

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081619\
 Data File : VD063630.D
 Acq On : 16 Aug 2019 11:44
 Operator : JC/SY
 Sample : K4383-03
 Misc : 6.02g/5ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1359

Quant Time: Aug 17 05:59:59 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	7.04	168	1154721	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1648698	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	1408431	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	672649	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	651856	52.81	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	105.62%	
35) Dibromofluoromethane	6.91	113	701926	50.55	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	101.10%	
50) Toluene-d8	10.40	98	1475457	48.33	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	96.66%	
62) 4-Bromofluorobenzene	13.55	95	660504	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	

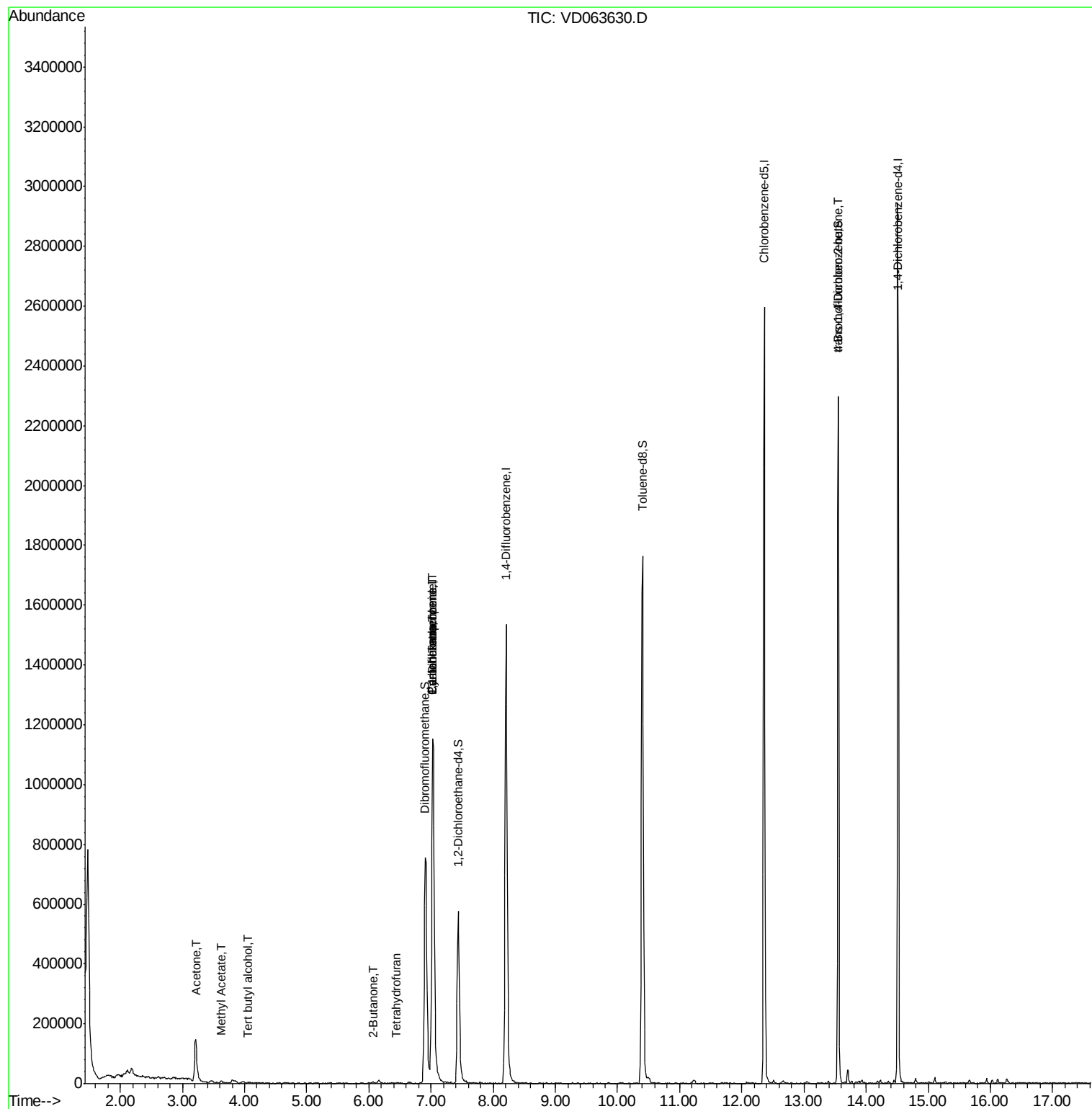
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.06	59	6173	11.489	ug/l #	71
16) Acetone	3.21	43	293286	116.889	ug/l	98
18) Methyl Acetate	3.62	43	13731	2.889	ug/l	98
25) 2-Butanone	6.06	43	7836	3.162	ug/l #	58
29) Tetrahydrofuran	6.45	42	2533	2.194	ug/l #	68
31) Cyclohexane	7.04	56	26696	2.395	ug/l #	7
36) 1,1-Dichloropropene	7.04	75	90125	6.184	ug/l #	50
38) Carbon Tetrachloride	7.03	117	111191	5.062	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.55	75	306132	147.543	ug/l #	1

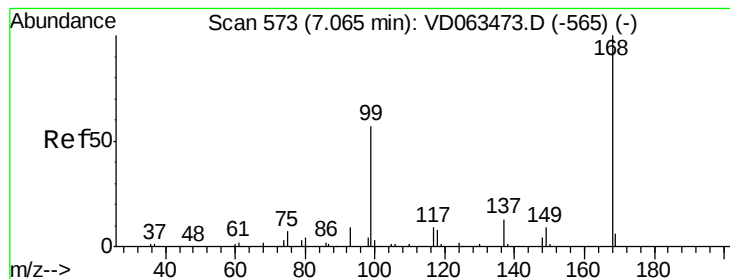
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD081619\
Data File : VD063630.D
Acq On : 16 Aug 2019 11:44
Operator : JC/SY
Sample : K4383-03
Misc : 6.02g/5ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1359

Quant Time: Aug 17 05:59:59 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: 7.04 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063630.D

Acq: 16 Aug 2019 11:44

Instrument :

MSVOA_D

ClientSampleId :

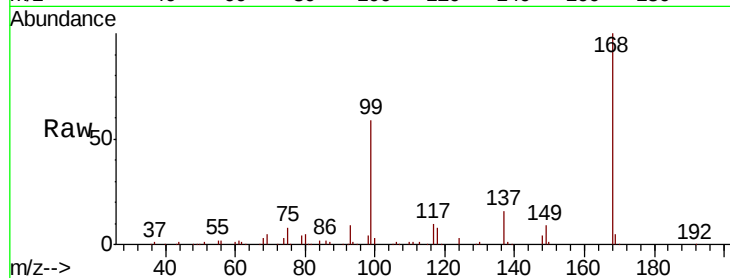
TP-1359

Tgt Ion:168 Resp: 1154721

Ion Ratio Lower Upper

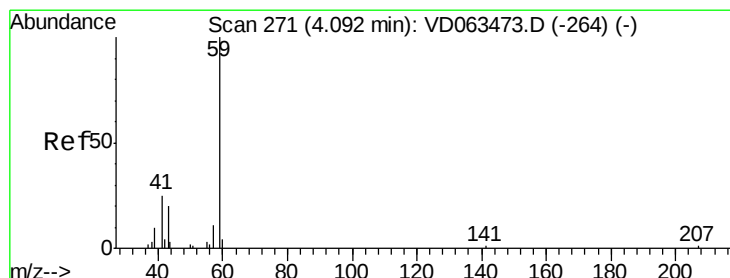
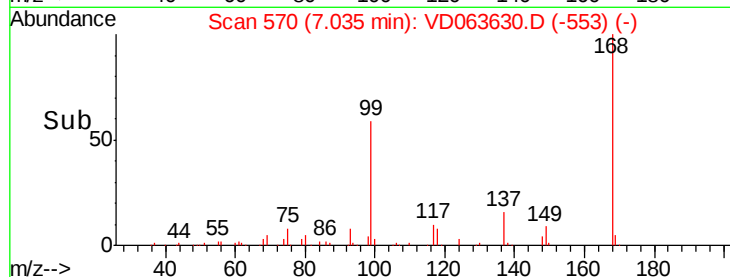
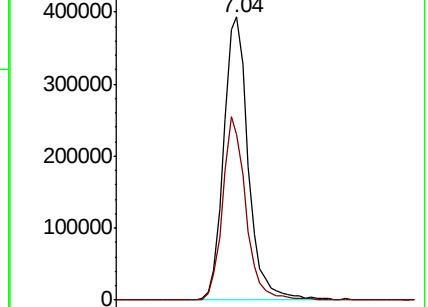
168 100

99 58.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 11.489 ug/l

RT: 4.06 min Scan# 268

Delta R.T. -0.03 min

Lab File: VD063630.D

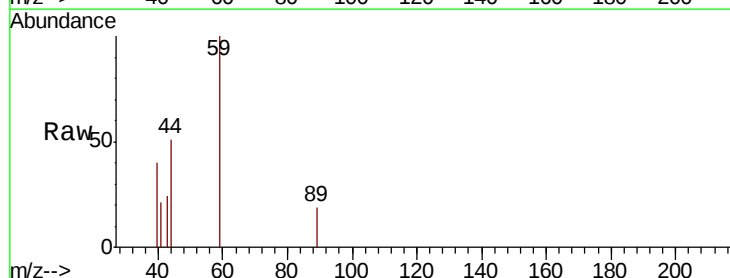
Acq: 16 Aug 2019 11:44

Tgt Ion: 59 Resp: 6173

Ion Ratio Lower Upper

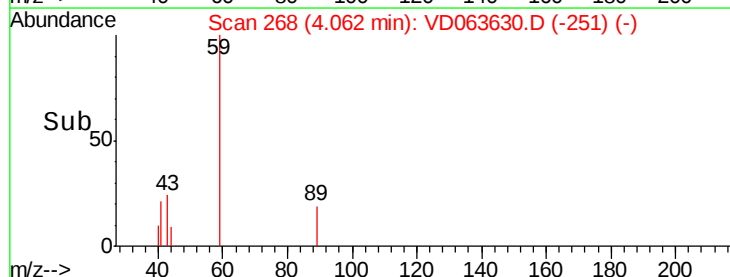
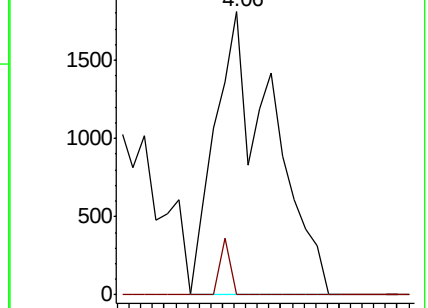
59 100

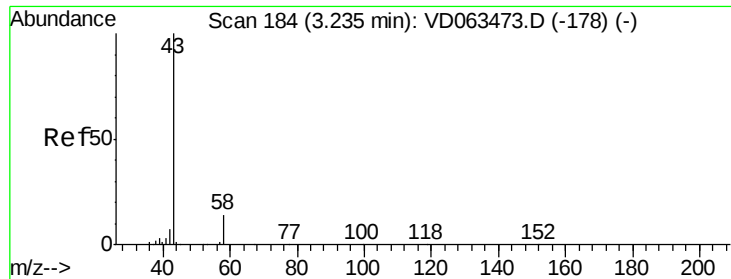
57 0.0 8.7 13.1#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 116.889 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.03 min

Lab File: VD063630.D

Acq: 16 Aug 2019 11:44

Instrument :

MSVOA_D

ClientSampled :

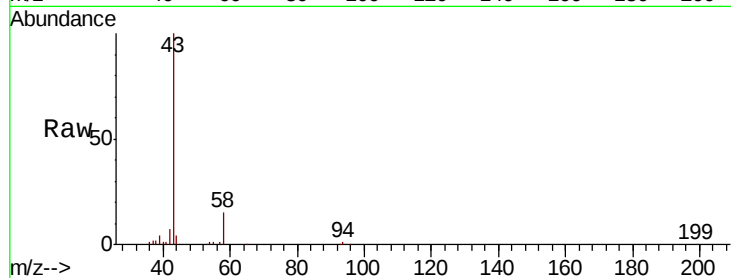
TP-1359

Tgt Ion: 43 Resp: 293286

Ion Ratio Lower Upper

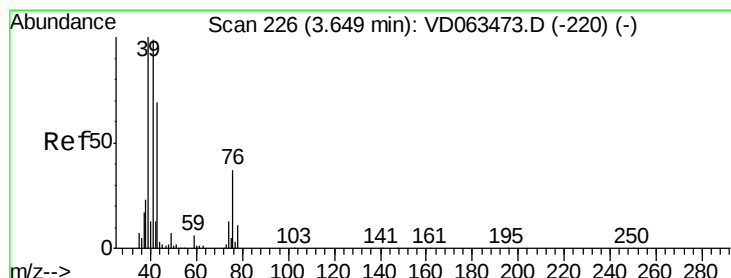
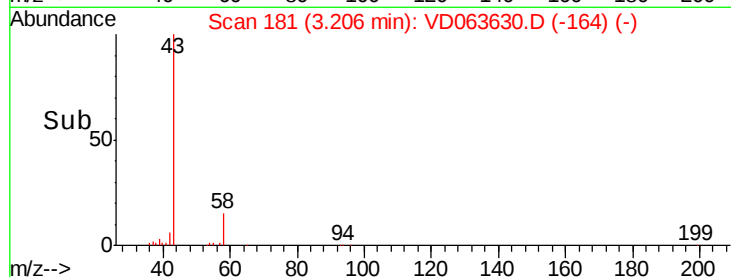
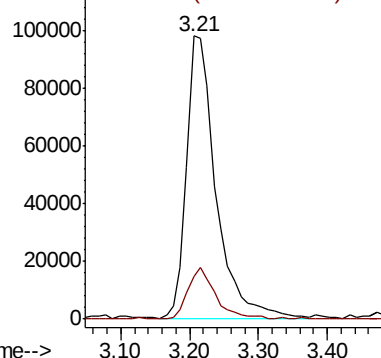
43 100

58 15.2 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: 2.889 ug/l

RT: 3.62 min Scan# 223

Delta R.T. -0.03 min

Lab File: VD063630.D

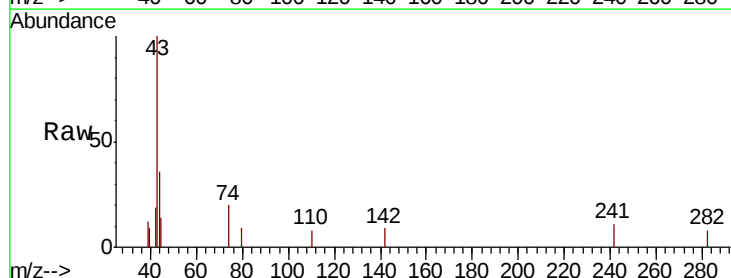
Acq: 16 Aug 2019 11:44

Tgt Ion: 43 Resp: 13731

Ion Ratio Lower Upper

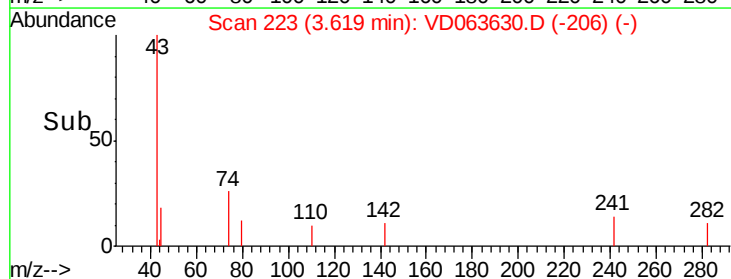
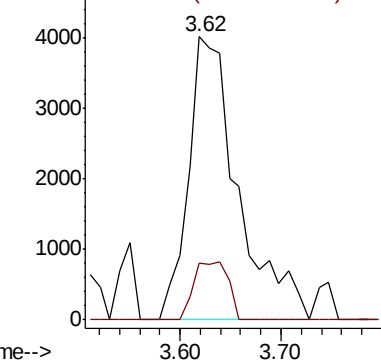
43 100

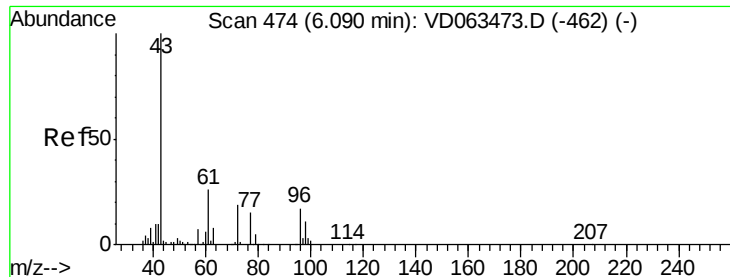
74 20.2 15.4 23.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

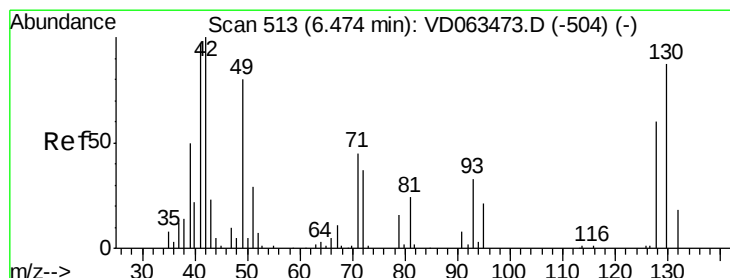
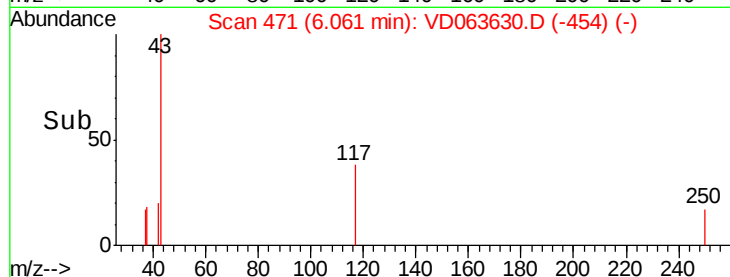
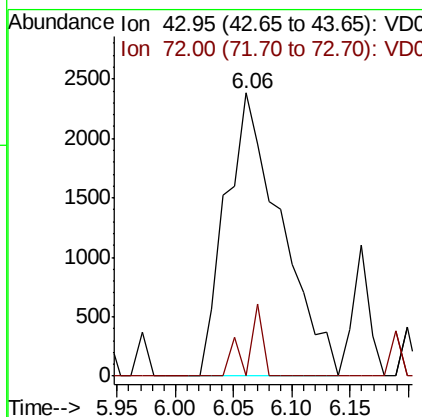
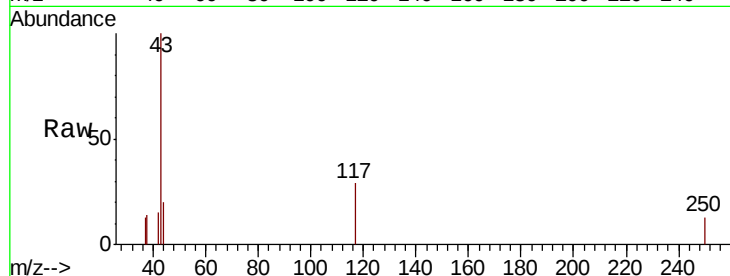




#25
 2-Butanone
 Concen: 3.162 ug/l
 RT: 6.06 min Scan# 471
 Delta R.T. -0.03 min
 Lab File: VD063630.D
 Acq: 16 Aug 2019 11:44

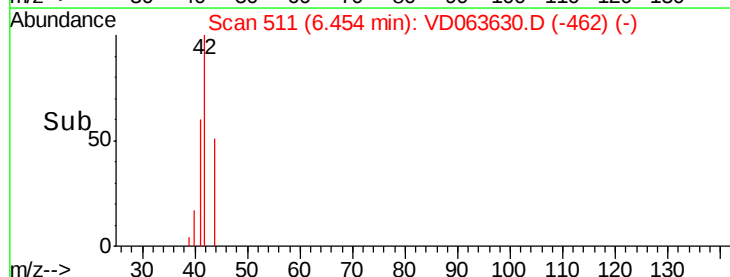
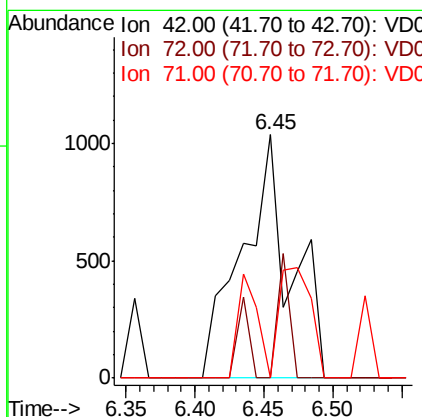
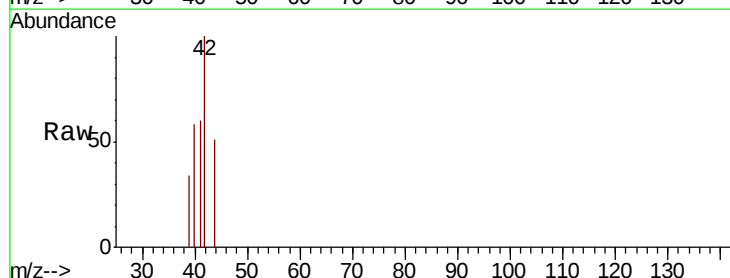
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1359

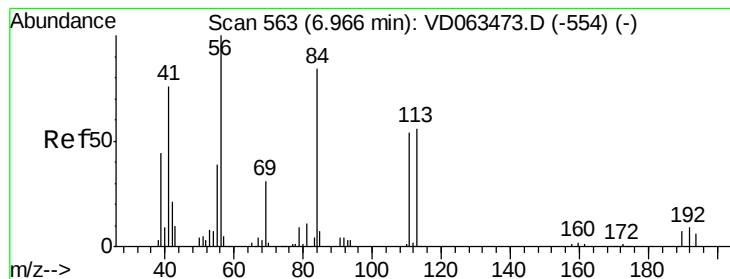
Tgt Ion: 43 Resp: 7836
 Ion Ratio Lower Upper
 43 100
 72 0.0 15.1 22.7#



#29
 Tetrahydrofuran
 Concen: 2.194 ug/l
 RT: 6.45 min Scan# 511
 Delta R.T. -0.02 min
 Lab File: VD063630.D
 Acq: 16 Aug 2019 11:44

Tgt Ion: 42 Resp: 2533
 Ion Ratio Lower Upper
 42 100
 72 12.4 31.5 47.3#
 71 29.5 33.8 50.8#





#31

Cyclohexane

Concen: 2.395 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.07 min

Lab File: VD063630.D

Acq: 16 Aug 2019 11:44

Instrument :

MSVOA_D

ClientSampleId :

TP-1359

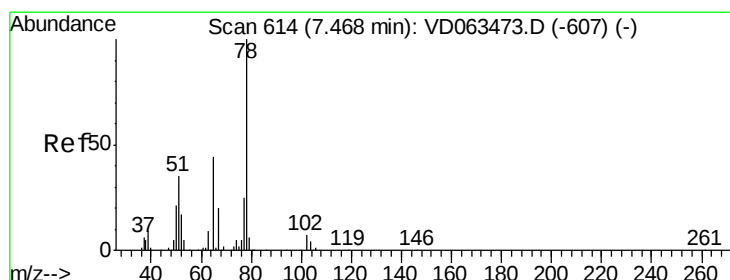
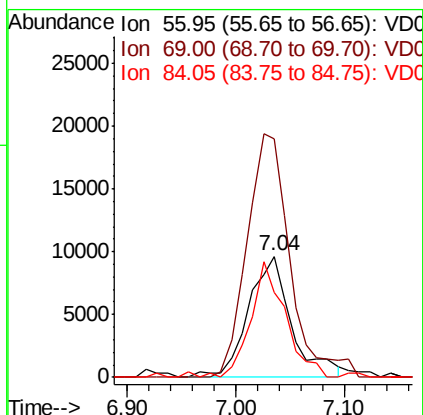
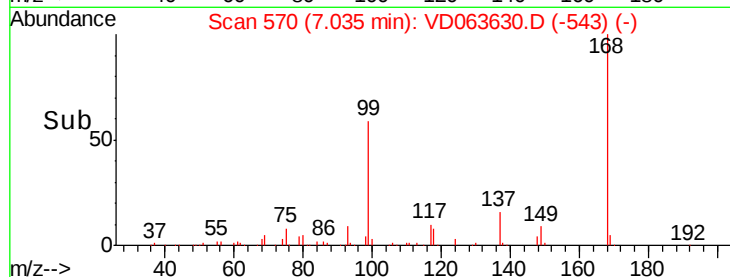
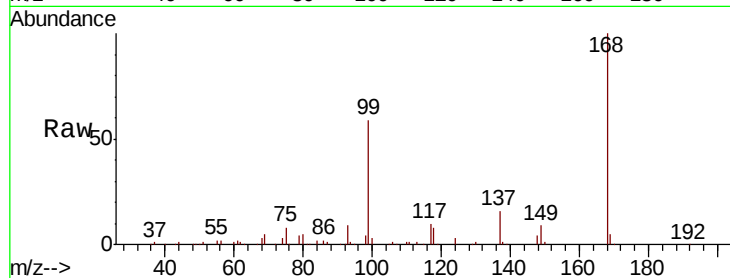
Tgt Ion: 56 Resp: 26696

Ion Ratio Lower Upper

56 100

69 197.5 25.0 37.6#

84 70.0 69.7 104.5



#33

1,2-Dichloroethane-d4

Concen: 52.811 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.03 min

Lab File: VD063630.D

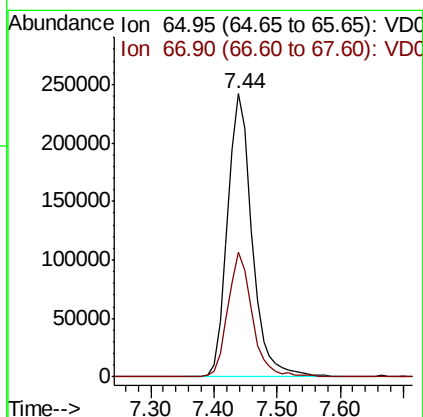
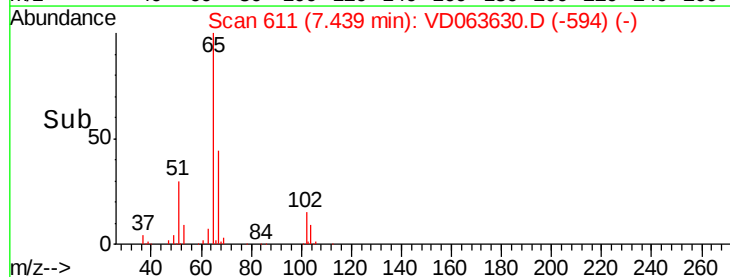
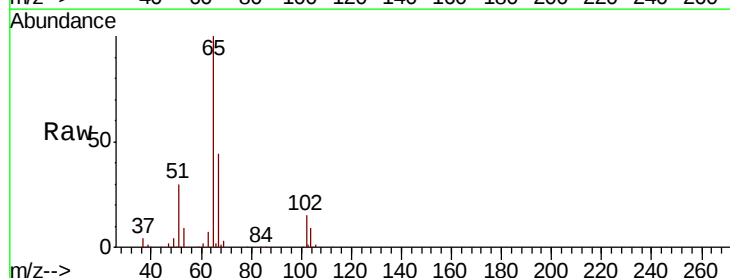
Acq: 16 Aug 2019 11:44

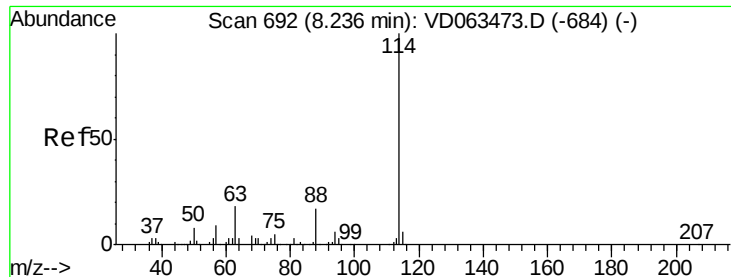
Tgt Ion: 65 Resp: 651856

Ion Ratio Lower Upper

65 100

67 44.2 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: VD063630.D

Acq: 16 Aug 2019 11:44

Instrument :

MSVOA_D

ClientSampleId :

TP-1359

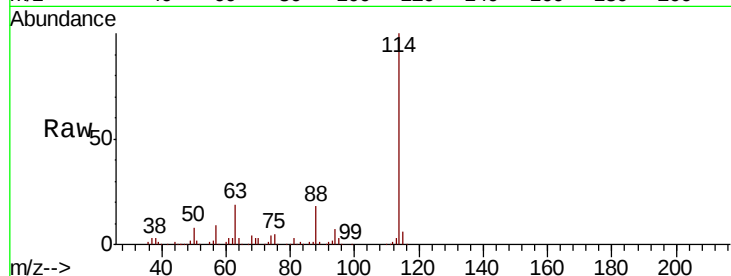
Tgt Ion:114 Resp: 1648698

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.2

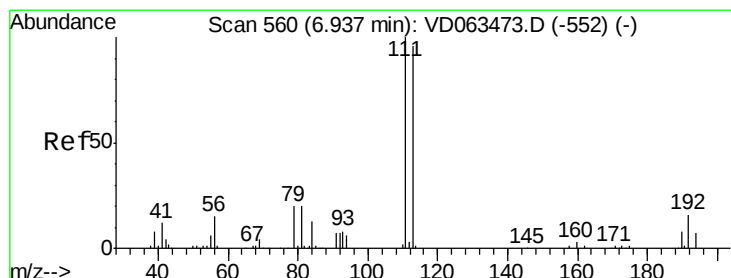
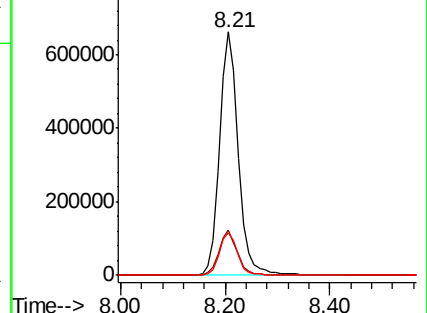
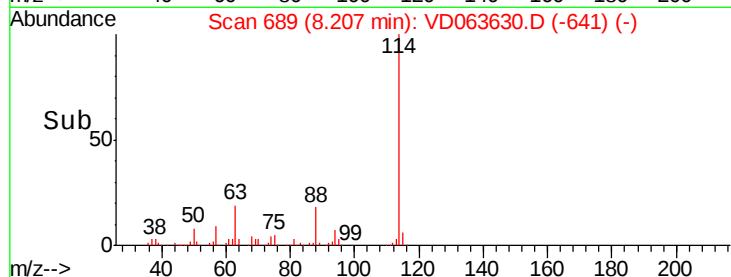
88 17.7 0.0 35.0



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: 50.551 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD063630.D

Acq: 16 Aug 2019 11:44

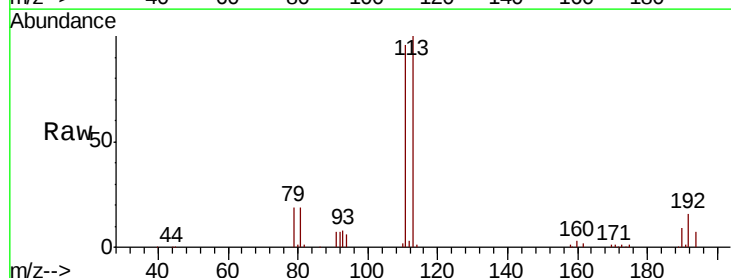
Tgt Ion:113 Resp: 701926

Ion Ratio Lower Upper

113 100

111 95.5 83.1 124.7

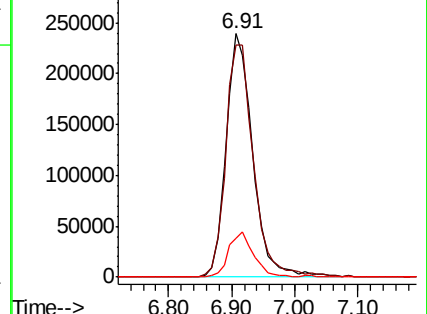
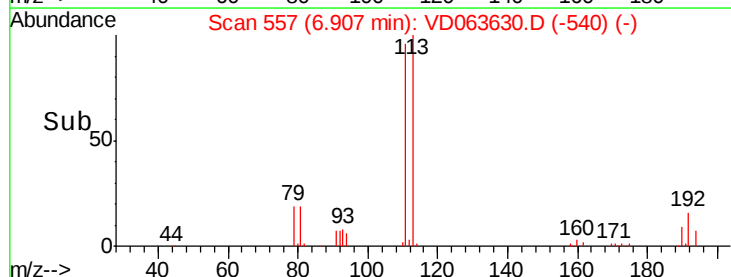
192 16.1 13.1 19.7

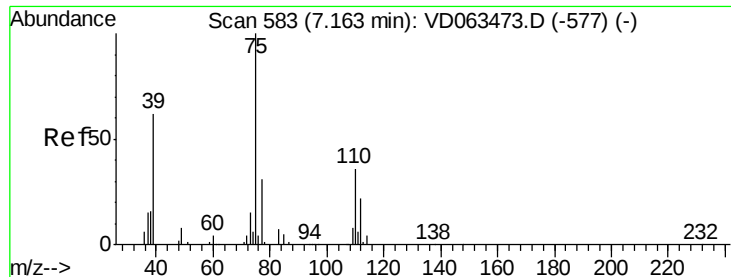


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 6.184 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.13 min

Lab File: VD063630.D

Acq: 16 Aug 2019 11:44

Instrument :

MSVOA_D

ClientSampleId :

TP-1359

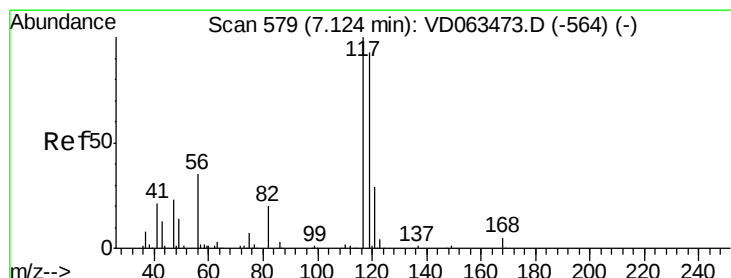
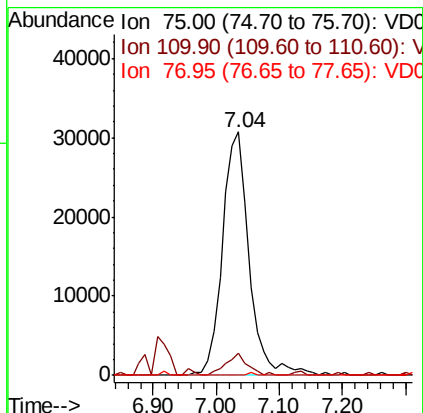
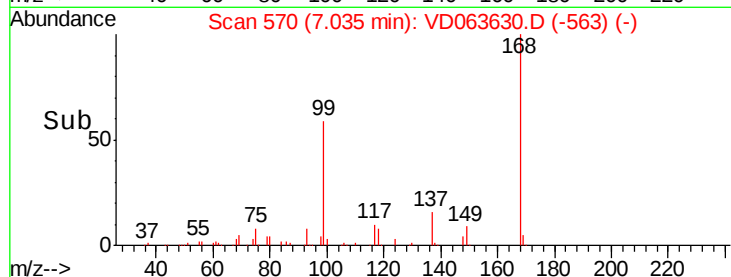
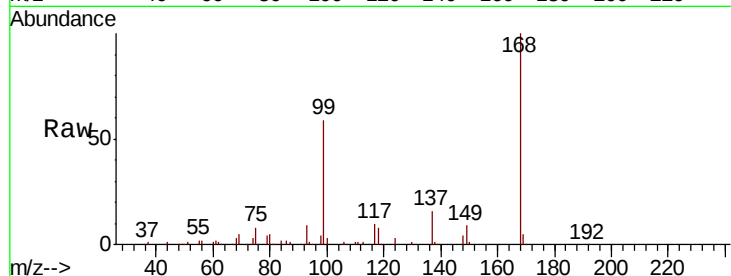
Tgt Ion: 75 Resp: 90125

Ion Ratio Lower Upper

75 100

110 9.3 17.6 52.8#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 5.062 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.10 min

Lab File: VD063630.D

Acq: 16 Aug 2019 11:44

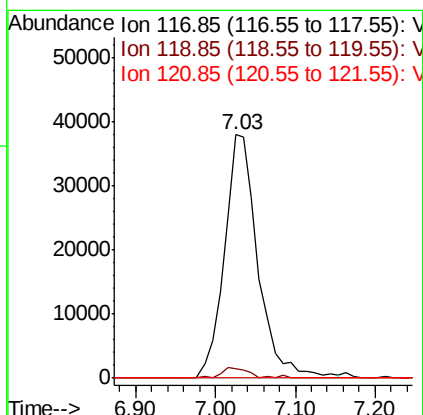
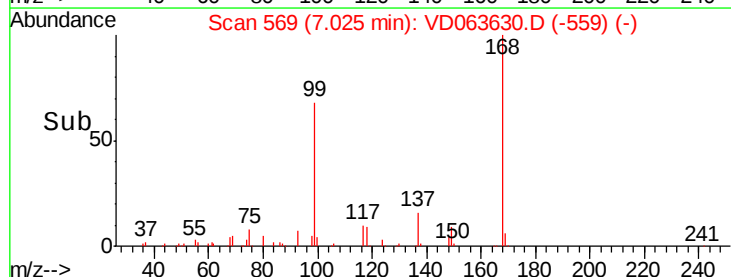
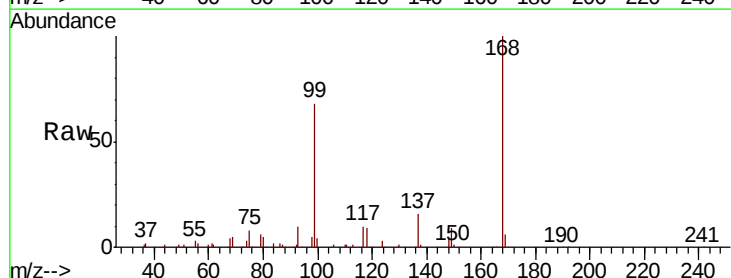
Tgt Ion: 117 Resp: 111191

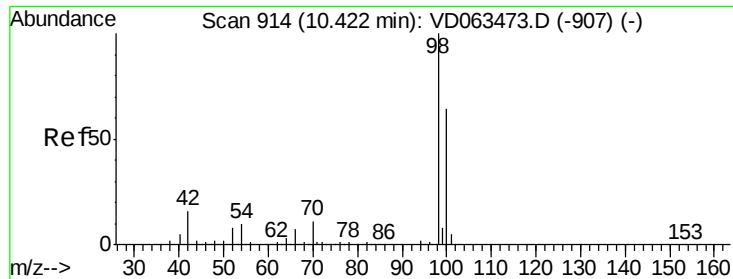
Ion Ratio Lower Upper

117 100

119 4.0 74.2 111.2#

121 0.0 23.1 34.7#

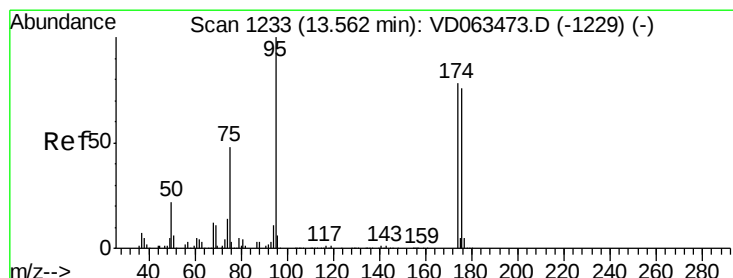
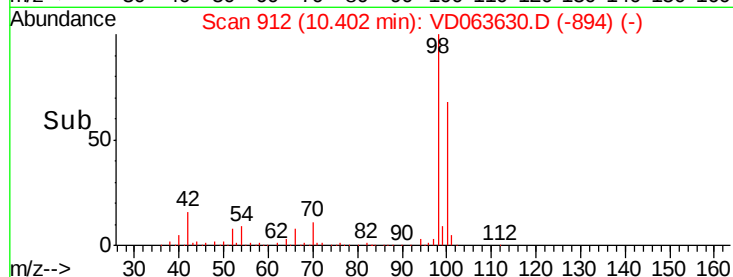
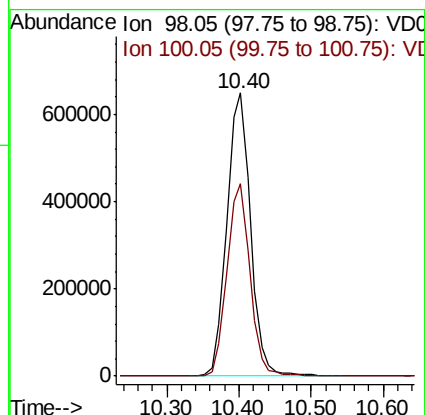
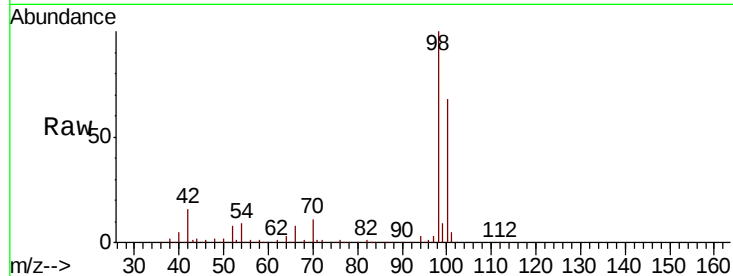




#50
Toluene-d8
Concen: 48.332 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063630.D
Acq: 16 Aug 2019 11:44

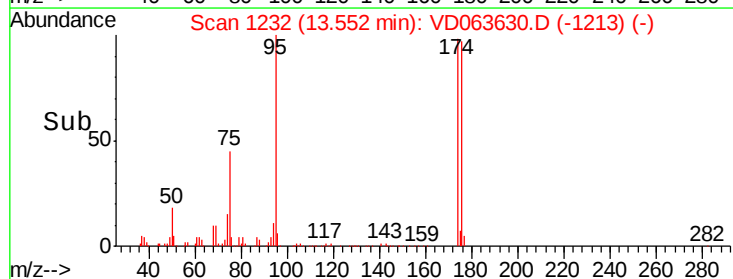
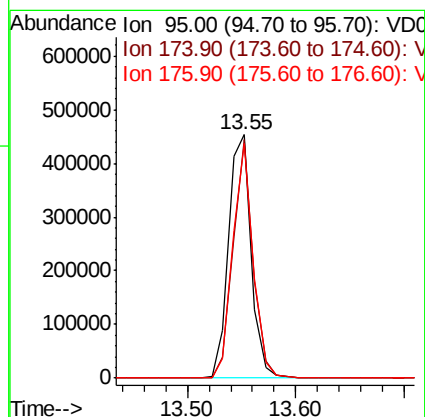
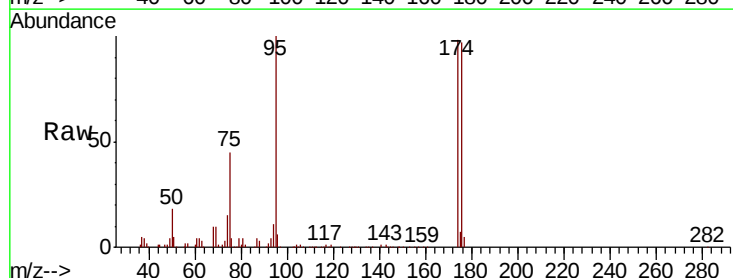
Instrument :
MSVOA_D
ClientSampleId :
TP-1359

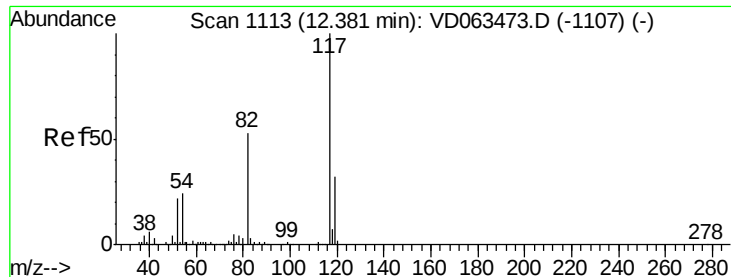
Tgt Ion: 98 Resp: 1475457
Ion Ratio Lower Upper
98 100
100 68.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 47.736 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063630.D
Acq: 16 Aug 2019 11:44

Tgt Ion: 95 Resp: 660504
Ion Ratio Lower Upper
95 100
174 97.9 0.0 155.4
176 96.5 0.0 152.4

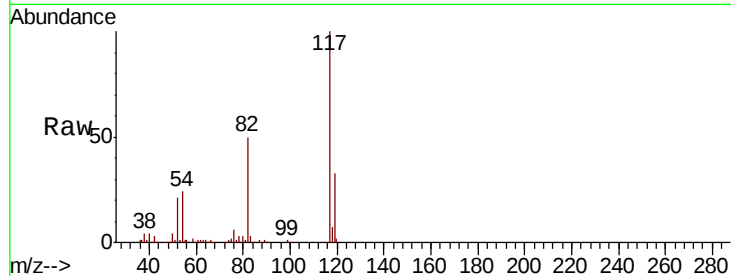




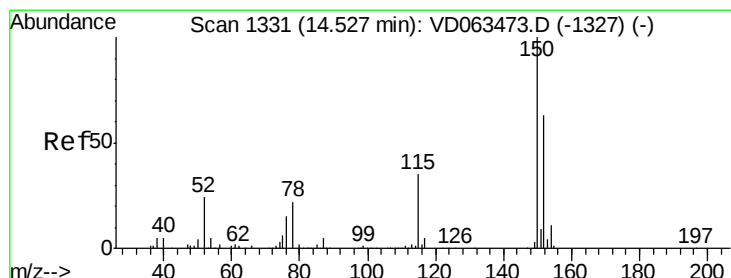
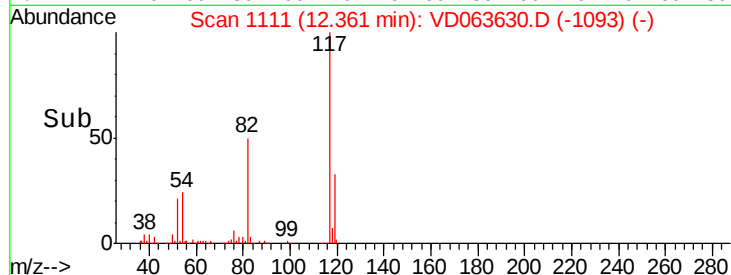
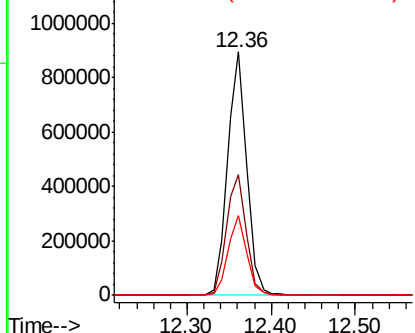
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063630.D
Acq: 16 Aug 2019 11:44

Instrument :
MSVOA_D
ClientSampleId :
TP-1359

Tgt Ion:117 Resp: 1408431
Ion Ratio Lower Upper
117 100
82 49.8 42.0 63.0
119 33.0 25.4 38.0

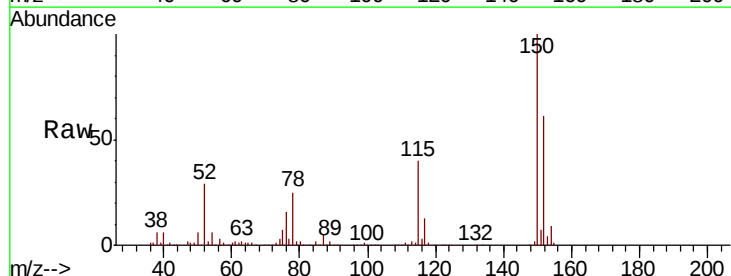


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

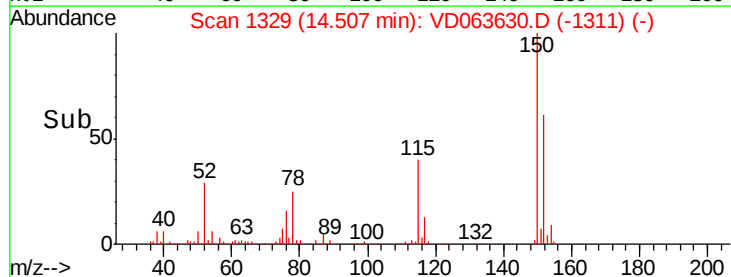
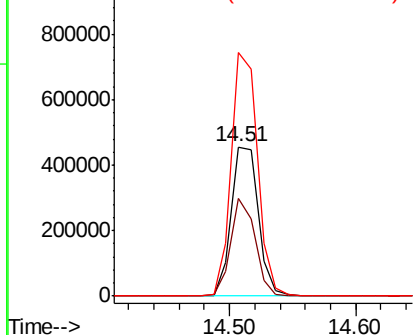


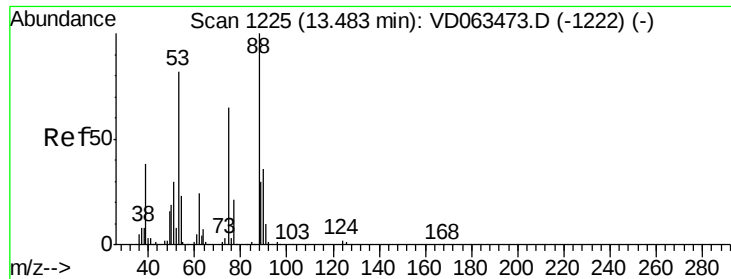
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD063630.D
Acq: 16 Aug 2019 11:44

Tgt Ion:152 Resp: 672649
Ion Ratio Lower Upper
152 100
115 65.7 30.9 92.7
150 163.3 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: 147.543 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD063630.D

Acq: 16 Aug 2019 11:44

Instrument :

MSVOA_D

ClientSampleId :

TP-1359

Tgt Ion: 75 Resp: 306132

Ion Ratio Lower Upper

75 100

53 0.0 101.0 151.4#

89 0.0 37.0 55.6#

