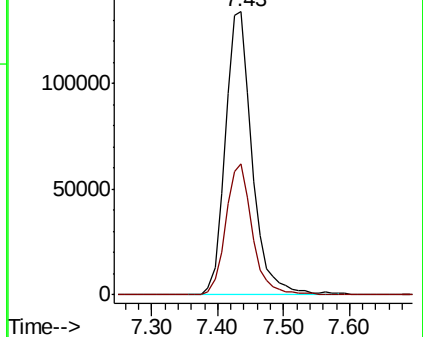
65 100

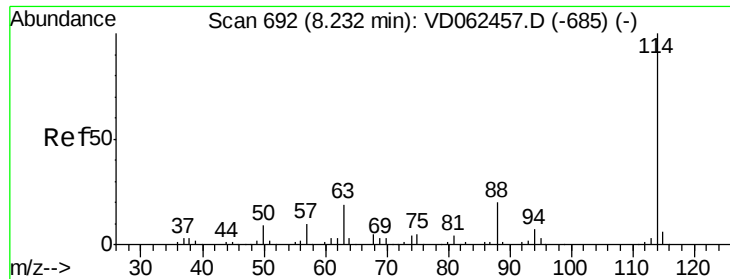
67 46.3 0.0 98.0



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# 689

Delta R.T. -0.03 min

Lab File: VD062498.D

Acq: 22 May 2019 12:37

Instrument :

MSVOA_D

ClientSampleId :

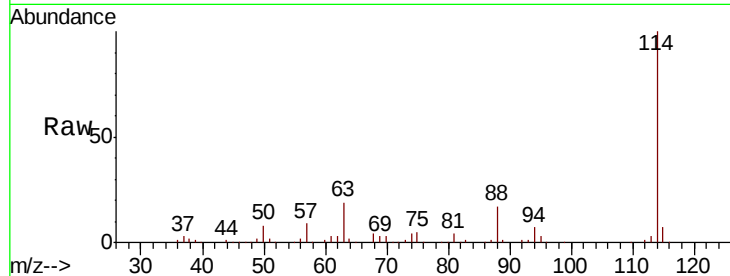
Tot Ion:114 Resp: 940341

Ion Ratio Lower Upper

114 100

63 18.6 0.0 32.4

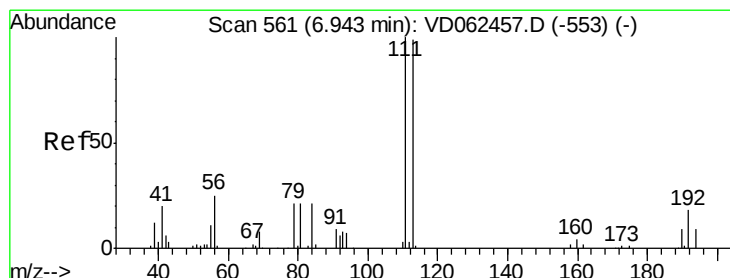
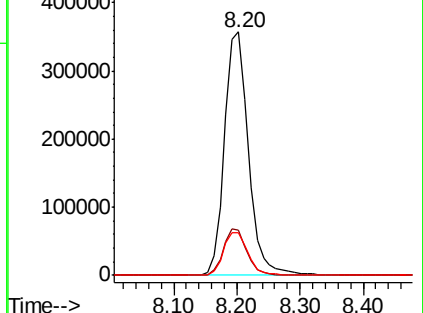
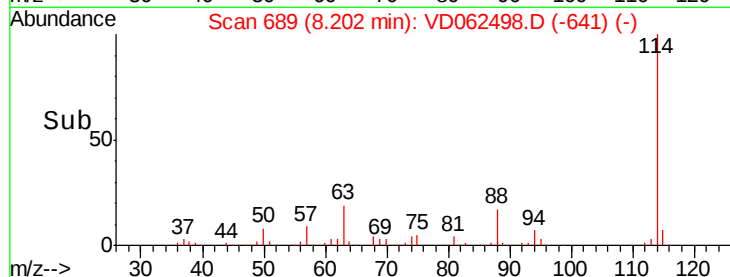
88 17.4 0.0 33.6



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: 52.582 ug/l

RT: 6.90 min Scan# 557

Delta R.T. -0.04 min

Lab File: VD062498.D

Acq: 22 May 2019 12:37

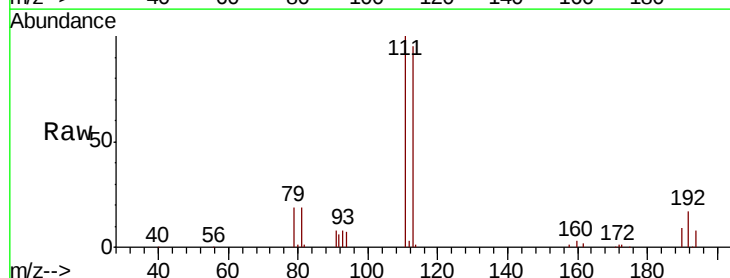
Tgt Ion:113 Resp: 446054

Ion Ratio Lower Upper

113 100

111 105.3 78.5 117.7

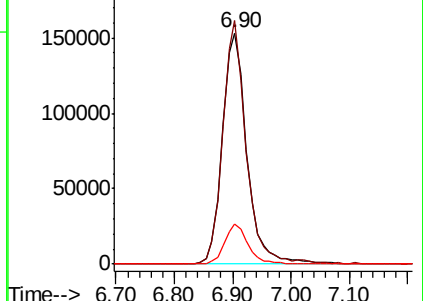
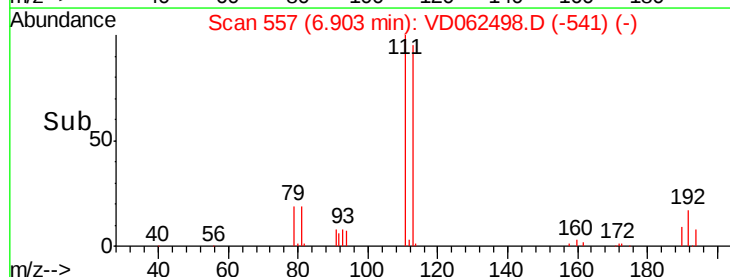
192 17.5 13.0 19.4

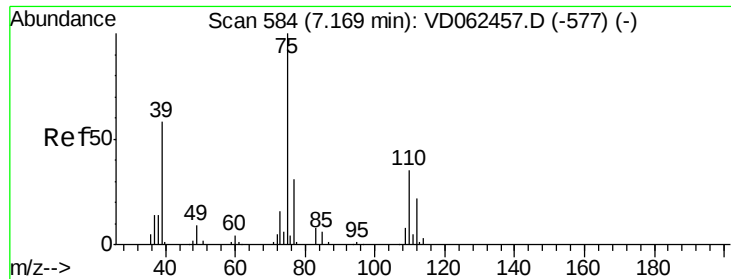


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 5.808 ug/l

RT: 7.02 min Scan# 569

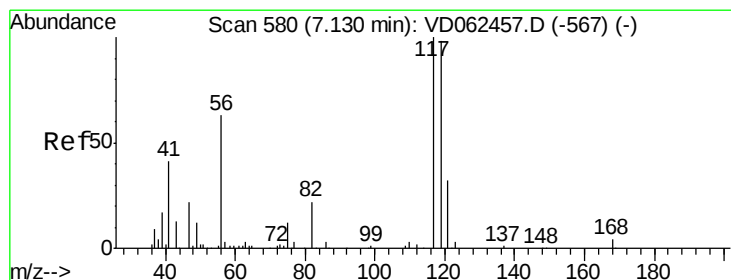
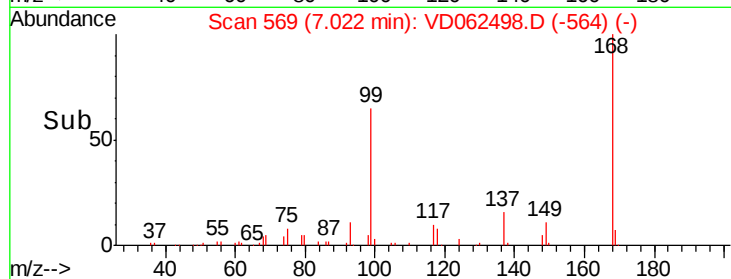
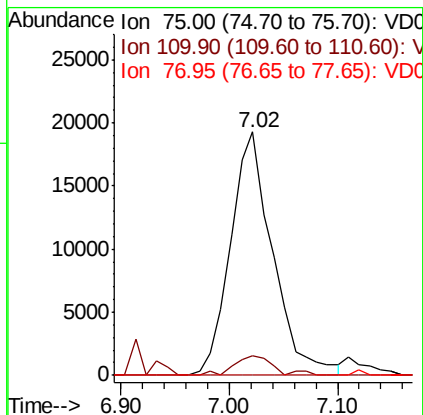
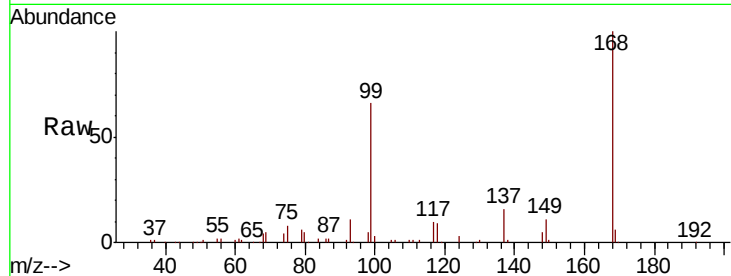
Delta R.T. -0.15 min

Lab File: VD062498.D

Acq: 22 May 2019 12:37

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:	75	Resp:	52212
Ion	Ratio	Lower	Upper
75	100		
110	8.1	19.1	57.1#
77	0.0	25.6	38.4#



#38

Carbon Tetrachloride

Concen: 5.415 ug/l

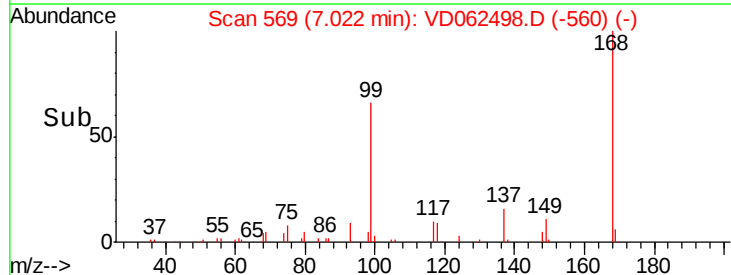
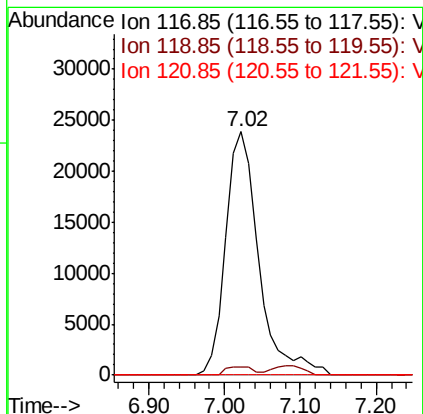
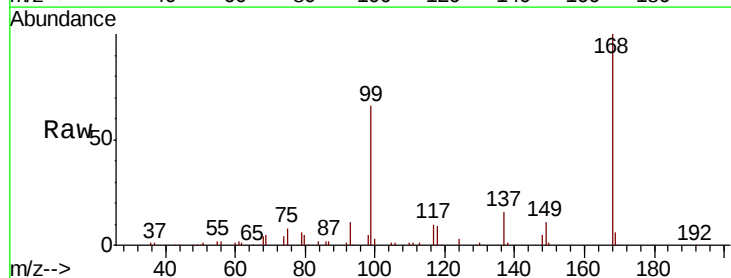
RT: 7.02 min Scan# 569

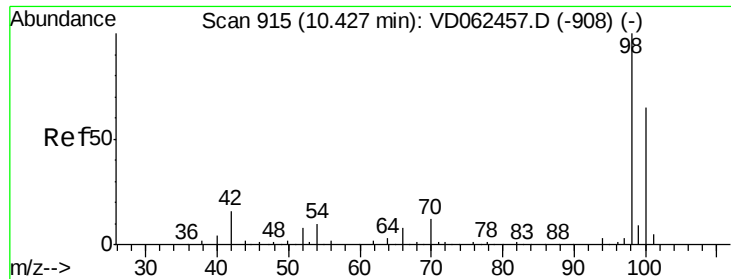
Delta R.T. -0.11 min

Lab File: VD062498.D

Acq: 22 May 2019 12:37

Tgt Ion:	117	Resp:	72357
Ion	Ratio	Lower	Upper
117	100		
119	3.5	75.8	113.8#
121	0.0	25.9	38.9#

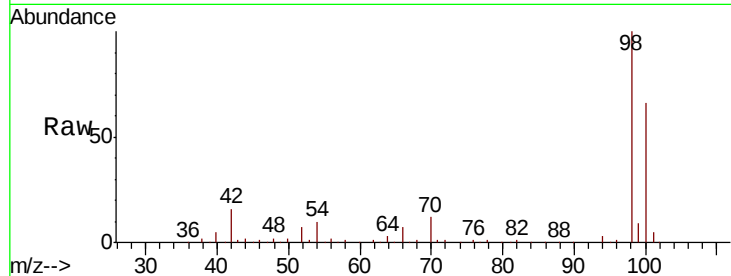




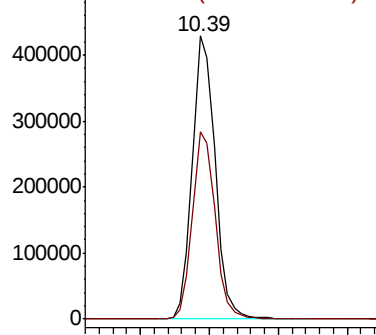
#50
Toluene-d8
Concen: 53.329 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.04 min
Lab File: VD062498.D
Acq: 22 May 2019 12:37

Instrument :
MSVOA_D
ClientSampleId :

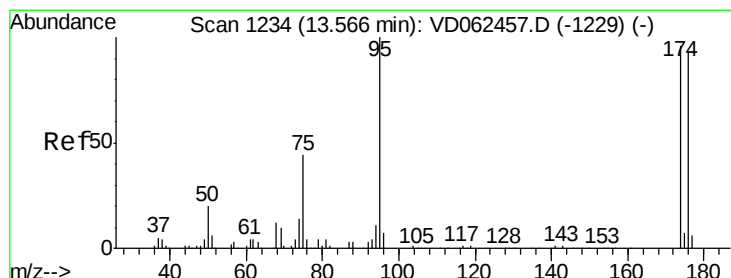
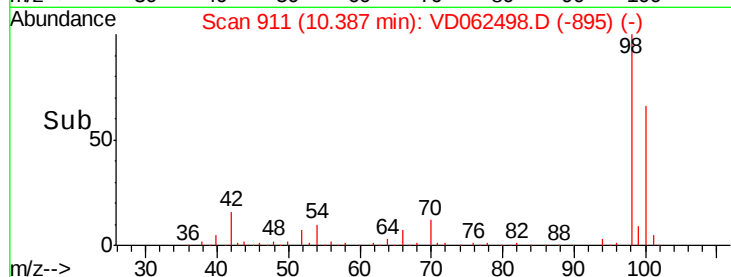
Tot Ion: 98 Resp: 990010
Ion Ratio Lower Upper
98 100
100 66.1 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062457.D (-908) (-)
Ion 100.05 (99.75 to 100.75): VD062457.D (-908) (-)

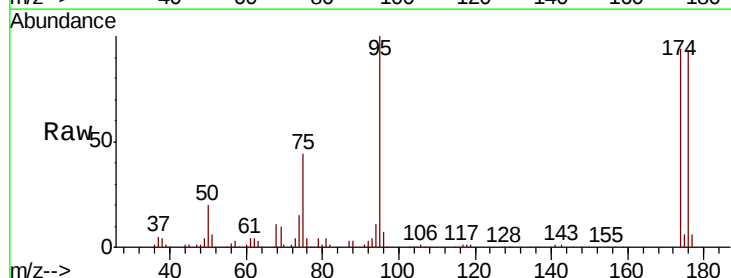


Time-->

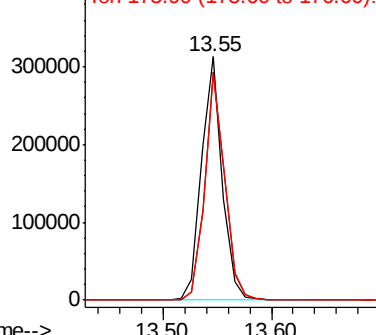


#62
4-Bromofluorobenzene
Concen: 50.970 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VD062498.D
Acq: 22 May 2019 12:37

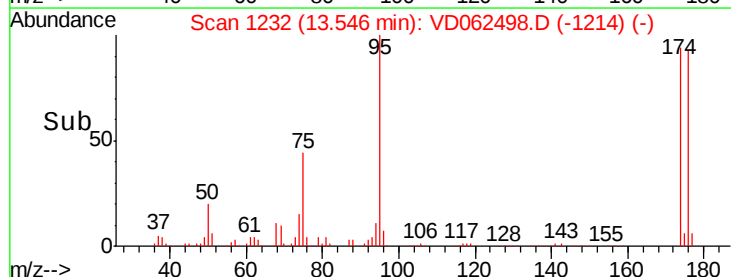
Tgt Ion: 95 Resp: 413910
Ion Ratio Lower Upper
95 100
174 93.6 0.0 181.8
176 92.6 0.0 174.4

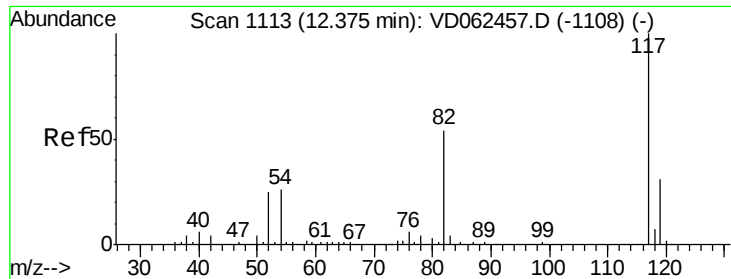


Abundance Ion 95.00 (94.70 to 95.70): VD062457.D (-1229) (-)
Ion 173.90 (173.60 to 174.60): VD062457.D (-1229) (-)
Ion 175.90 (175.60 to 176.60): VD062457.D (-1229) (-)



Time-->

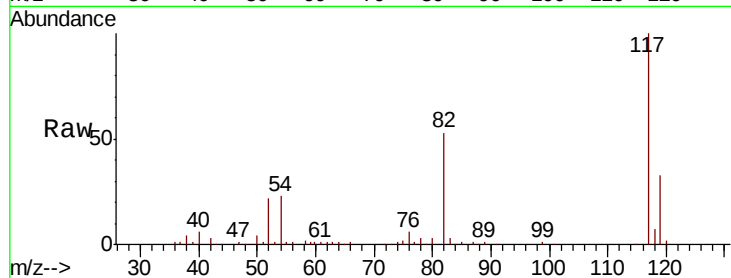




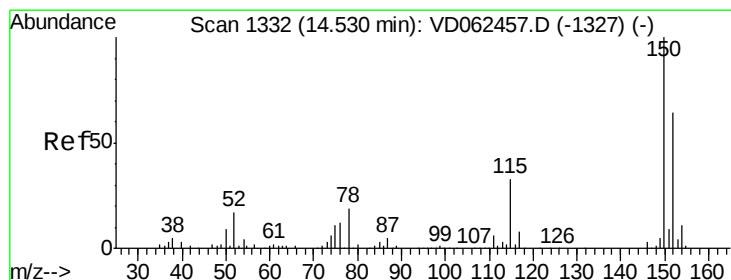
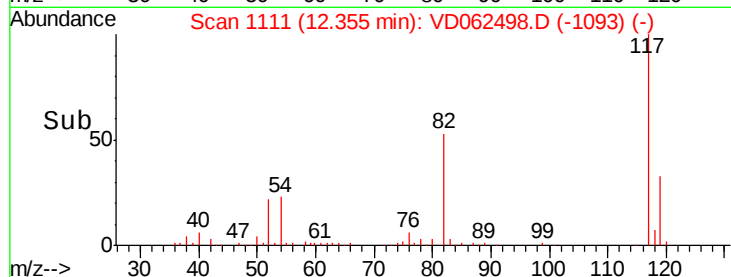
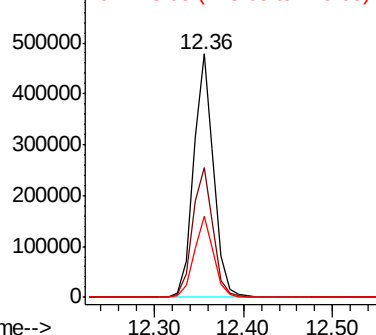
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD062498.D
Acq: 22 May 2019 12:37

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 753984
Ion Ratio Lower Upper
117 100
82 53.3 36.2 54.2
119 33.1 26.2 39.4

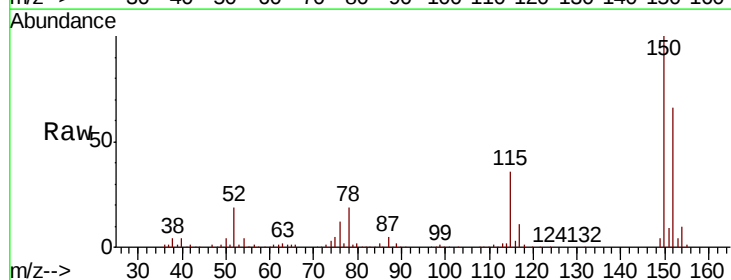


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

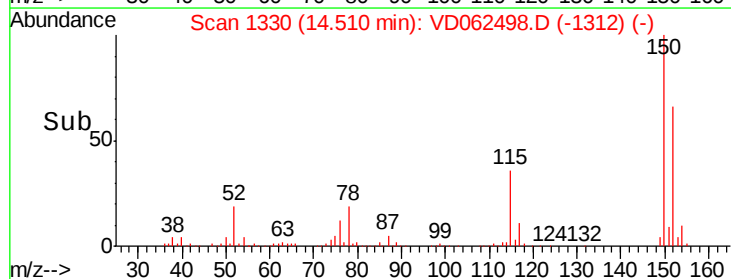
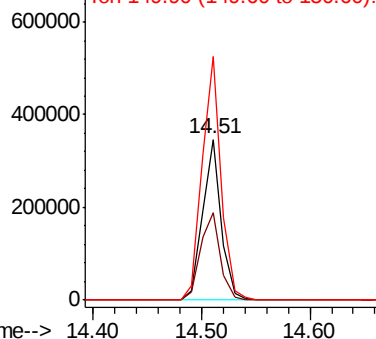


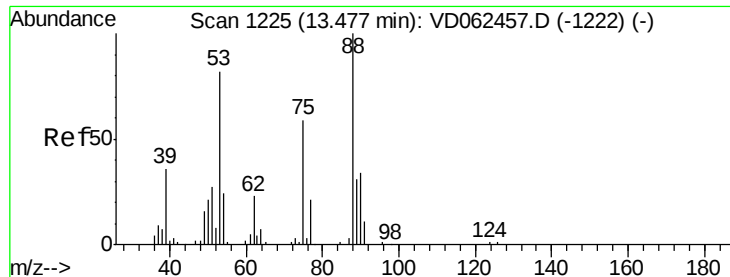
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD062498.D
Acq: 22 May 2019 12:37

Tgt Ion:152 Resp: 413631
Ion Ratio Lower Upper
152 100
115 54.4 30.9 92.7
150 151.6 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: 135.652 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD062498.D

Acq: 22 May 2019 12:37

Instrument :

MSVOA_D

ClientSampleId :

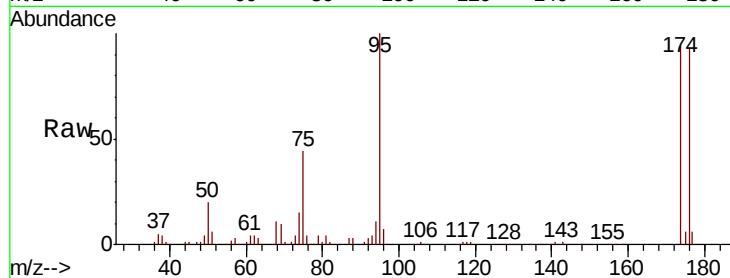
Tot Ion: 75 Resp: 186394

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



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

