

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052119\
 Data File : VD062493.D
 Acq On : 21 May 2019 20:40
 Operator : VA/AP
 Sample : K2971-02RE
 Misc : 5.47g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 22 01:46:24 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

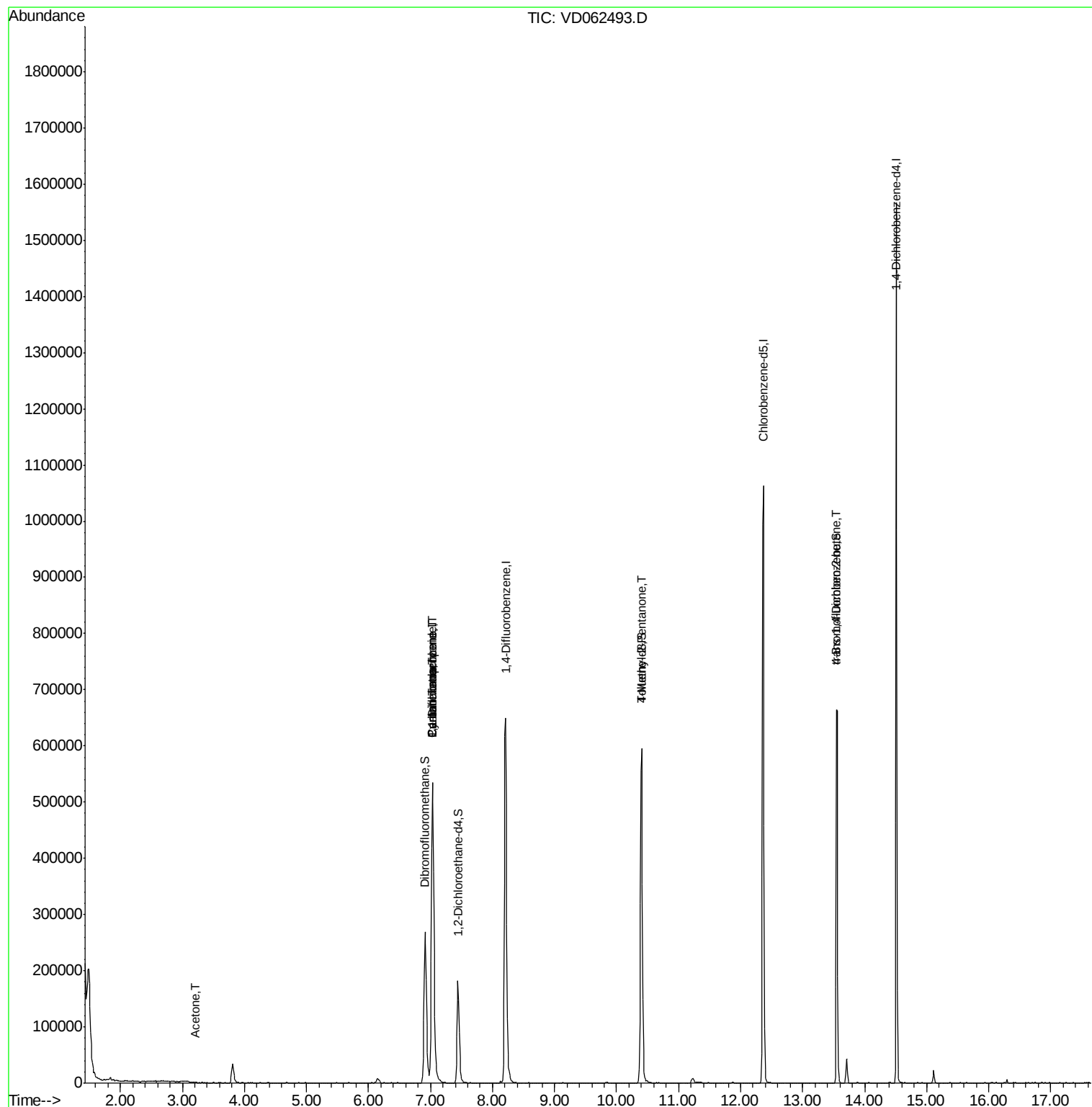
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	535419	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	708249	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	604907	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	322725	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	198056	34.56	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	69.12%	
35) Dibromofluoromethane	6.91	113	241174	37.75	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	75.50%	
50) Toluene-d8	10.41	98	485354	34.71	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	69.42%	
62) 4-Bromofluorobenzene	13.55	95	206974	33.84	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	67.68%	
Target Compounds						
					Qvalue	
16) Acetone	3.20	43	1713	1.668	ug/l #	50
20) Methylene Chloride	3.81	84	22271	Below Cal		91
31) Cyclohexane	7.03	56	10899	2.014	ug/l #	2
36) 1,1-Dichloropropene	7.03	75	39576	5.845	ug/l #	47
38) Carbon Tetrachloride	7.03	117	54741	5.439	ug/l #	16
51) 4-Methyl-2-Pentanone	10.41	43	2380	1.032	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	93659	87.362	ug/l #	16

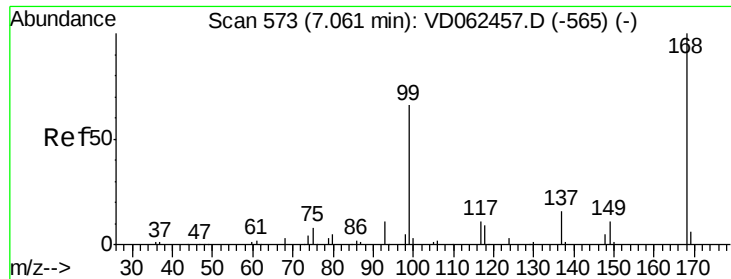
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD052119\
Data File : VD062493.D
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Misc : 5.47g/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

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MSVOA_D
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Quant Time: May 22 01:46:24 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

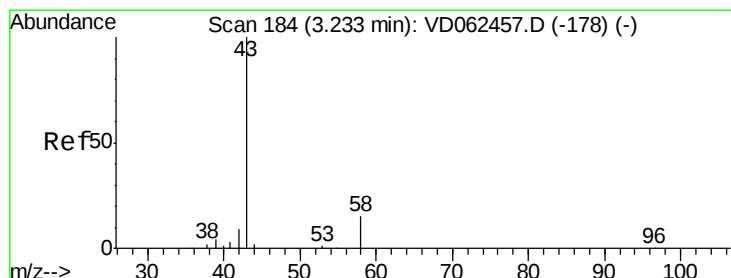
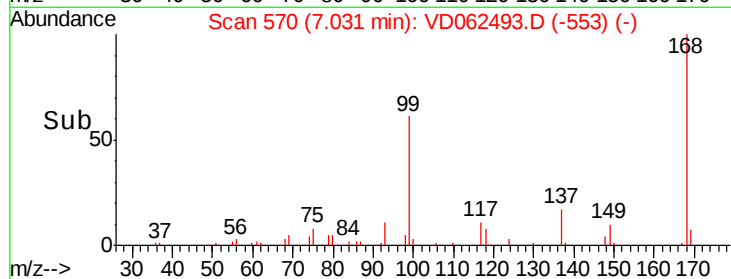
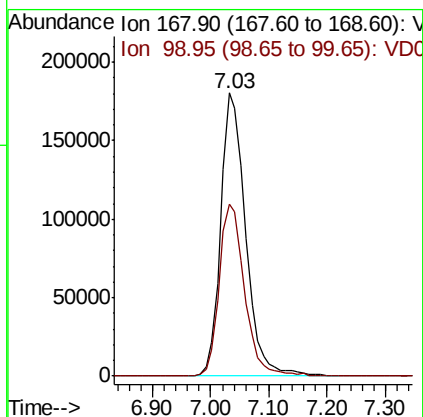
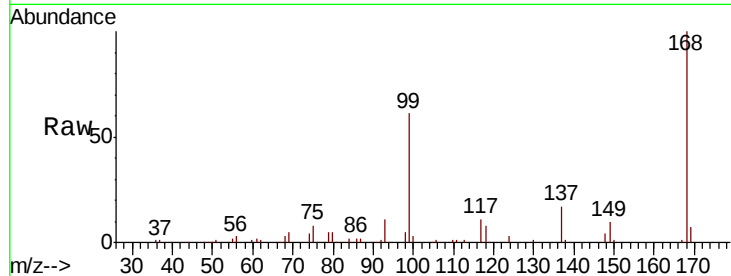




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.03 min
Lab File: VD062493.D
Acq: 21 May 2019 20:40

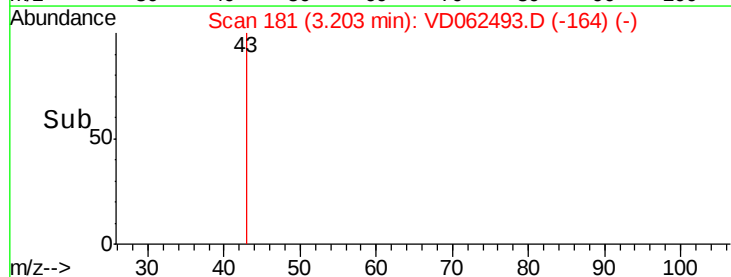
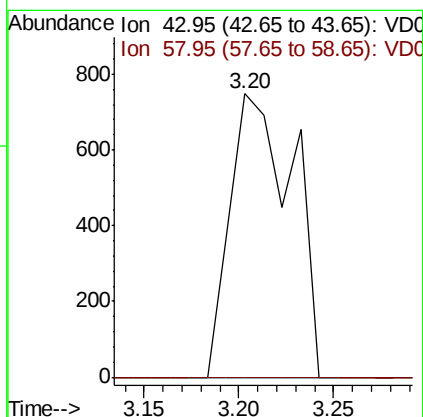
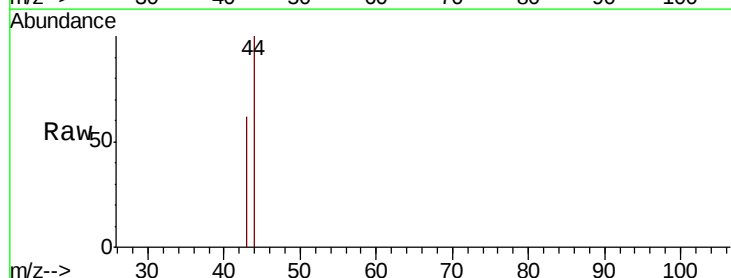
Instrument :
MSVOA_D
ClientSampleId :

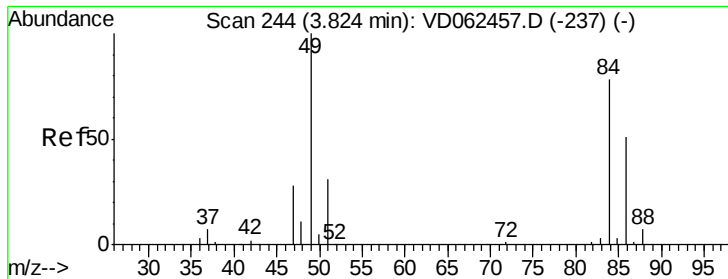
Tot Ion:168 Resp: 535419
Ion Ratio Lower Upper
168 100
99 60.9 46.5 69.7



#16
Acetone
Concen: 1.668 ug/l
RT: 3.20 min Scan# 181
Delta R.T. -0.03 min
Lab File: VD062493.D
Acq: 21 May 2019 20:40

Tgt Ion: 43 Resp: 1713
Ion Ratio Lower Upper
43 100
58 0.0 19.9 29.9#

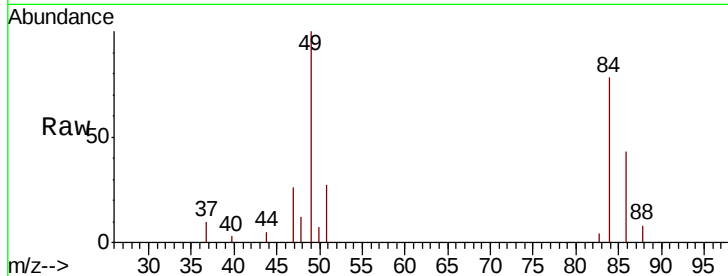




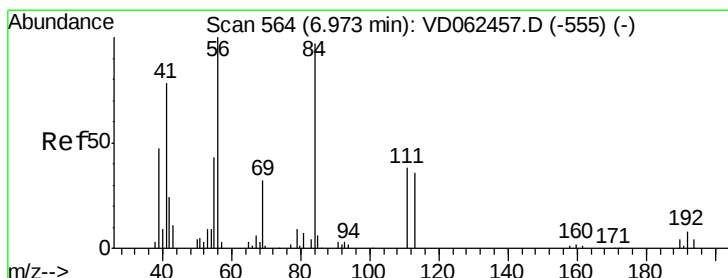
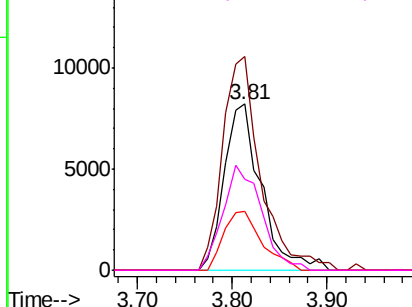
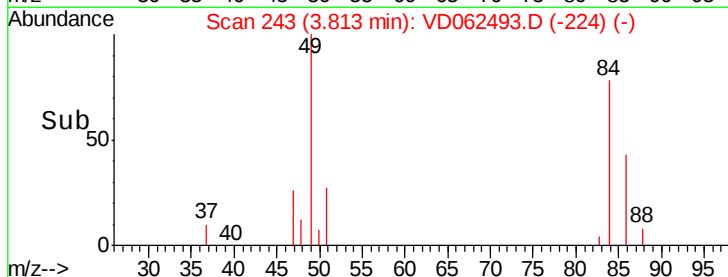
#20
Methylene Chloride
Concen: Below Cal
RT: 3.81 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD062493.D
Acq: 21 May 2019 20:40

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 22271
Ion Ratio Lower Upper
84 100
49 128.7 94.0 141.0
51 35.3 29.0 43.4
86 54.9 49.8 74.6

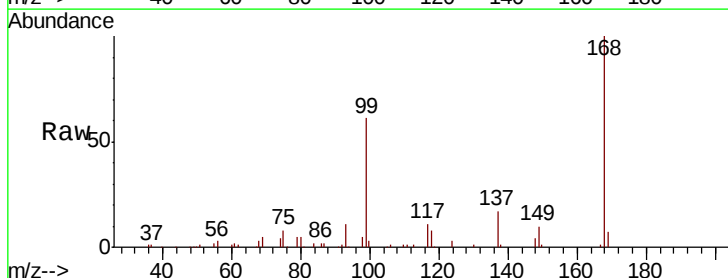


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

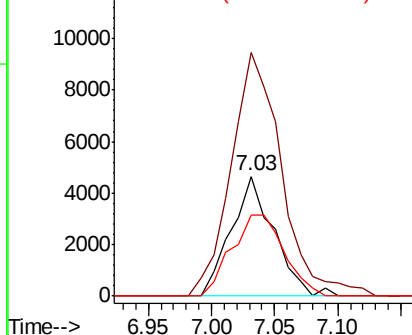
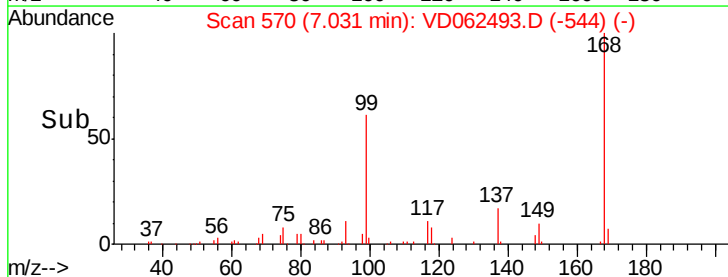


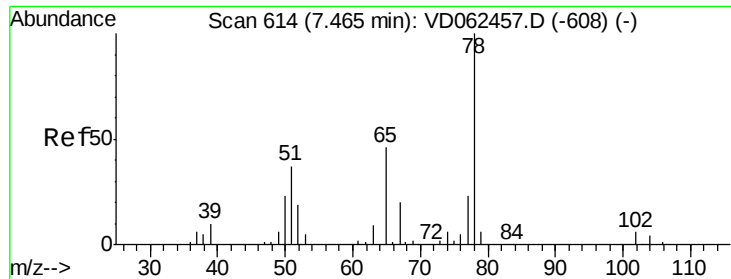
#31
Cyclohexane
Concen: 2.014 ug/l
RT: 7.03 min Scan# 570
Delta R.T. 0.06 min
Lab File: VD062493.D
Acq: 21 May 2019 20:40

Tgt Ion: 56 Resp: 10899
Ion Ratio Lower Upper
56 100
69 203.2 25.8 38.6#
84 67.9 72.2 108.4#



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: 34.557 ug/l

RT: 7.44 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD062493.D

Acq: 21 May 2019 20:40

Instrument :

MSVOA_D

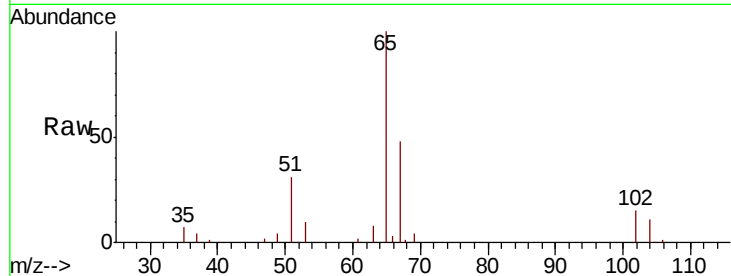
ClientSampleId :

Tot Ion: 65 Resp: 198056

Ion Ratio Lower Upper

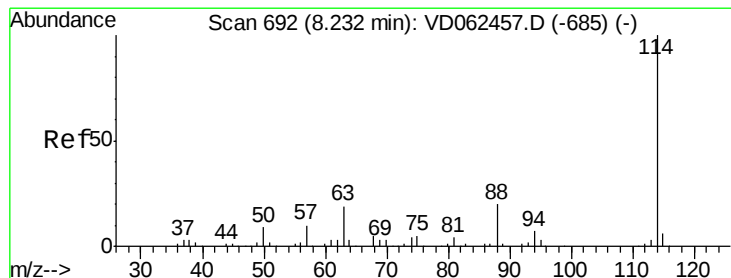
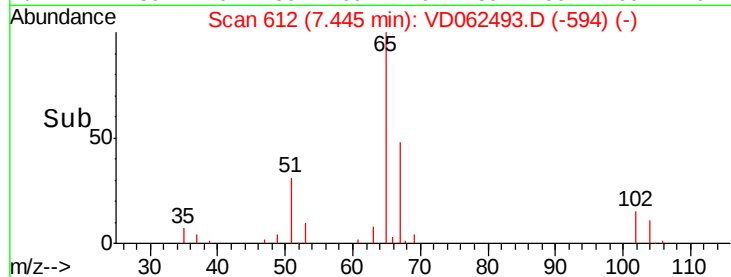
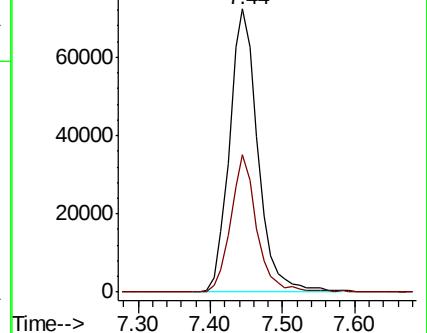
65 100

67 48.4 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: 8.21 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD062493.D

Acq: 21 May 2019 20:40

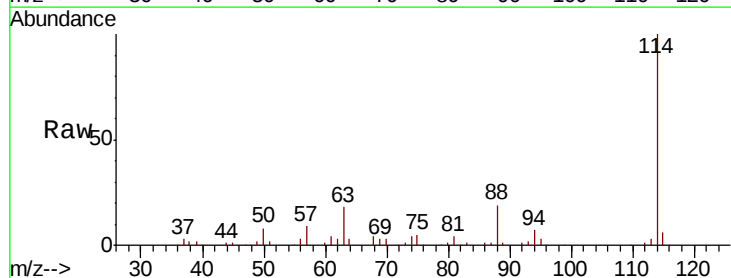
Tgt Ion: 114 Resp: 708249

Ion Ratio Lower Upper

114 100

63 18.2 0.0 32.4

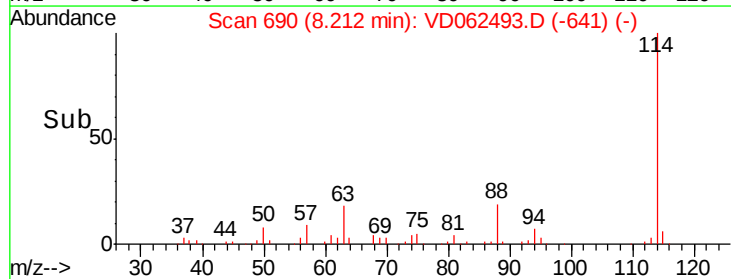
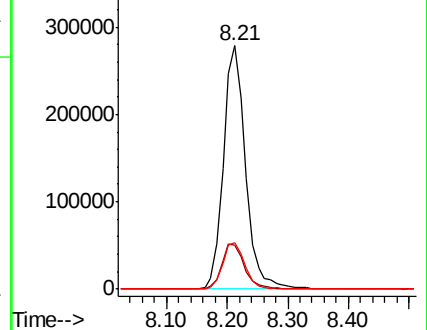
88 18.9 0.0 33.6

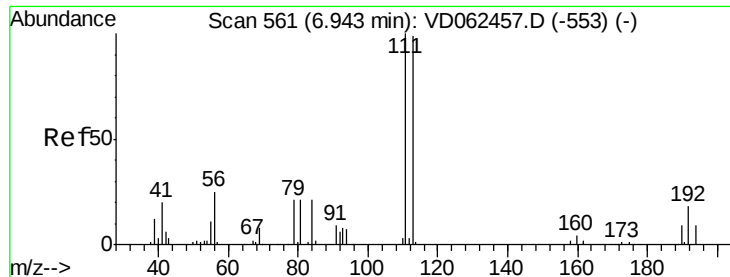


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 37.747 ug/l

RT: 6.91 min Scan# 558

Delta R.T. -0.03 min

Lab File: VD062493.D

Acq: 21 May 2019 20:40

Instrument :

MSVOA_D

ClientSampled :

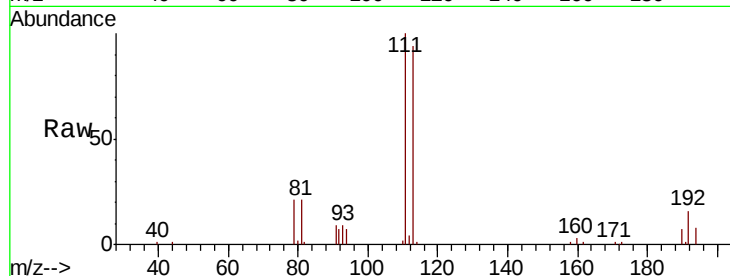
Tot Ion:113 Resp: 241174

Ion Ratio Lower Upper

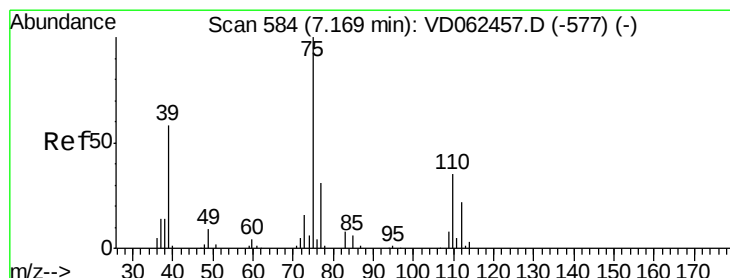
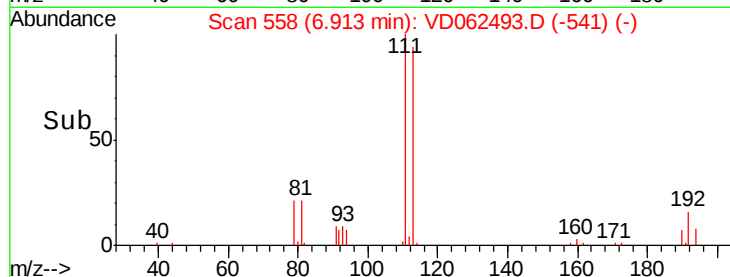
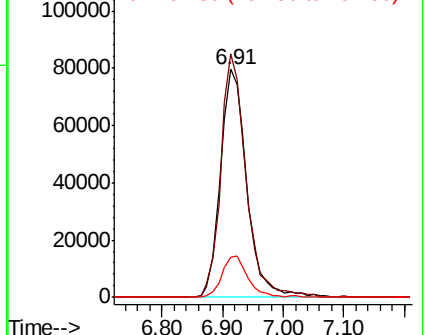
113 100

111 106.8 78.5 117.7

192 17.3 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: 5.845 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.14 min

Lab File: VD062493.D

Acq: 21 May 2019 20:40

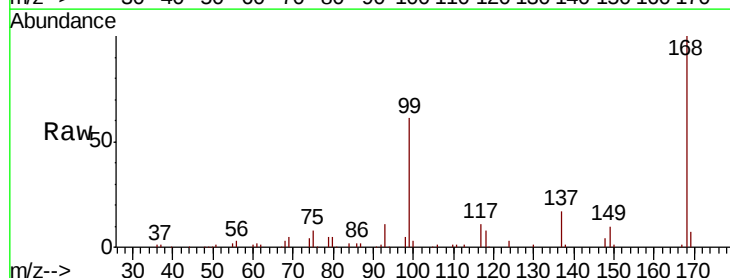
Tgt Ion: 75 Resp: 39576

Ion Ratio Lower Upper

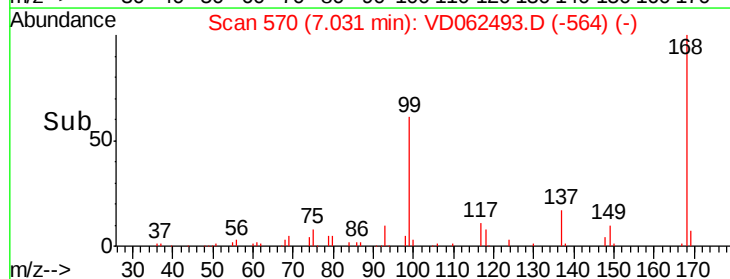
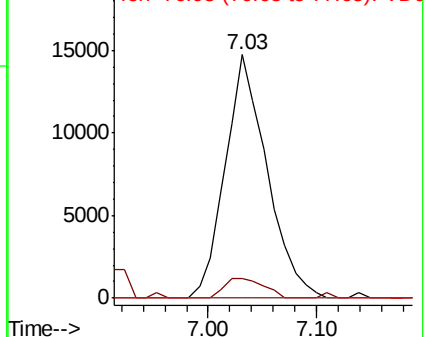
75 100

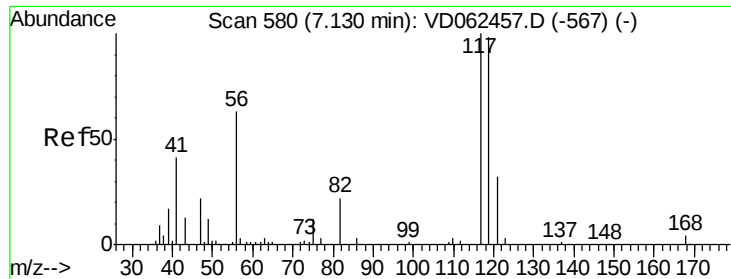
110 7.9 19.1 57.1#

77 0.0 25.6 38.4#



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

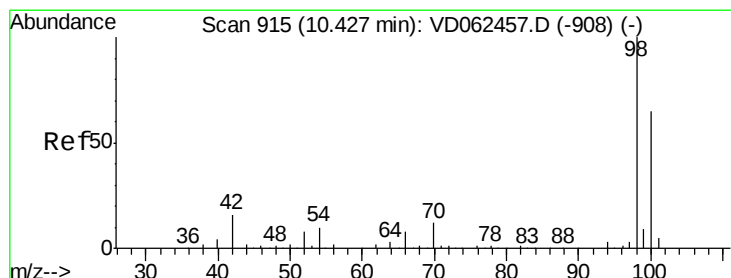
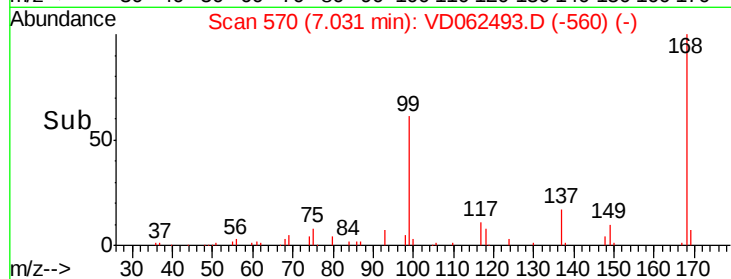
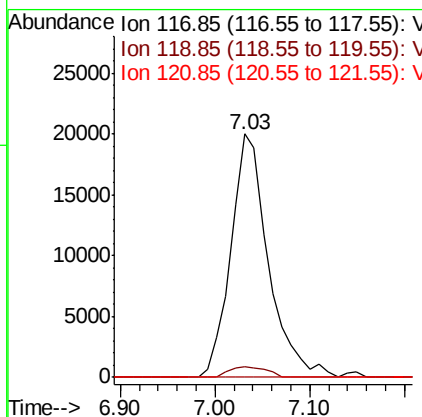
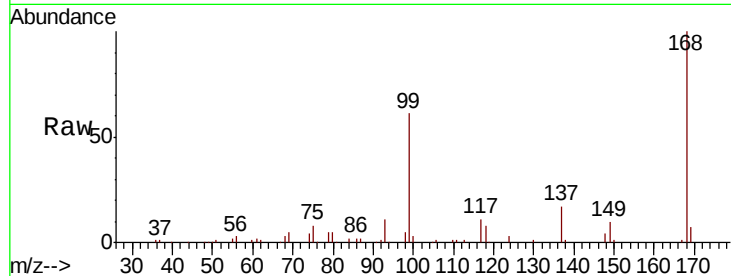




#38
 Carbon Tetrachloride
 Concen: 5.439 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.10 min
 Lab File: VD062493.D
 Acq: 21 May 2019 20:40

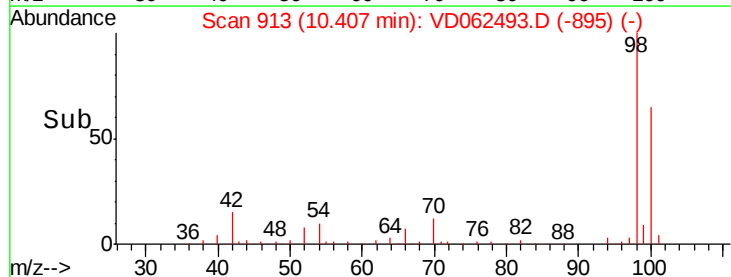
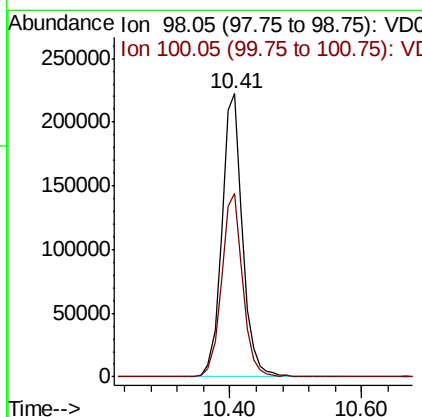
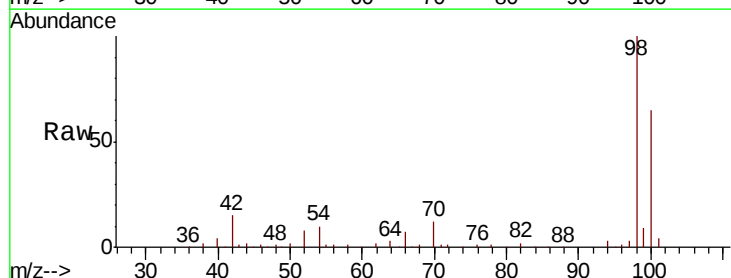
Instrument :
 MSVOA_D
 ClientSampled :

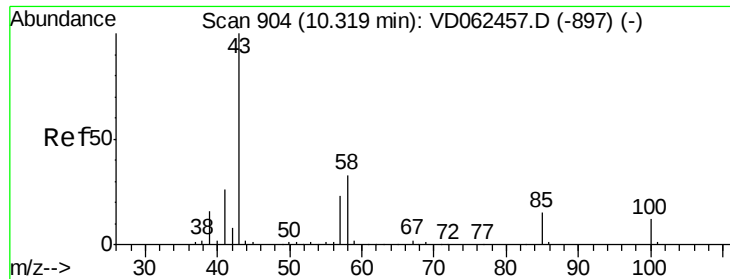
Tot Ion:117 Resp: 54741
 Ion Ratio Lower Upper
 117 100
 119 4.2 75.8 113.8#
 121 0.0 25.9 38.9#



#50
 Toluene-d8
 Concen: 34.712 ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. -0.02 min
 Lab File: VD062493.D
 Acq: 21 May 2019 20:40

Tgt Ion: 98 Resp: 485354
 Ion Ratio Lower Upper
 98 100
 100 64.9 53.8 80.8





#51

4-Methyl-2-Pentanone

Concen: 1.032 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.09 min

Lab File: VD062493.D

Acq: 21 May 2019 20:40

Instrument :

MSVOA_D

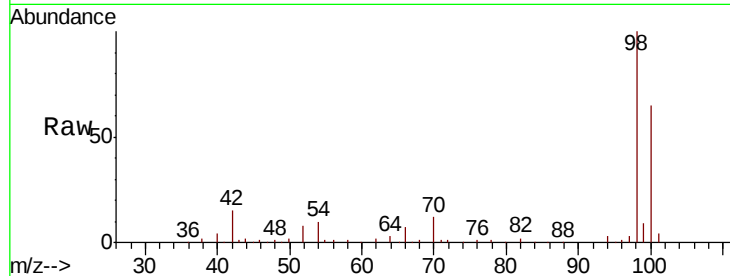
ClientSampleID :

Tot Ion: 43 Resp: 2380

Ion Ratio Lower Upper

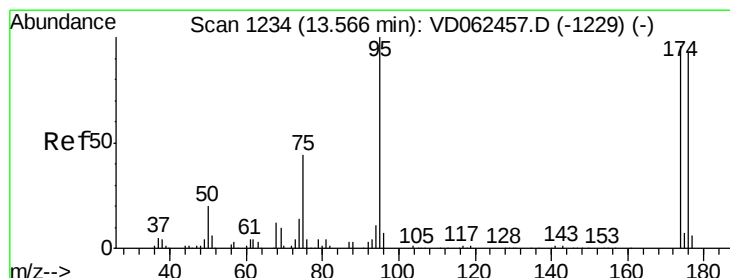
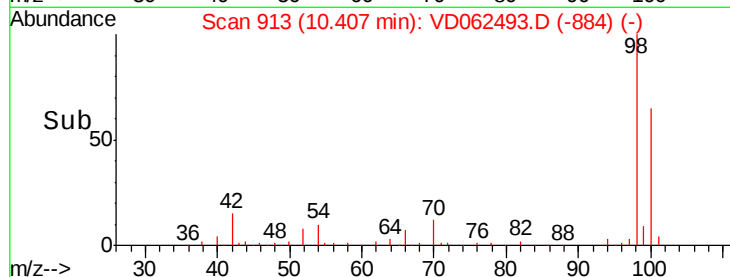
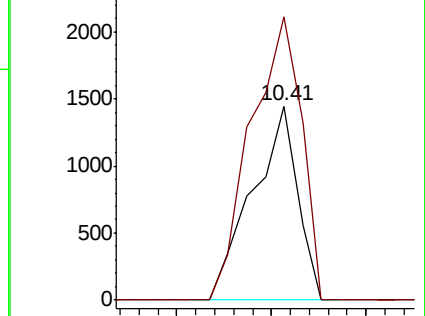
43 100

58 146.0 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: 33.840 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.02 min

Lab File: VD062493.D

Acq: 21 May 2019 20:40

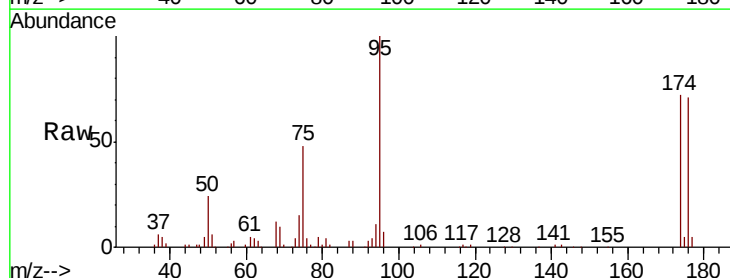
Tgt Ion: 95 Resp: 206974

Ion Ratio Lower Upper

95 100

174 71.9 0.0 181.8

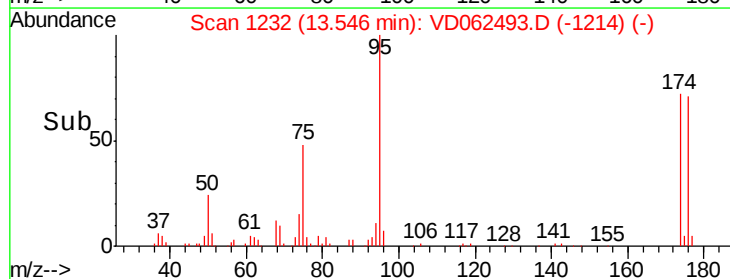
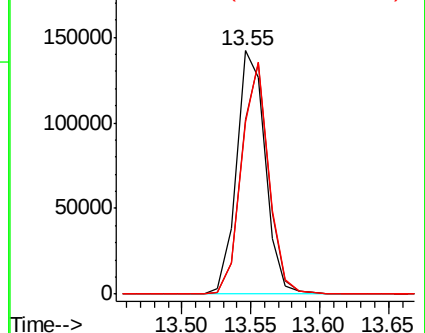
176 70.6 0.0 174.4

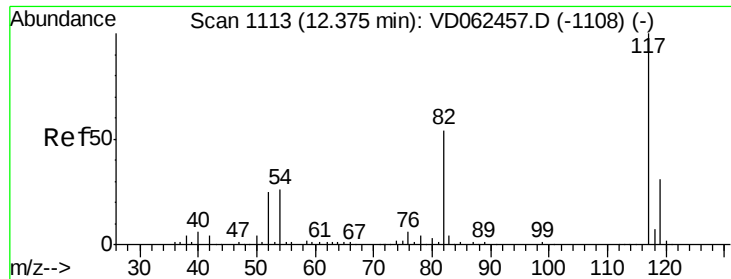


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

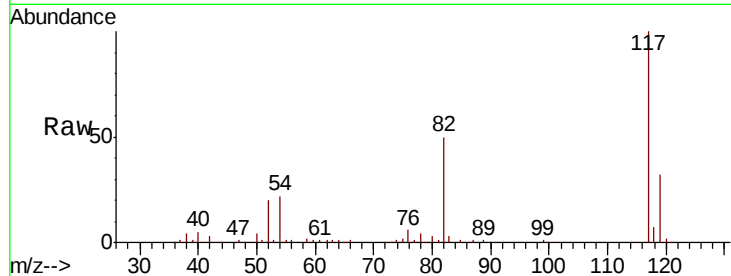




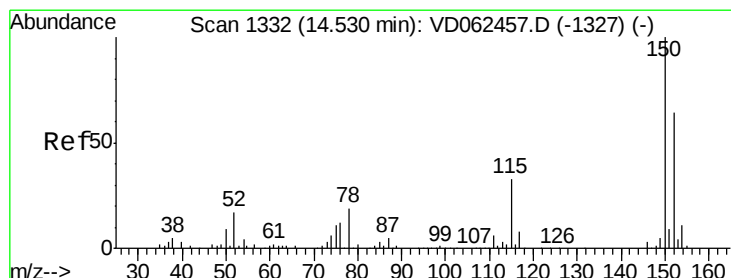
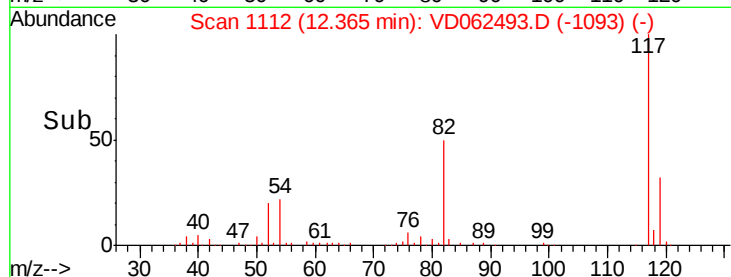
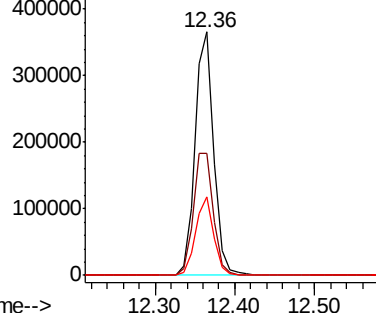
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062493.D
Acq: 21 May 2019 20:40

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 604907
Ion Ratio Lower Upper
117 100
82 50.3 36.2 54.2
119 32.3 26.2 39.4

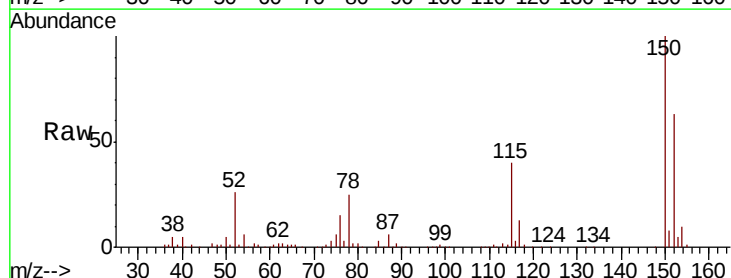


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

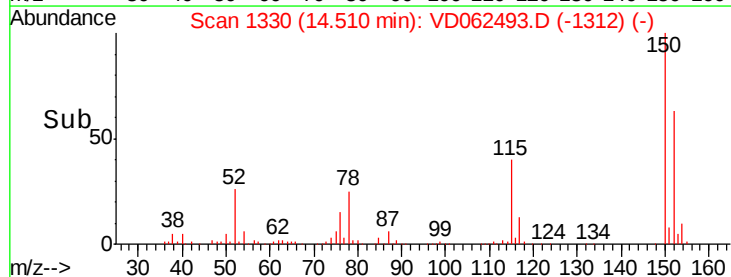
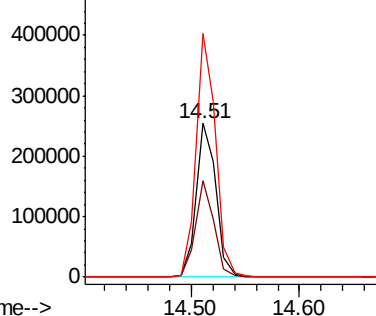


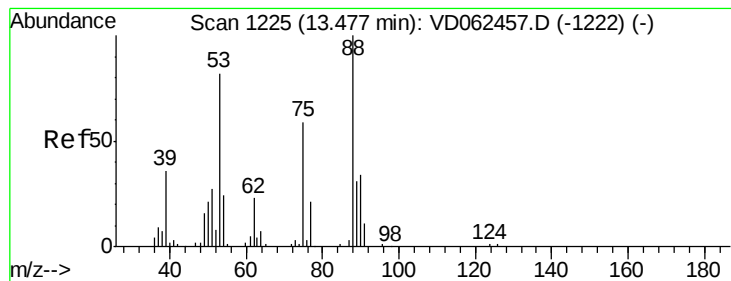
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD062493.D
Acq: 21 May 2019 20:40

Tgt Ion:152 Resp: 322725
Ion Ratio Lower Upper
152 100
115 62.6 30.9 92.7
150 158.2 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: 87.362 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD062493.D

Acq: 21 May 2019 20:40

Instrument :

MSVOA_D

ClientSampleId :

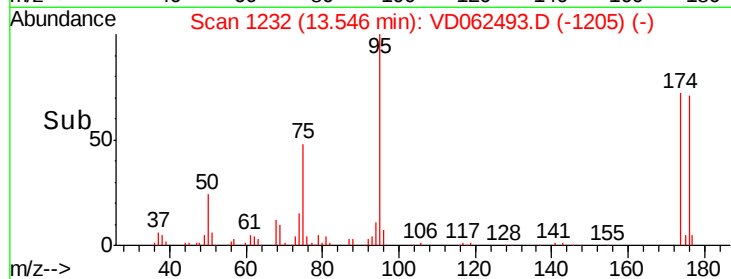
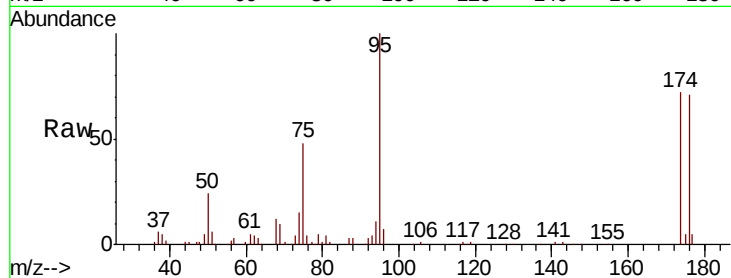
Tot Ion: 75 Resp: 93659

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

