

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063223.D
 Acq On : 30 Jul 2019 4:00
 Operator : VA/AP
 Sample : K4049-10
 Misc : 4.54g/5ml/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-10

Quant Time: Jul 30 08:39:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	647359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	875649	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	642765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	265547	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	457914	63.75	ug/l	0.00
Spiked Amount			Recovery	=	127.50%	
35) Dibromofluoromethane	6.92	113	531346	71.07	ug/l	0.00
Spiked Amount			Recovery	=	142.14%	
50) Toluene-d8	10.40	98	1059669	63.33	ug/l	0.00
Spiked Amount			Recovery	=	126.66%	
62) 4-Bromofluorobenzene	13.55	95	387406	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	

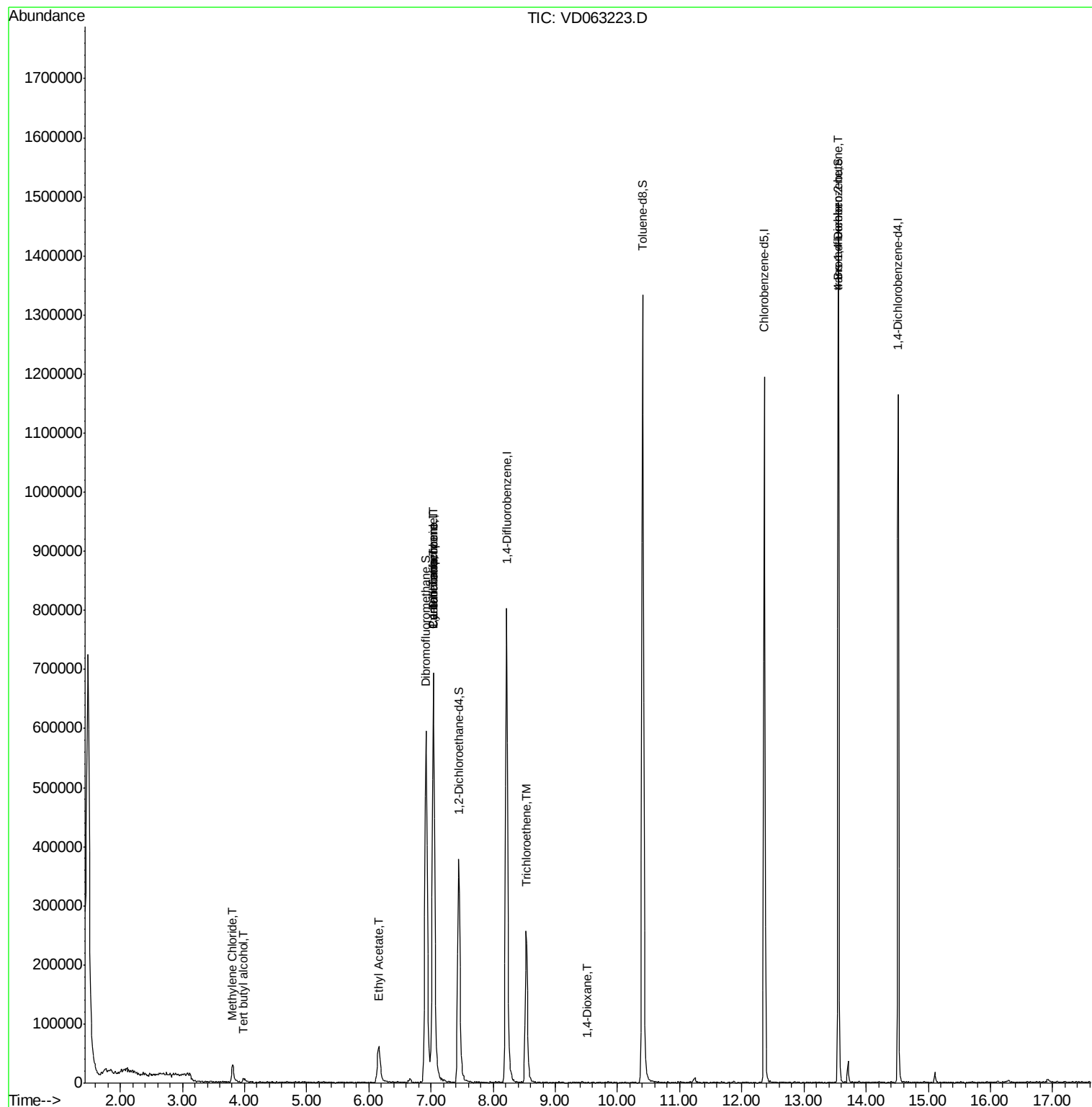
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.98	59	6419	20.363	ug/l #	69
20) Methylene Chloride	3.81	84	16349	2.890	ug/l #	92
31) Cyclohexane	7.04	56	13785	2.154	ug/l #	3
36) 1,1-Dichloropropene	7.04	75	50789	6.355	ug/l #	56
37) Ethyl Acetate	6.16	43	4664	1.299	ug/l #	39
38) Carbon Tetrachloride	7.04	117	66119	5.496	ug/l #	11
44) Trichloroethene	8.53	130	116272	17.132	ug/l	93
49) 1,4-Dioxane	9.53	88	200	3.837	ug/l #	22
81) trans-1,4-Dichloro-2-buten	13.55	75	179038	202.148	ug/l #	3

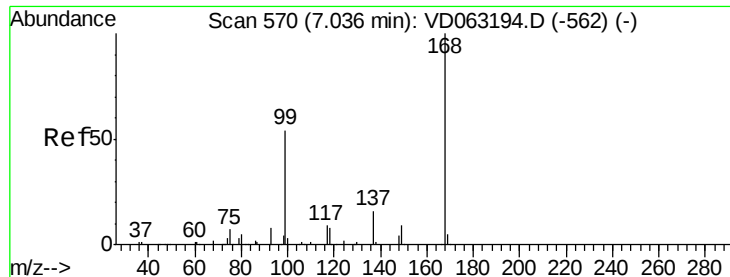
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072919\
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Quant Time: Jul 30 08:39:39 2019
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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD063223.D

Acq: 30 Jul 2019 4:00

Instrument :

MSVOA_D

ClientSampleId :

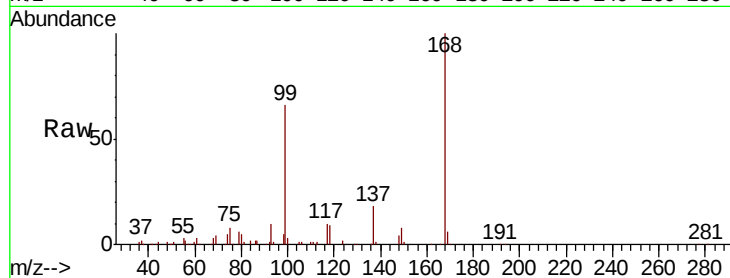
SP-10

Tot Ion:168 Resp: 647359

Ion Ratio Lower Upper

168 100

99 66.0 43.7 65.5#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

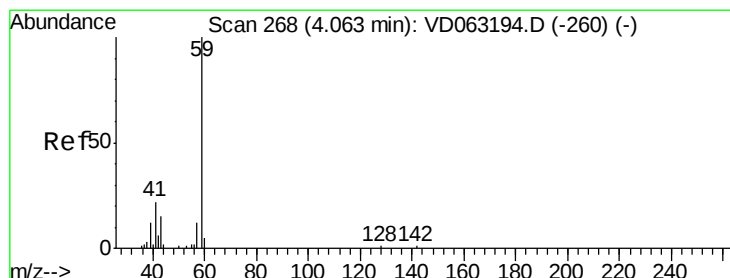
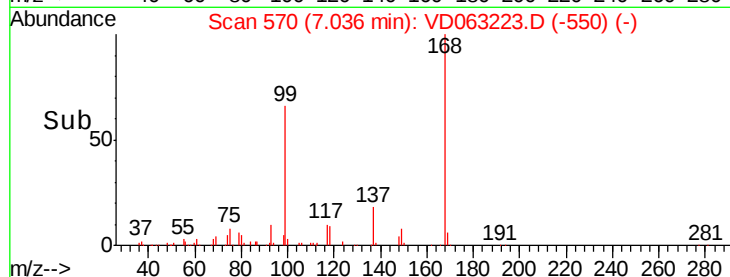
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#11

Tert butyl alcohol

Concen: 20.363 ug/l

RT: 3.98 min Scan# 260

Delta R.T. -0.08 min

Lab File: VD063223.D

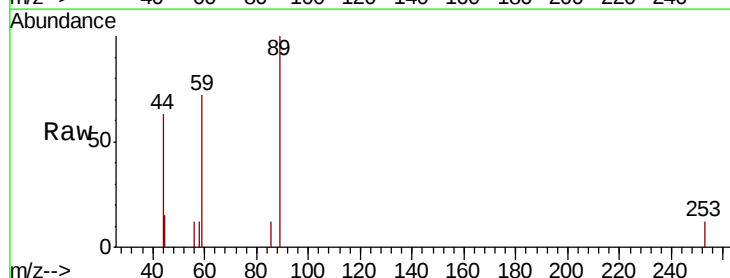
Acq: 30 Jul 2019 4:00

Tgt Ion: 59 Resp: 6419

Ion Ratio Lower Upper

59 100

57 0.0 9.6 14.4#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

3.98

2000

1500

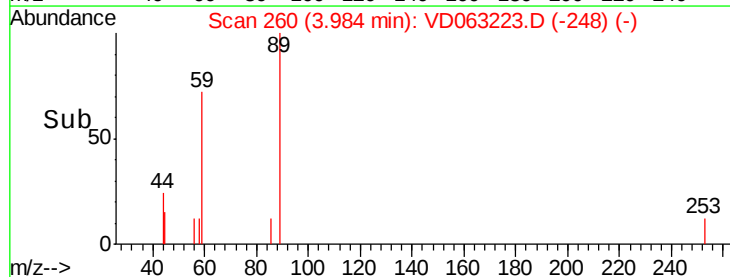
1000

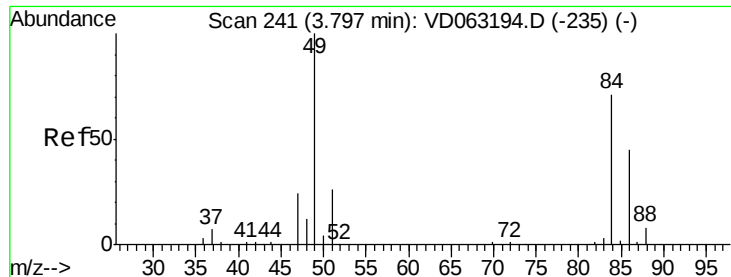
500

0

Time-->

3.90 3.95 4.00 4.05 4.10

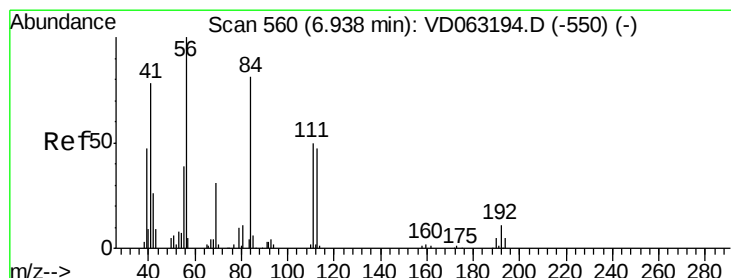
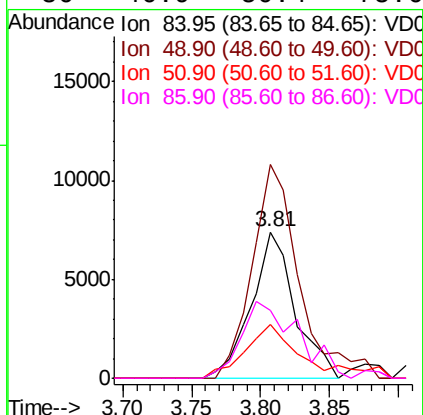
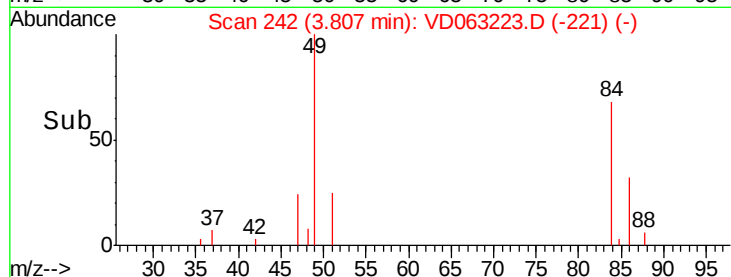
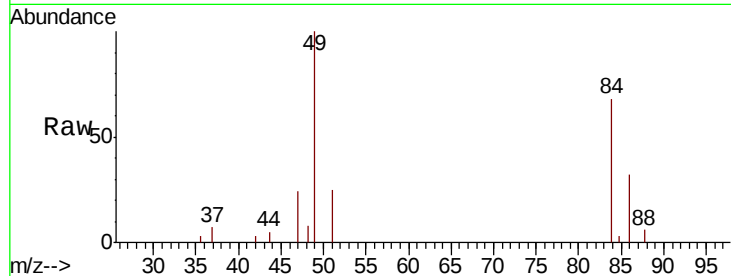




#20
Methylene Chloride
Concen: 2.890 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD063223.D
Acq: 30 Jul 2019 4:00

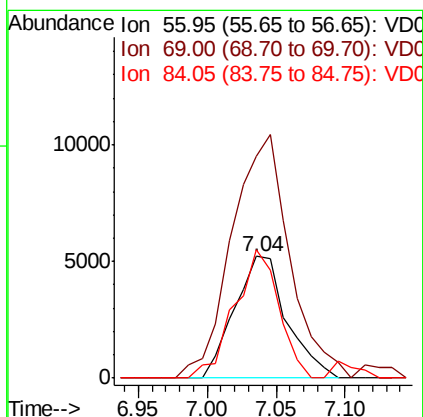
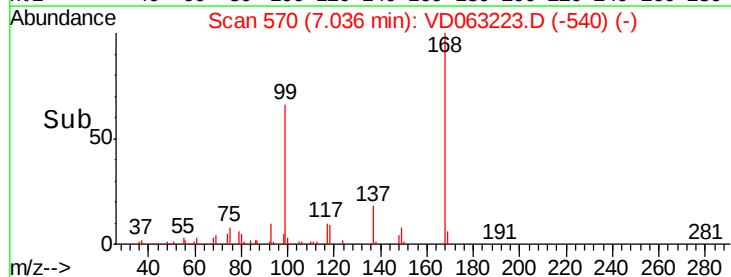
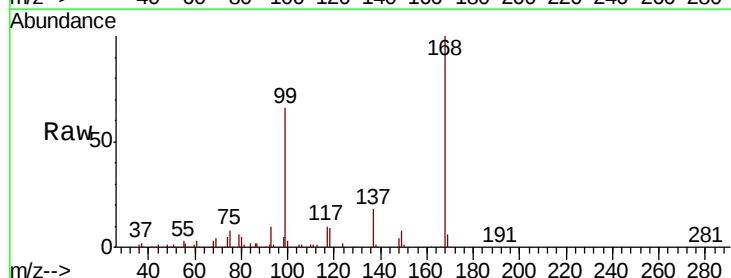
Instrument :
MSVOA_D
ClientSampleId :
SP-10

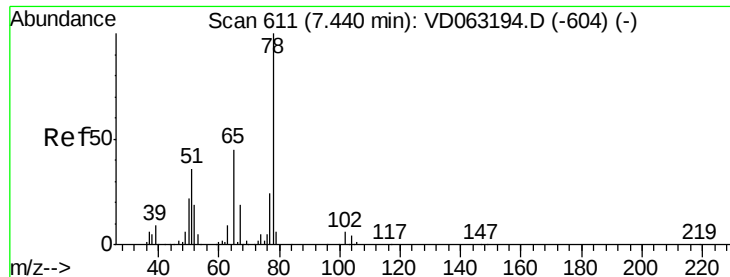
Tot Ion: 84 Resp: 16349
Ion Ratio Lower Upper
84 100
49 146.2 112.5 168.7
51 37.2 29.6 44.4
86 46.9 50.4 75.6#



#31
Cyclohexane
Concen: 2.154 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.10 min
Lab File: VD063223.D
Acq: 30 Jul 2019 4:00

Tgt Ion: 56 Resp: 13785
Ion Ratio Lower Upper
56 100
69 183.3 24.5 36.7#
84 106.0 64.9 97.3#

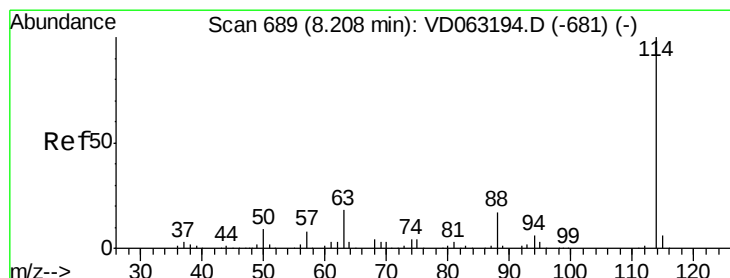
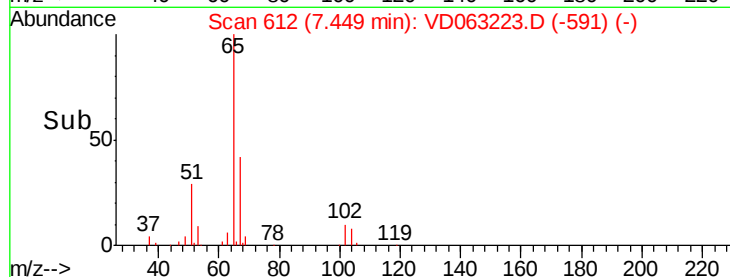
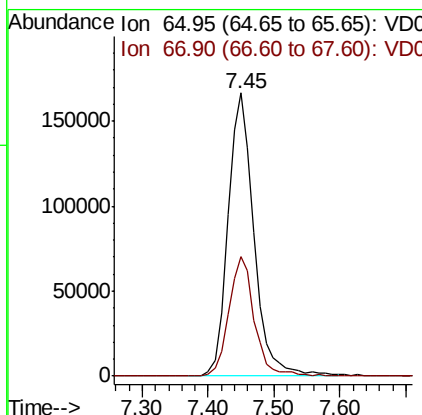
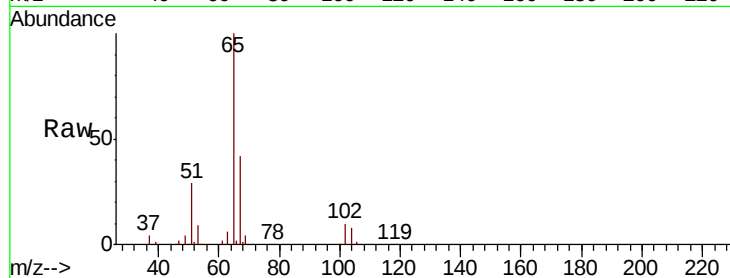




#33
 1,2-Dichloroethane-d4
 Concen: 63.749 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: VD063223.D
 Acq: 30 Jul 2019 4:00

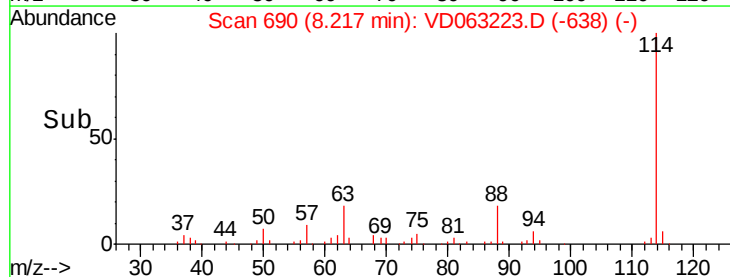
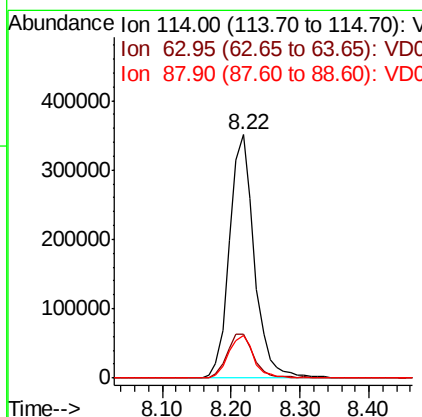
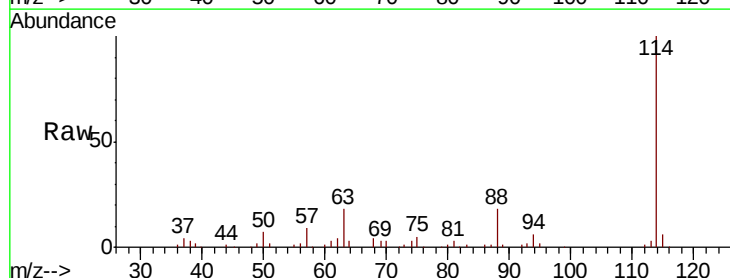
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-10

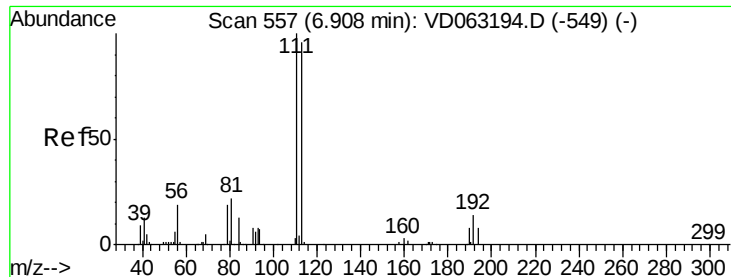
Tot Ion: 65 Resp: 457914
 Ion Ratio Lower Upper
 65 100
 67 42.3 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD063223.D
 Acq: 30 Jul 2019 4:00

Tgt Ion: 114 Resp: 875649
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 35.2
 88 17.6 0.0 34.6





#35

Dibromofluoromethane

Concen: 71.072 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063223.D

Acq: 30 Jul 2019 4:00

Instrument :

MSVOA_D

ClientSampleId :

SP-10

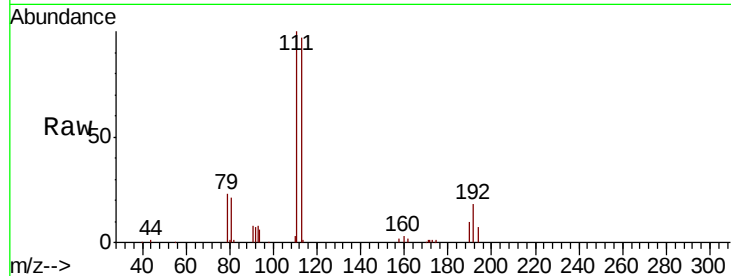
Tot Ion:113 Resp: 531346

Ion Ratio Lower Upper

113 100

111 102.6 83.2 124.8

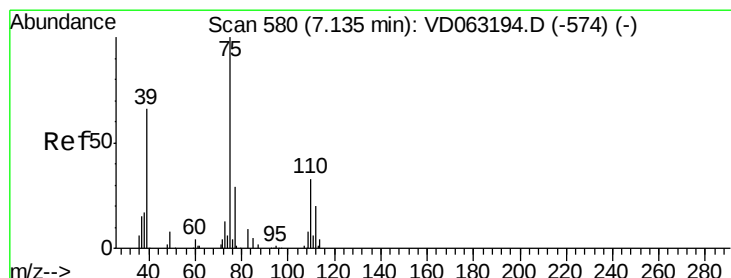
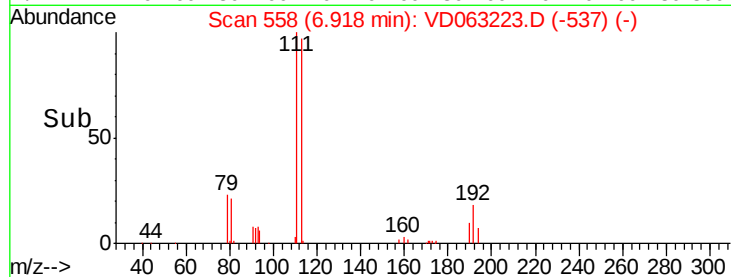
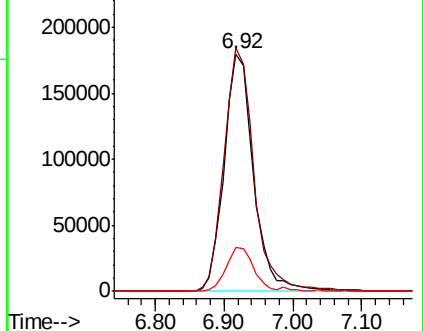
192 18.6 11.8 17.8#



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: 6.355 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.10 min

Lab File: VD063223.D

Acq: 30 Jul 2019 4:00

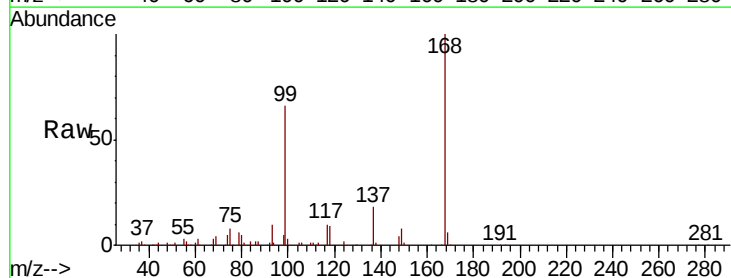
Tgt Ion: 75 Resp: 50789

Ion Ratio Lower Upper

75 100

110 12.3 16.1 48.2#

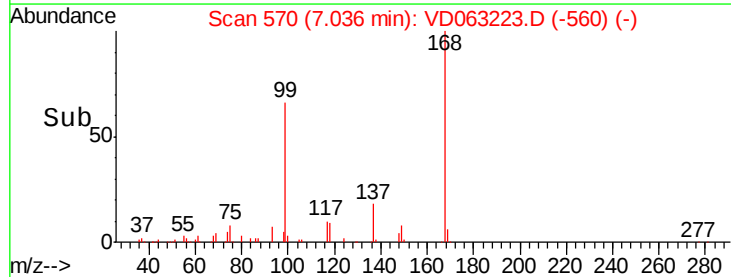
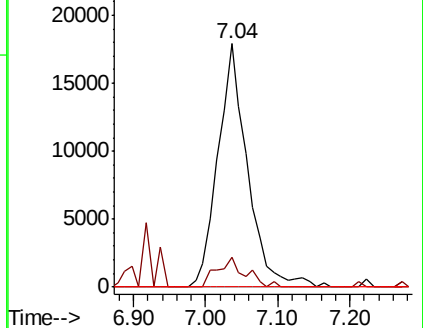
77 0.0 22.7 34.1#

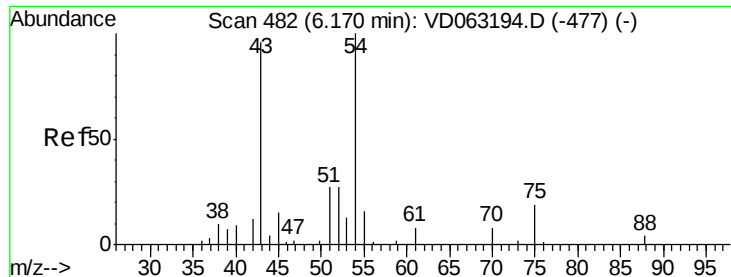


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

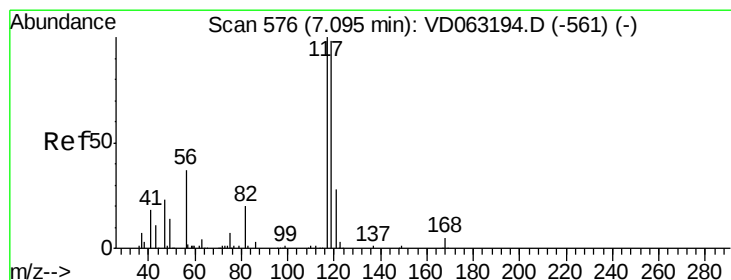
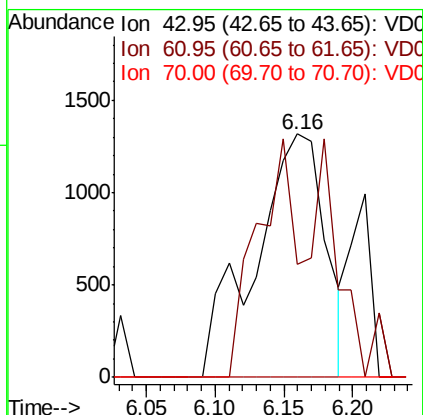
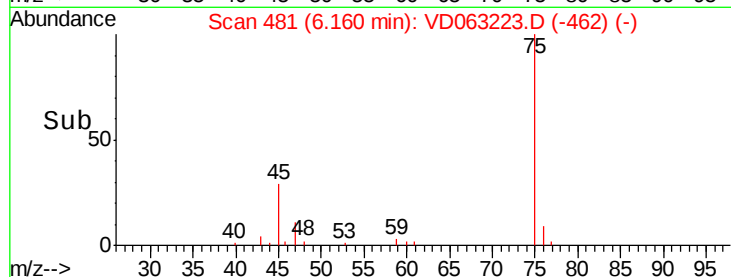
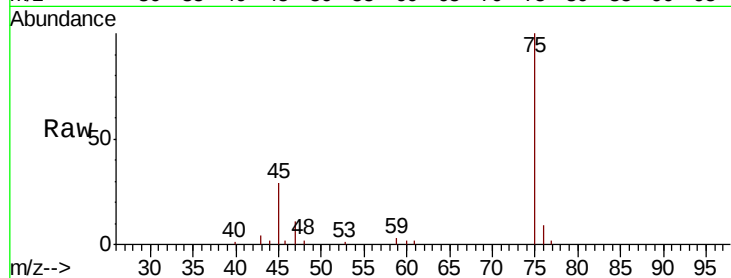




#37
Ethyl Acetate
Concen: 1.299 ug/l
RT: 6.16 min Scan# 481
Delta R.T. -0.01 min
Lab File: VD063223.D
Acq: 30 Jul 2019 4:00

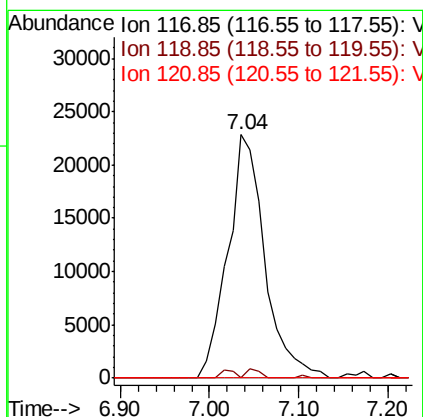
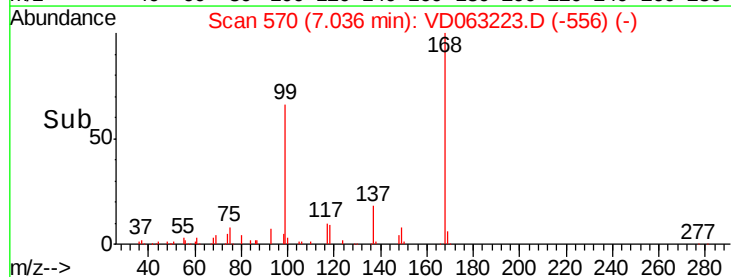
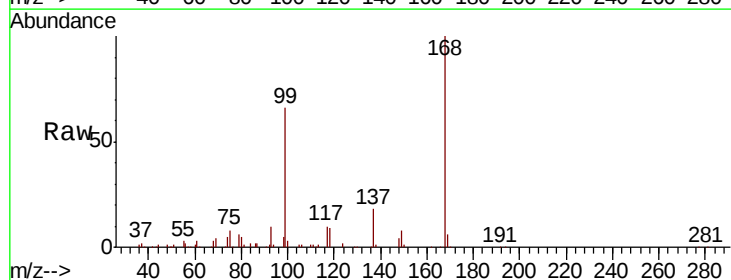
Instrument :
MSVOA_D
ClientSampleId :
SP-10

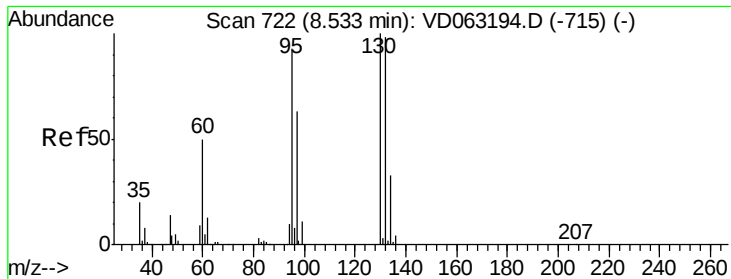
Tot Ion: 43 Resp: 4664
Ion Ratio Lower Upper
43 100
61 46.6 11.3 16.9#
70 0.0 5.1 7.7#



#38
Carbon Tetrachloride
Concen: 5.496 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.06 min
Lab File: VD063223.D
Acq: 30 Jul 2019 4:00

Tgt Ion: 117 Resp: 66119
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.2#
121 0.0 22.1 33.1#





#44

Trichloroethene

Concen: 17.132 ug/l

RT: 8.53 min Scan# 722

Delta R.T. -0.00 min

Lab File: VD063223.D

Acq: 30 Jul 2019 4:00

Instrument :

MSVOA_D

ClientSampleId :

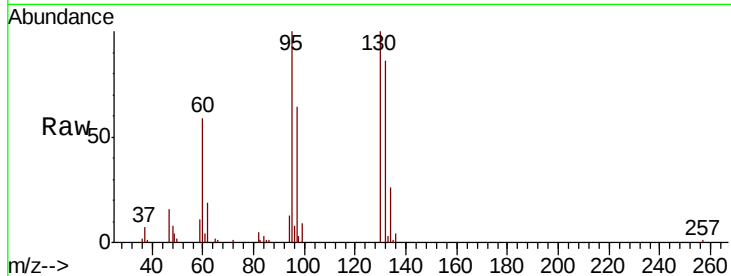
SP-10

Tot Ion:130 Resp: 116272

Ion Ratio Lower Upper

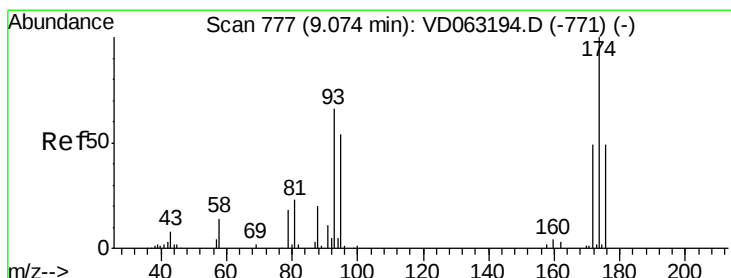
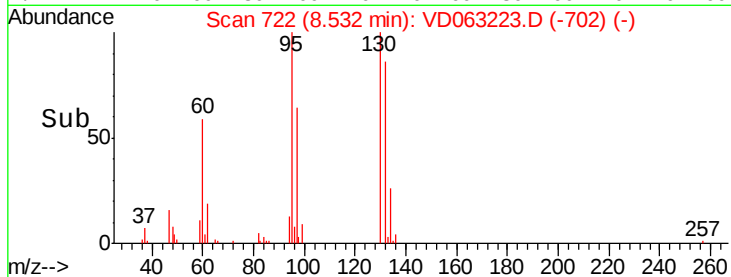
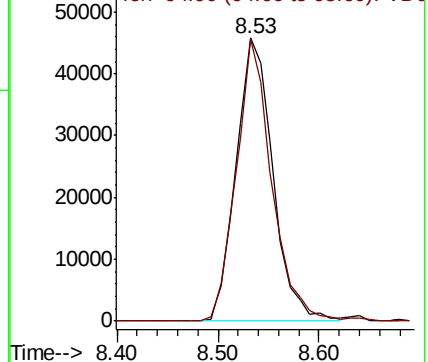
130 100

95 99.5 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#49

1,4-Dioxane

Concen: 3.837 ug/l

RT: 9.53 min Scan# 823

Delta R.T. 0.45 min

Lab File: VD063223.D

Acq: 30 Jul 2019 4:00

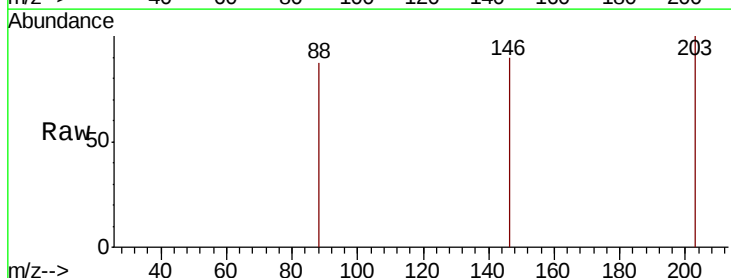
Tgt Ion: 88 Resp: 200

Ion Ratio Lower Upper

88 100

43 0.0 30.7 46.1#

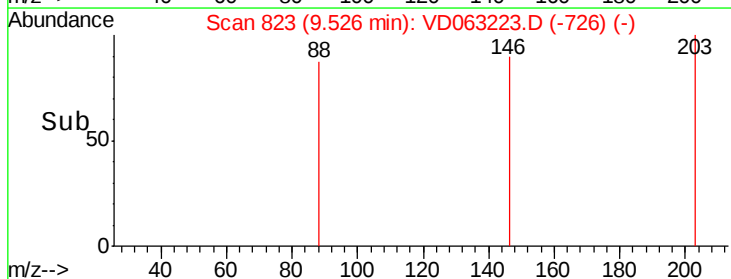
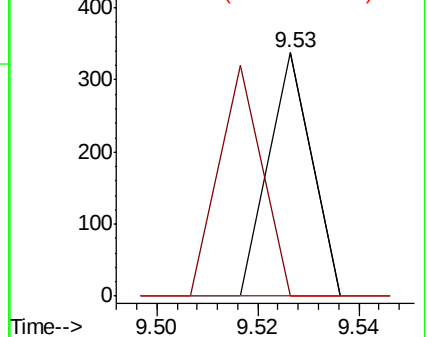
58 0.0 56.5 84.7#

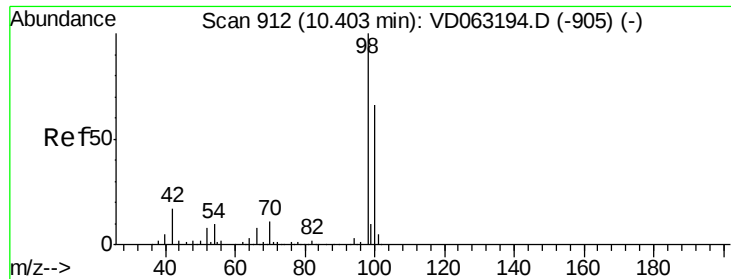


Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC





#50

Toluene-d8

Concen: 63.333 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD063223.D

Acq: 30 Jul 2019 4:00

Instrument :

MSVOA_D

ClientSampled :

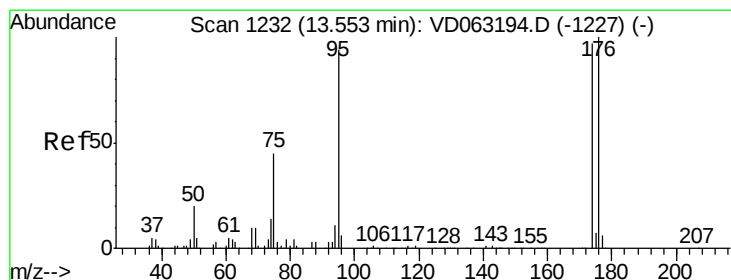
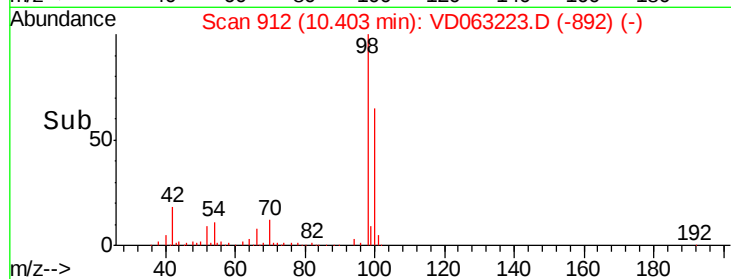
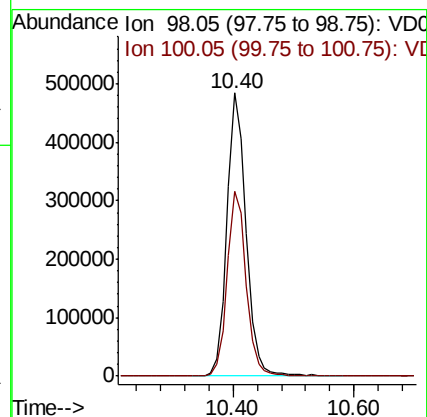
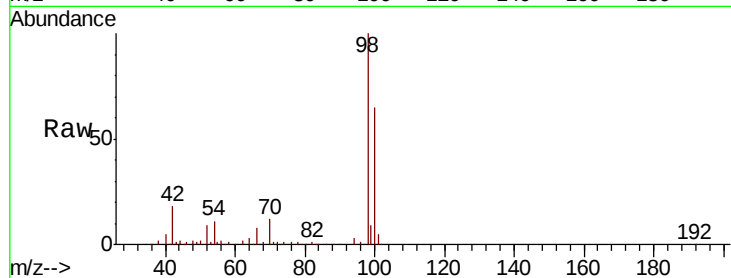
SP-10

Tot Ion: 98 Resp: 1059669

Ion Ratio Lower Upper

98 100

100 65.3 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 50.810 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063223.D

Acq: 30 Jul 2019 4:00

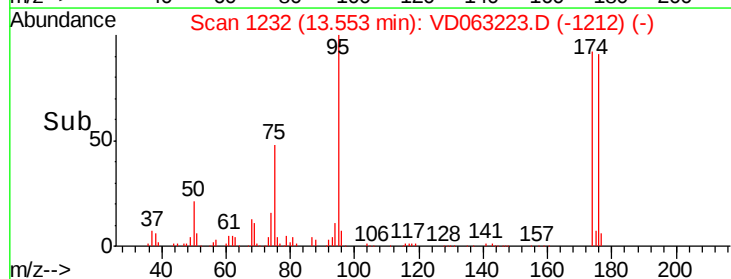
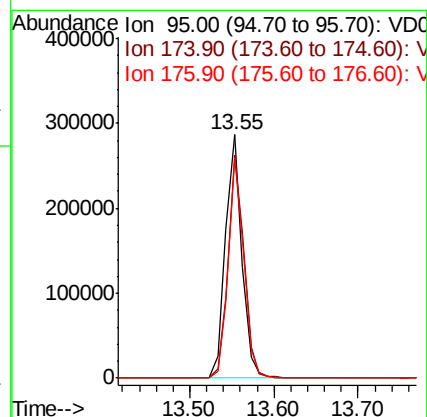
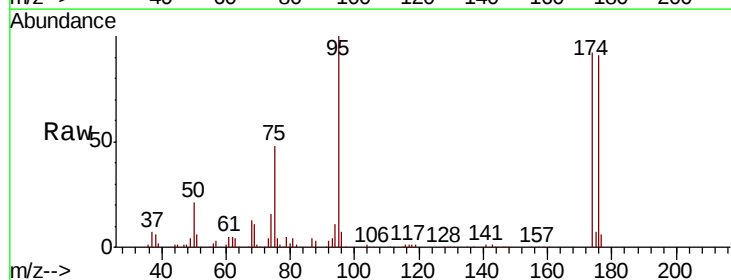
Tgt Ion: 95 Resp: 387406

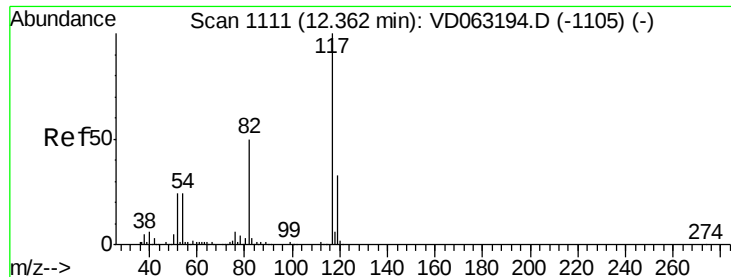
Ion Ratio Lower Upper

95 100

174 91.8 0.0 205.4

176 90.6 0.0 211.8

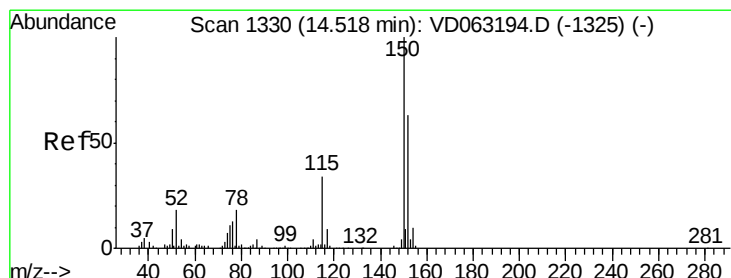
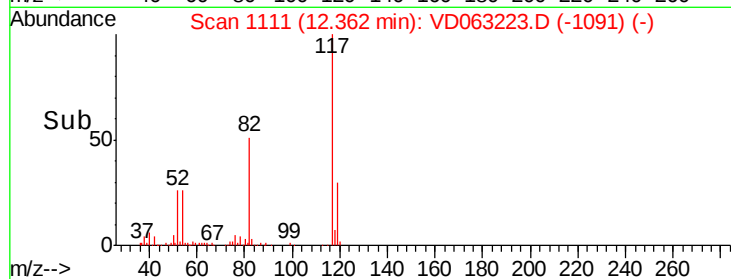
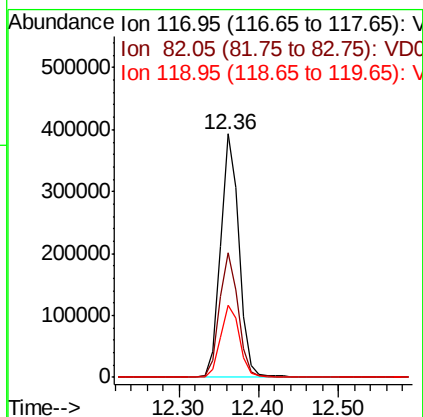
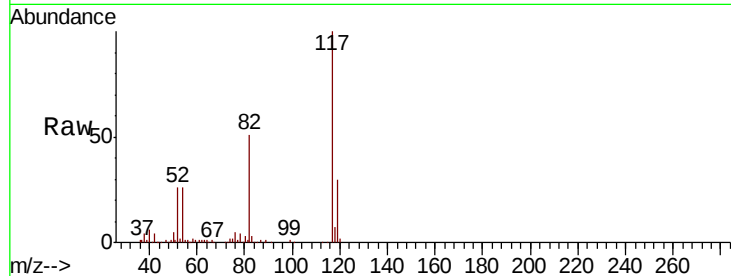




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063223.D
Acq: 30 Jul 2019 4:00

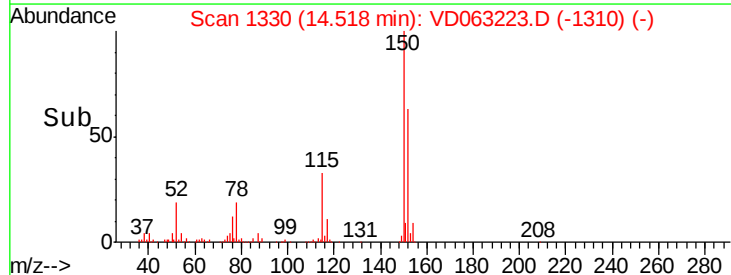
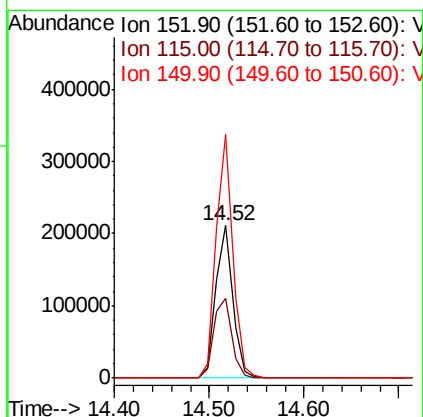
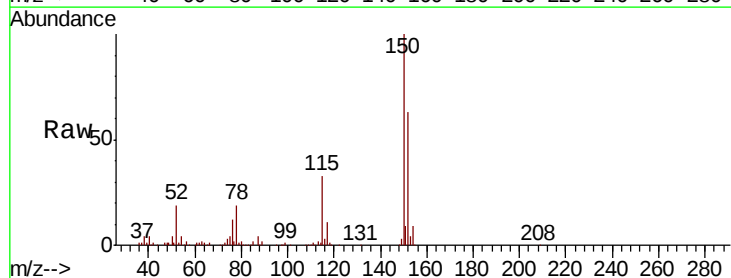
Instrument :
MSVOA_D
ClientSampleId :
SP-10

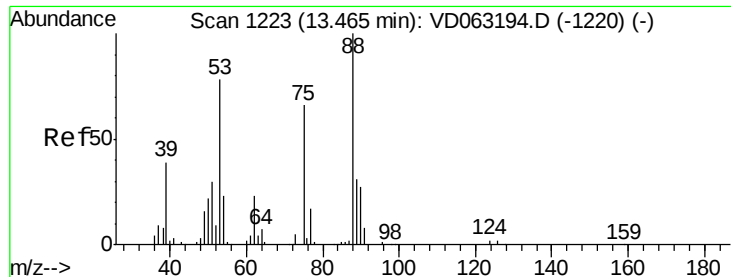
Tot Ion:117 Resp: 642765
Ion Ratio Lower Upper
117 100
82 50.9 40.1 60.1
119 29.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063223.D
Acq: 30 Jul 2019 4:00

Tgt Ion:152 Resp: 265547
Ion Ratio Lower Upper
152 100
115 52.1 27.5 82.4
150 159.7 0.0 320.6





#81

trans-1,4-Dichloro-2-butene

Concen: 202.148 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.09 min

Lab File: VD063223.D

Acq: 30 Jul 2019 4:00

Instrument :

MSVOA_D

ClientSampleId :

SP-10

Tot Ion: 75 Resp: 179038

Ion Ratio Lower Upper

75 100

53 0.0 94.9 142.3#

89 0.0 37.4 56.0#

