

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081619\
 Data File : VD063627.D
 Acq On : 16 Aug 2019 10:14
 Operator : JC/SY
 Sample : VD0816SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0816SBL01

Quant Time: Aug 17 05:58:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	1137376	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.21	114	1438106	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.37	117	1242301	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	649121	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	587154	48.29	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	96.58%	
35) Dibromofluoromethane	6.91	113	673757	55.63	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	111.26%	
50) Toluene-d8	10.40	98	1405819	52.79	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	105.58%	
62) 4-Bromofluorobenzene	13.55	95	620141	51.38	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	102.76%	

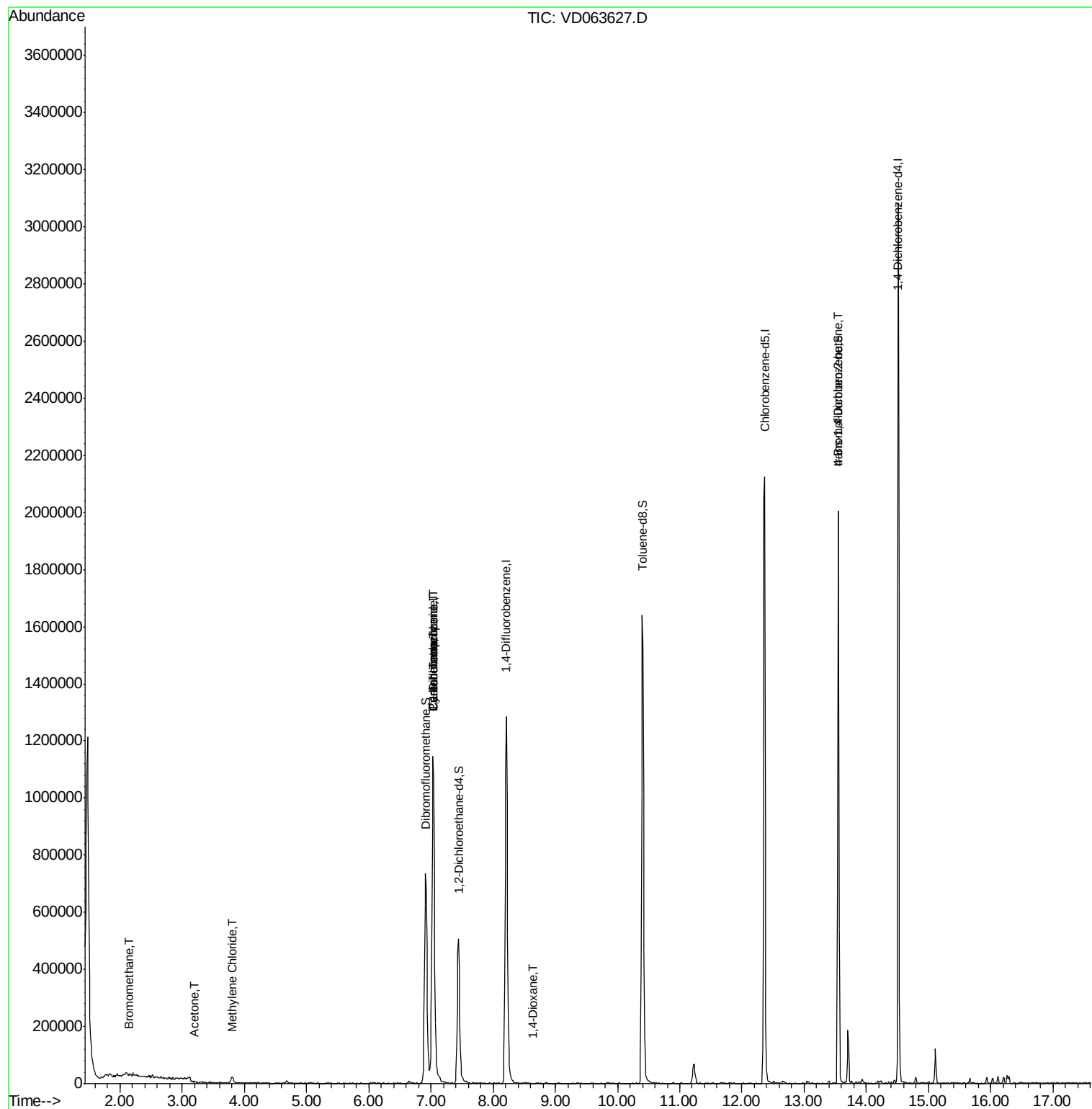
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.15	94	5913	1.174	ug/l #	32
16) Acetone	3.21	43	6639	2.686	ug/l	97
20) Methylene Chloride	3.81	84	13650	1.277	ug/l #	83
31) Cyclohexane	7.03	56	24051	2.191	ug/l #	26
36) 1,1-Dichloropropene	7.03	75	84361	6.636	ug/l #	48
38) Carbon Tetrachloride	7.03	117	105813	5.523	ug/l #	17
49) 1,4-Dioxane	8.64	88	183	28.871	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	273298	136.492	ug/l #	1

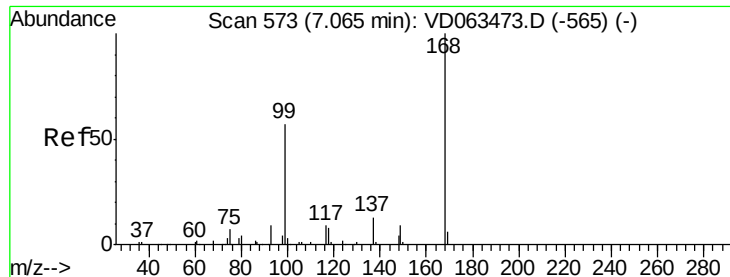
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD081619\
Data File : VD063627.D
Acq On : 16 Aug 2019 10:14
Operator : JC/SY
Sample : VD0816SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0816SBL01

Quant Time: Aug 17 05:58:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.04 min

Lab File: VD063627.D

Acq: 16 Aug 2019 10:14

Instrument :

MSVOA_D

ClientSampleId :

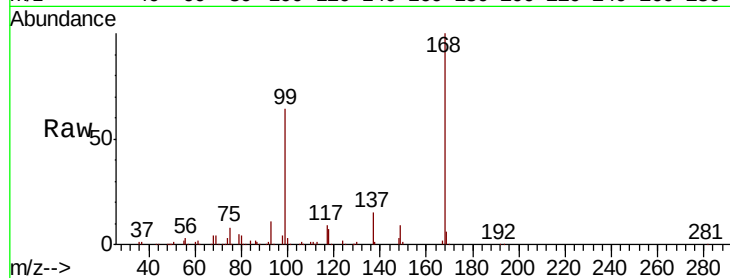
VD0816SBL01

Tgt Ion:168 Resp: 1137376

Ion Ratio Lower Upper

168 100

99 63.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

400000

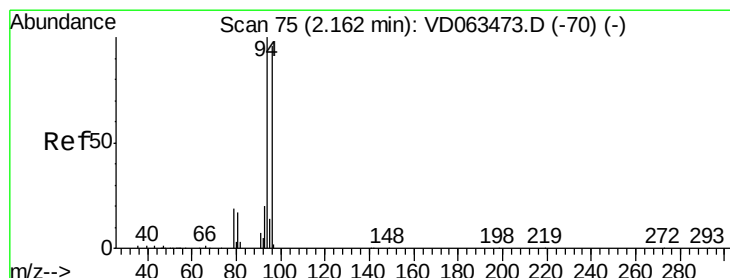
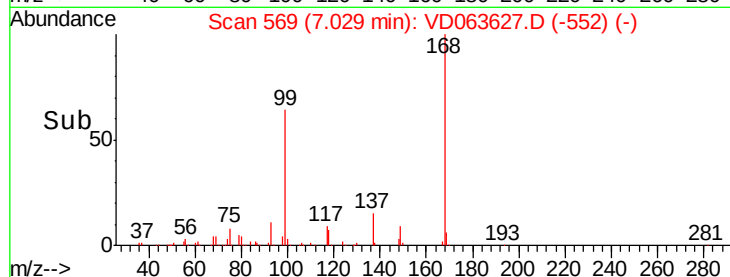
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: 1.174 ug/l

RT: 2.15 min Scan# 73

Delta R.T. -0.02 min

Lab File: VD063627.D

Acq: 16 Aug 2019 10:14

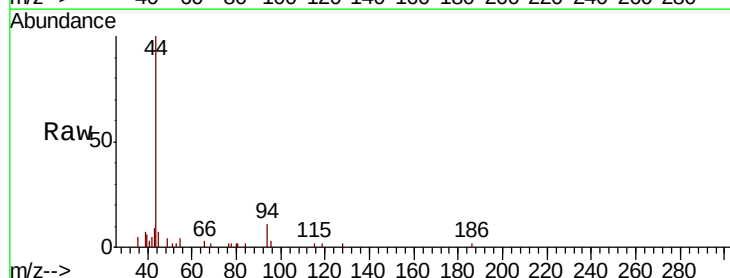
Tgt Ion: 94 Resp: 5913

Ion Ratio Lower Upper

94 100

96 23.8 76.5 114.7#

93 0.0 15.8 23.8#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

2500

2000

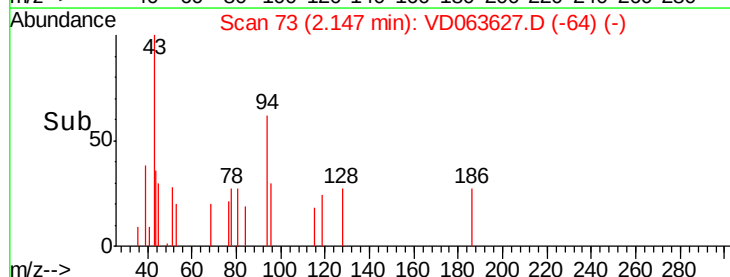
1500

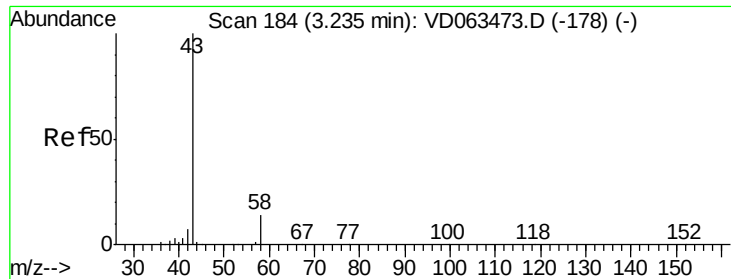
1000

500

0

Time-->





#16

Acetone

Concen: 2.686 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.03 min

Lab File: VD063627.D

Acq: 16 Aug 2019 10:14

Instrument :

MSVOA_D

ClientSampleId :

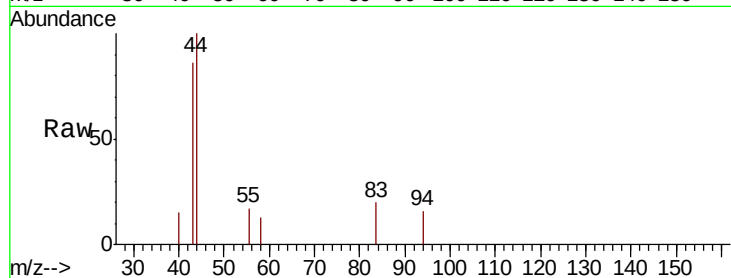
VD0816SBL01

Tgt Ion: 43 Resp: 6639

Ion Ratio Lower Upper

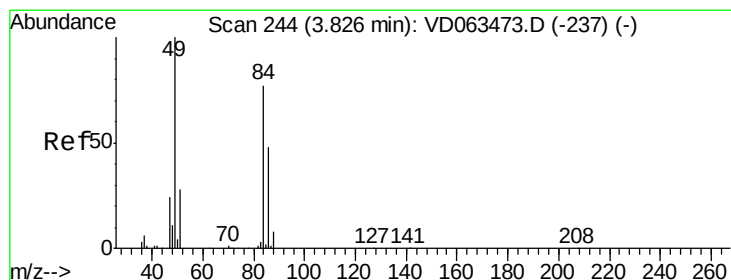
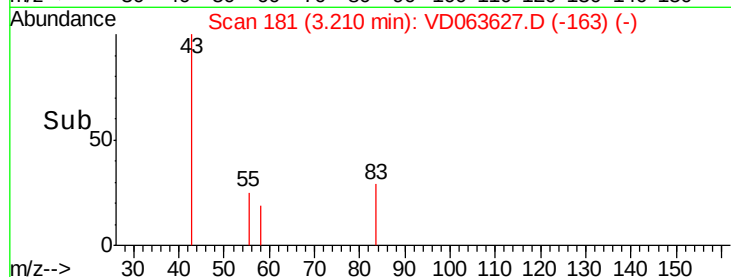
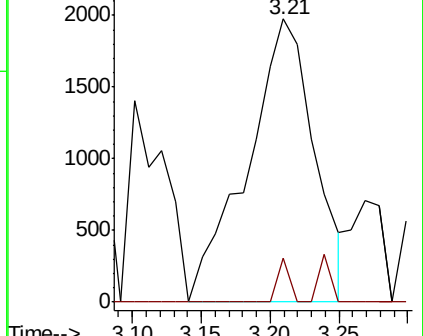
43 100

58 15.3 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 1.277 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.02 min

Lab File: VD063627.D

Acq: 16 Aug 2019 10:14

Tgt Ion: 84 Resp: 13650

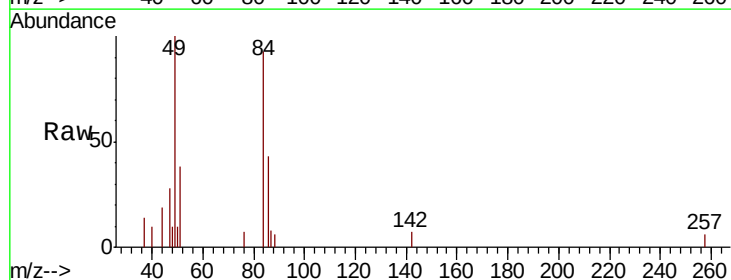
Ion Ratio Lower Upper

84 100

49 107.6 103.4 155.2

51 40.4 28.5 42.7

86 46.3 49.4 74.2#

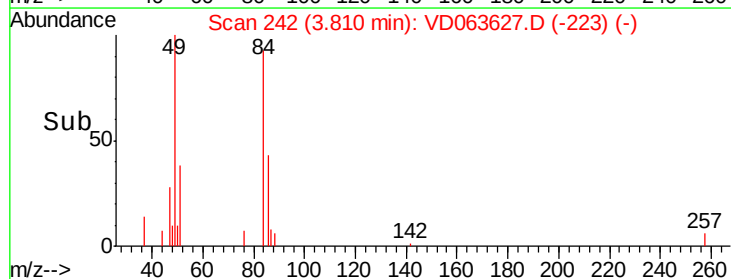
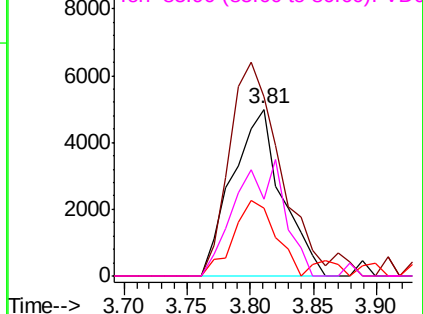


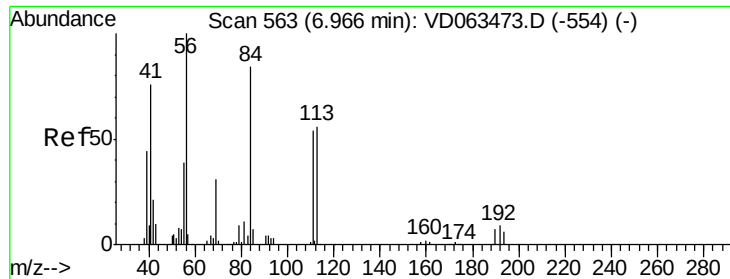
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

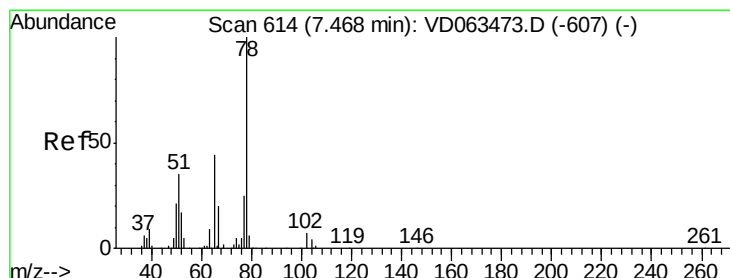
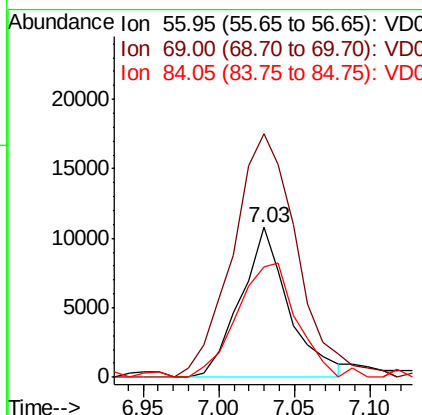
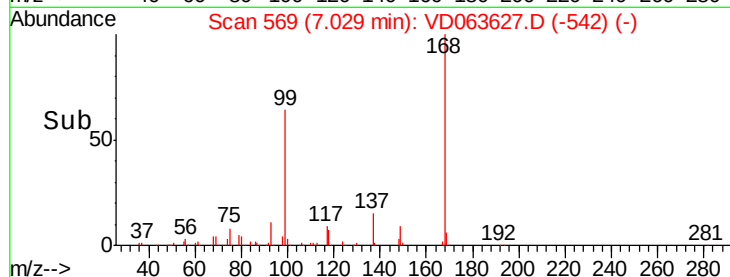
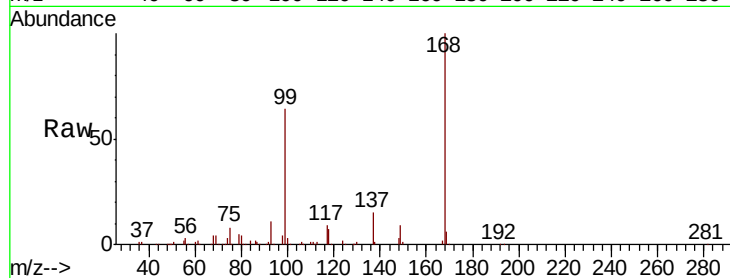




#31
Cyclohexane
Concen: 2.191 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.06 min
Lab File: VD063627.D
Acq: 16 Aug 2019 10:14

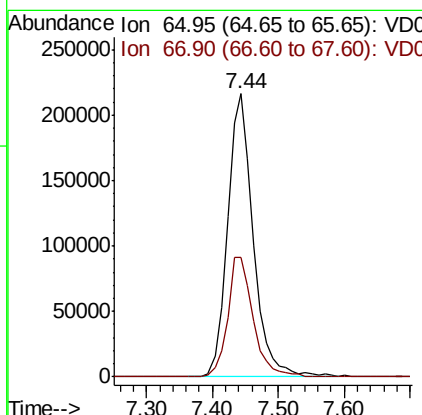
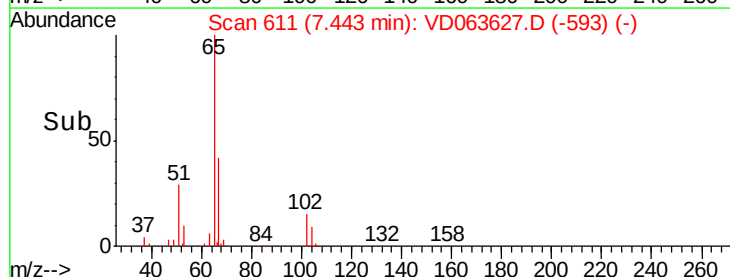
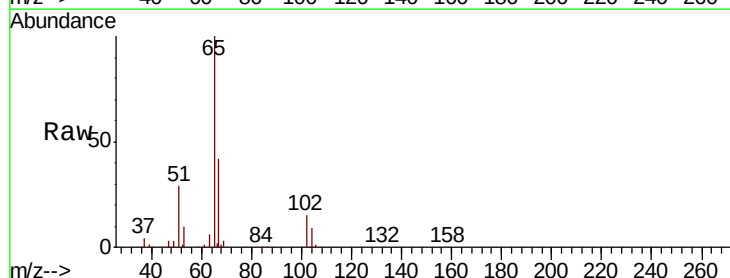
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBL01

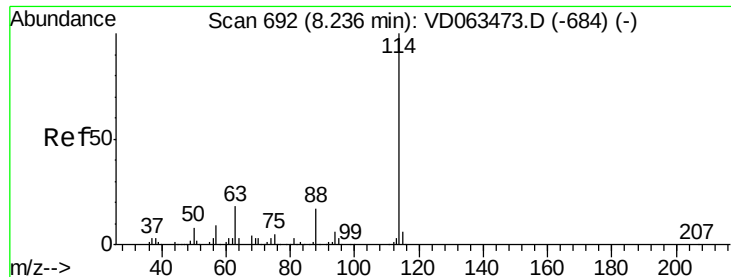
Tgt Ion: 56 Resp: 24051
Ion Ratio Lower Upper
56 100
69 162.3 25.0 37.6#
84 73.3 69.7 104.5



#33
1,2-Dichloroethane-d4
Concen: 48.295 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.03 min
Lab File: VD063627.D
Acq: 16 Aug 2019 10:14

Tgt Ion: 65 Resp: 587154
Ion Ratio Lower Upper
65 100
67 42.4 0.0 89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD063627.D

Acq: 16 Aug 2019 10:14

Instrument :

MSVOA_D

ClientSampleId :

VD0816SBL01

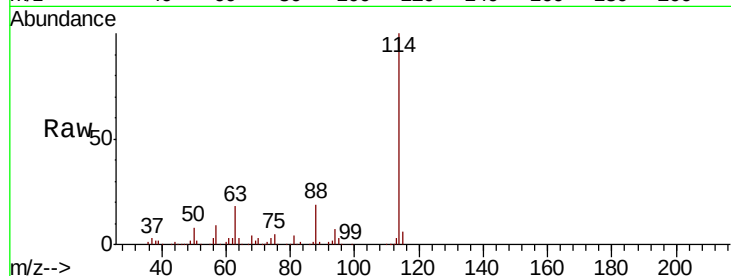
Tgt Ion:114 Resp: 1438106

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.2

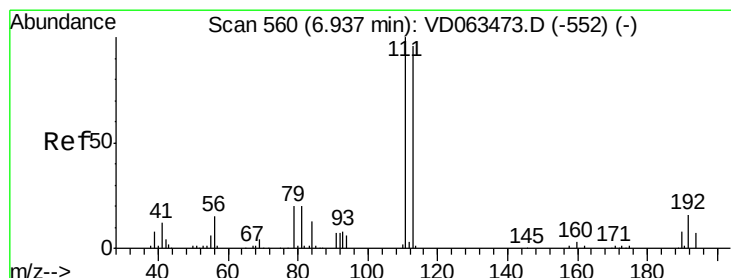
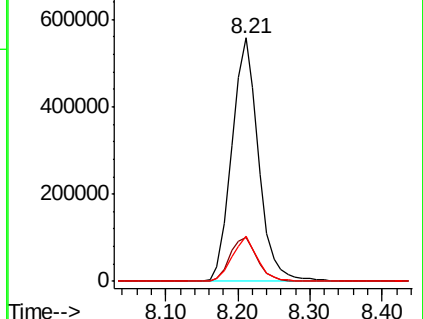
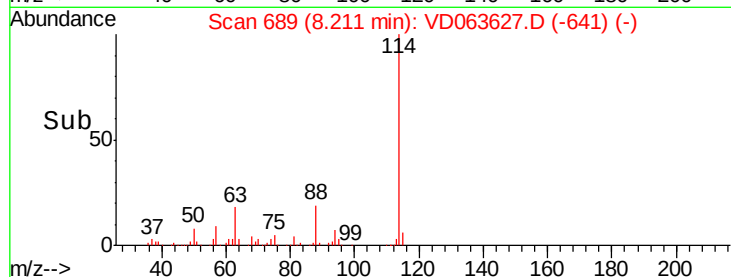
88 18.5 0.0 35.0



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: 55.628 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD063627.D

Acq: 16 Aug 2019 10:14

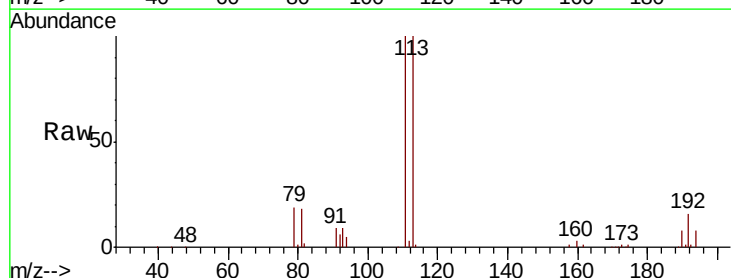
Tgt Ion:113 Resp: 673757

Ion Ratio Lower Upper

113 100

111 99.7 83.1 124.7

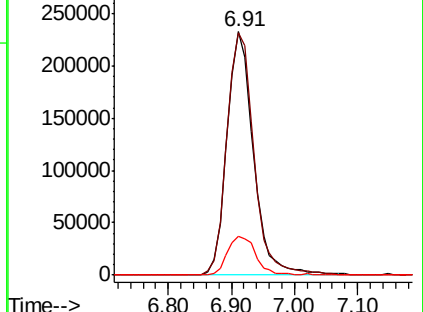
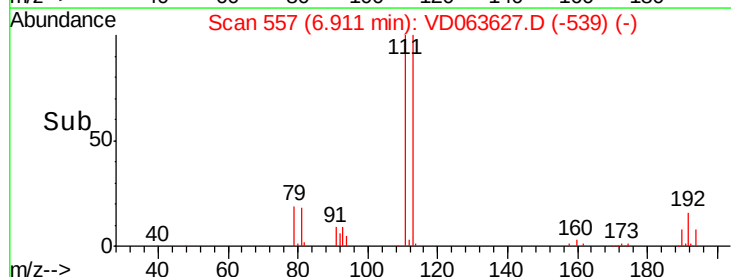
192 16.1 13.1 19.7

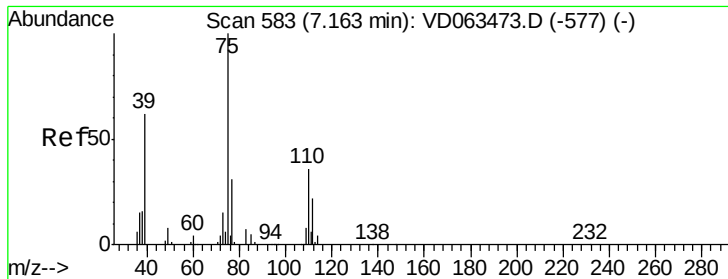


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 6.636 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.13 min

Lab File: VD063627.D

Acq: 16 Aug 2019 10:14

Instrument :

MSVOA_D

ClientSampleId :

VD0816SBL01

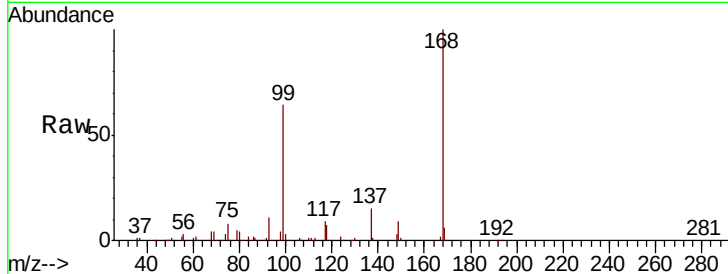
Tgt Ion: 75 Resp: 84361

Ion Ratio Lower Upper

75 100

110 6.4 17.6 52.8#

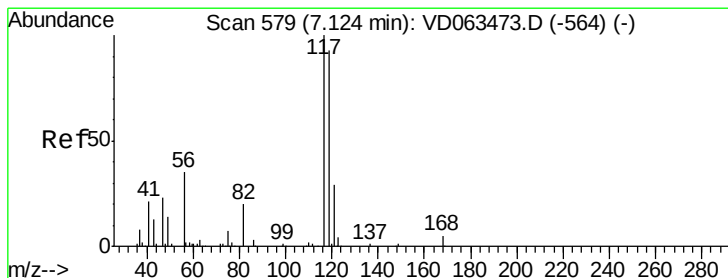
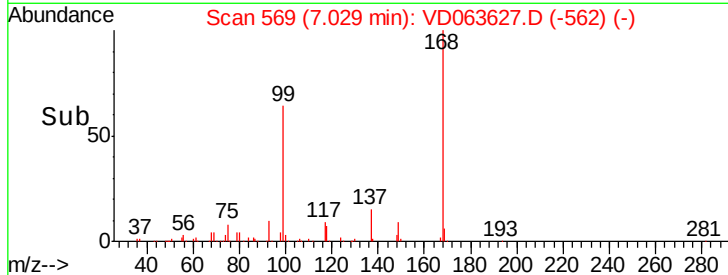
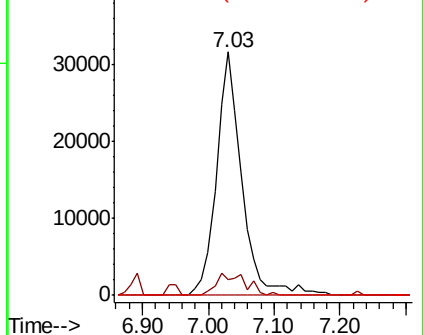
77 0.0 24.3 36.5#



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: 5.523 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.09 min

Lab File: VD063627.D

Acq: 16 Aug 2019 10:14

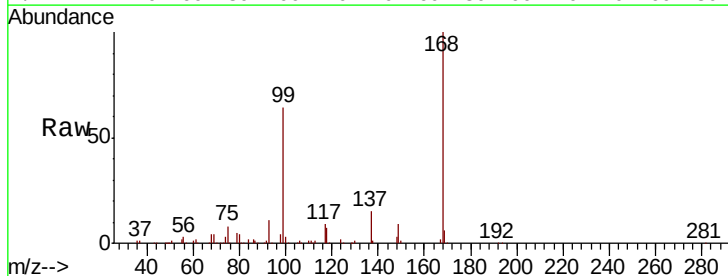
Tgt Ion: 117 Resp: 105813

Ion Ratio Lower Upper

117 100

119 5.2 74.2 111.2#

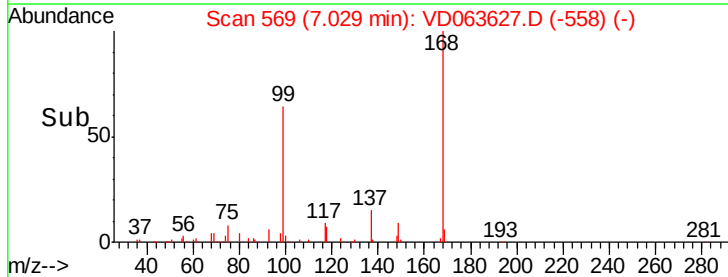
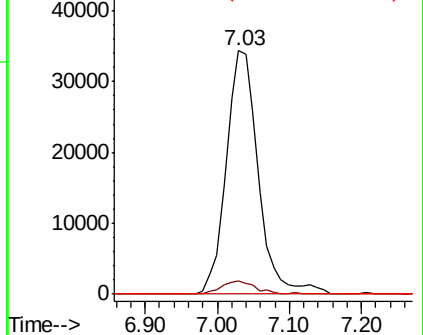
121 0.0 23.1 34.7#

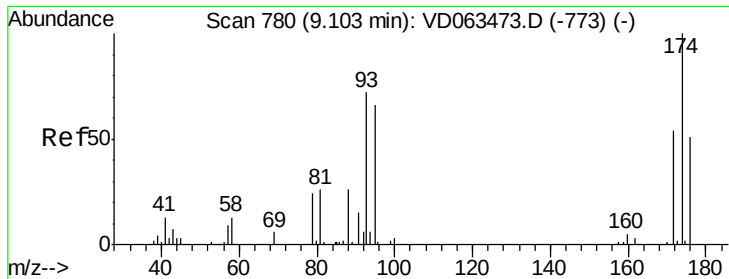


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

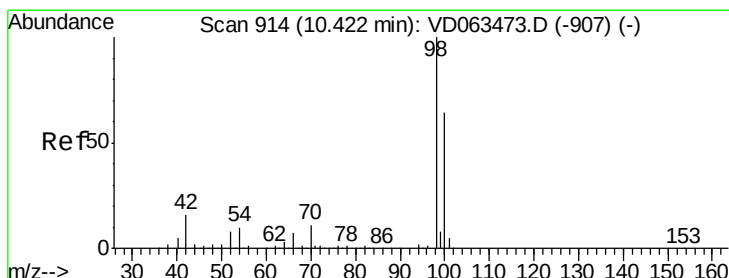
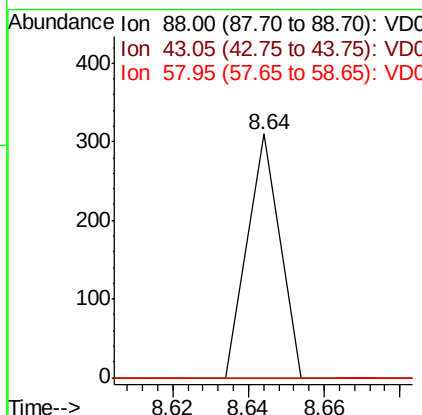
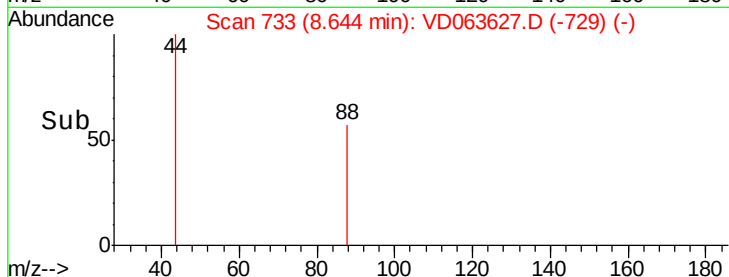
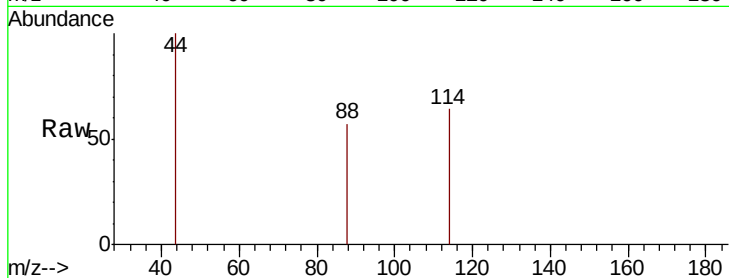




#49
1,4-Dioxane
Concen: 28.871 ug/l
RT: 8.64 min Scan# 733
Delta R.T. -0.46 min
Lab File: VD063627.D
Acq: 16 Aug 2019 10:14

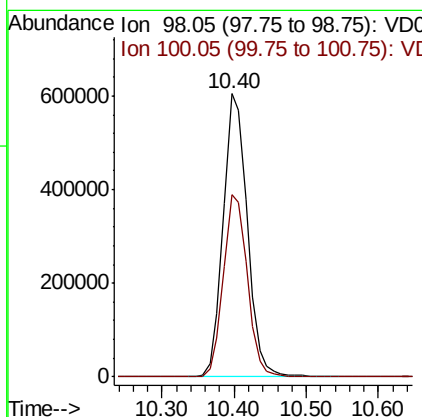
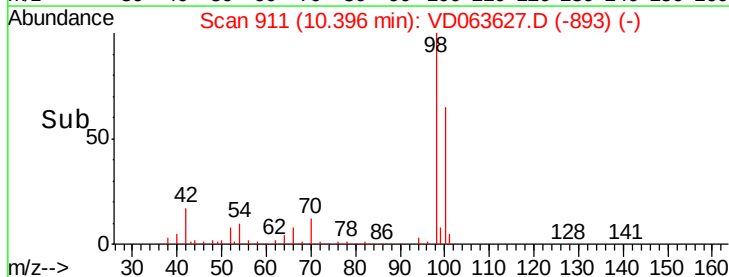
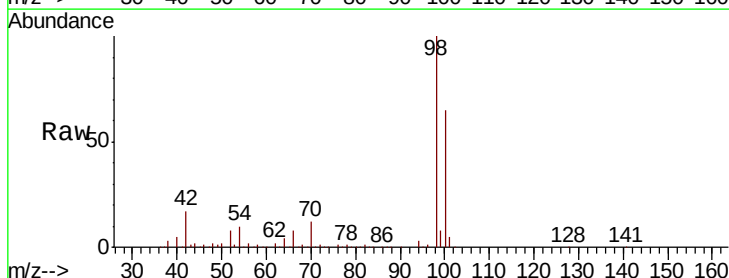
Instrument :
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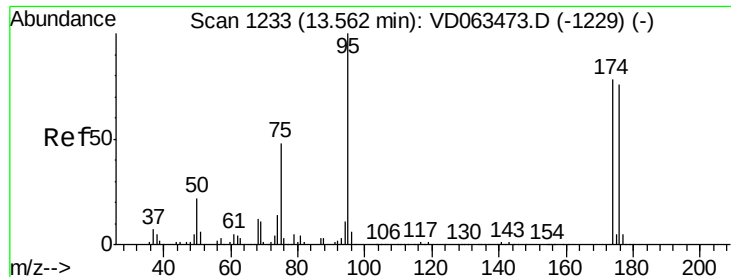
Tgt Ion: 88 Resp: 183
Ion Ratio Lower Upper
88 100
43 175.2 22.9 34.3#
58 0.0 40.1 60.1#



#50
Toluene-d8
Concen: 52.794 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.03 min
Lab File: VD063627.D
Acq: 16 Aug 2019 10:14

Tgt Ion: 98 Resp: 1405819
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5

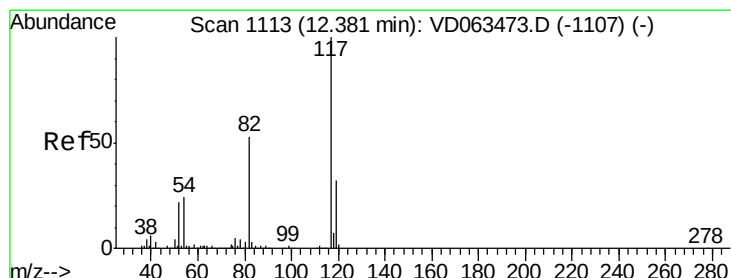
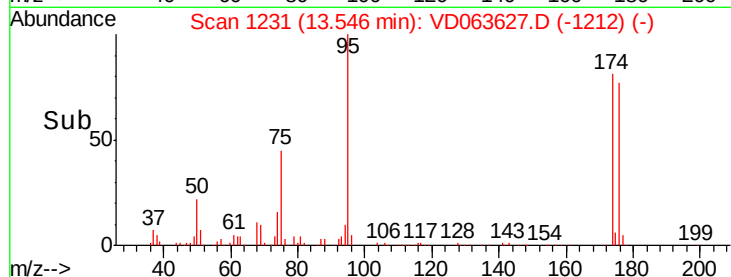
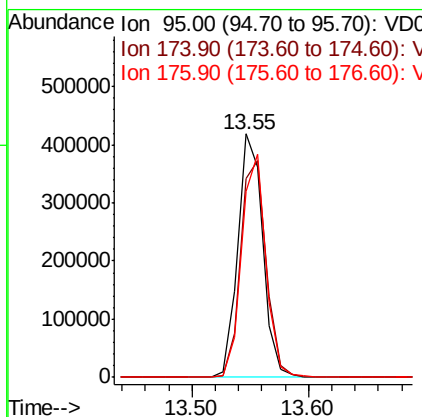
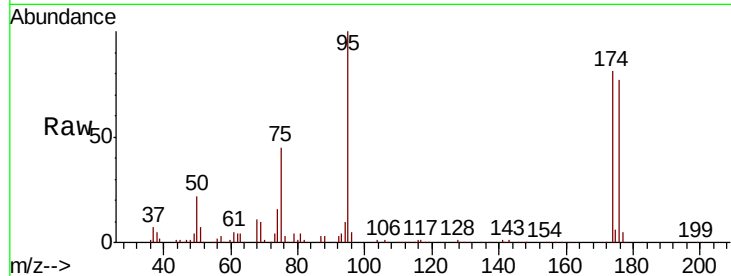




#62
4-Bromofluorobenzene
Concen: 51.382 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VD063627.D
Acq: 16 Aug 2019 10:14

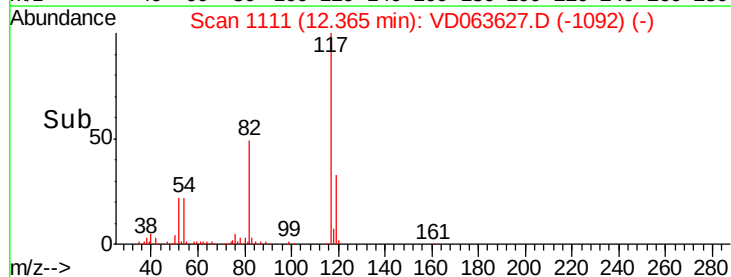
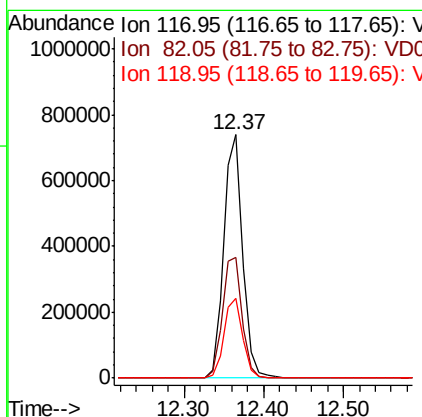
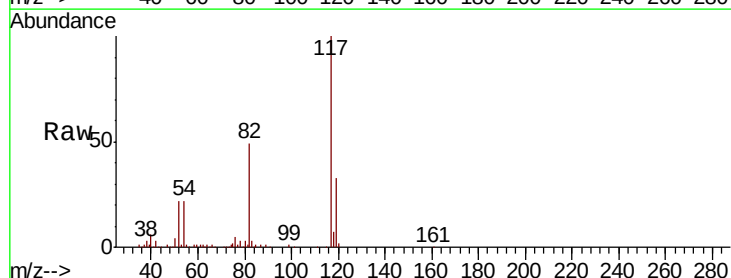
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBL01

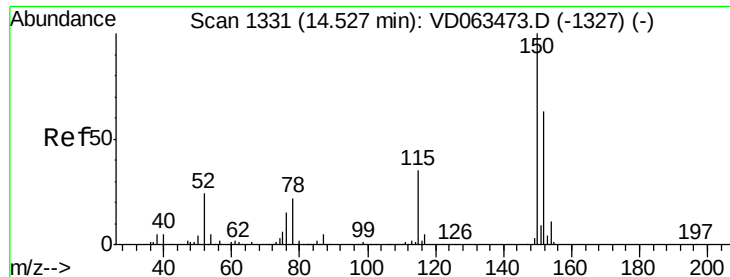
Tgt Ion: 95 Resp: 620141
Ion Ratio Lower Upper
95 100
174 81.4 0.0 155.4
176 76.7 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063627.D
Acq: 16 Aug 2019 10:14

Tgt Ion: 117 Resp: 1242301
Ion Ratio Lower Upper
117 100
82 49.5 42.0 63.0
119 33.0 25.4 38.0



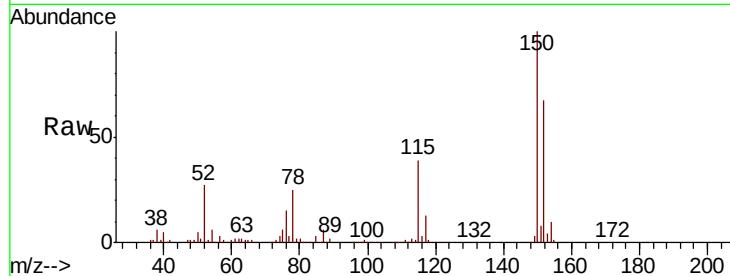


#72

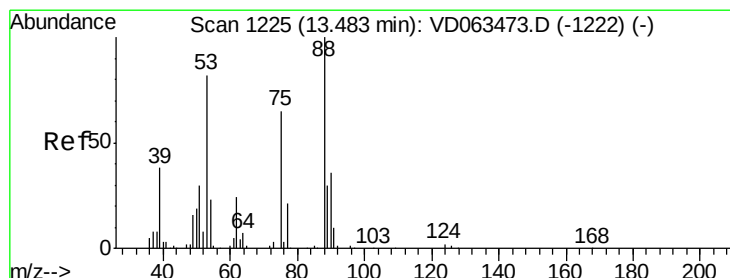
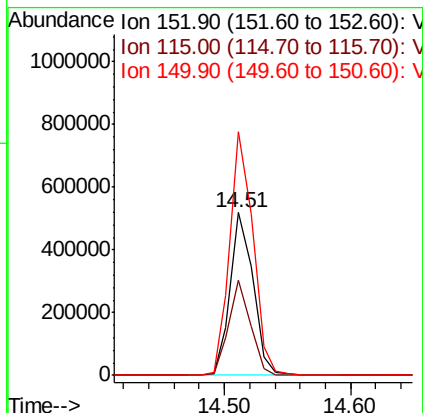
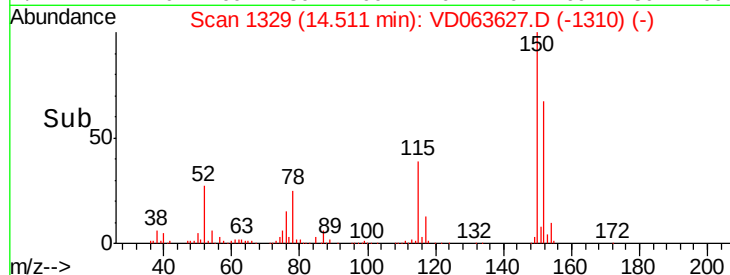
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD063627.D
Acq: 16 Aug 2019 10:14

Instrument :
MSVOA_D
ClientSampleId :
VD0816SBL01

Tgt Ion:152 Resp: 649121
Ion Ratio Lower Upper
152 100
115 58.4 30.9 92.7
150 149.7 0.0 318.6



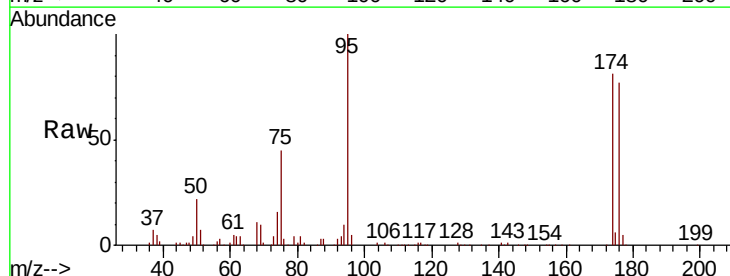
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene
Concen: 136.492 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. 0.06 min
Lab File: VD063627.D
Acq: 16 Aug 2019 10:14

Tgt Ion: 75 Resp: 273298
Ion Ratio Lower Upper
75 100
53 0.0 101.0 151.4#
89 0.0 37.0 55.6#



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

