

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052819\
 Data File : VD062545.D
 Acq On : 28 May 2019 18:09
 Operator : VA/AP
 Sample : K3072-02
 Misc : 5.69g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: May 29 01:01:48 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	270413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	342163	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	277895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	146006	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	121755	42.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.12%	
35) Dibromofluoromethane	6.94	113	124800	40.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	80.86%	
50) Toluene-d8	10.42	98	234363	34.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	69.38%	
62) 4-Bromofluorobenzene	13.56	95	109373	37.01	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	74.02%	

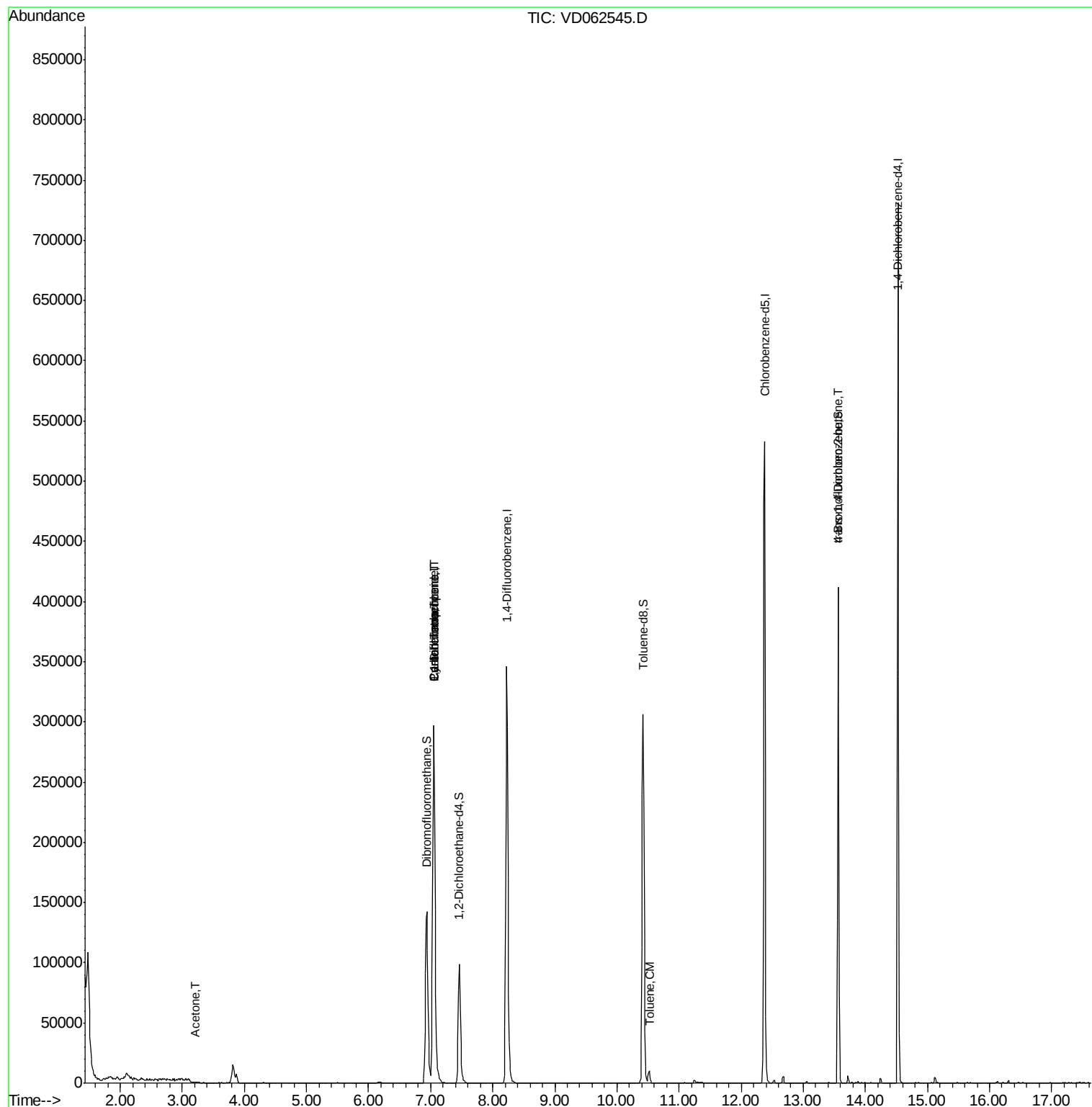
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.22	43	668	1.288	ug/l #	50
20) Methylene Chloride	3.82	84	9080	Below Cal	#	96
31) Cyclohexane	7.05	56	6650	2.433	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	23775	7.268	ug/l #	46
38) Carbon Tetrachloride	7.05	117	29564	6.081	ug/l #	12
52) Toluene	10.52	92	5871	1.337	ug/l	88
81) trans-1,4-Dichloro-2-buten	13.56	75	55058	113.516	ug/l #	16

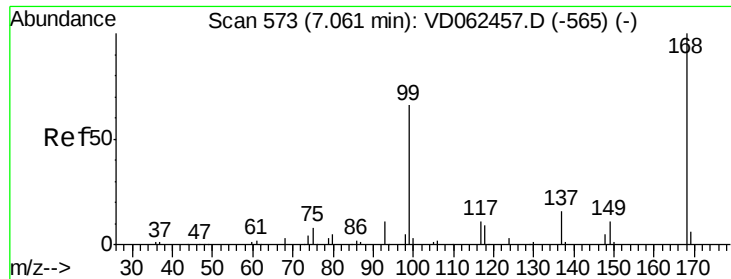
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD052819\
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MSVOA_D
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TP-2

Quant Time: May 29 01:01:48 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: VD062545.D

Acq: 28 May 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

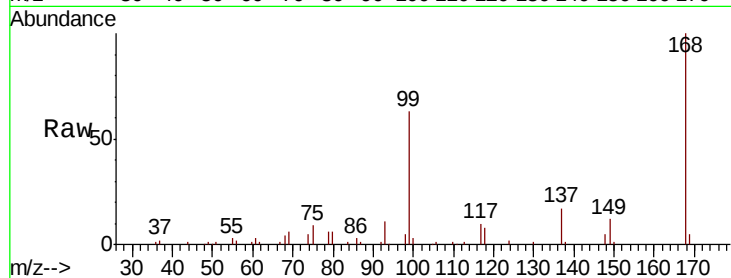
TP-2

Tot Ion:168 Resp: 270413

Ion Ratio Lower Upper

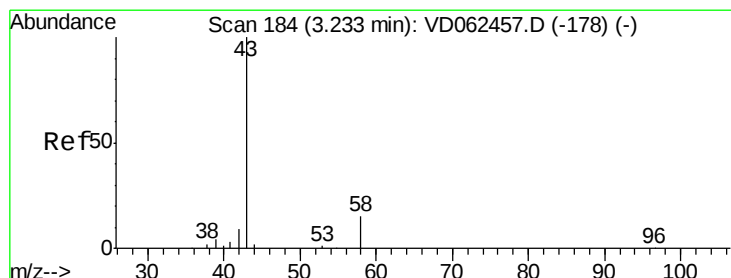
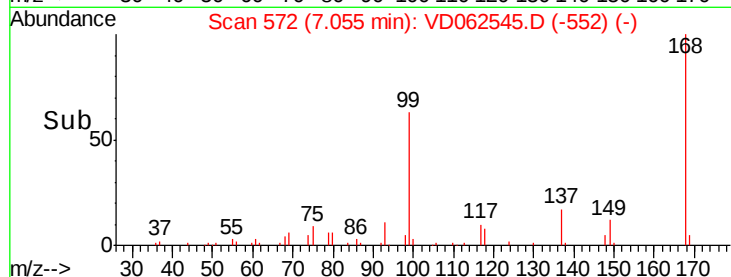
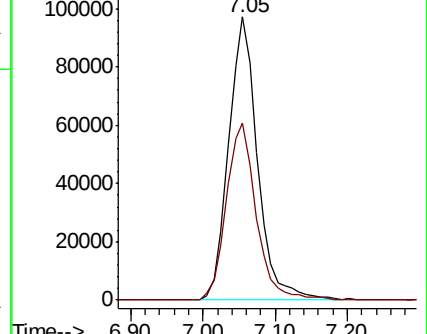
168 100

99 62.6 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 1.288 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD062545.D

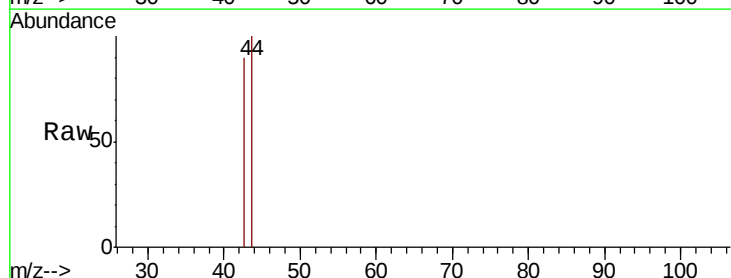
Acq: 28 May 2019 18:09

Tgt Ion: 43 Resp: 668

Ion Ratio Lower Upper

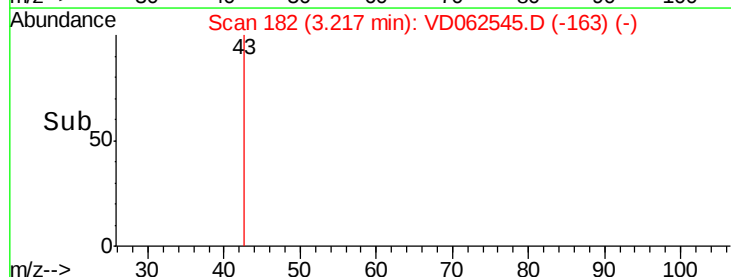
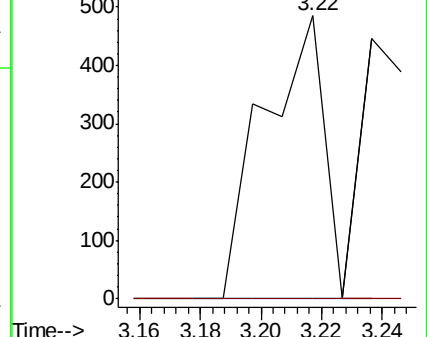
43 100

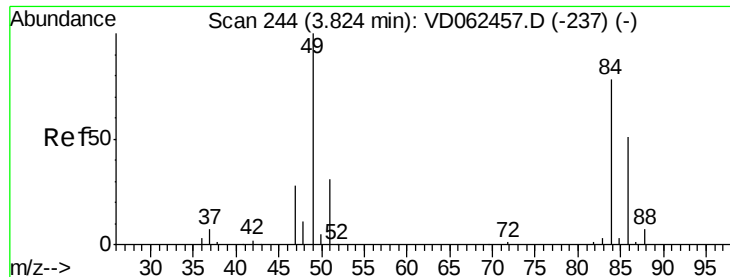
58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

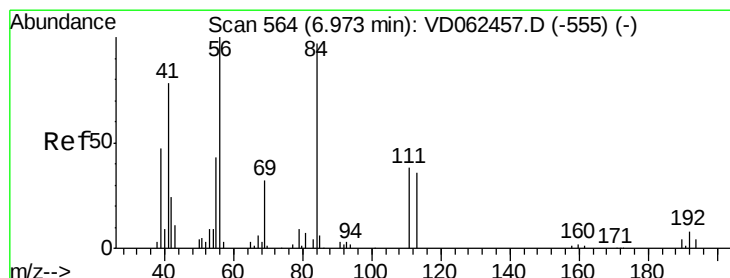
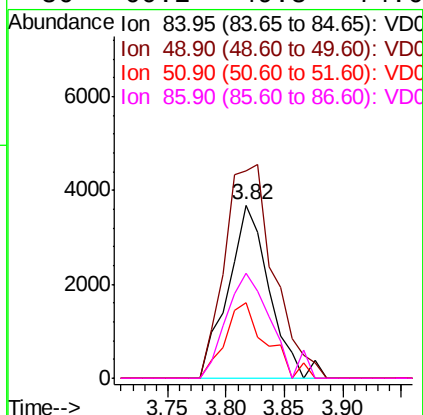
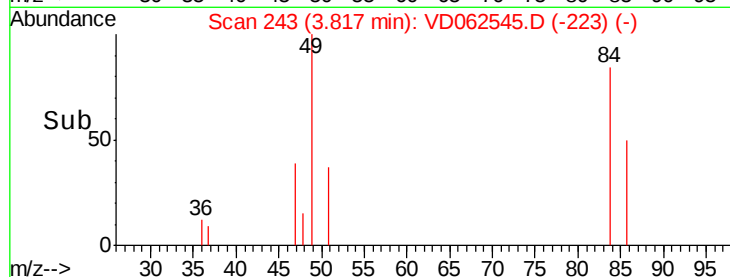
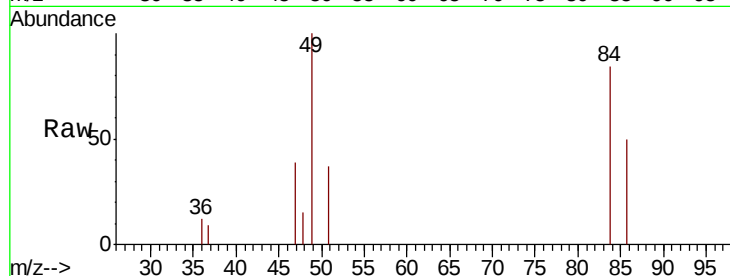




#20
Methylene Chloride
Concen: Below Cal
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD062545.D
Acq: 28 May 2019 18:09

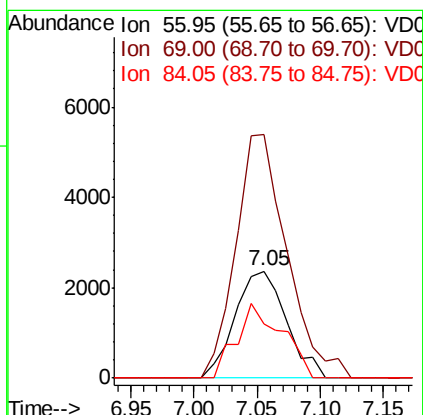
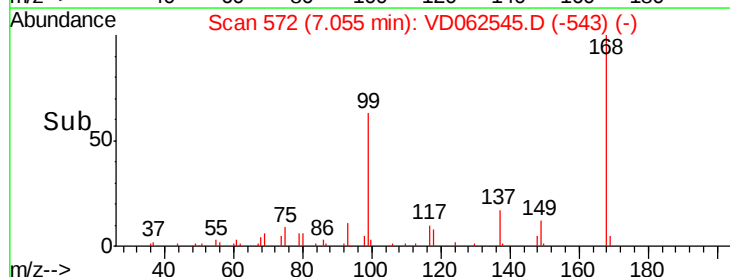
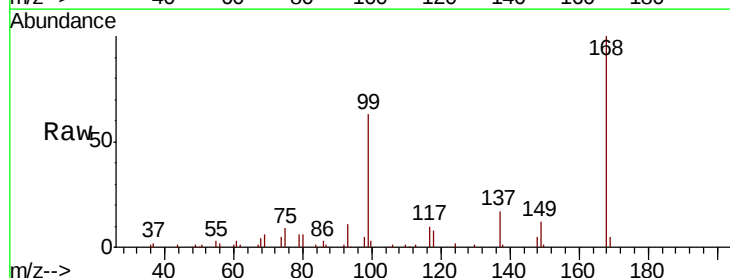
Instrument :
MSVOA_D
ClientSampleId :
TP-2

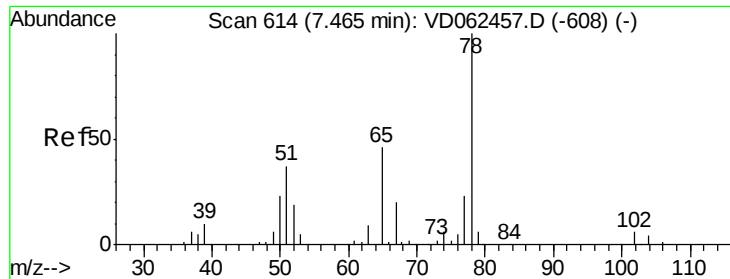
Tot Ion: 84 Resp: 9080
Ion Ratio Lower Upper
84 100
49 119.4 94.0 141.0
51 43.9 29.0 43.4#
86 60.2 49.8 74.6



#31
Cyclohexane
Concen: 2.433 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.08 min
Lab File: VD062545.D
Acq: 28 May 2019 18:09

Tgt Ion: 56 Resp: 6650
Ion Ratio Lower Upper
56 100
69 228.1 25.8 38.6#
84 50.1 72.2 108.4#





#33

1,2-Dichloroethane-d4

Concen: 42.063 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD062545.D

Acq: 28 May 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

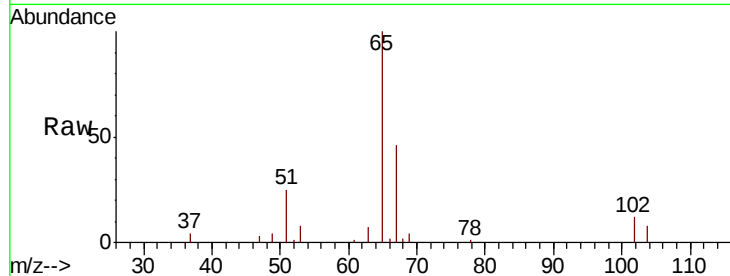
TP-2

Tot Ion: 65 Resp: 121755

Ion Ratio Lower Upper

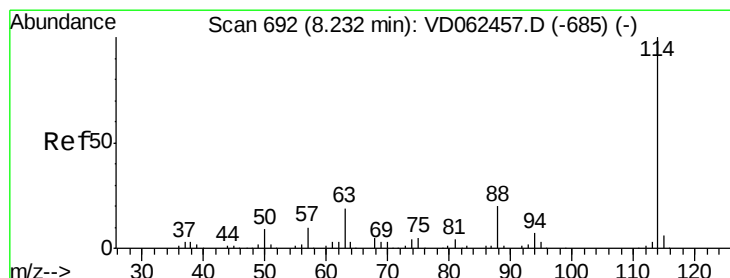
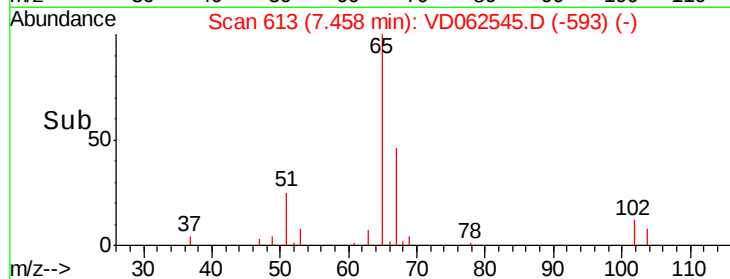
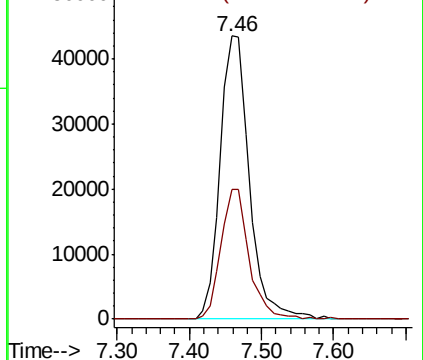
65 100

67 46.0 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: 8.23 min Scan# 691

Delta R.T. -0.01 min

Lab File: VD062545.D

Acq: 28 May 2019 18:09

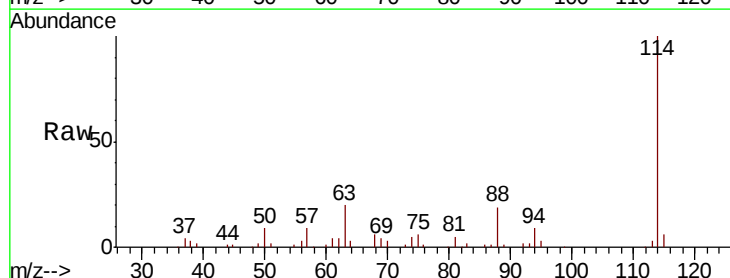
Tgt Ion: 114 Resp: 342163

Ion Ratio Lower Upper

114 100

63 19.7 0.0 32.4

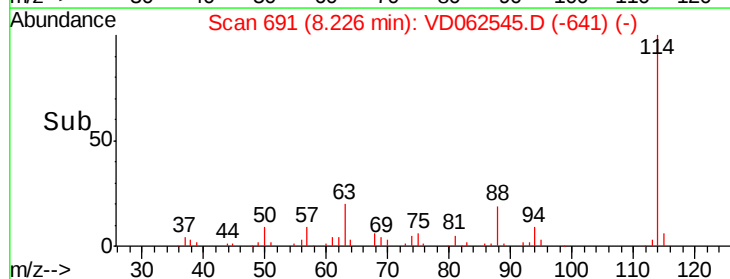
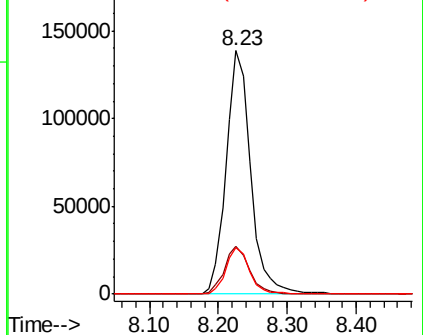
88 18.9 0.0 33.6

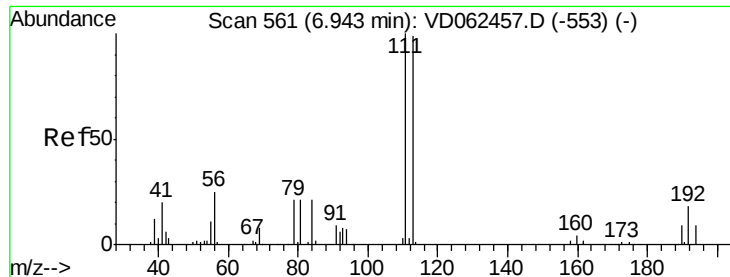


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 40.431 ug/l

RT: 6.94 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD062545.D

Acq: 28 May 2019 18:09

Instrument :

MSVOA_D

ClientSampled :

TP-2

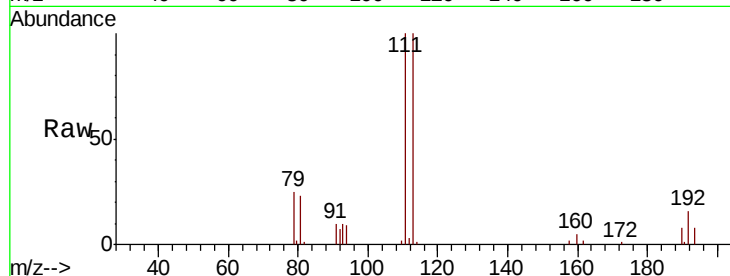
Tot Ion:113 Resp: 124800

Ion Ratio Lower Upper

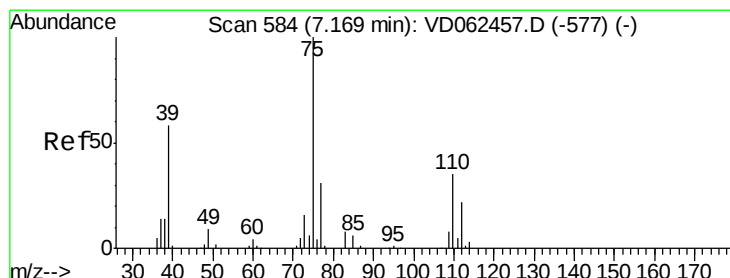
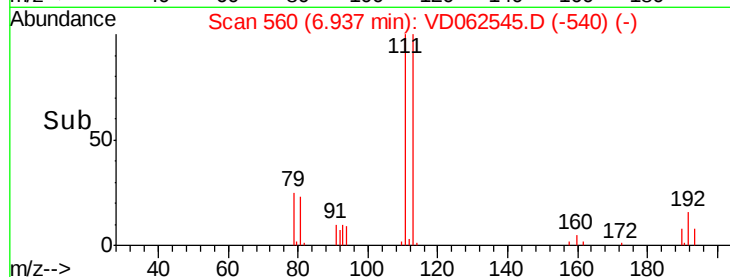
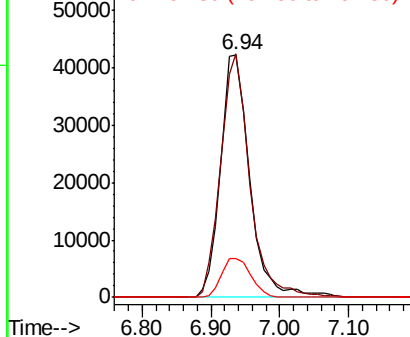
113 100

111 100.3 78.5 117.7

192 15.9 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: 7.268 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.11 min

Lab File: VD062545.D

Acq: 28 May 2019 18:09

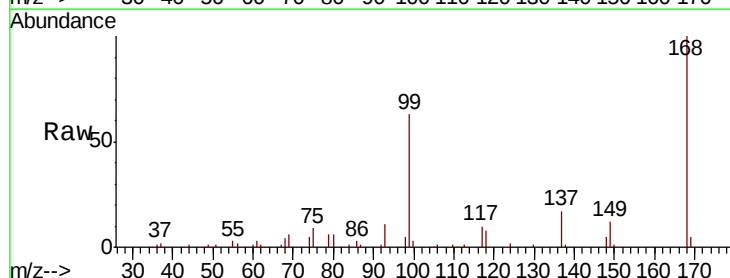
Tgt Ion: 75 Resp: 23775

Ion Ratio Lower Upper

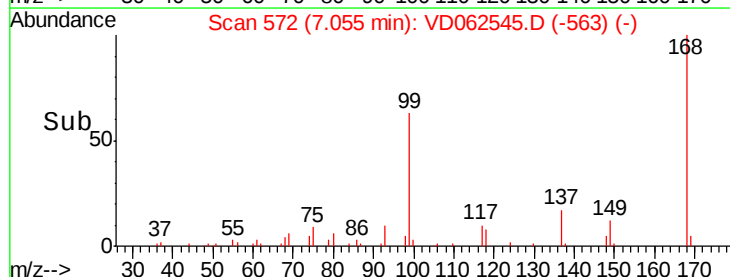
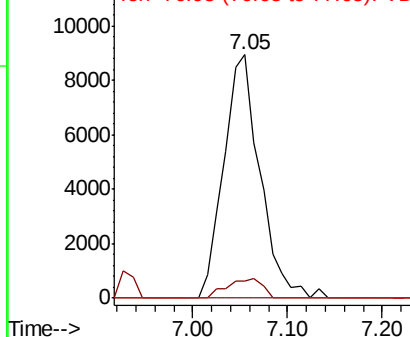
75 100

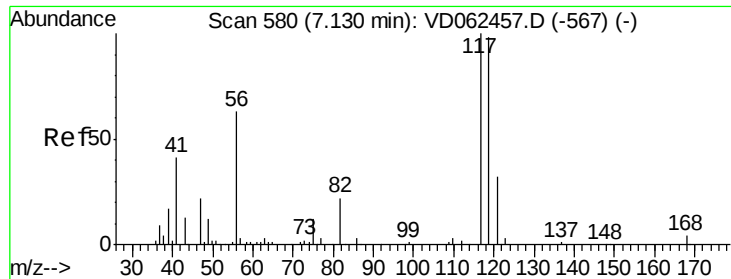
110 6.8 19.1 57.1#

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

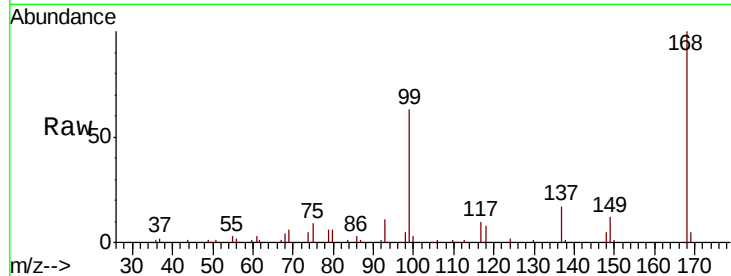




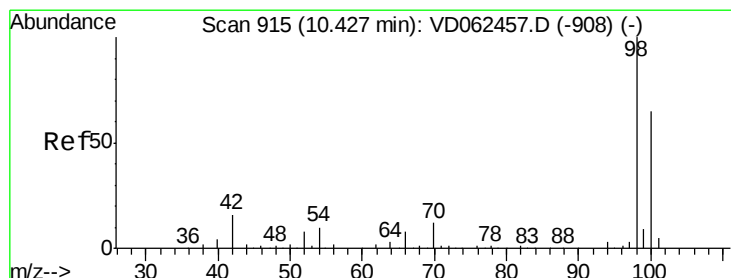
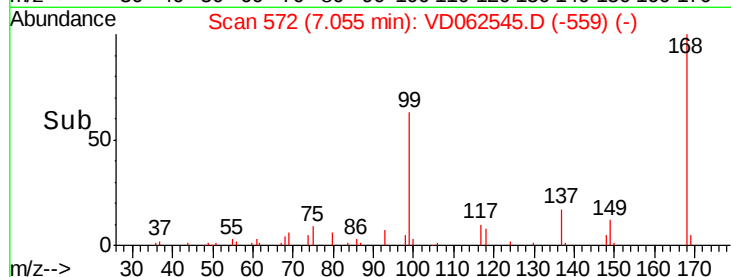
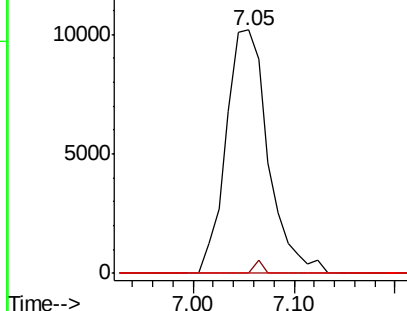
#38
Carbon Tetrachloride
Concen: 6.081 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.08 min
Lab File: VD062545.D
Acq: 28 May 2019 18:09

Instrument :
MSVOA_D
ClientSampled :
TP-2

Tot Ion:117 Resp: 29564
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.8#
121 0.0 25.9 38.9#

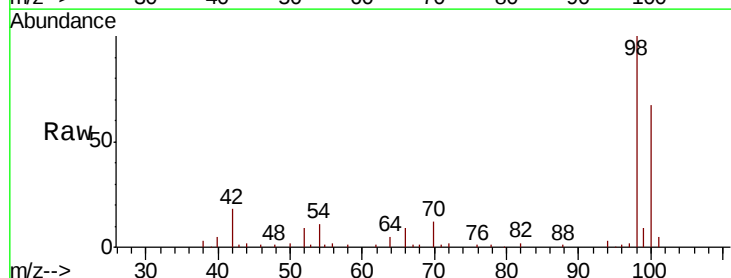


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

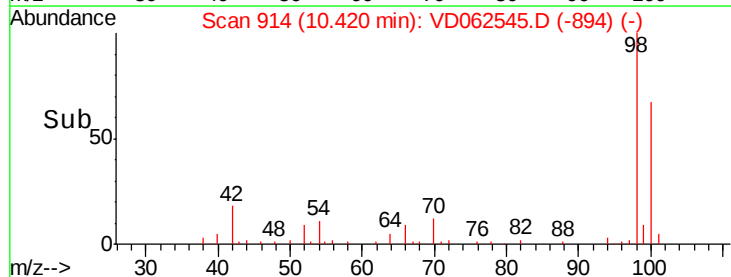
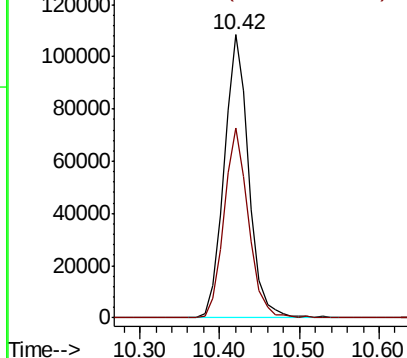


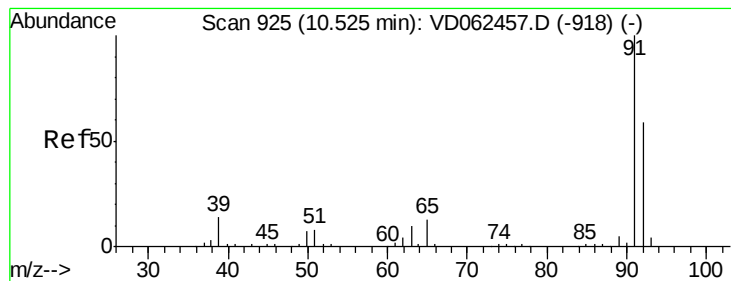
#50
Toluene-d8
Concen: 34.695 ug/l
RT: 10.42 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD062545.D
Acq: 28 May 2019 18:09

Tgt Ion: 98 Resp: 234363
Ion Ratio Lower Upper
98 100
100 67.3 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 1.337 ug/l

RT: 10.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: VD062545.D

Acq: 28 May 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

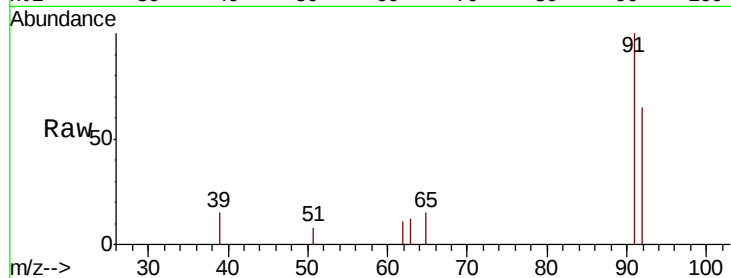
TP-2

Tot Ion: 92 Resp: 5871

Ion Ratio Lower Upper

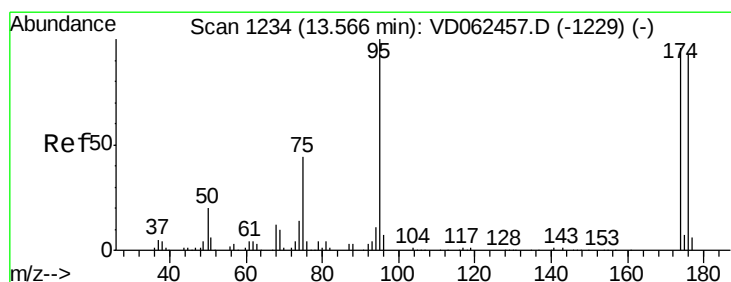
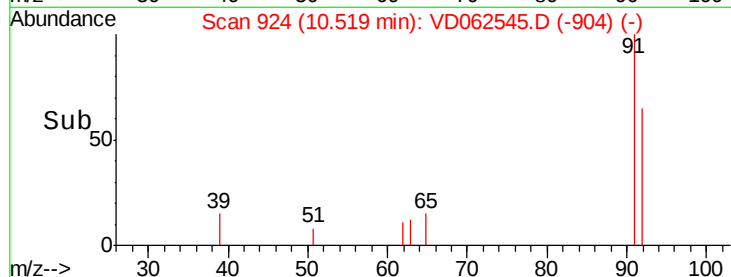
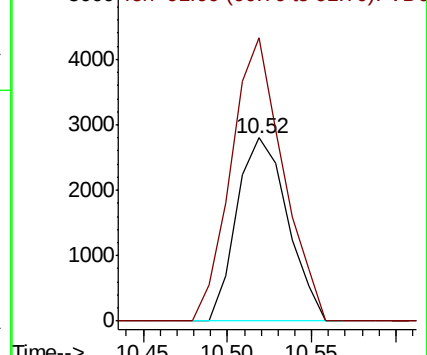
92 100

91 154.3 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 37.015 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.01 min

Lab File: VD062545.D

Acq: 28 May 2019 18:09

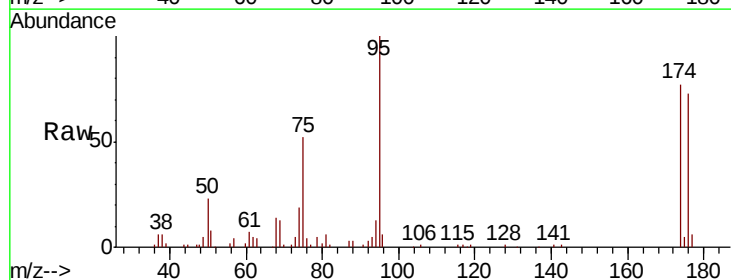
Tgt Ion: 95 Resp: 109373

Ion Ratio Lower Upper

95 100

174 77.2 0.0 181.8

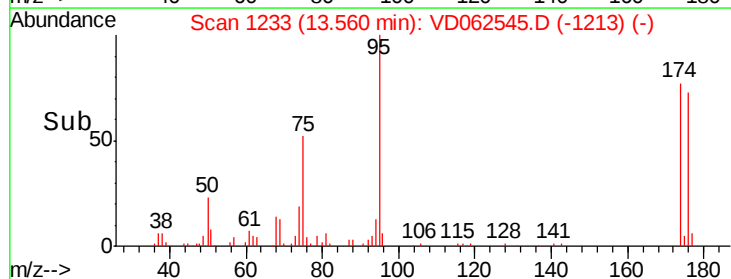
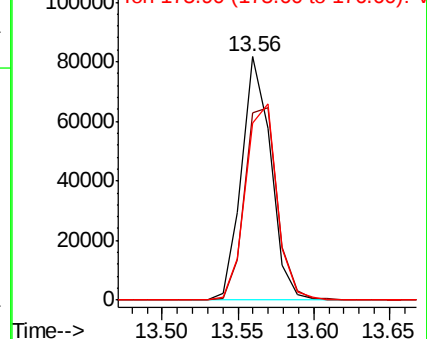
176 72.8 0.0 174.4

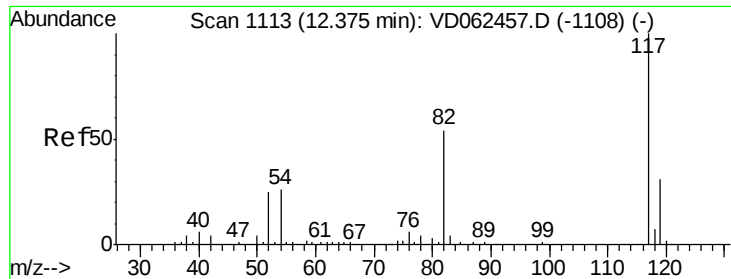


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

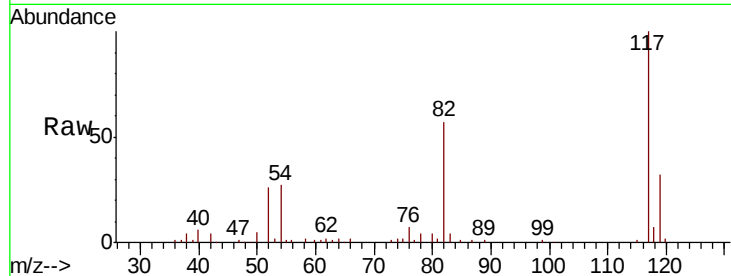




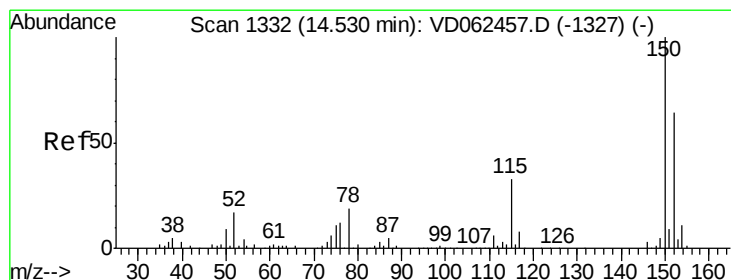
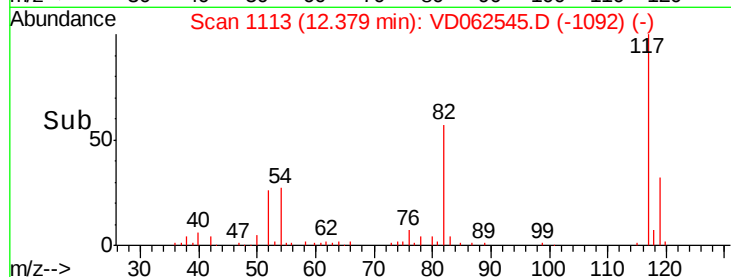
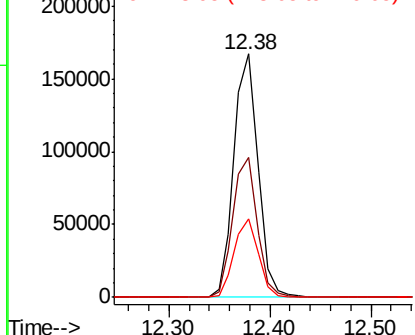
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VD062545.D
Acq: 28 May 2019 18:09

Instrument :
MSVOA_D
ClientSampled :
TP-2

Tot Ion:117 Resp: 277895
Ion Ratio Lower Upper
117 100
82 57.3 36.2 54.2#
119 32.3 26.2 39.4

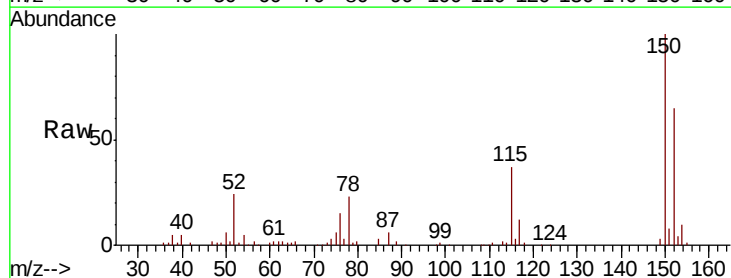


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

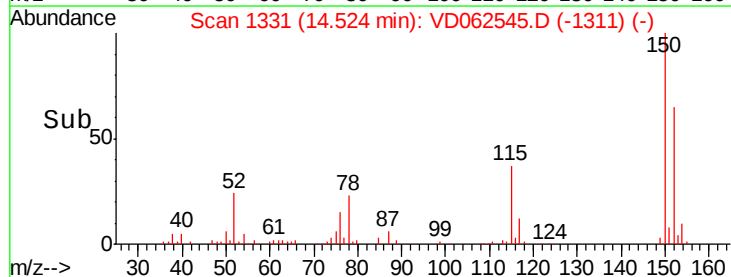
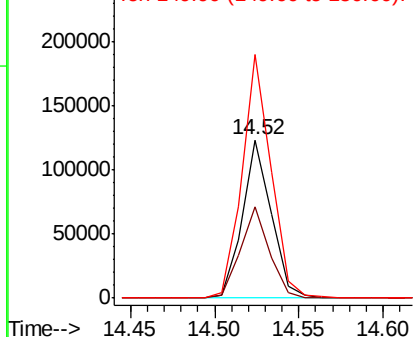


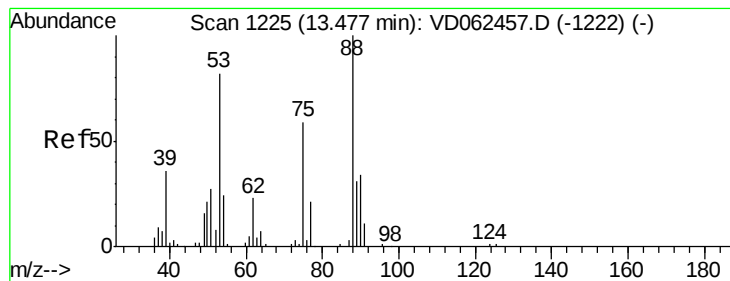
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD062545.D
Acq: 28 May 2019 18:09

Tgt Ion:152 Resp: 146006
Ion Ratio Lower Upper
152 100
115 57.6 30.9 92.7
150 153.7 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: 113.516 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.08 min

Lab File: VD062545.D

Acq: 28 May 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

TP-2

Tot Ion: 75 Resp: 55058

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

