

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080119\
 Data File : VD063298.D
 Acq On : 1 Aug 2019 17:51
 Operator : VA/AP
 Sample : K4120-08
 Misc : 4.75u/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T3-2

Quant Time: Aug 02 08:19:33 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	7.03	168	704385	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	1122501	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	688965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	177951	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	383966	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
35) Dibromofluoromethane	6.91	113	428749	44.74	ug/l	0.00
Spiked Amount			Recovery	=	89.48%	
50) Toluene-d8	10.40	98	725988	33.85	ug/l	0.00
Spiked Amount			Recovery	=	67.70%	
62) 4-Bromofluorobenzene	13.55	95	180107	18.43	ug/l	0.00
Spiked Amount			Recovery	=	36.86%	

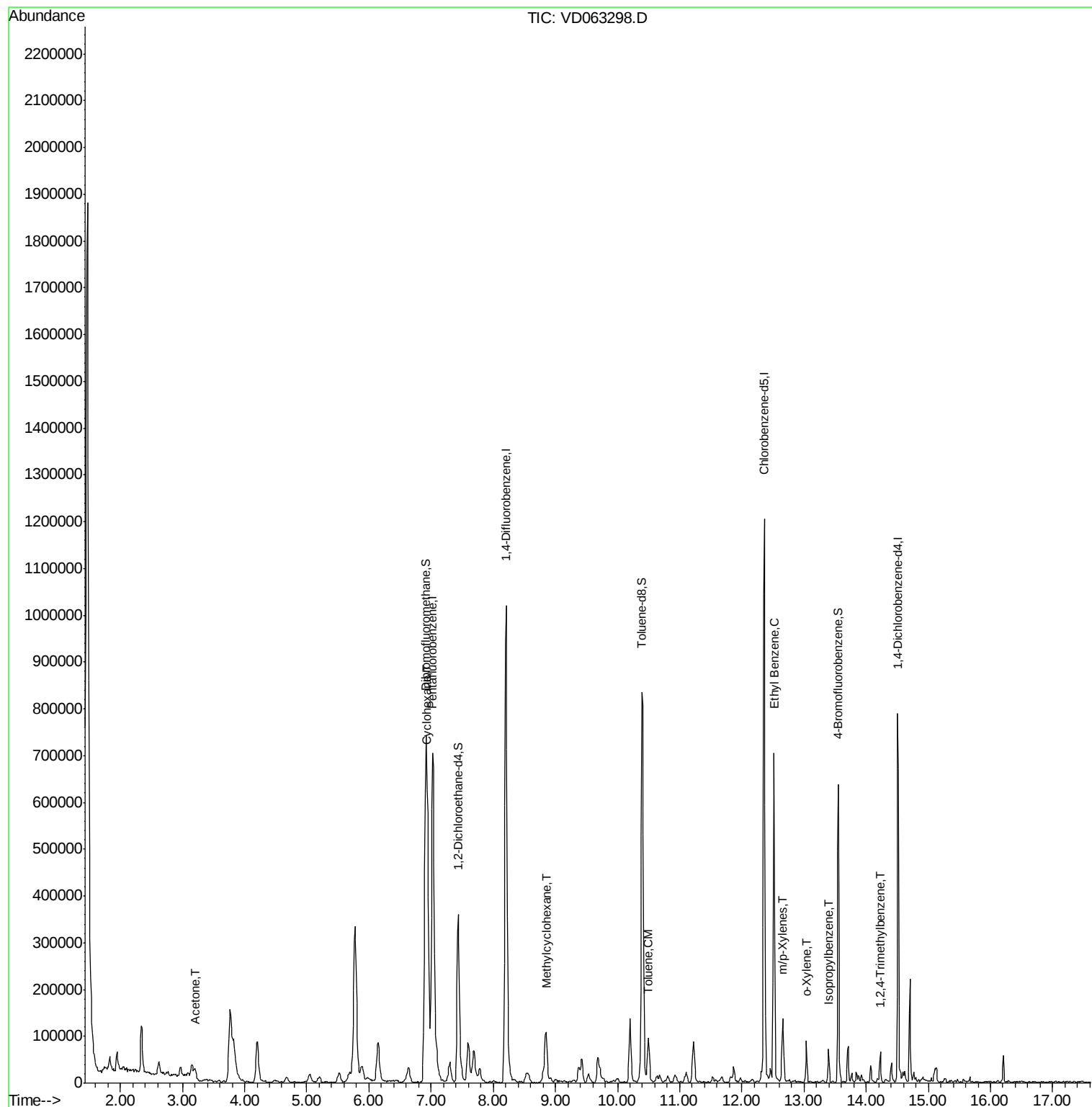
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.21	43	67311	44.201	ug/l	99
31) Cyclohexane	6.95	56	337347	48.455	ug/l	93
39) Methylcyclohexane	8.86	83	53704	6.292	ug/l	92
52) Toluene	10.49	92	47441	3.322	ug/l	96
67) Ethyl Benzene	12.52	91	493357	21.915	ug/l	99
68) m/p-Xylenes	12.67	106	40968	4.962	ug/l	82
69) o-Xylene	13.04	106	15476	2.041	ug/l	98
73) Isopropylbenzene	13.39	105	40381	3.616	ug/l	96
84) 1,2,4-Trimethylbenzene	14.23	105	22440	2.252	ug/l	91

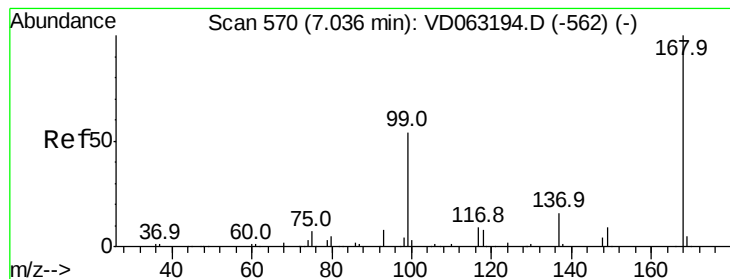
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080119\
Data File : VD063298.D
Acq On : 1 Aug 2019 17:51
Operator : VA/AP
Sample : K4120-08
Misc : 4.75g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
T3-2

Quant Time: Aug 02 08:19:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
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: 7.03 min Scan# 569

Delta R.T. -0.01 min

Lab File: VD063298.D

Acq: 1 Aug 2019 17:51

Instrument :

MSVOA_D

ClientSampleId :

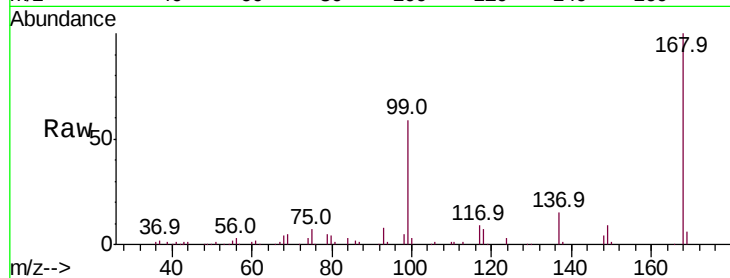
T3-2

Tot Ion:168 Resp: 704385

Ion Ratio Lower Upper

168 100

99 59.3 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

250000

200000

150000

100000

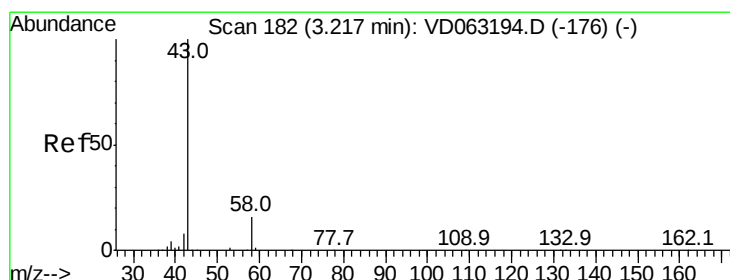
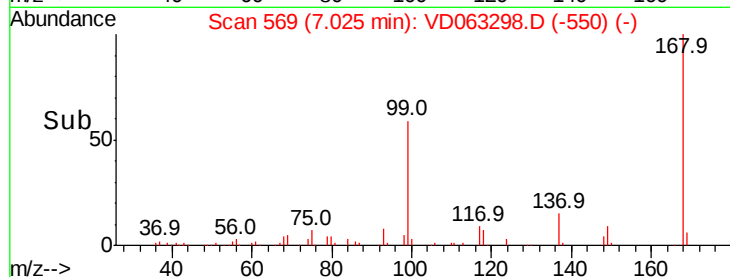
50000

0

7.03

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 44.201 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD063298.D

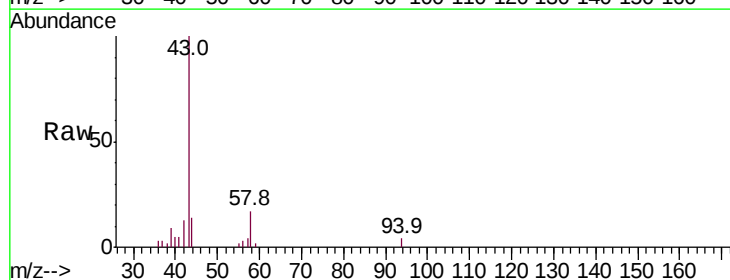
Acq: 1 Aug 2019 17:51

Tgt Ion: 43 Resp: 67311

Ion Ratio Lower Upper

43 100

58 16.8 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

20000

15000

10000

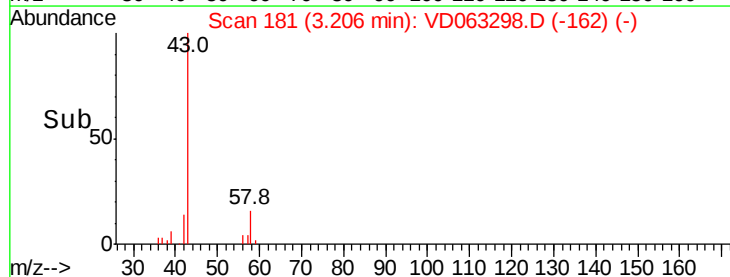
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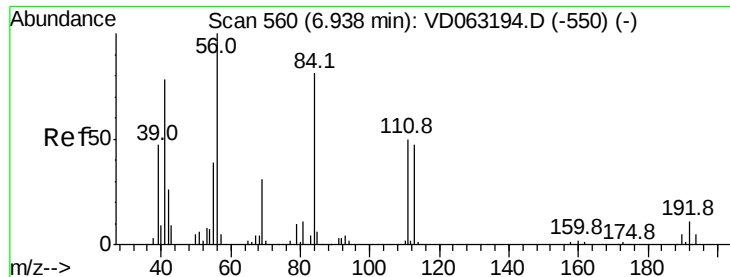
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3.21

3.00 3.10 3.20 3.30

Time-->

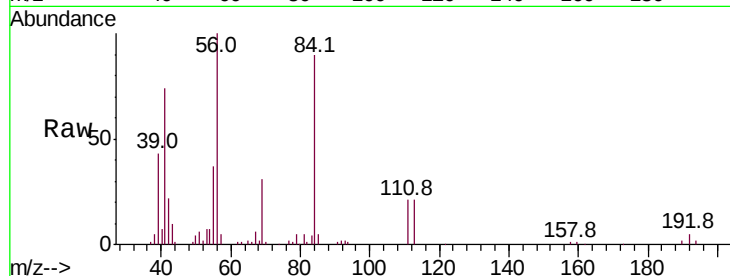




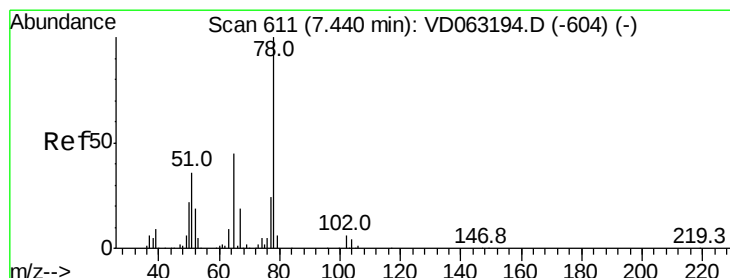
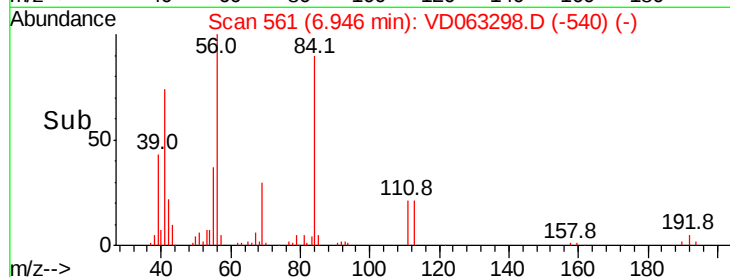
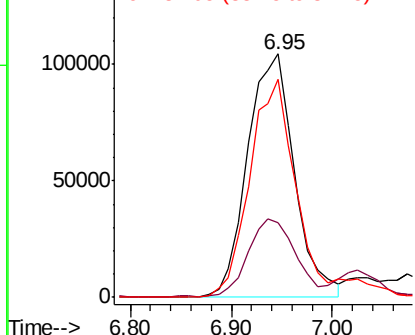
#31
Cyclohexane
Concen: 48.455 ug/l
RT: 6.95 min Scan# 561
Delta R.T. 0.01 min
Lab File: VD063298.D
Acq: 1 Aug 2019 17:51

Instrument :
MSVOA_D
ClientSampleId :
T3-2

Tot Ion: 56 Resp: 337347
Ion Ratio Lower Upper
56 100
69 30.7 24.5 36.7
84 89.8 64.9 97.3

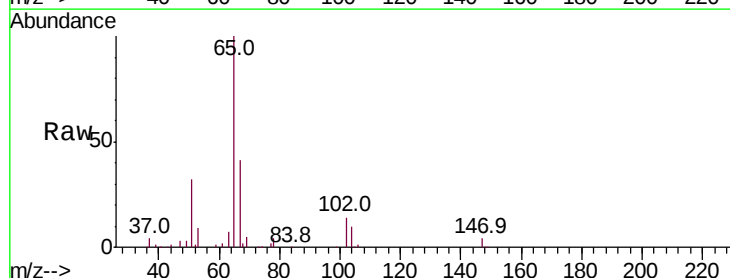


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

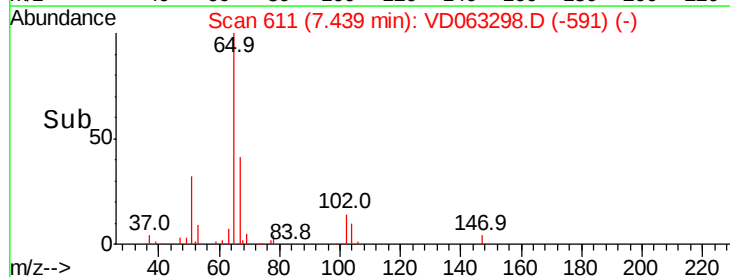
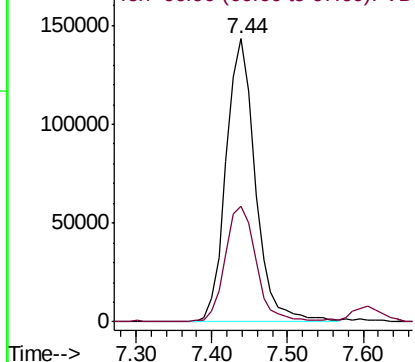


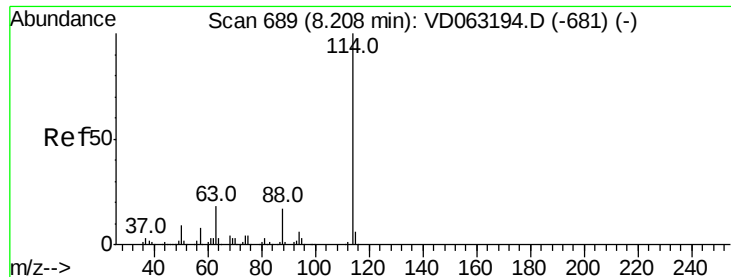
#33
1,2-Dichloroethane-d4
Concen: 49.127 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.00 min
Lab File: VD063298.D
Acq: 1 Aug 2019 17:51

Tgt Ion: 65 Resp: 383966
Ion Ratio Lower Upper
65 100
67 41.0 0.0 85.8



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: 8.21 min Scan# 689

Delta R.T. -0.00 min

Lab File: VD063298.D

Acq: 1 Aug 2019 17:51

Instrument :

MSVOA_D

ClientSampleId :

T3-2

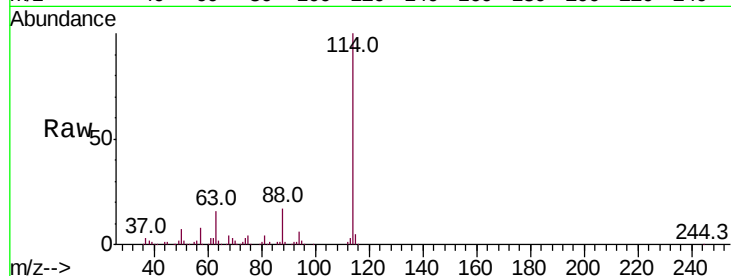
Tot Ion:114 Resp: 1122501

Ion Ratio Lower Upper

114 100

63 16.2 0.0 35.2

88 17.0 0.0 34.6



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

600000

500000

400000

300000

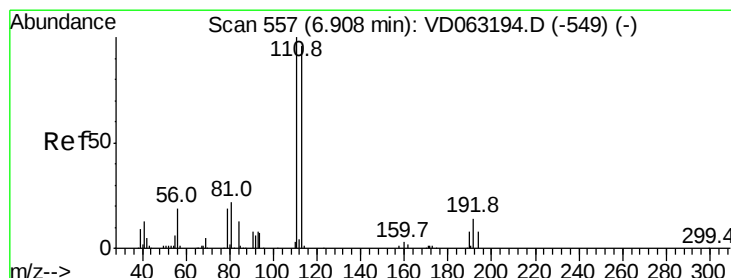
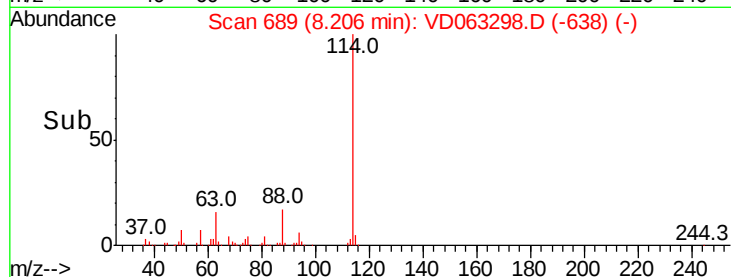
200000

100000

0

8.10 8.20 8.30 8.40

Time-->



#35

Dibromofluoromethane

Concen: 44.737 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.00 min

Lab File: VD063298.D

Acq: 1 Aug 2019 17:51

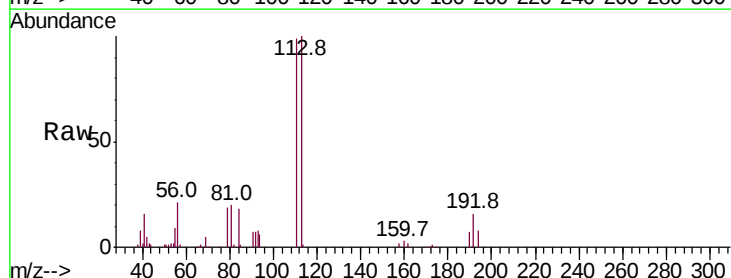
Tgt Ion:113 Resp: 428749

Ion Ratio Lower Upper

113 100

111 98.6 83.2 124.8

192 16.2 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

200000

150000

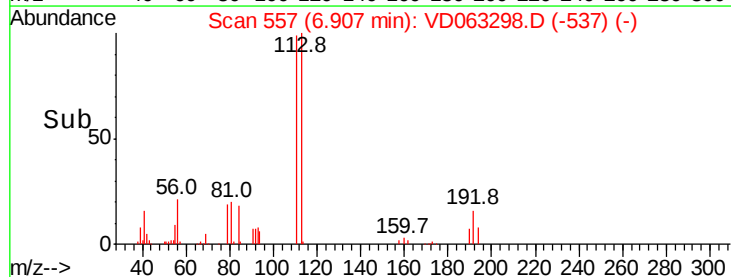
100000

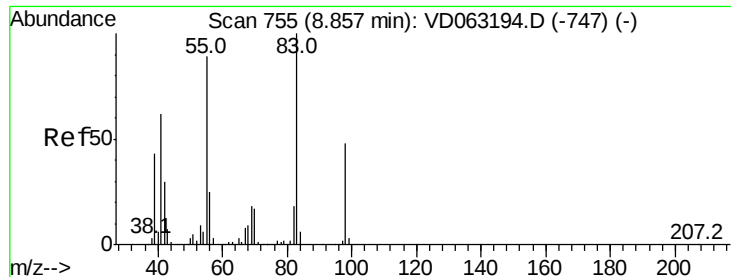
50000

0

6.80 6.90 7.00 7.10

Time-->

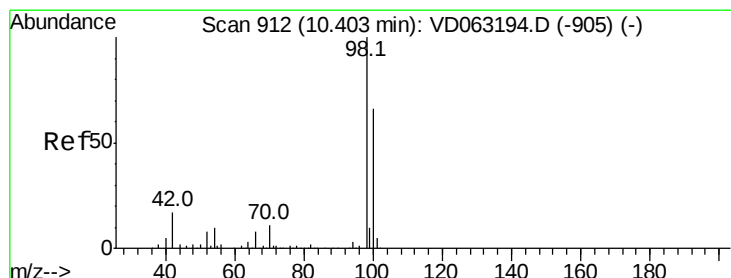
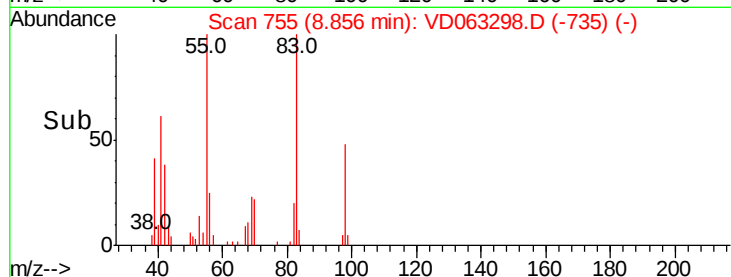
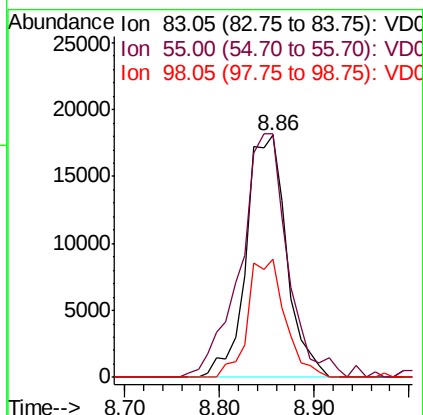
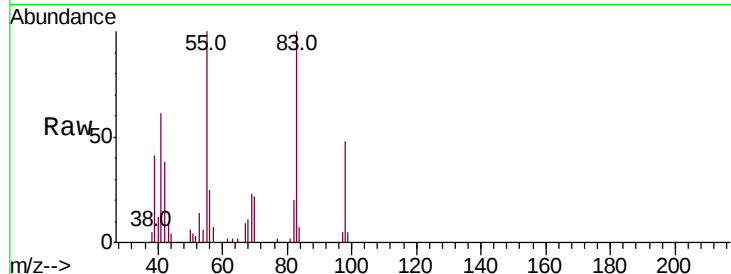




#39
Methvlcvclohexane
Concen: 6.292 ug/l
RT: 8.86 min Scan# 755
Delta R.T. -0.00 min
Lab File: VD063298.D
Acq: 1 Aug 2019 17:51

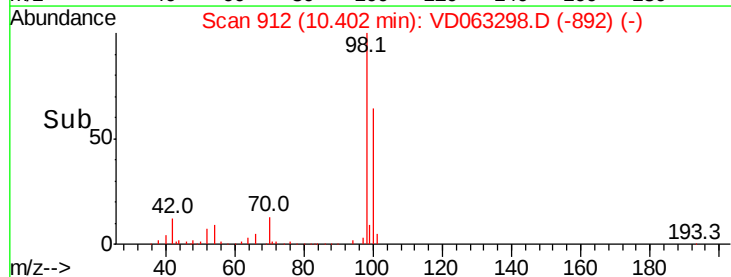
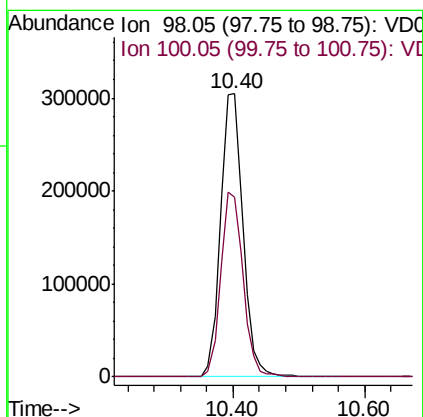
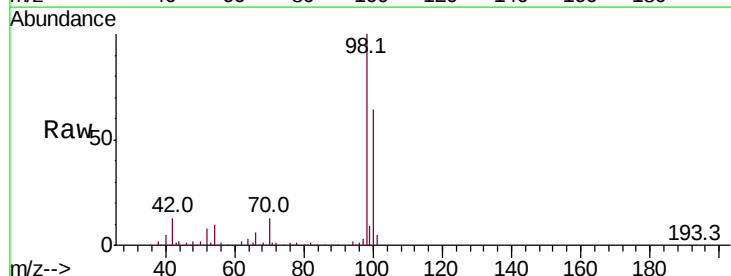
Instrument :
MSVOA_D
ClientSampleId :
T3-2

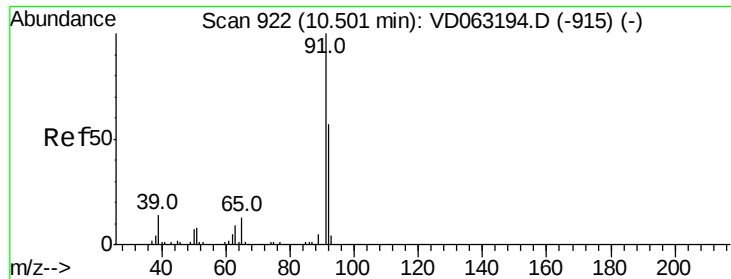
Tot Ion: 83 Resp: 53704
Ion Ratio Lower Upper
83 100
55 100.4 71.1 106.7
98 48.6 38.5 57.7



#50
Toluene-d8
Concen: 33.848 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD063298.D
Acq: 1 Aug 2019 17:51

Tgt Ion: 98 Resp: 725988
Ion Ratio Lower Upper
98 100
100 63.6 53.2 79.8





#52

Toluene

Concen: 3.322 ug/l

RT: 10.49 min Scan# 921

Delta R.T. -0.01 min

Lab File: VD063298.D

Acq: 1 Aug 2019 17:51

Instrument :

MSVOA_D

ClientSampleId :

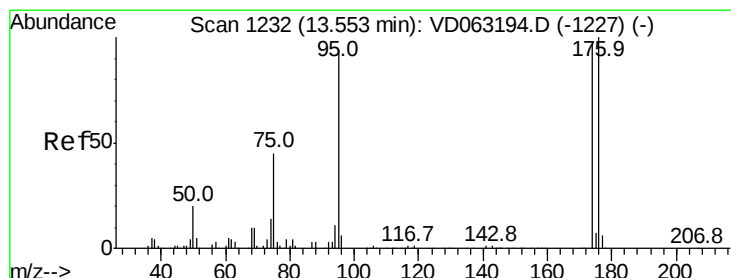
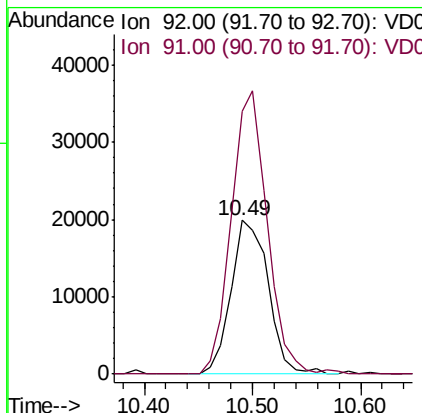
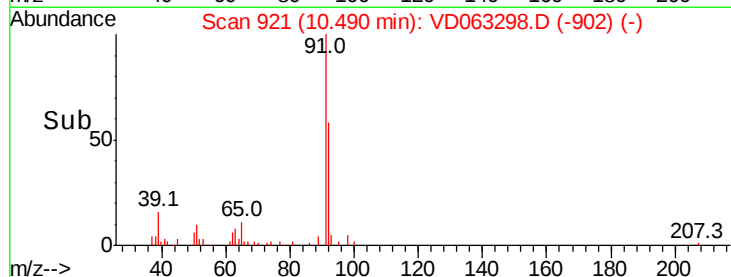
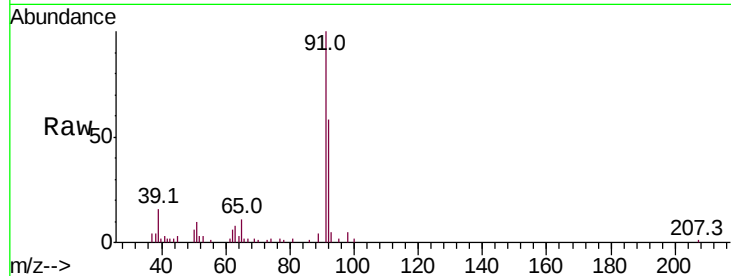
T3-2

Tot Ion: 92 Resp: 47441

Ion Ratio Lower Upper

92 100

91 171.0 140.8 211.2



#62

4-Bromofluorobenzene

Concen: 18.427 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063298.D

Acq: 1 Aug 2019 17:51

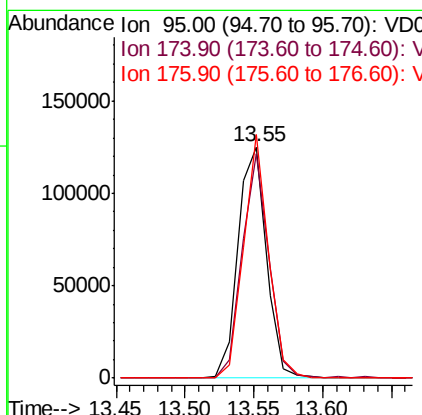
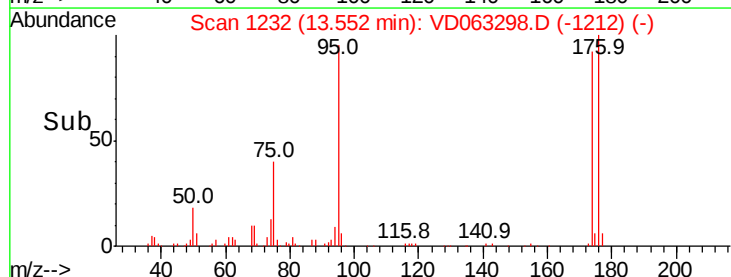
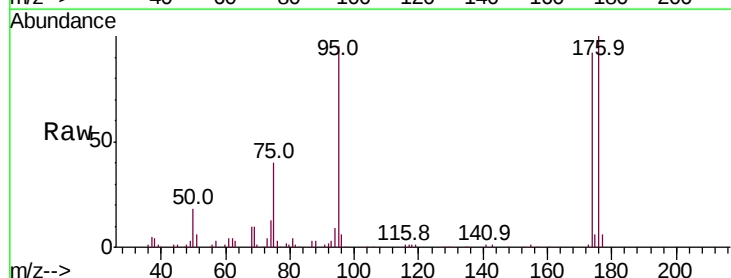
Tgt Ion: 95 Resp: 180107

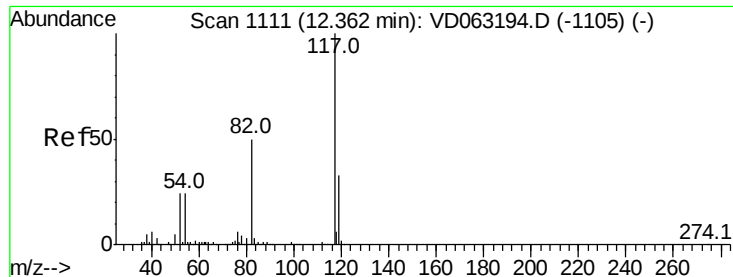
Ion Ratio Lower Upper

95 100

174 97.3 0.0 205.4

176 105.4 0.0 211.8

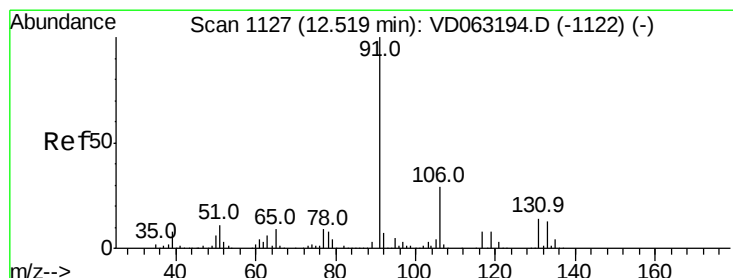
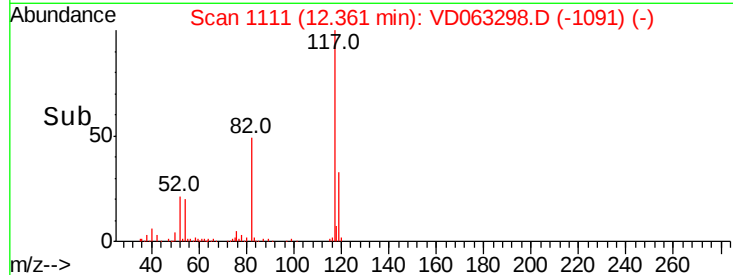
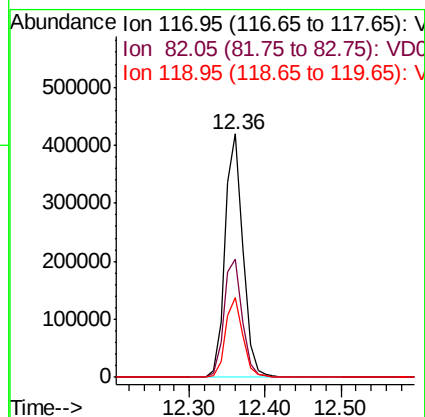
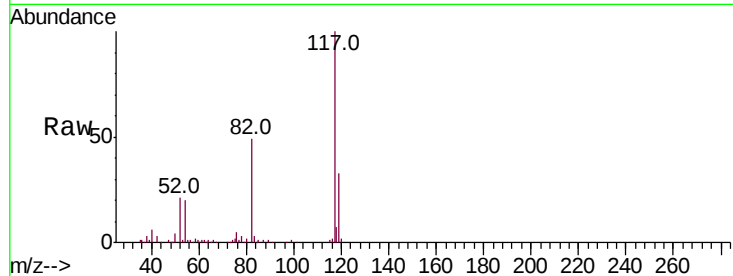




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063298.D
Acq: 1 Aug 2019 17:51

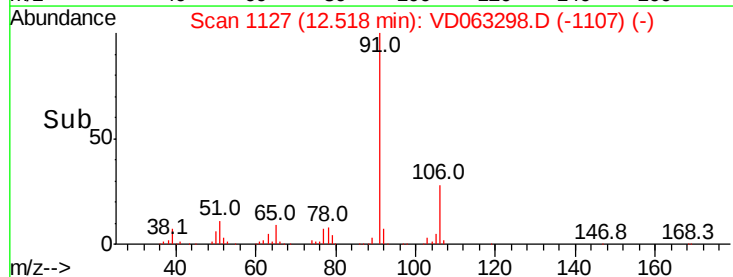
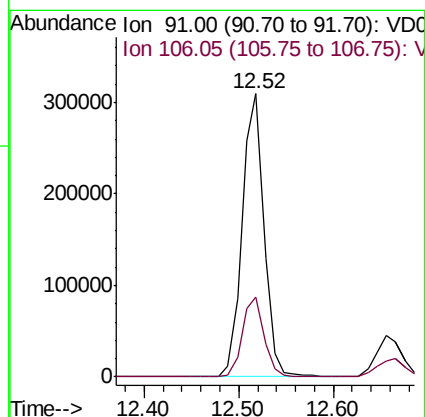
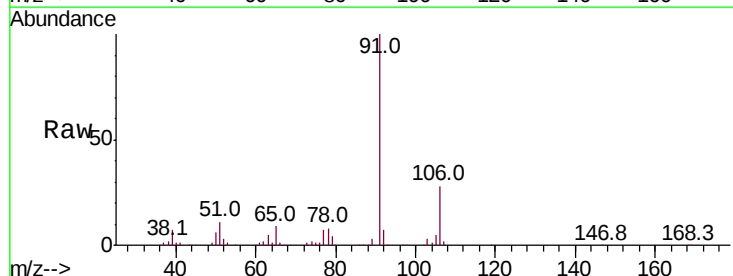
Instrument :
MSVOA_D
ClientSampled :
T3-2

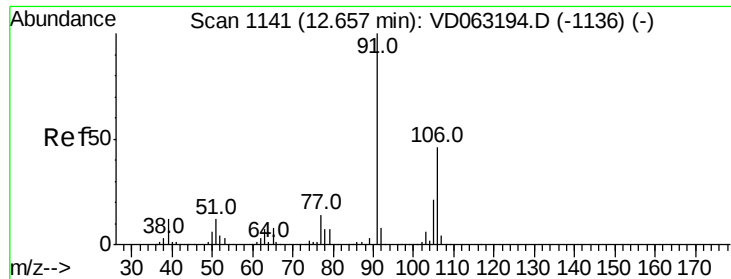
Tot Ion:117 Resp: 688965
Ion Ratio Lower Upper
117 100
82 48.7 40.1 60.1
119 32.7 26.5 39.7



#67
Ethyl Benzene
Concen: 21.915 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VD063298.D
Acq: 1 Aug 2019 17:51

Tgt Ion: 91 Resp: 493357
Ion Ratio Lower Upper
91 100
106 28.0 22.9 34.3





#68

m/p-Xylenes

Concen: 4.962 ug/l

RT: 12.67 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VD063298.D

Acq: 1 Aug 2019 17:51

Instrument :

MSVOA_D

ClientSampleId :

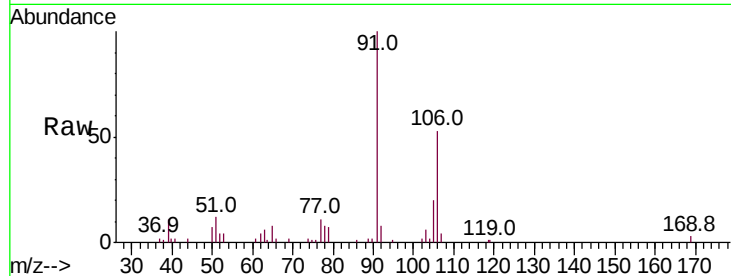
T3-2

Tot Ion:106 Resp: 40968

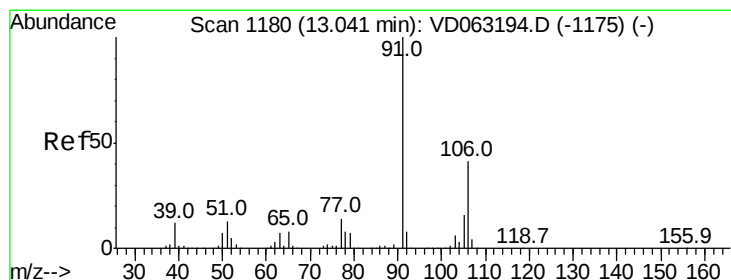
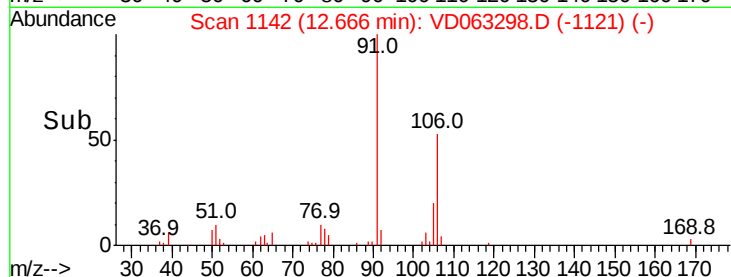
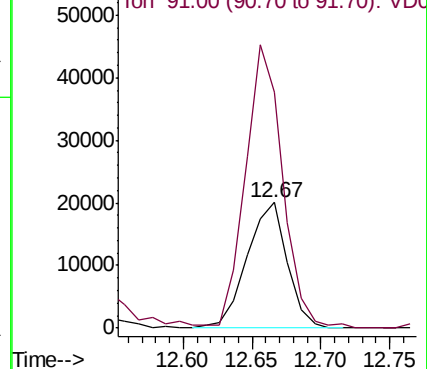
Ion Ratio Lower Upper

106 100

91 187.4 172.6 259.0



Abundance Ion 106.05 (105.75 to 106.75): V



#69

o-Xylene

Concen: 2.041 ug/l

RT: 13.04 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD063298.D

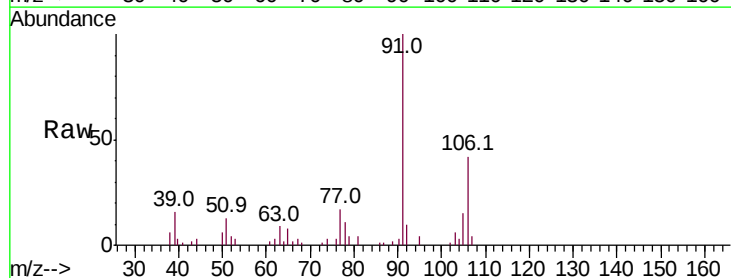
Acq: 1 Aug 2019 17:51

Tgt Ion:106 Resp: 15476

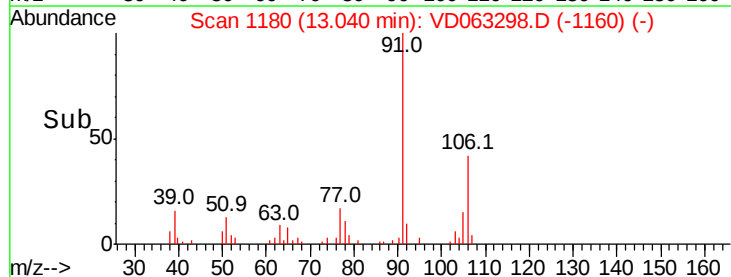
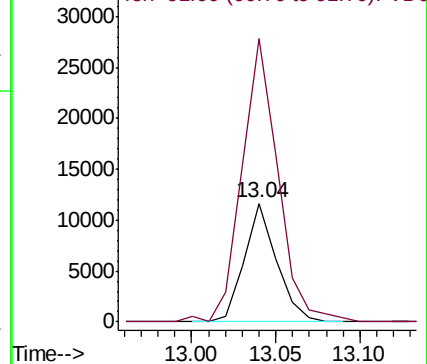
Ion Ratio Lower Upper

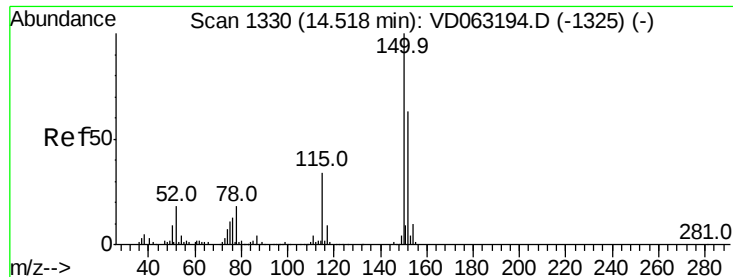
106 100

91 239.0 121.3 363.9



Abundance Ion 106.05 (105.75 to 106.75): V



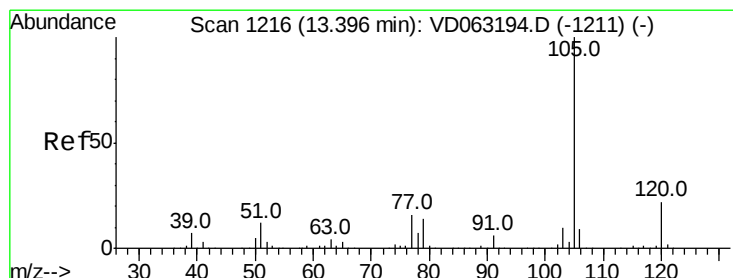
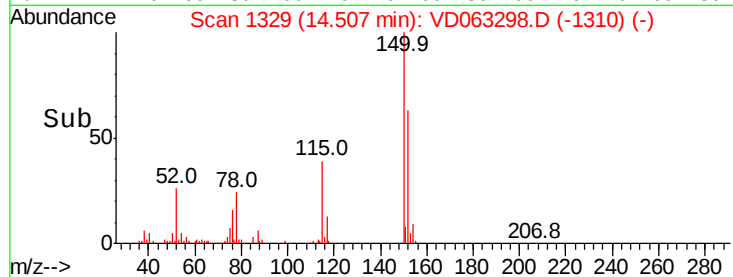
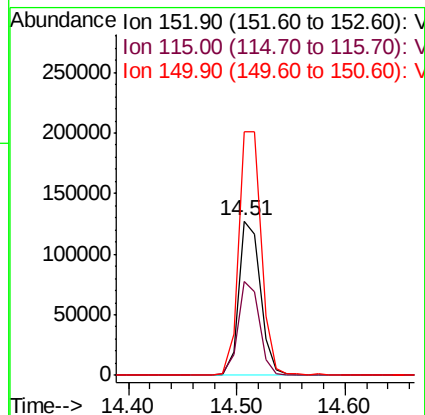
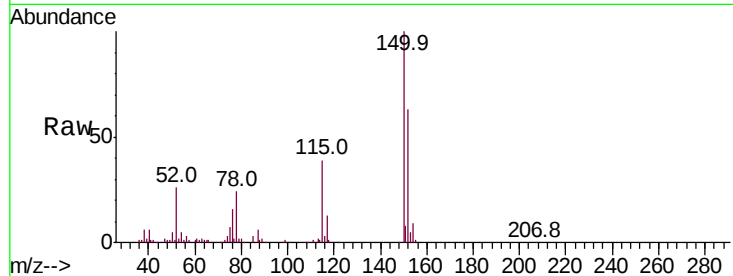


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063298.D
Acq: 1 Aug 2019 17:51

Instrument :
MSVOA_D
ClientSampleId :
T3-2

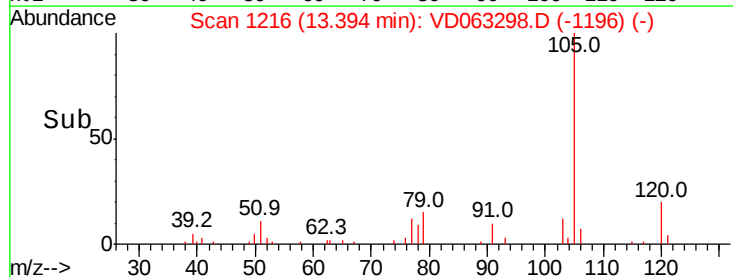
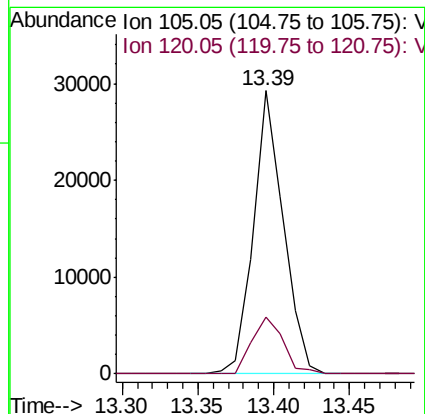
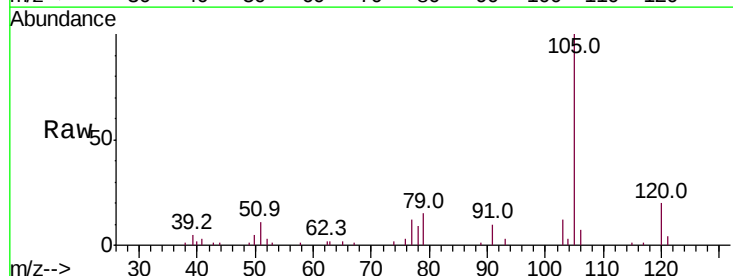
Tot Ion:152 Resp: 177951
Ion Ratio Lower Upper
152 100
115 61.0 27.5 82.4
150 157.8 0.0 320.6

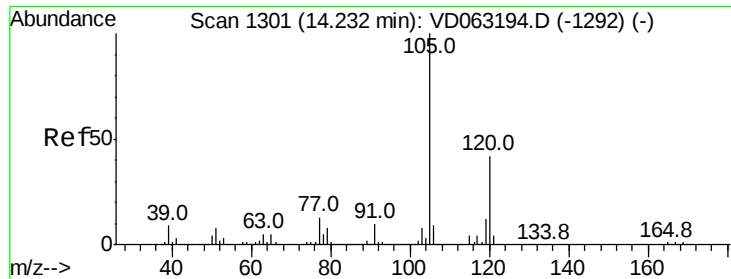


#73

Isopropylbenzene
Concen: 3.616 ug/l
RT: 13.39 min Scan# 1216
Delta R.T. -0.00 min
Lab File: VD063298.D
Acq: 1 Aug 2019 17:51

Tgt Ion:105 Resp: 40381
Ion Ratio Lower Upper
105 100
120 20.3 11.1 33.3





#84
 1,2,4-Trimethylbenzene
 Concen: 2.252 ug/l
 RT: 14.23 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VD063298.D
 Acq: 1 Aug 2019 17:51

Instrument :
 MSVOA_D
 ClientSampleId :
 T3-2

Tot Ion:105 Resp: 22440
 Ion Ratio Lower Upper
 105 100
 120 36.3 20.9 62.7

