

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062824.D
 Acq On : 21 Jun 2019 18:48
 Operator : VA/AP
 Sample : K3152-02
 Misc : 5.36µl/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-04-003

Quant Time: Jun 22 04:14:56 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	7.06	168	516658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	710810	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	581616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	364567	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	323750	57.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	115.30%	
35) Dibromofluoromethane	6.94	113	308659	51.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.00%	
50) Toluene-d8	10.42	98	598110	45.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.70%	
62) 4-Bromofluorobenzene	13.56	95	272883	46.01	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.02%	

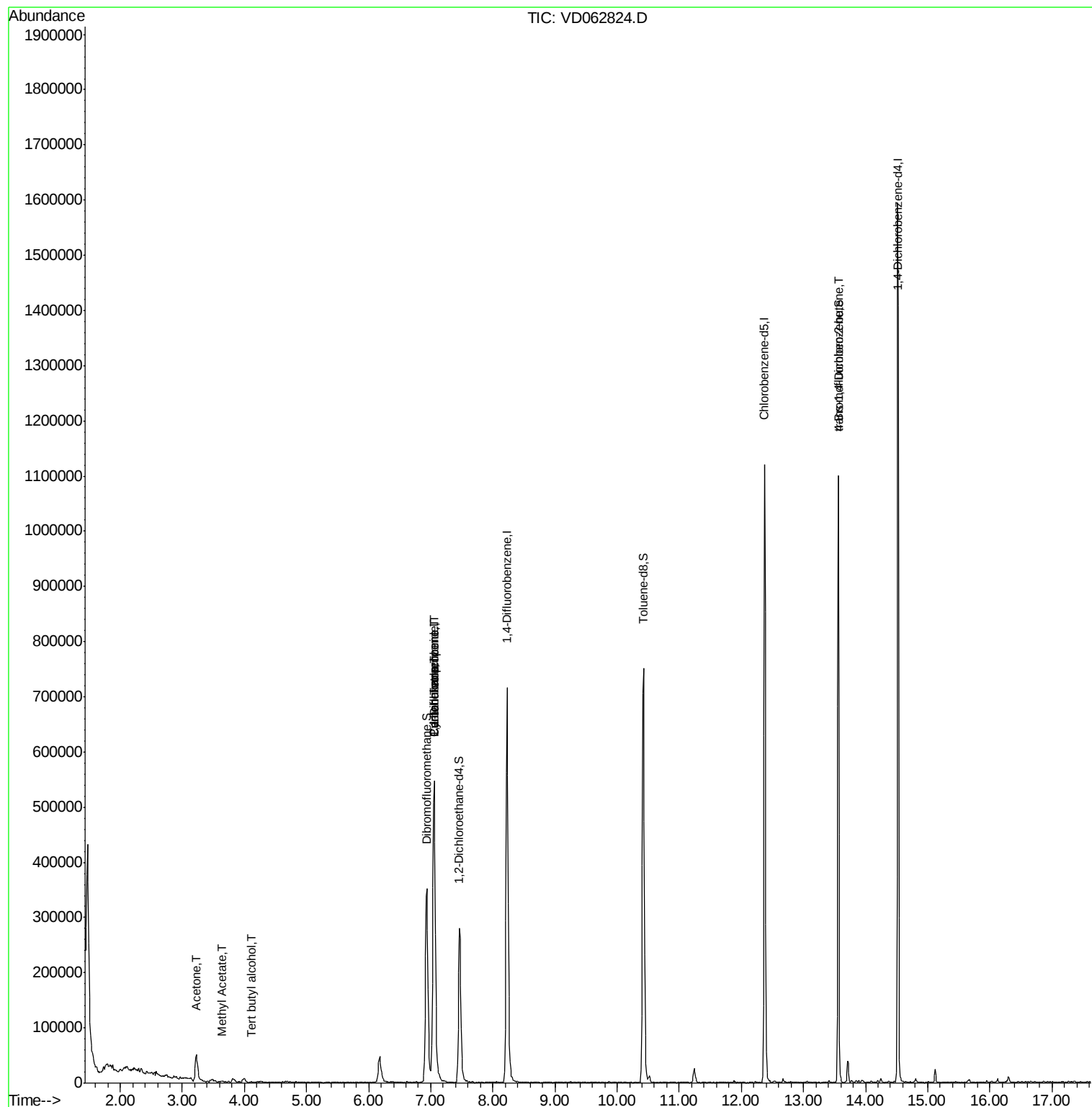
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.10	59	2081	8.136	ug/l #	77
16) Acetone	3.23	43	105321	87.943	ug/l #	91
18) Methyl Acetate	3.65	43	4523	2.668	ug/l #	91
31) Cyclohexane	7.05	56	12500	2.370	ug/l #	1
36) 1,1-Dichloropropene	7.06	75	40664	6.043	ug/l #	61
38) Carbon Tetrachloride	7.06	117	49674	4.909	ug/l #	17
81) trans-1,4-Dichloro-2-buten	13.56	75	139712	126.662	ug/l #	2

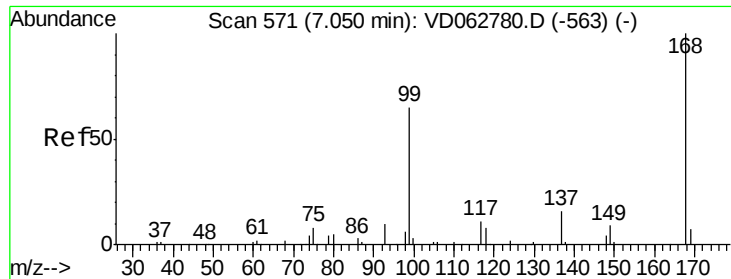
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062119\
Data File : VD062824.D
Acq On : 21 Jun 2019 18:48
Operator : VA/AP
Sample : K3152-02
Misc : 5.36g/5ml/MSVOA D/SOIL
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ClientSampleId :
FK-BPM-04-003

Quant Time: Jun 22 04:14:56 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: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062824.D

Acq: 21 Jun 2019 18:48

Instrument :

MSVOA_D

ClientSampleId :

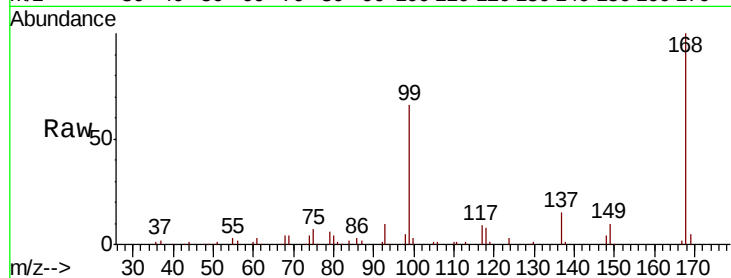
FK-BPM-04-003

Tot Ion:168 Resp: 516658

Ion Ratio Lower Upper

168 100

99 66.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

200000

150000

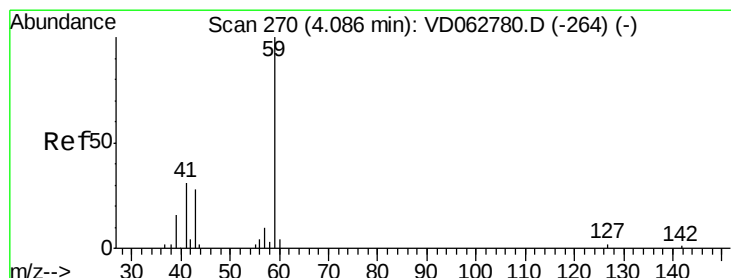
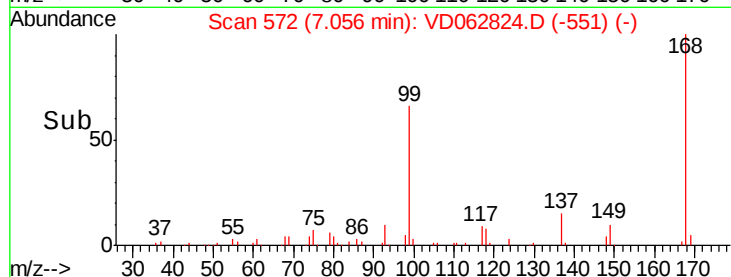
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#11

Tert butyl alcohol

Concen: 8.136 ug/l

RT: 4.10 min Scan# 272

Delta R.T. 0.02 min

Lab File: VD062824.D

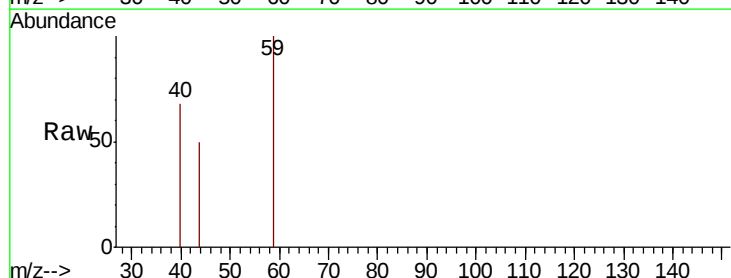
Acq: 21 Jun 2019 18:48

Tgt Ion: 59 Resp: 2081

Ion Ratio Lower Upper

59 100

57 0.0 6.6 10.0#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

4.10

1200

1000

800

600

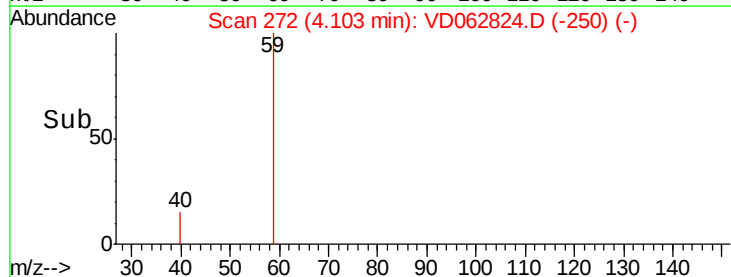
400

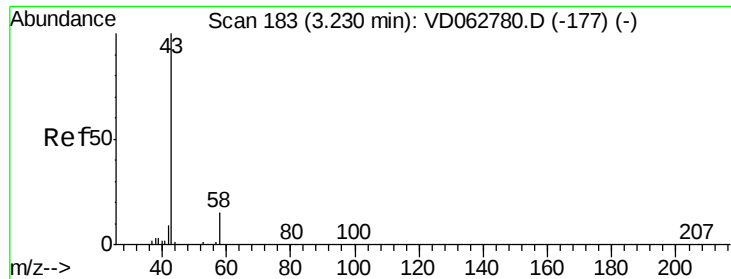
200

0

4.05 4.10 4.15

Time-->





#16

Acetone

Concen: 87.943 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062824.D

Acq: 21 Jun 2019 18:48

Instrument :

MSVOA_D

ClientSampleId :

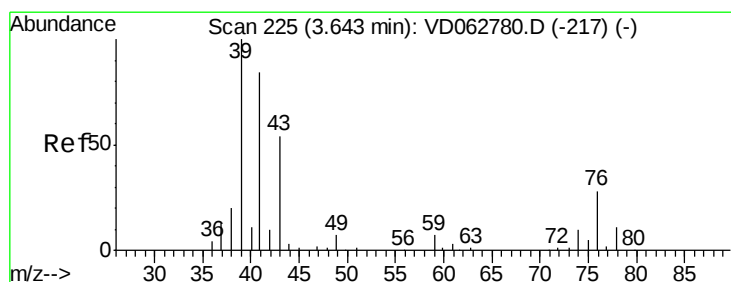
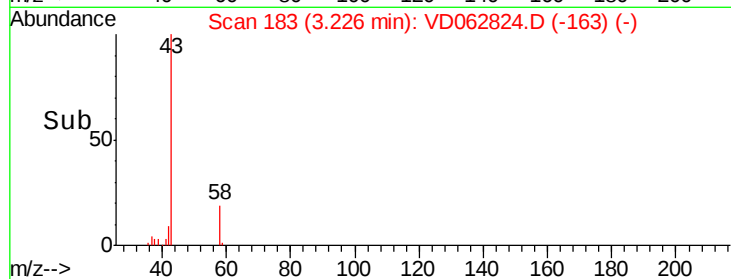
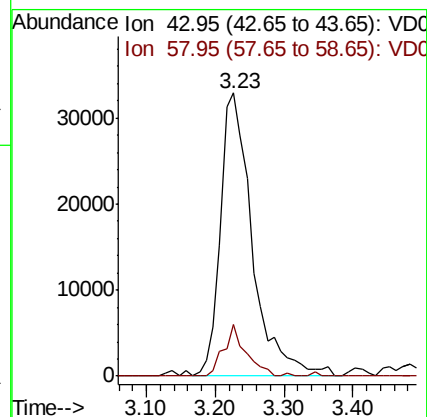
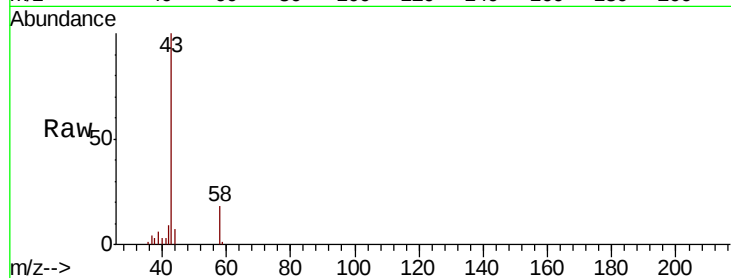
FK-BPM-04-003

Tot Ion: 43 Resp: 105321

Ion Ratio Lower Upper

43 100

58 18.4 11.9 17.9#



#18

Methyl Acetate

Concen: 2.668 ug/l

RT: 3.65 min Scan# 226

Delta R.T. 0.01 min

Lab File: VD062824.D

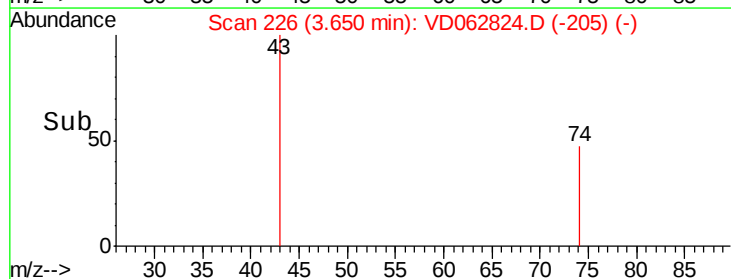
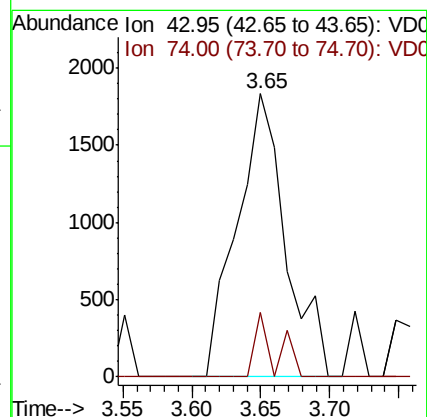
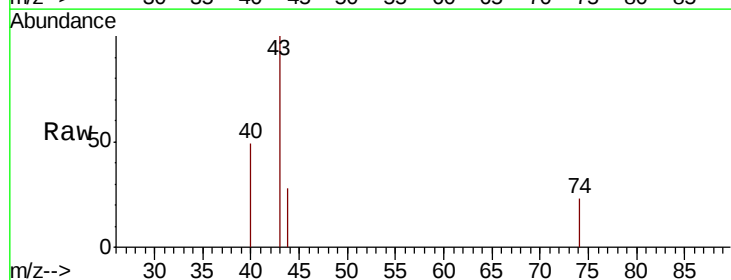
Acq: 21 Jun 2019 18:48

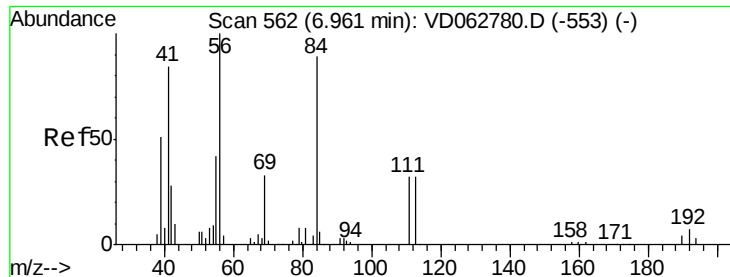
Tgt Ion: 43 Resp: 4523

Ion Ratio Lower Upper

43 100

74 23.0 15.2 22.8#

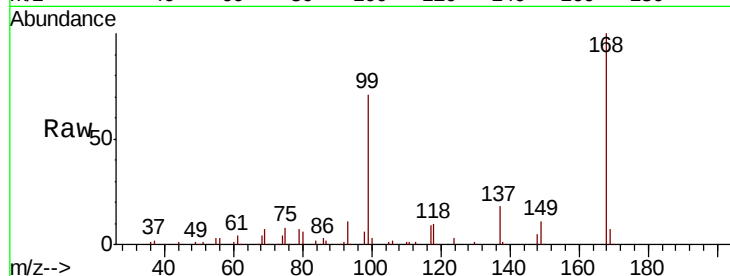




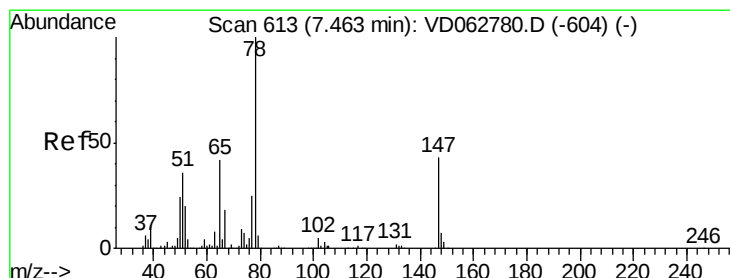
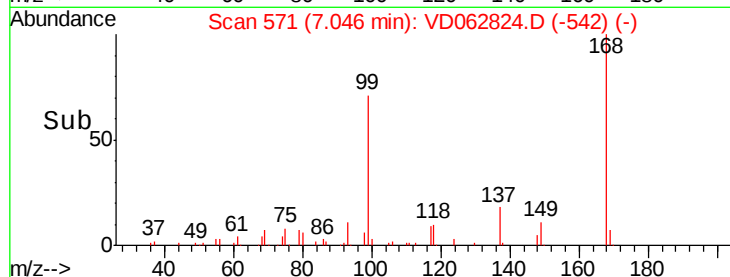
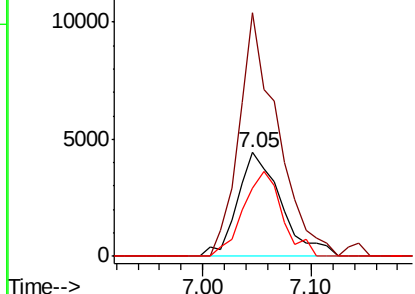
#31
Cyclohexane
Concen: 2.370 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.09 min
Lab File: VD062824.D
Acq: 21 Jun 2019 18:48

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-04-003

Tot Ion: 56 Resp: 12500
Ion Ratio Lower Upper
56 100
69 234.0 26.6 39.8#
84 65.1 75.5 113.3#

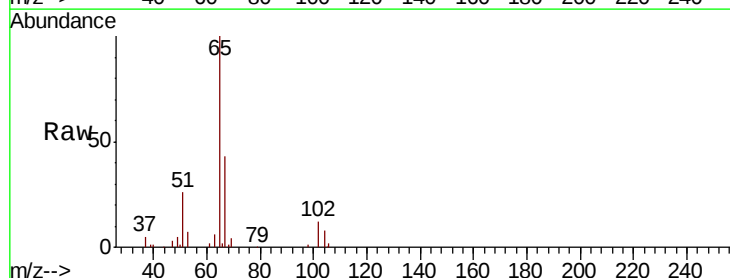


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

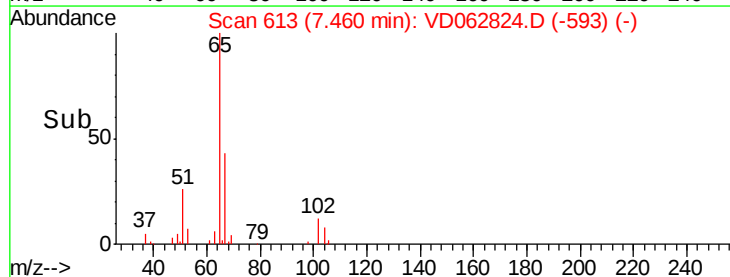
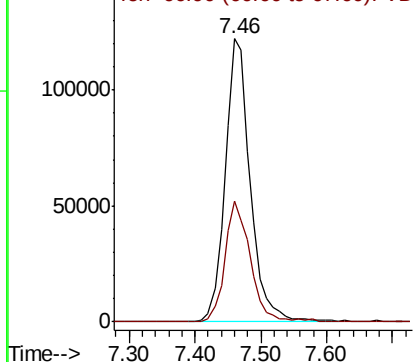


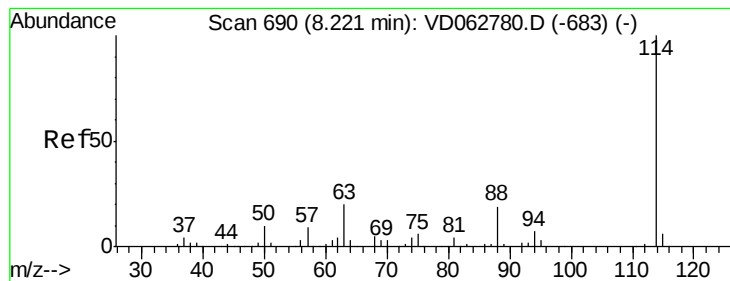
#33
1,2-Dichloroethane-d4
Concen: 57.648 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.00 min
Lab File: VD062824.D
Acq: 21 Jun 2019 18:48

Tgt Ion: 65 Resp: 323750
Ion Ratio Lower Upper
65 100
67 42.6 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: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD062824.D

Acq: 21 Jun 2019 18:48

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-04-003

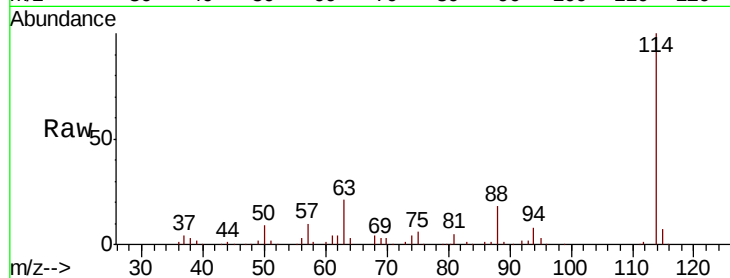
Tot Ion:114 Resp: 710810

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

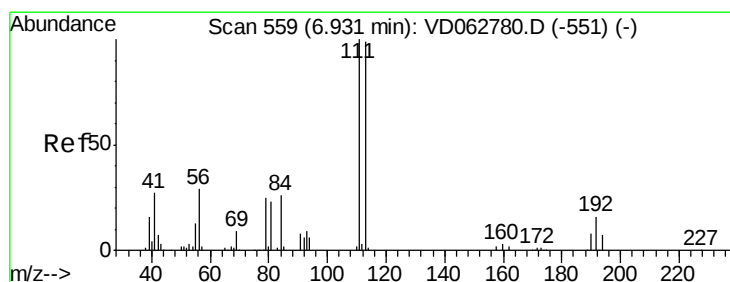
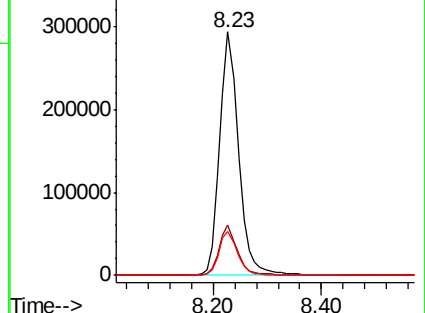
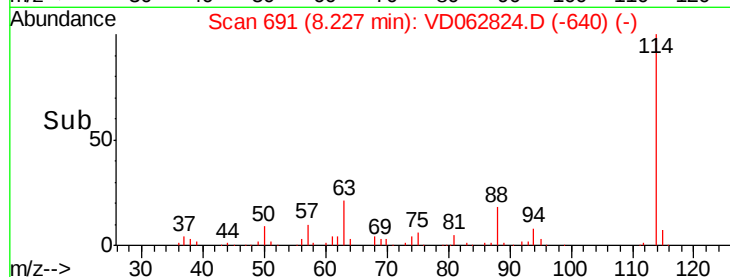
88 18.3 0.0 38.8



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: 51.499 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD062824.D

Acq: 21 Jun 2019 18:48

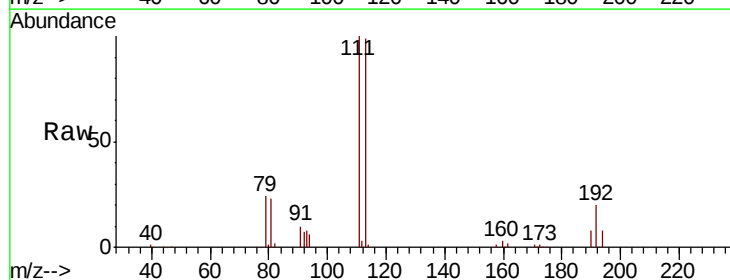
Tgt Ion:113 Resp: 308659

Ion Ratio Lower Upper

113 100

111 101.4 81.2 121.8

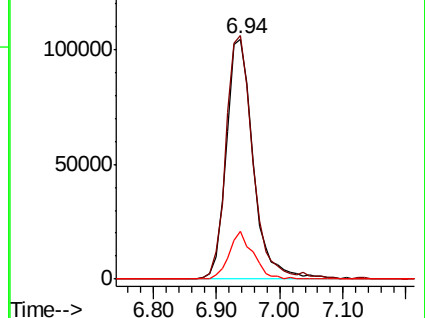
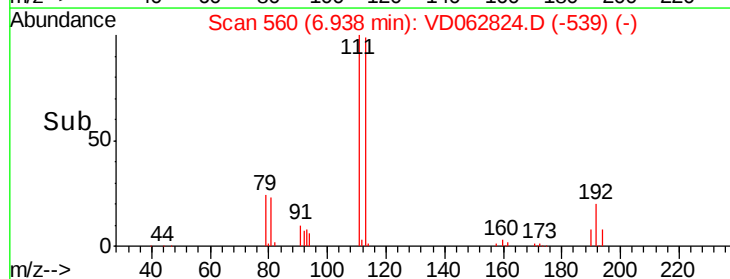
192 19.9 12.9 19.3#

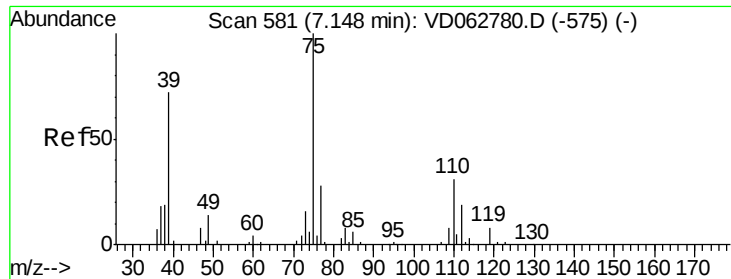


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 6.043 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.09 min

Lab File: VD062824.D

Acq: 21 Jun 2019 18:48

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-04-003

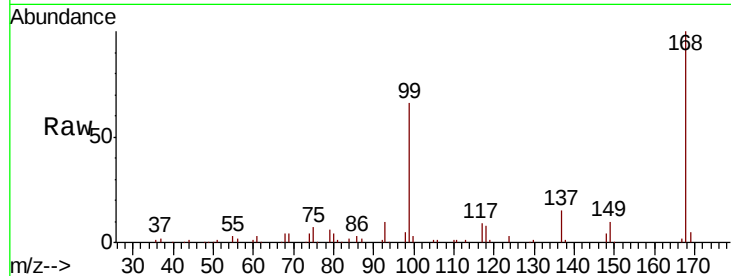
Tot Ion: 75 Resp: 40664

Ion Ratio Lower Upper

75 100

110 15.7 15.0 45.1

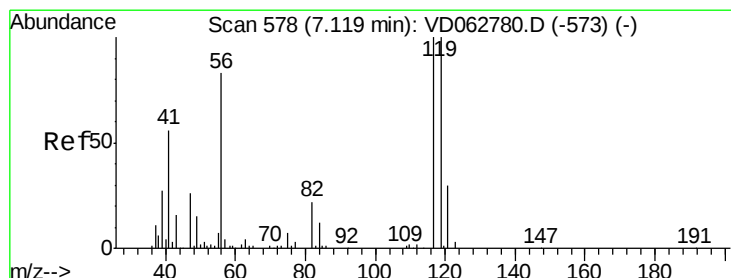
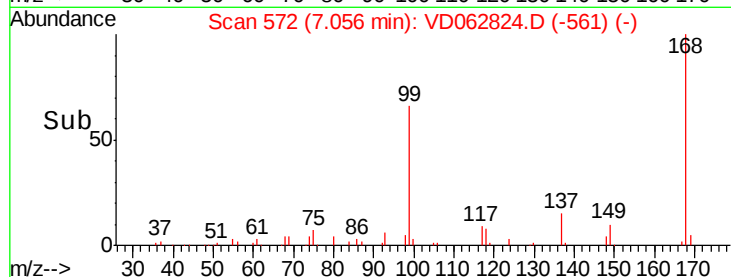
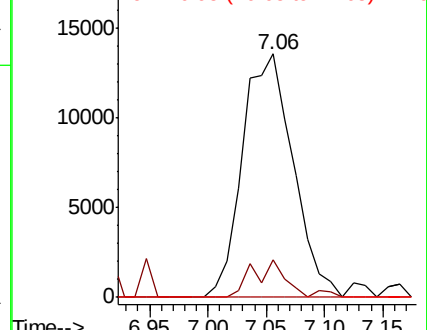
77 0.0 22.2 33.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.95 (76.65 to 77.65): VDC



#38

Carbon Tetrachloride

Concen: 4.909 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.06 min

Lab File: VD062824.D

Acq: 21 Jun 2019 18:48

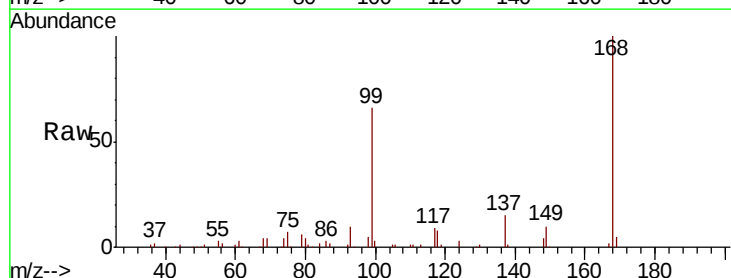
Tgt Ion: 117 Resp: 49674

Ion Ratio Lower Upper

117 100

119 5.8 75.4 113.2#

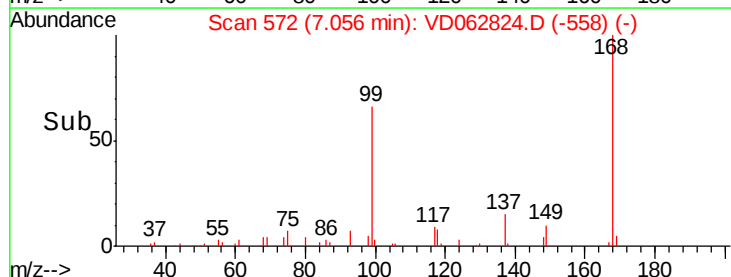
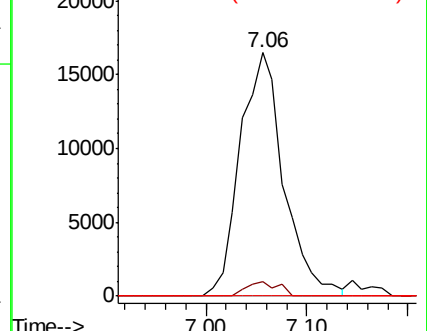
121 0.0 22.3 33.5#

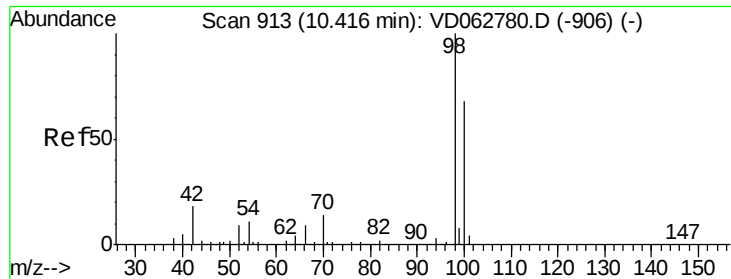


Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 118.85 (118.55 to 119.55): VDC

Ion 120.85 (120.55 to 121.55): VDC

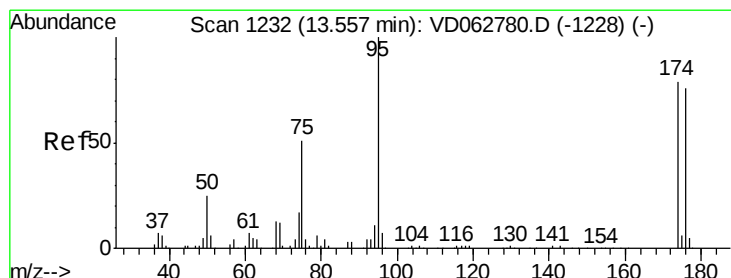
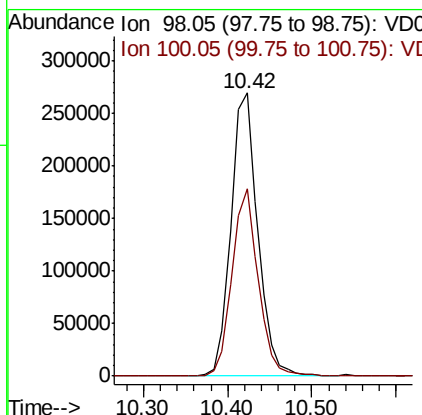
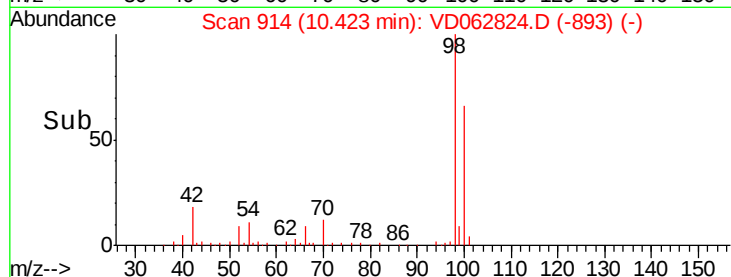
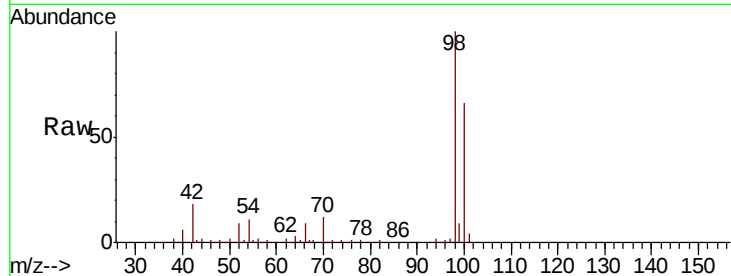




#50
Toluene-d8
Concen: 45.851 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD062824.D
Acq: 21 Jun 2019 18:48

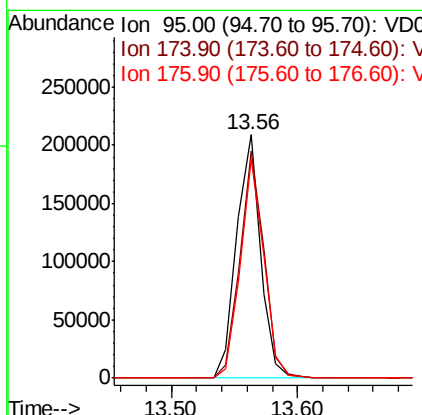
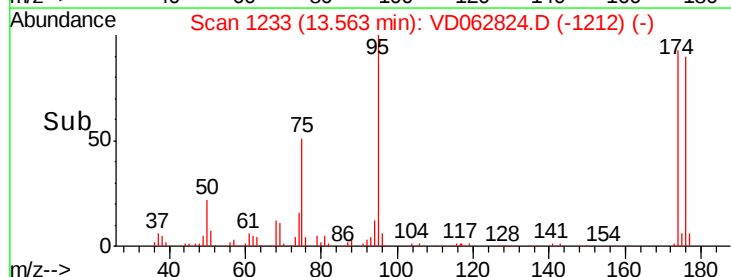
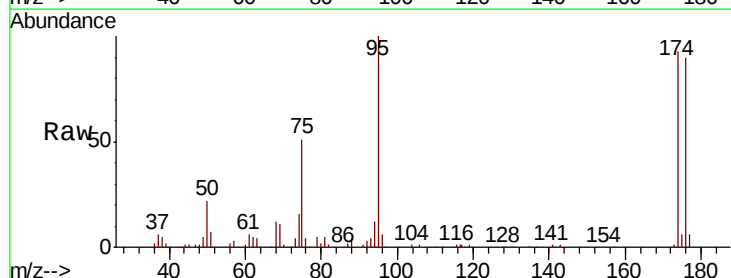
Instrument :
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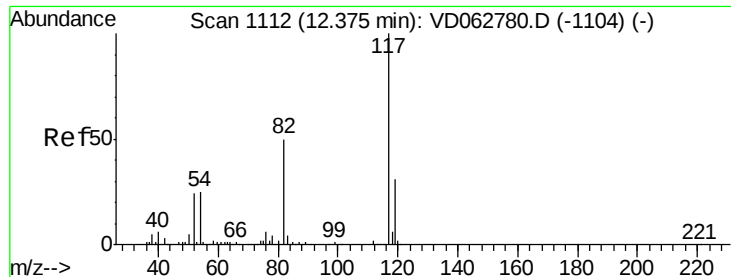
Tot Ion: 98 Resp: 598110
Ion Ratio Lower Upper
98 100
100 66.4 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 46.006 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062824.D
Acq: 21 Jun 2019 18:48

Tgt Ion: 95 Resp: 272883
Ion Ratio Lower Upper
95 100
174 93.1 0.0 158.0
176 90.0 0.0 151.6

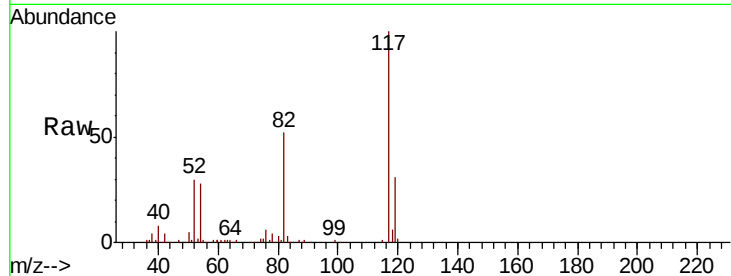




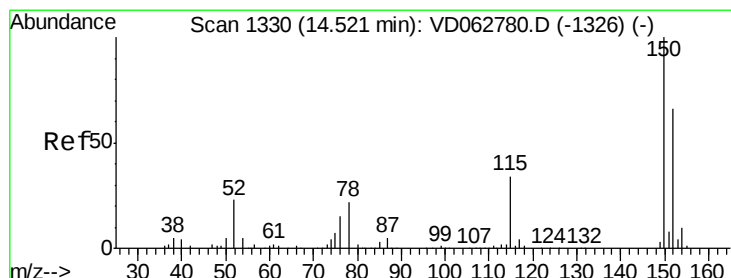
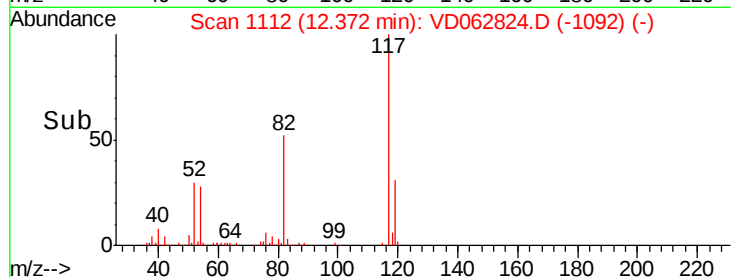
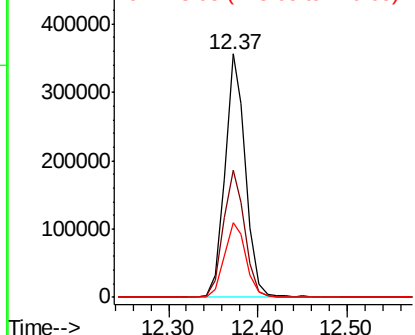
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062824.D
Acq: 21 Jun 2019 18:48

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-04-003

Tot Ion:117 Resp: 581616
Ion Ratio Lower Upper
117 100
82 52.0 40.4 60.6
119 30.9 25.2 37.8

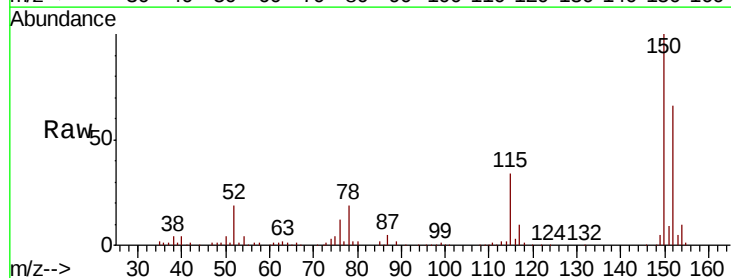


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

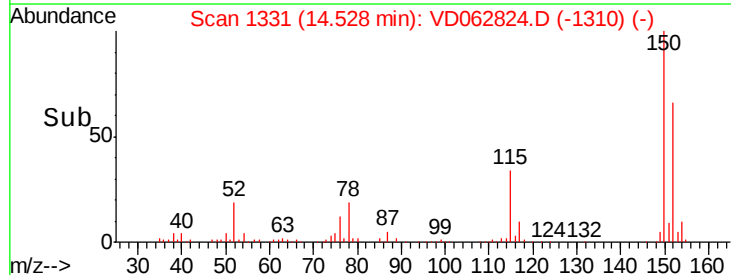
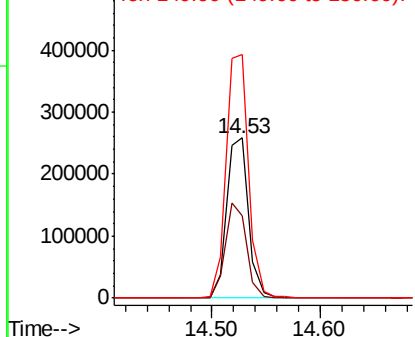


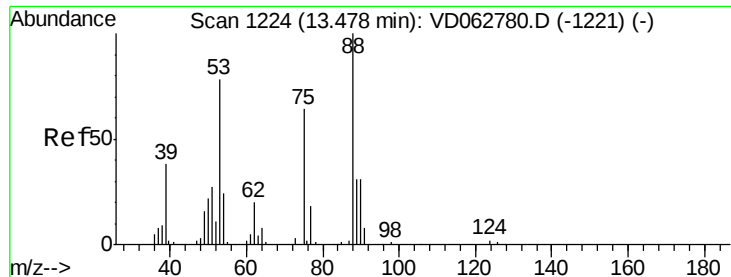
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062824.D
Acq: 21 Jun 2019 18:48

Tgt Ion:152 Resp: 364567
Ion Ratio Lower Upper
152 100
115 51.0 29.2 87.6
150 152.0 0.0 305.8



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: 126.662 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062824.D

Acq: 21 Jun 2019 18:48

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-04-003

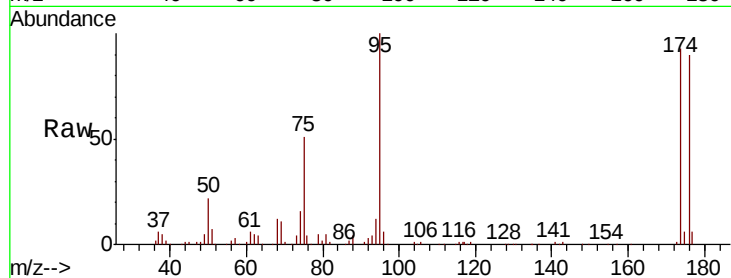
Tot Ion: 75 Resp: 139712

Ion Ratio Lower Upper

75 100

53 0.0 97.8 146.8#

89 0.0 39.4 59.2#



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

