

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070819\
 Data File : VD063033.D
 Acq On : 8 Jul 2019 13:39
 Operator : VA/AP
 Sample : VD0708SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBL01

Quant Time: Jul 09 05:09:20 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

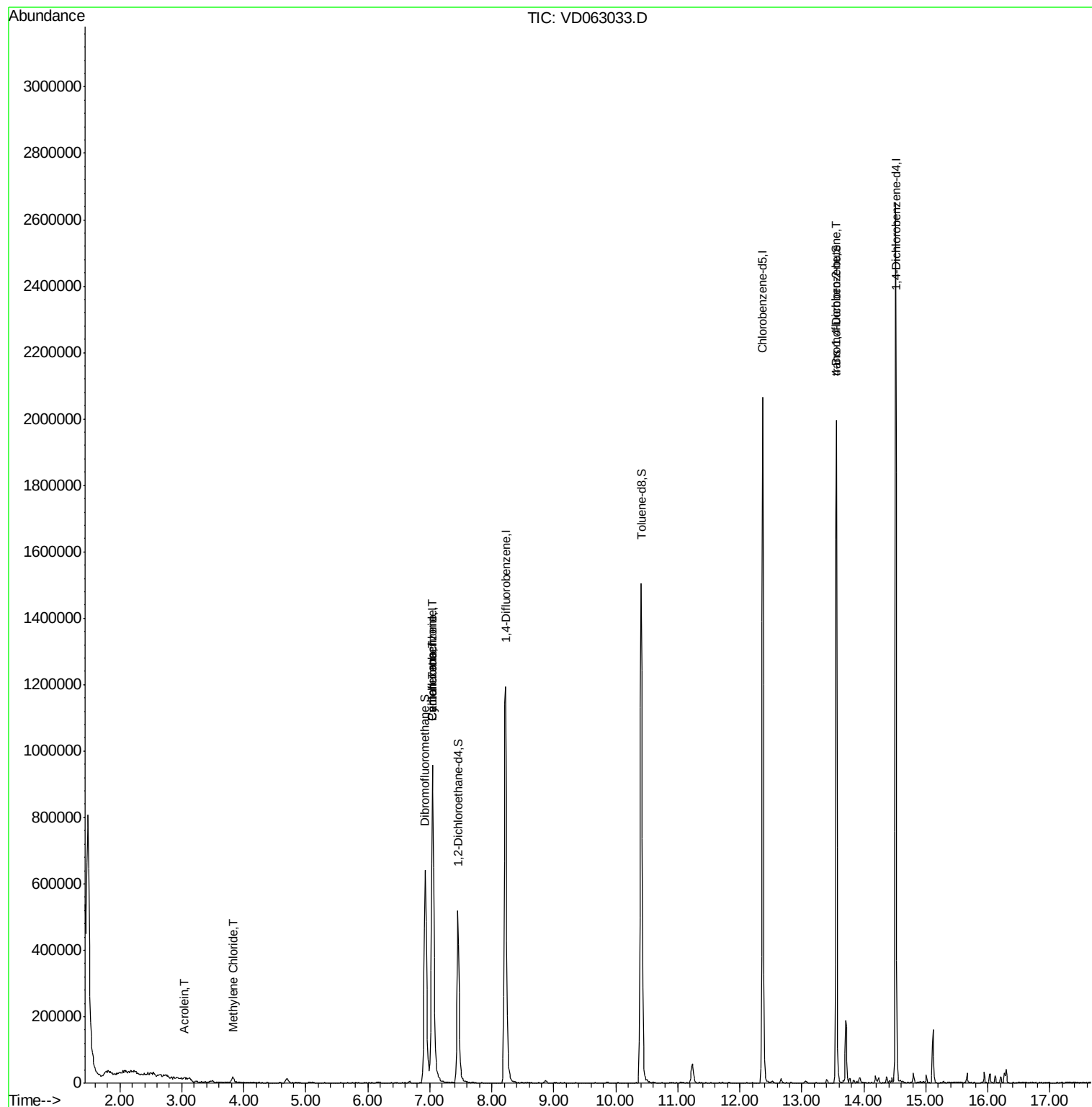
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	903129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1265438	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1060252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	556787	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	583067	59.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.78%	
35) Dibromofluoromethane	6.92	113	591568	55.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.88%	
50) Toluene-d8	10.41	98	1213974	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	13.56	95	565704	53.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.14%	
Target Compounds						
13) Acrolein	3.03	56	600	1.315	ug/l	93
16) Acetone	3.23	43	5115	Below Cal	#	64
20) Methylene Chloride	3.81	84	8490	1.134	ug/l	89
31) Cyclohexane	7.03	56	22346	2.424	ug/l #	18
37) Ethyl Acetate	6.20	43	614	Below Cal	#	69
38) Carbon Tetrachloride	7.05	117	94437	5.242	ug/l #	13
81) trans-1,4-Dichloro-2-buten	13.56	75	266457	158.172	ug/l #	2

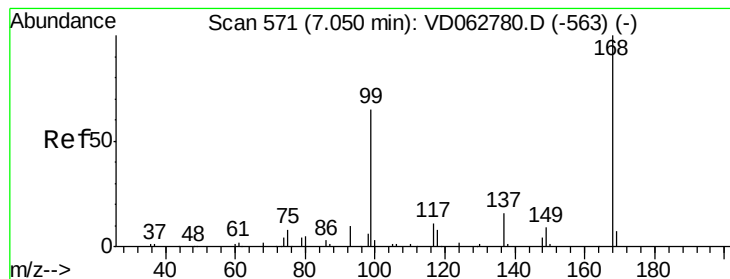
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VD0708SBL01

Quant Time: Jul 09 05:09:20 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: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD063033.D

Acq: 8 Jul 2019 13:39

Instrument :

MSVOA_D

ClientSampleId :

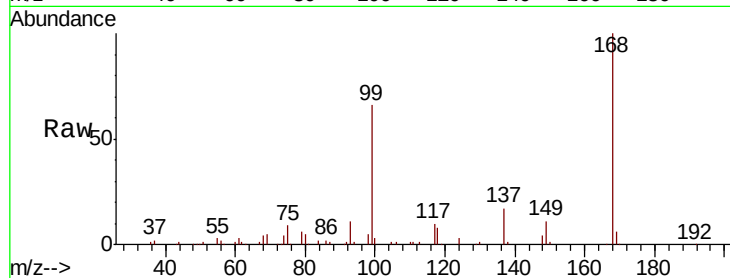
VD0708SBL01

Tot Ion:168 Resp: 903129

Ion Ratio Lower Upper

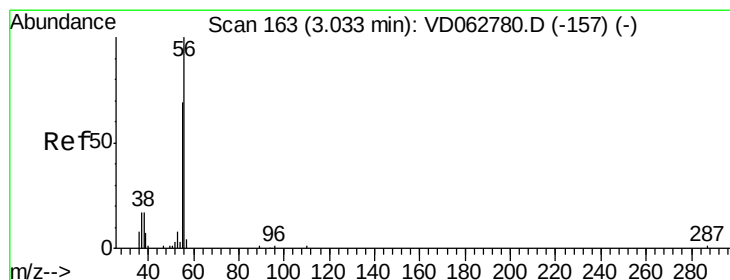
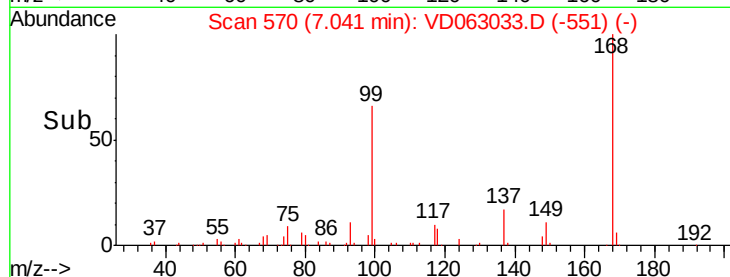
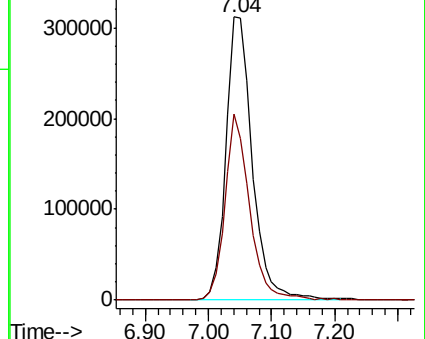
168 100

99 65.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#13

Acrolein

Concen: 1.315 ug/l

RT: 3.03 min Scan# 163

Delta R.T. 0.00 min

Lab File: VD063033.D

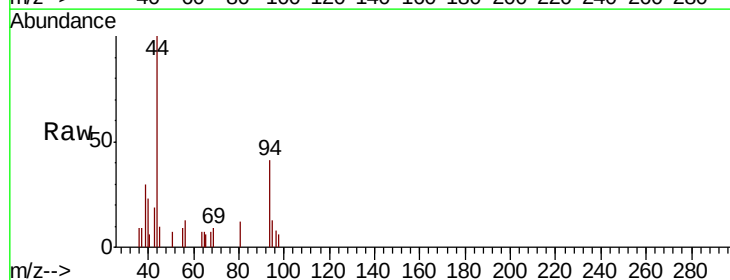
Acq: 8 Jul 2019 13:39

Tgt Ion: 56 Resp: 600

Ion Ratio Lower Upper

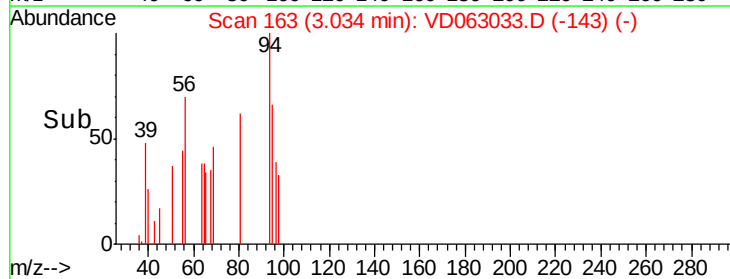
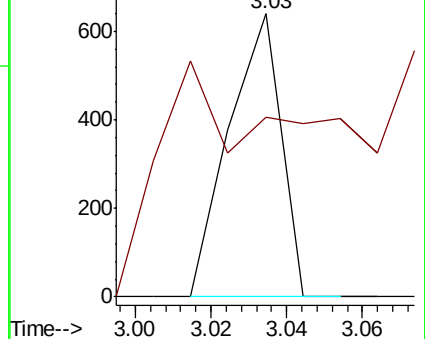
56 100

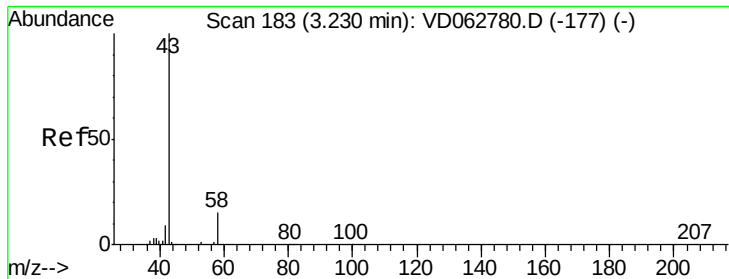
55 63.4 55.4 83.0



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

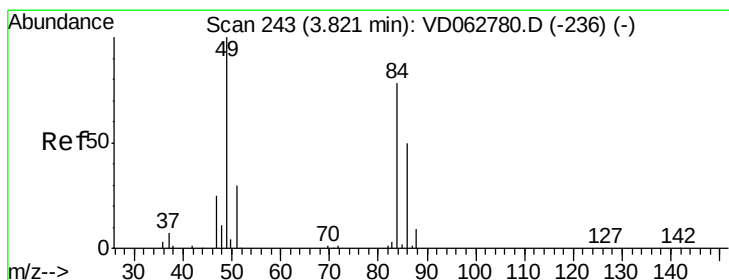
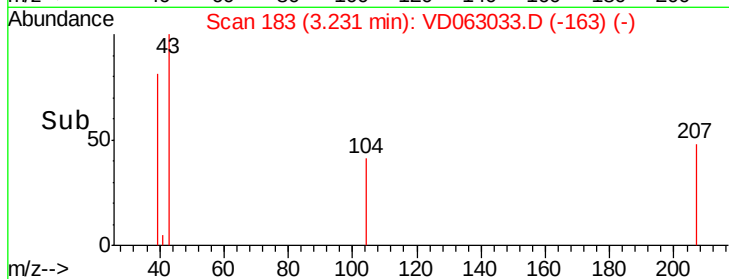
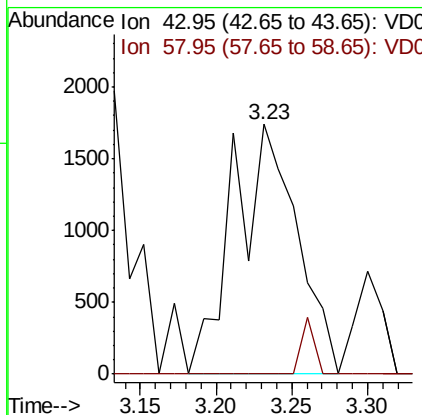
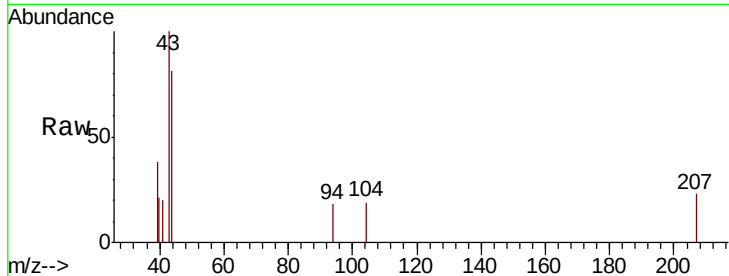




#16
Acetone
Concen: Below Cal
RT: 3.23 min Scan# 183
Delta R.T. 0.00 min
Lab File: VD063033.D
Acq: 8 Jul 2019 13:39

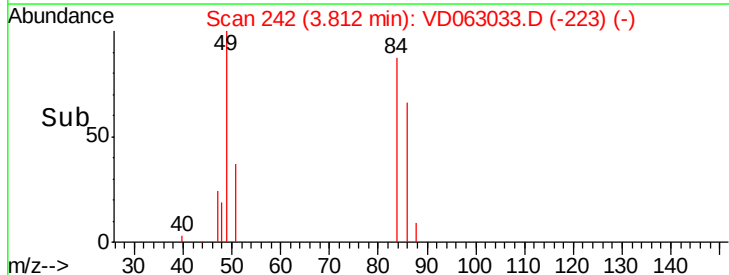
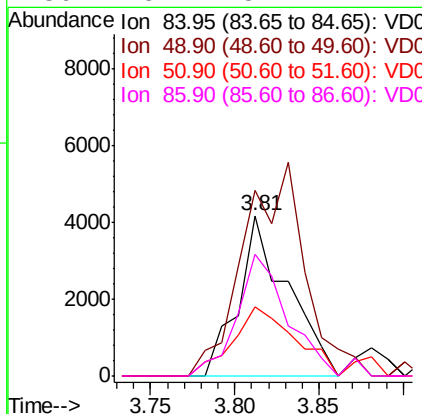
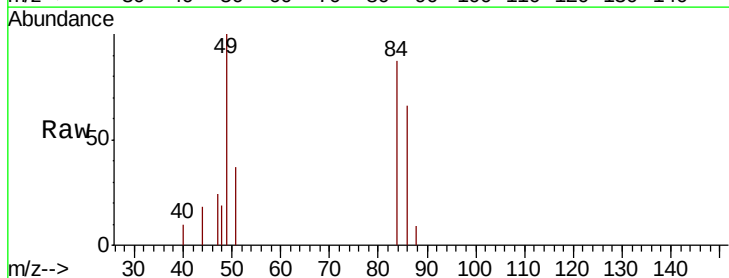
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBL01

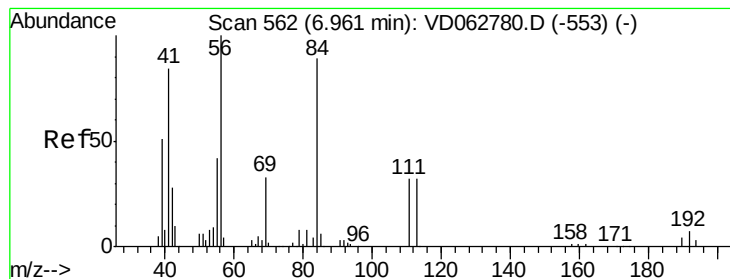
Tot Ion: 43 Resp: 5115
Ion Ratio Lower Upper
43 100
58 0.0 11.9 17.9#



#20
Methylene Chloride
Concen: 1.134 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD063033.D
Acq: 8 Jul 2019 13:39

Tgt Ion: 84 Resp: 8490
Ion Ratio Lower Upper
84 100
49 115.5 102.9 154.3
51 42.8 31.2 46.8
86 75.7 51.4 77.2





#31

Cyclohexane

Concen: 2.424 ug/l

RT: 7.03 min Scan# 569

Delta R.T. 0.07 min

Lab File: VD063033.D

Acq: 8 Jul 2019 13:39

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBL01

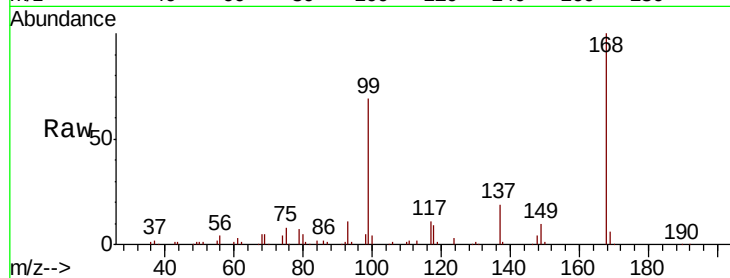
Tot Ion: 56 Resp: 22346

Ion Ratio Lower Upper

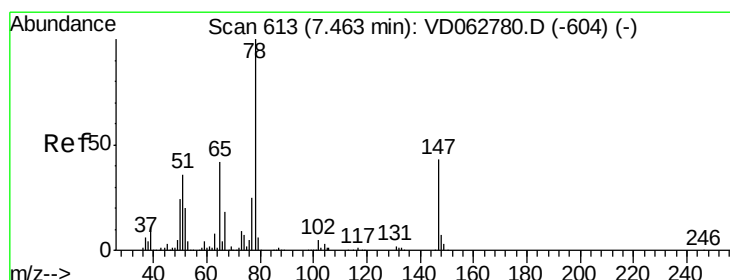
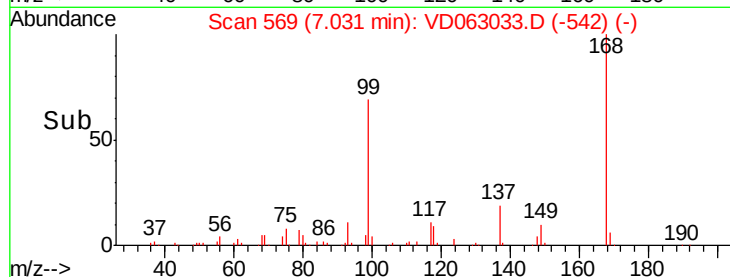
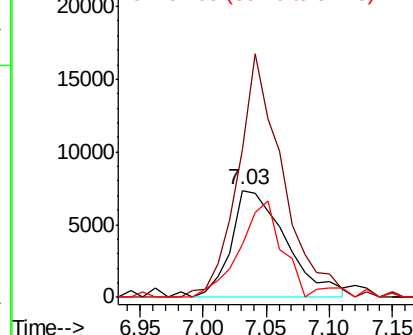
56 100

69 137.7 26.6 39.8#

84 49.5 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: 59.394 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD063033.D

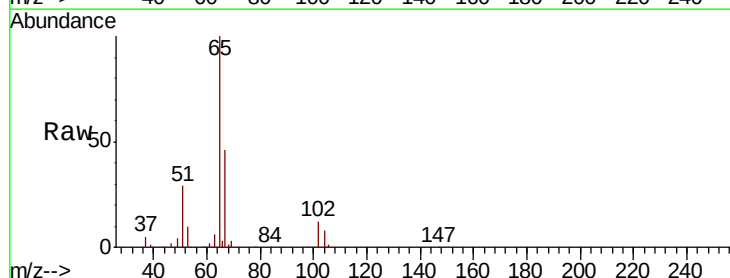
Acq: 8 Jul 2019 13:39

Tgt Ion: 65 Resp: 583067

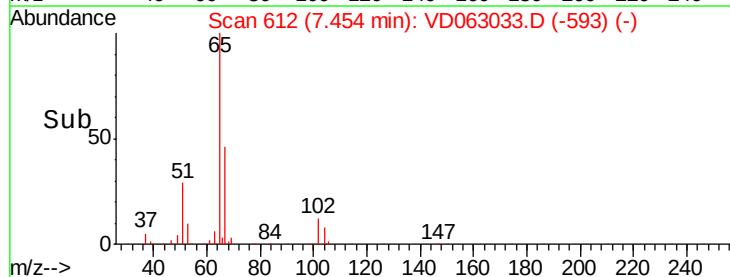
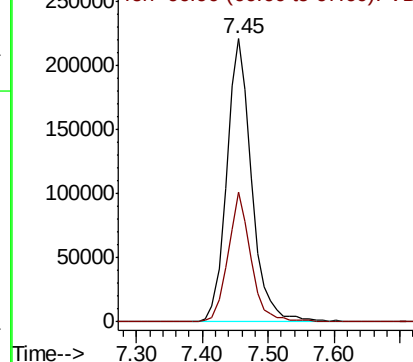
Ion Ratio Lower Upper

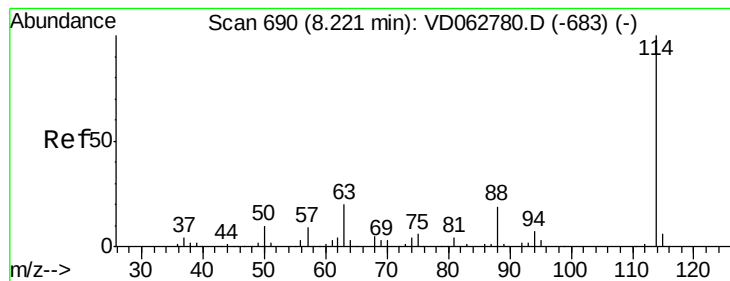
65 100

67 45.7 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: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD063033.D

Acq: 8 Jul 2019 13:39

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBL01

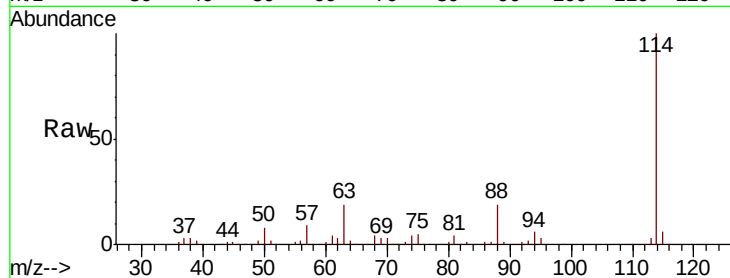
Tot Ion:114 Resp: 1265438

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

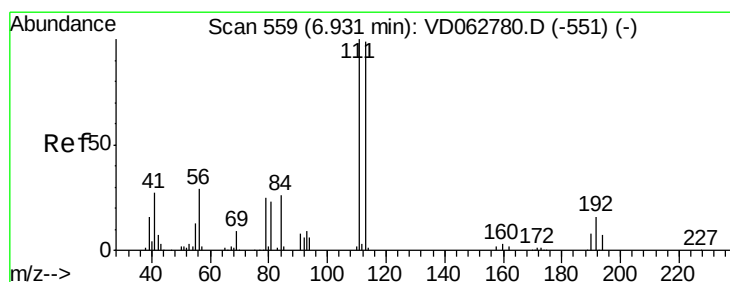
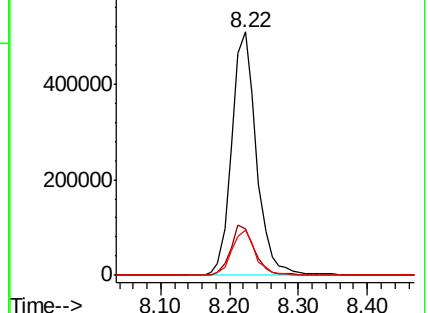
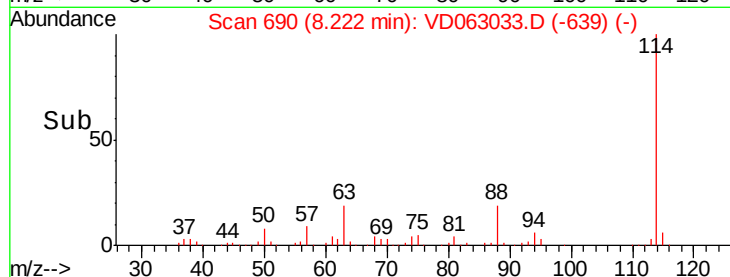
88 18.8 0.0 38.8



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: 55.442 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063033.D

Acq: 8 Jul 2019 13:39

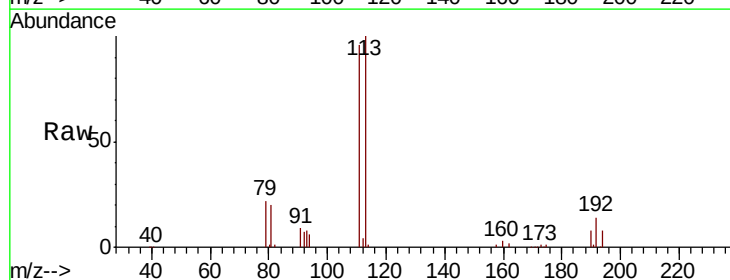
Tgt Ion:113 Resp: 591568

Ion Ratio Lower Upper

113 100

111 96.3 81.2 121.8

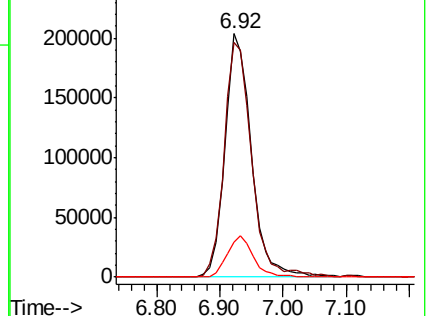
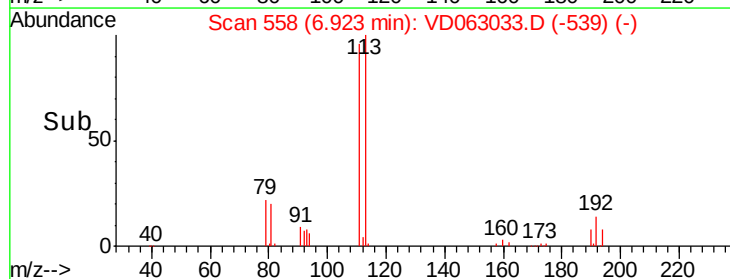
192 14.1 12.9 19.3

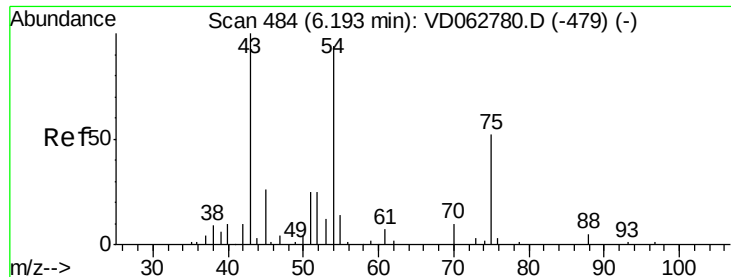


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#37

Ethyl Acetate

Concen: Below Cal

RT: 6.20 min Scan# 485

Delta R.T. 0.01 min

Lab File: VD063033.D

Acq: 8 Jul 2019 13:39

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBL01

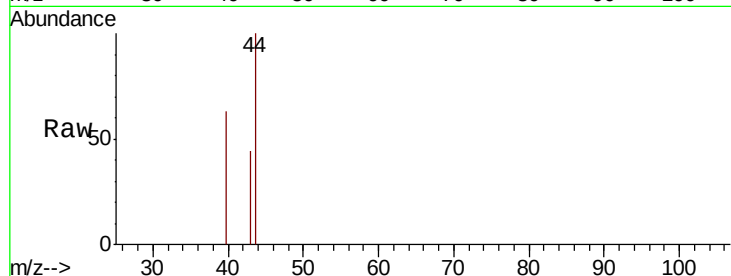
Tot Ion: 43 Resp: 614

Ion Ratio Lower Upper

43 100

61 0.0 11.6 17.4#

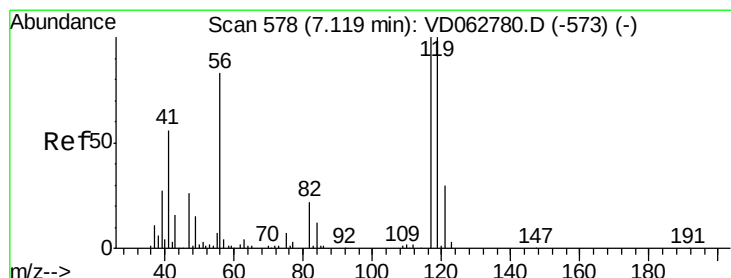
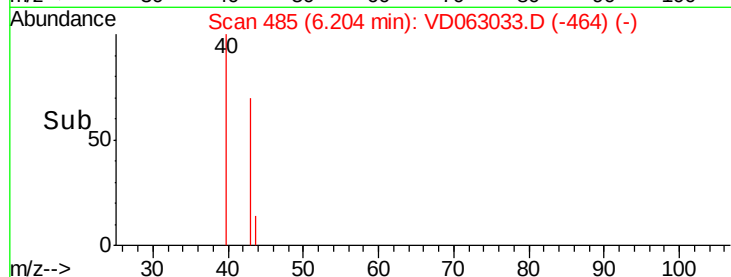
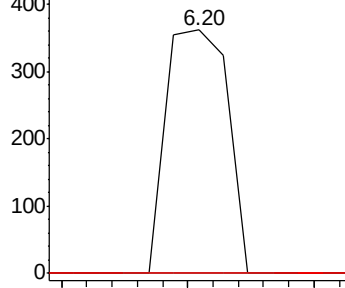
70 0.0 6.4 9.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 5.242 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.07 min

Lab File: VD063033.D

Acq: 8 Jul 2019 13:39

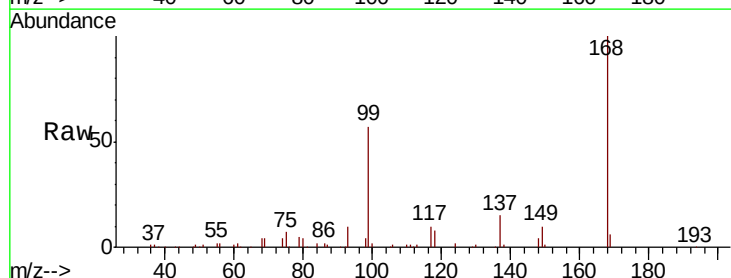
Tgt Ion: 117 Resp: 94437

Ion Ratio Lower Upper

117 100

119 0.0 75.4 113.2#

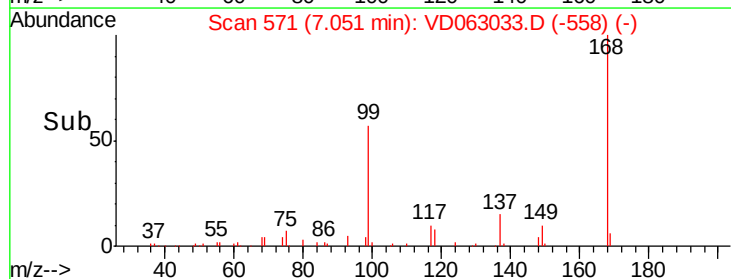
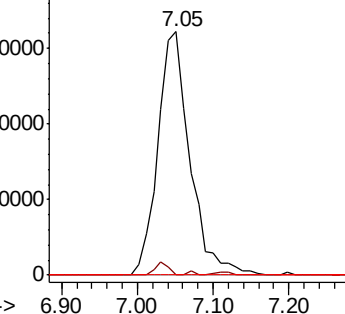
121 0.0 22.3 33.5#

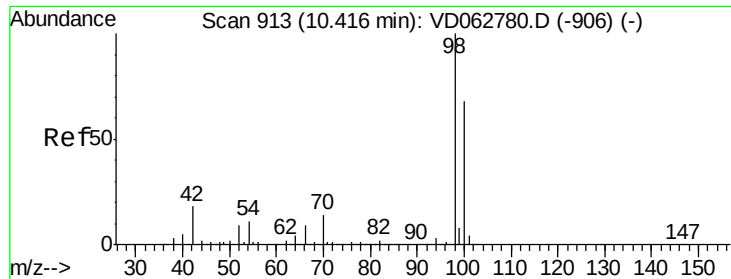


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

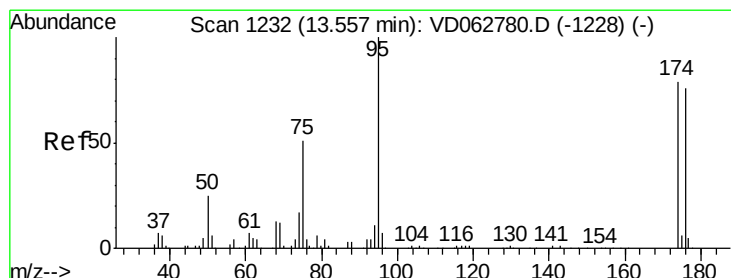
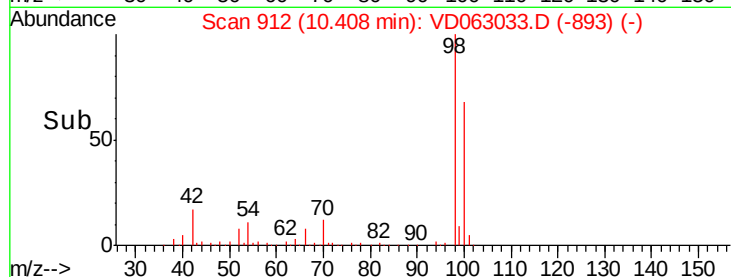
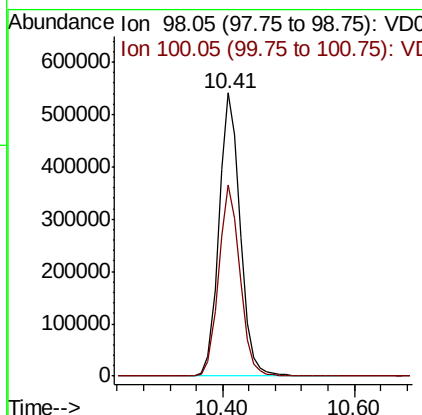
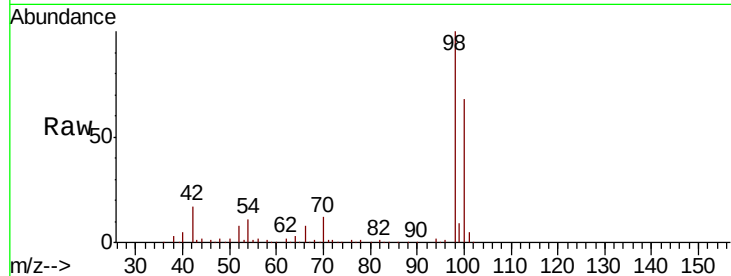




#50
Toluene-d8
Concen: 52.274 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063033.D
Acq: 8 Jul 2019 13:39

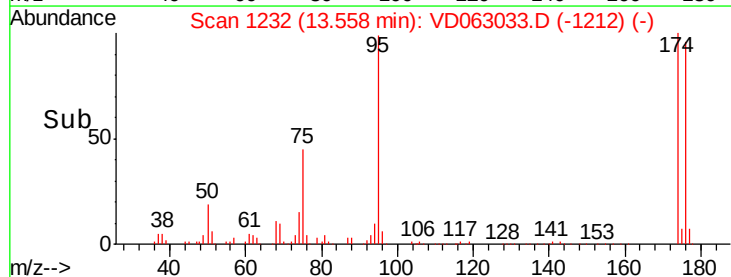
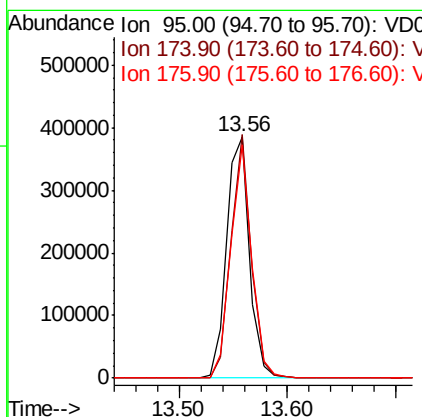
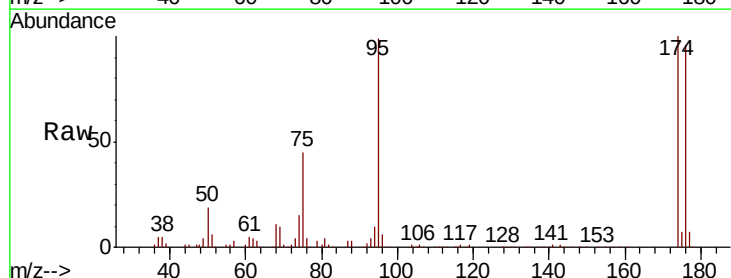
Instrument :
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VD0708SBL01

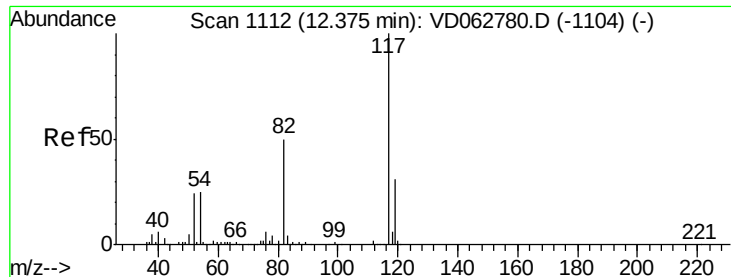
Tot Ion: 98 Resp: 1213974
Ion Ratio Lower Upper
98 100
100 67.6 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 53.572 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063033.D
Acq: 8 Jul 2019 13:39

Tgt Ion: 95 Resp: 565704
Ion Ratio Lower Upper
95 100
174 100.8 0.0 158.0
176 96.6 0.0 151.6

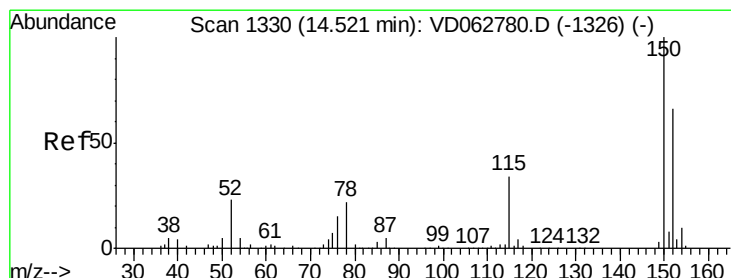
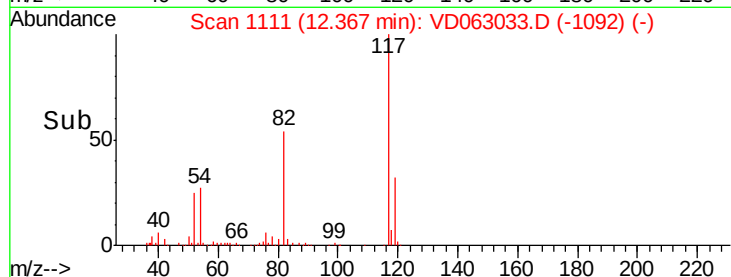
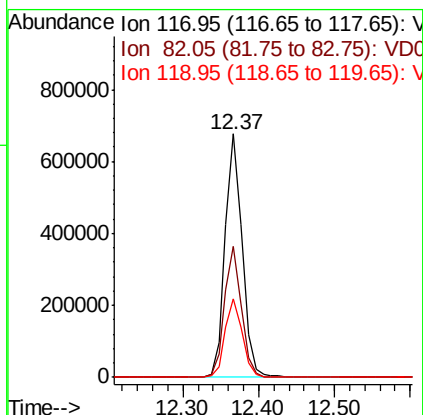
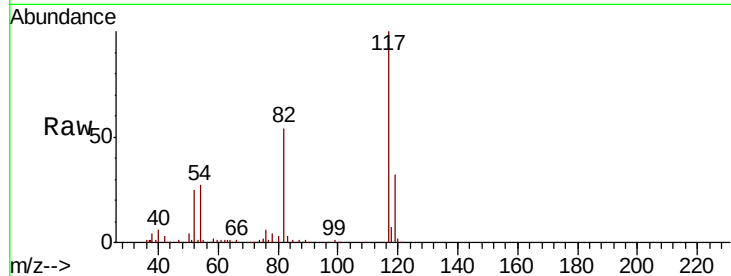




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063033.D
Acq: 8 Jul 2019 13:39

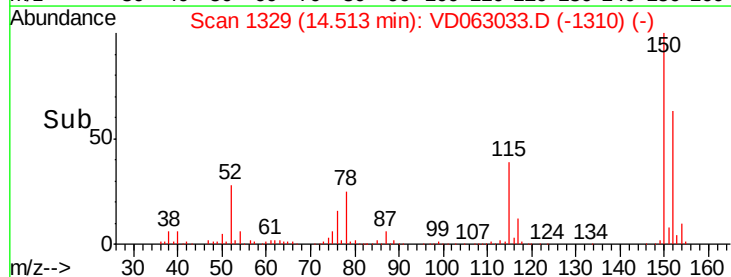
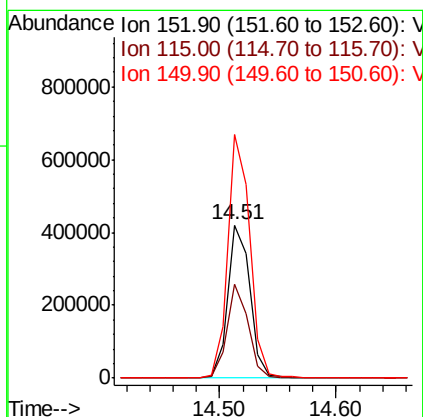
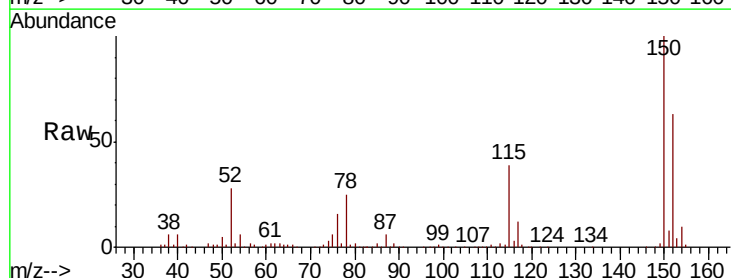
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBL01

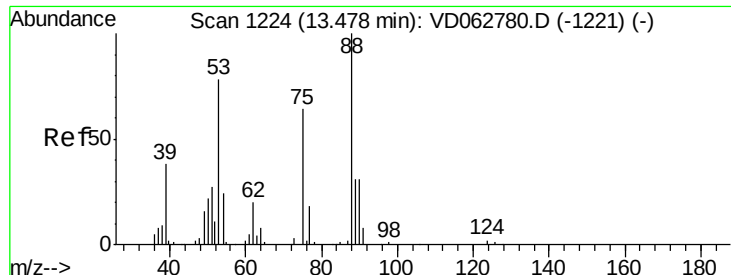
Tot Ion:117 Resp: 1060252
Ion Ratio Lower Upper
117 100
82 53.8 40.4 60.6
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063033.D
Acq: 8 Jul 2019 13:39

Tgt Ion:152 Resp: 556787
Ion Ratio Lower Upper
152 100
115 61.6 29.2 87.6
150 159.1 0.0 305.8





#81

trans-1,4-Dichloro-2-butene

Concen: 158.172 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD063033.D

Acq: 8 Jul 2019 13:39

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBL01

Tot Ion: 75 Resp: 266457

Ion Ratio Lower Upper

75 100

53 0.0 97.8 146.8#

89 0.0 39.4 59.2#

