

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111119\
 Data File : VD064191.D
 Acq On : 11 Nov 2019 21:35
 Operator : VA/SY
 Sample : K5789-02
 Misc : 6.34G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-17-S2

Quant Time: Nov 12 04:07:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

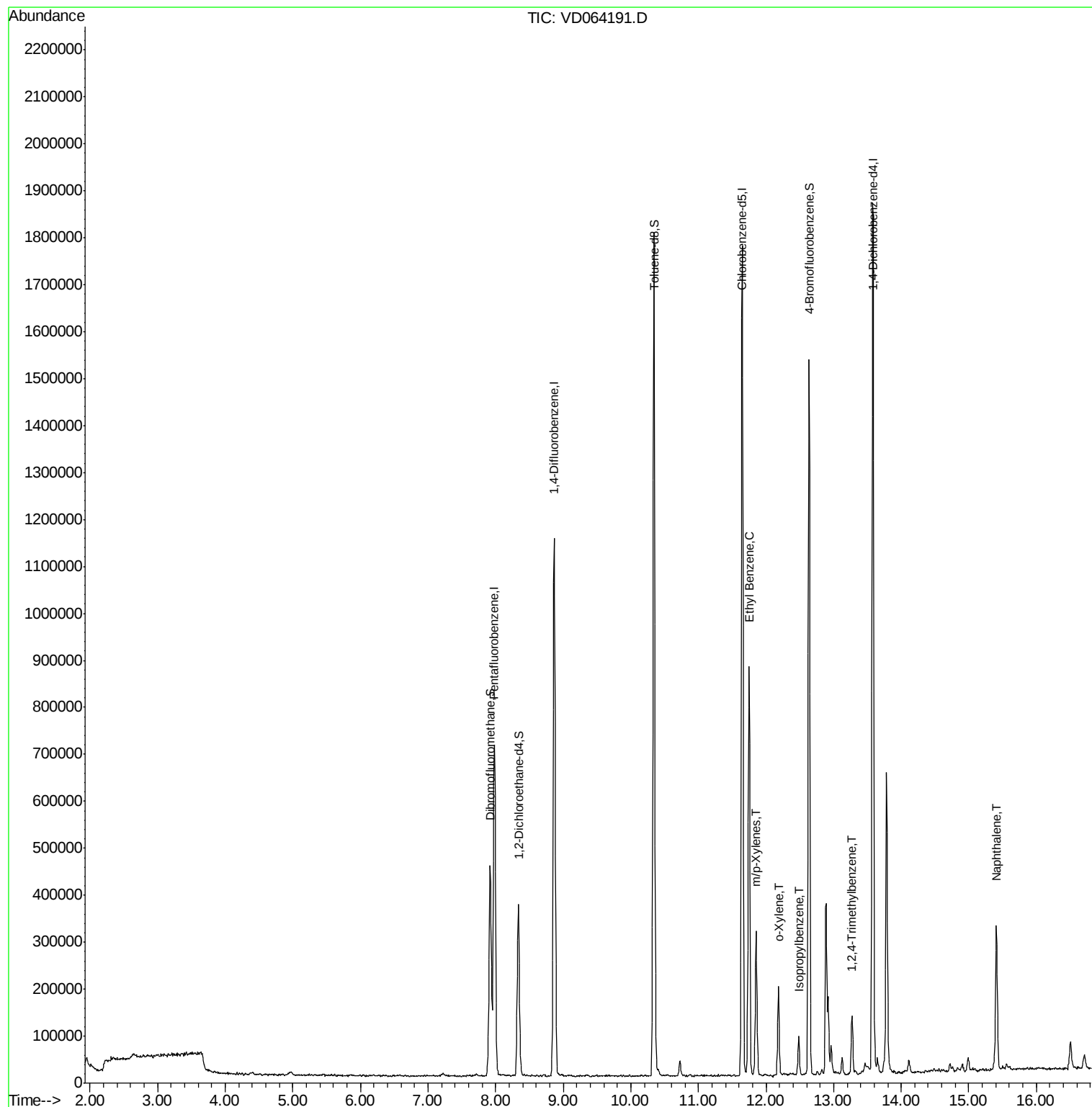
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	587499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	994772	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	998015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	518221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	290725	60.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.34%	
35) Dibromofluoromethane	7.92	113	308644	54.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.10%	
50) Toluene-d8	10.34	98	1225078	56.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.74%	
62) 4-Bromofluorobenzene	12.64	95	470850	63.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.24%	
Target Compounds						
67) Ethyl Benzene	11.75	91	625702	17.045	ug/l	97
68) m/p-Xylenes	11.86	106	94837	6.740	ug/l	99
69) o-Xylene	12.18	106	52507	4.024	ug/l	99
73) Isopropylbenzene	12.48	105	52467	1.379	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	69866	2.264	ug/l	97
95) Naphthalene	15.41	128	286767	15.619	ug/l	99

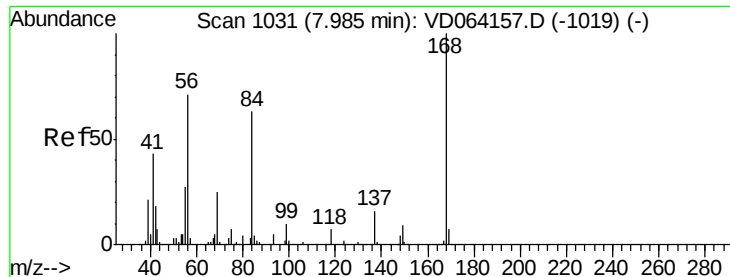
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064191.D

Acq: 11 Nov 2019 21:35

Instrument :

MSVOA_D

ClientSampleId :

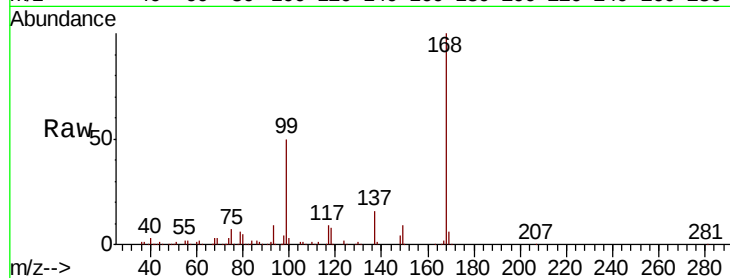
TP-17-S2

Tot Ion:168 Resp: 587499

Ion Ratio Lower Upper

168 100

99 50.2 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

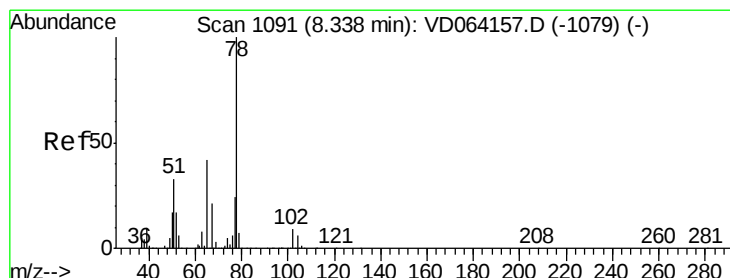
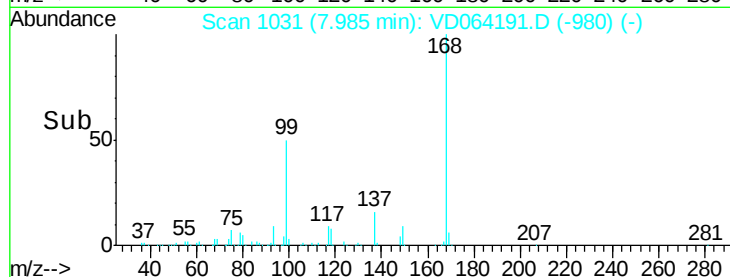
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.169 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064191.D

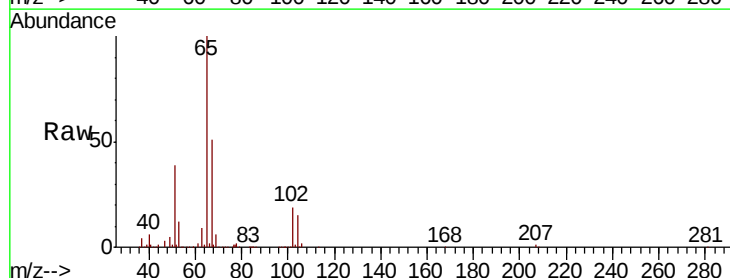
Acq: 11 Nov 2019 21:35

Tgt Ion: 65 Resp: 290725

Ion Ratio Lower Upper

65 100

67 50.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

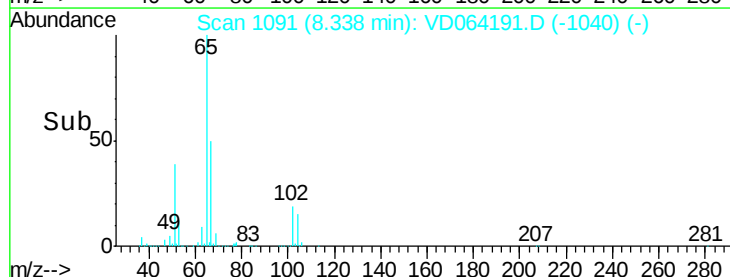
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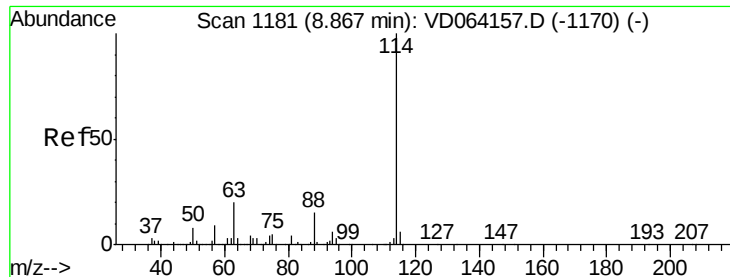
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064191.D

Acq: 11 Nov 2019 21:35

Instrument :

MSVOA_D

ClientSampleId :

TP-17-S2

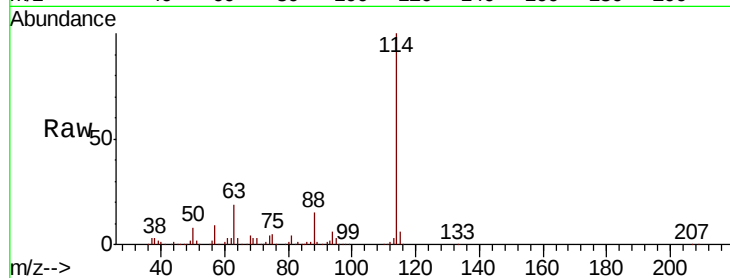
Tot Ion:114 Resp: 994772

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

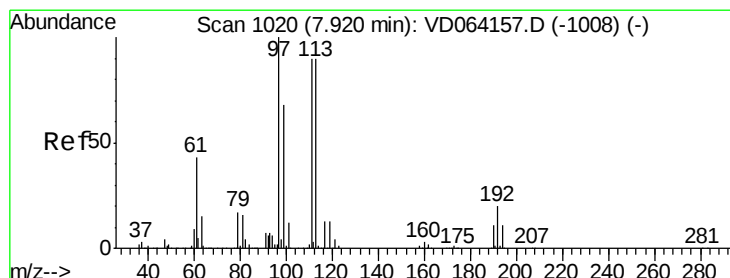
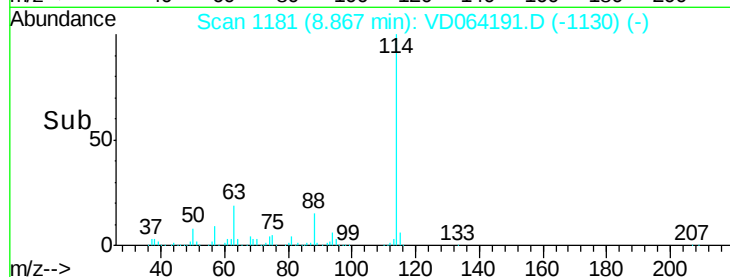
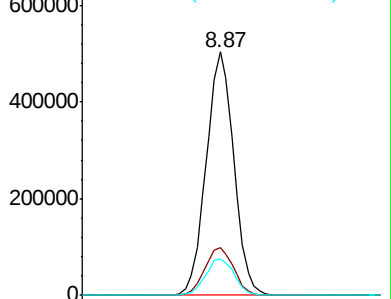
88 14.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 54.052 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064191.D

Acq: 11 Nov 2019 21:35

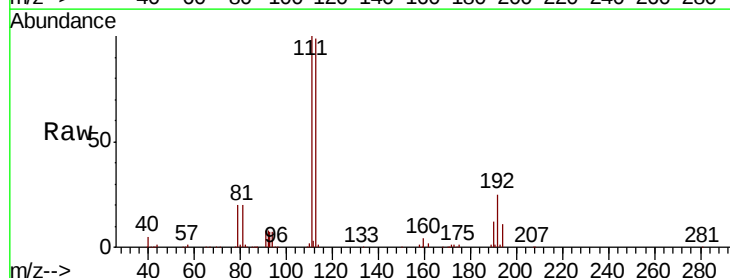
Tgt Ion:113 Resp: 308644

Ion Ratio Lower Upper

113 100

111 102.8 81.5 122.3

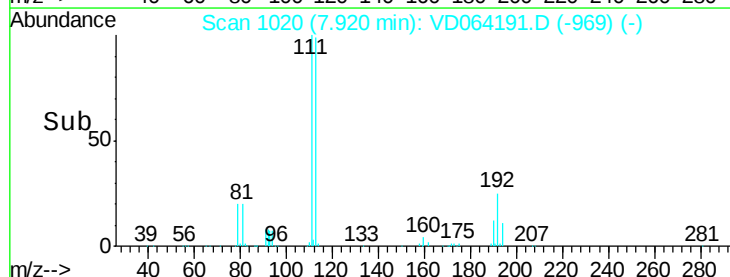
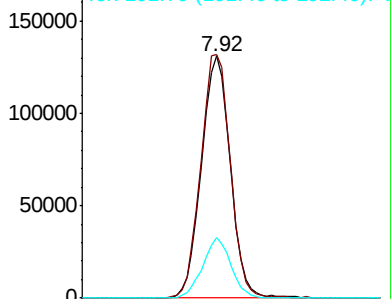
192 24.3 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 56.872 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064191.D

Acq: 11 Nov 2019 21:35

Instrument :

MSVOA_D

ClientSampleId :

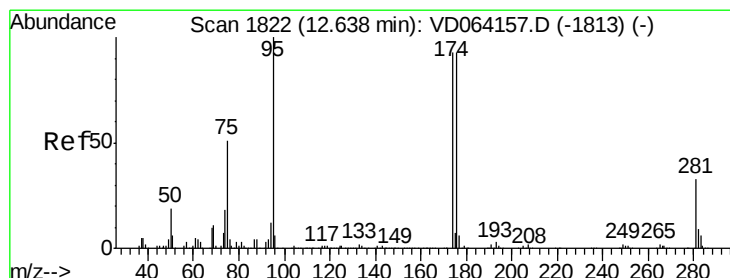
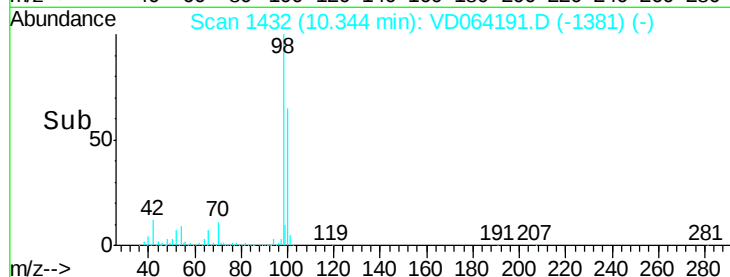
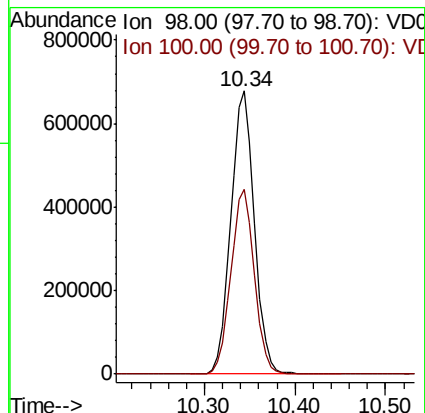
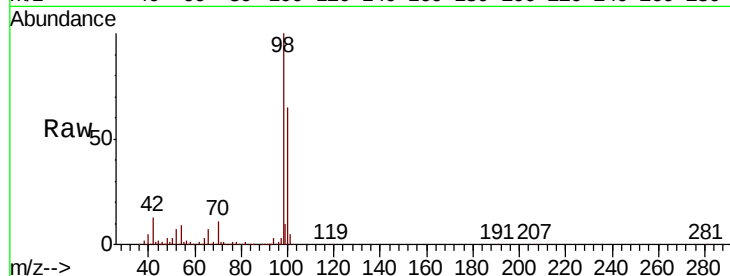
TP-17-S2

Tot Ion: 98 Resp: 1225078

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 63.118 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064191.D

Acq: 11 Nov 2019 21:35

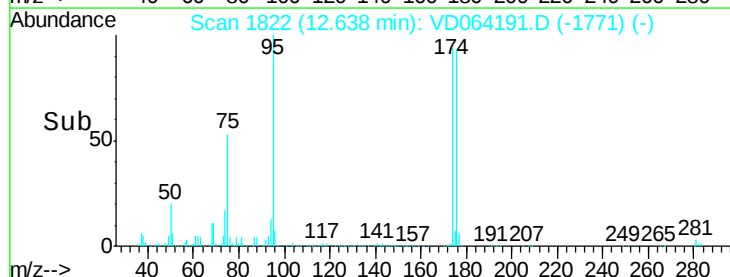
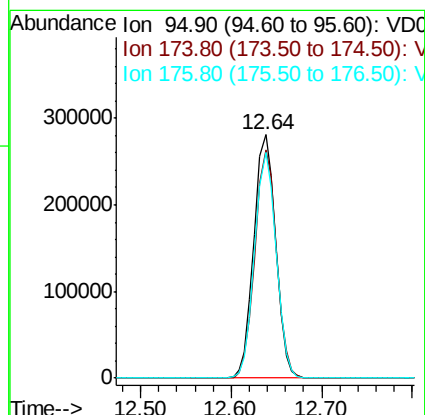
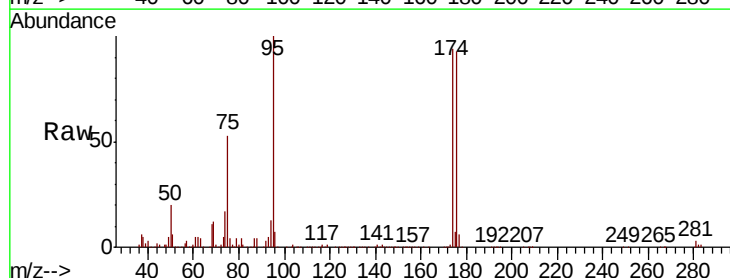
Tgt Ion: 95 Resp: 470850

Ion Ratio Lower Upper

95 100

174 91.9 0.0 183.6

176 91.5 0.0 180.2

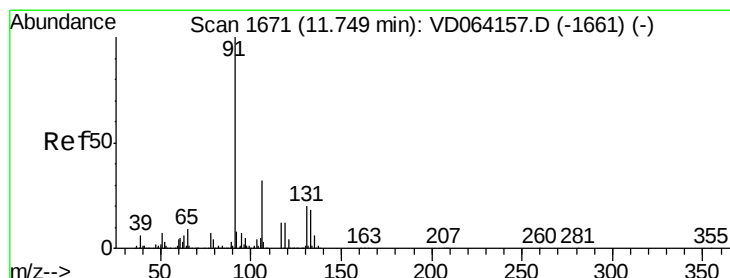
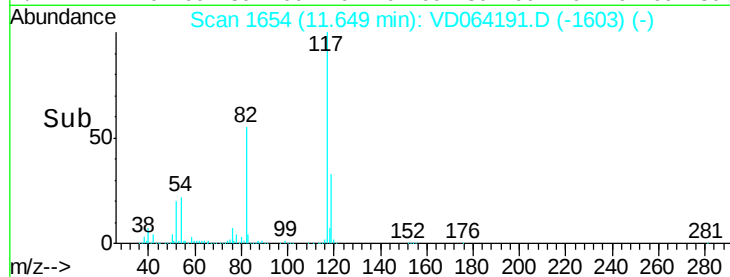
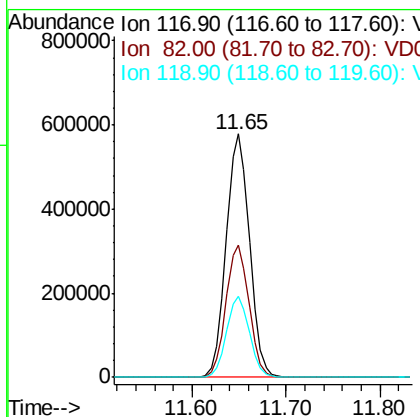
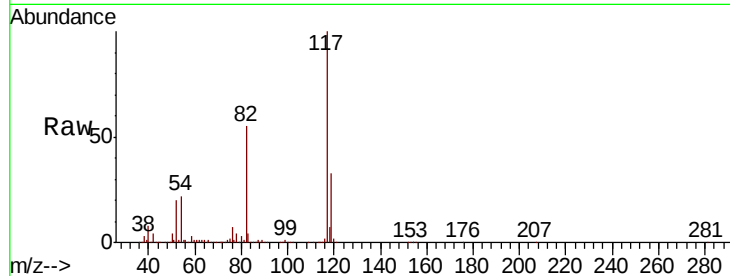




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064191.D
Acq: 11 Nov 2019 21:35

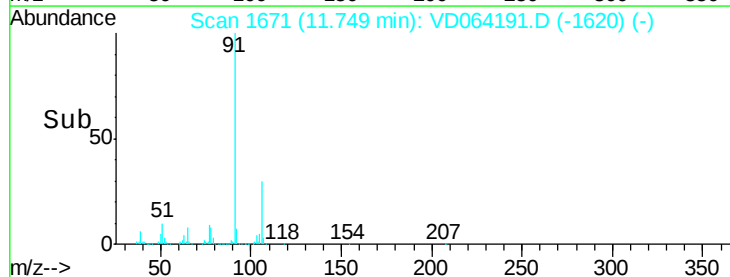
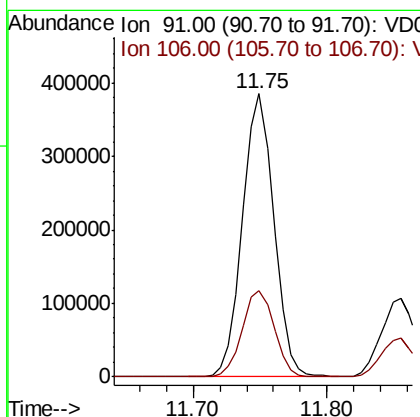
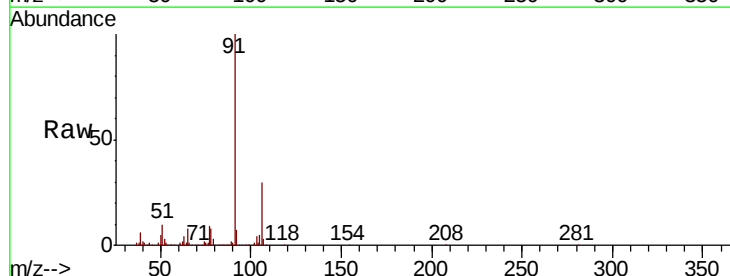
Instrument :
MSVOA_D
ClientSampleId :
TP-17-S2

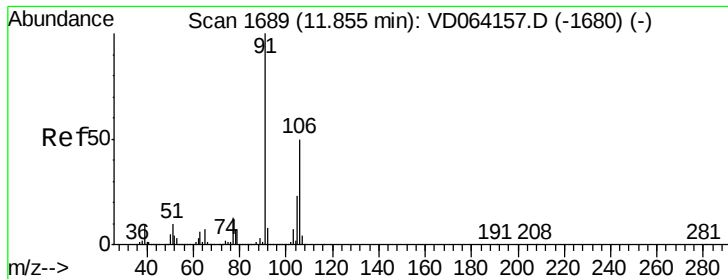
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	42.8	64.2
119	33.2	25.6	38.4



#67
Ethyl Benzene
Concen: 17.045 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD064191.D
Acq: 11 Nov 2019 21:35

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.5	25.5	38.3





#68

m/p-Xvlenes

Concen: 6.740 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD064191.D

Acq: 11 Nov 2019 21:35

Instrument :

MSVOA_D

ClientSampleId :

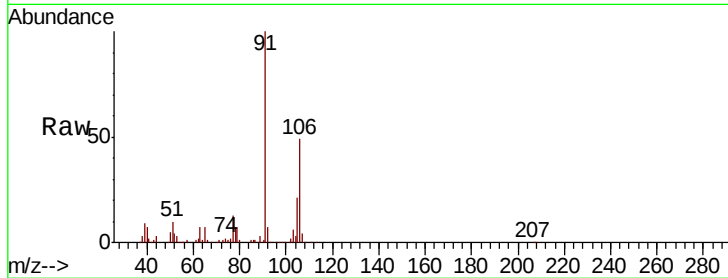
TP-17-S2

Tot Ion:106 Resp: 94837

Ion Ratio Lower Upper

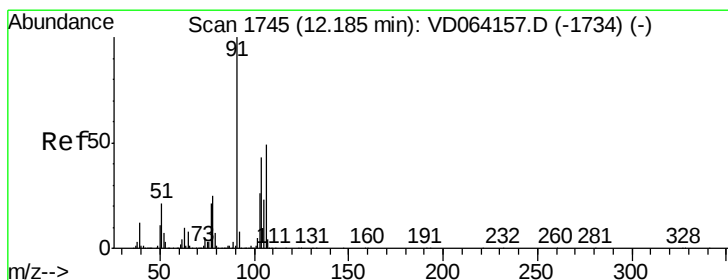
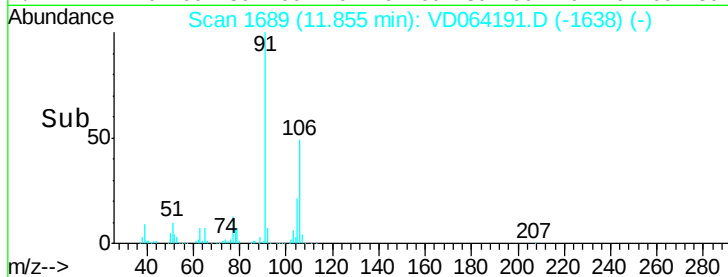
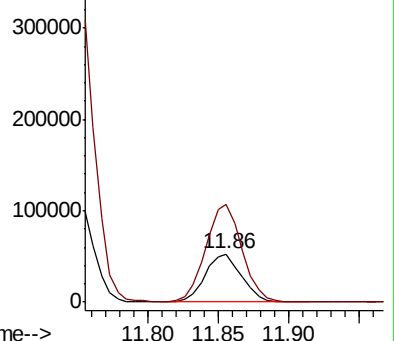
106 100

91 201.9 160.3 240.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC



#69

o-Xylene

Concen: 4.024 ug/l

RT: 12.18 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VD064191.D

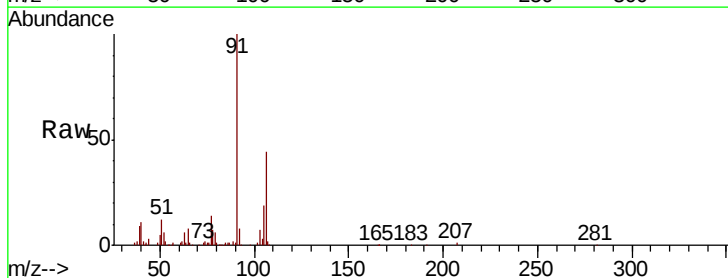
Acq: 11 Nov 2019 21:35

Tgt Ion:106 Resp: 52507

Ion Ratio Lower Upper

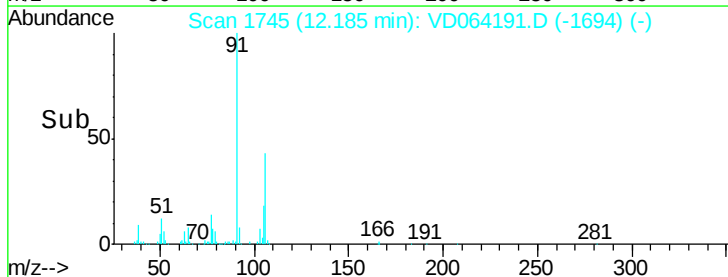
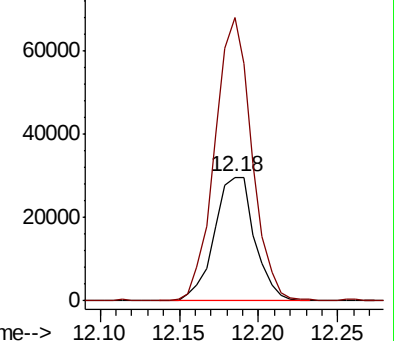
106 100

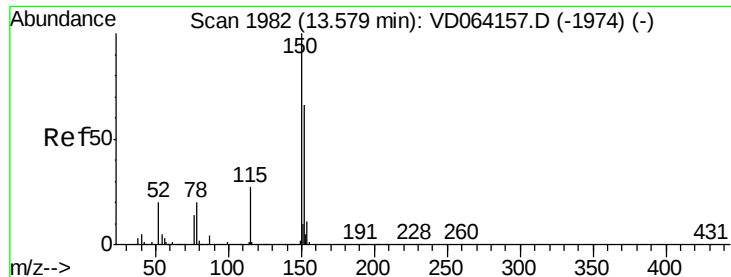
91 211.0 105.1 315.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC



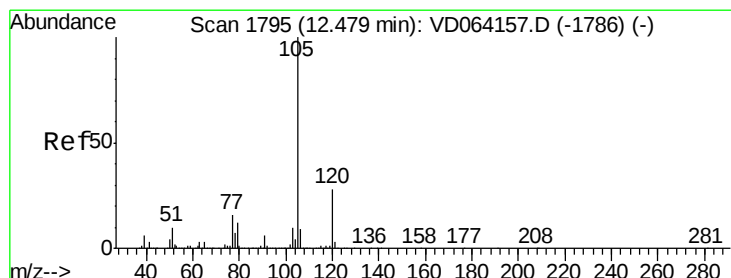
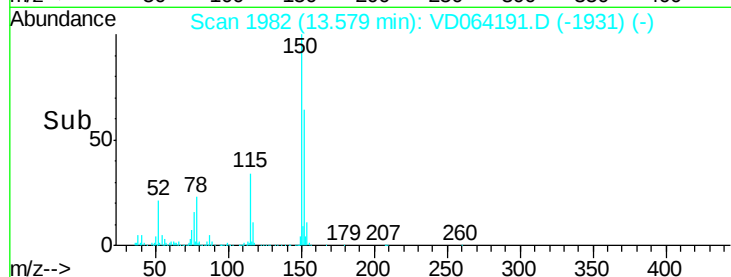
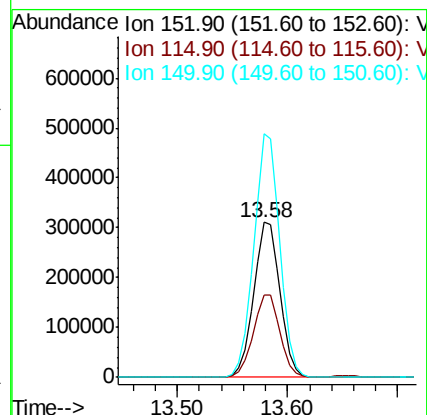
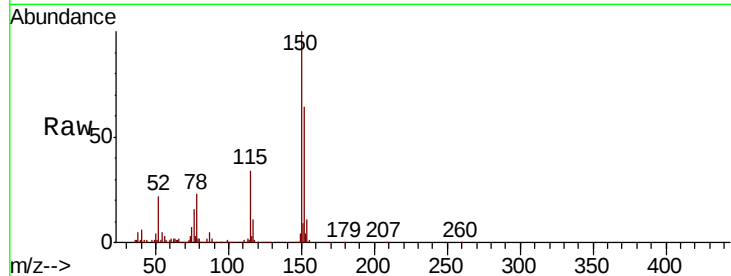


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD064191.D
Acq: 11 Nov 2019 21:35

Instrument :
MSVOA_D
ClientSampleId :
TP-17-S2

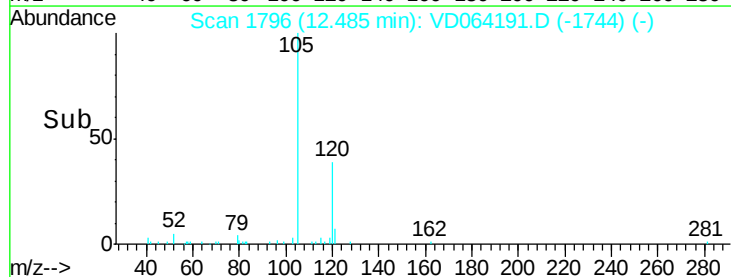
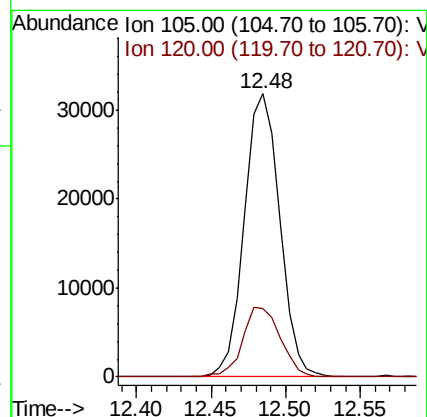
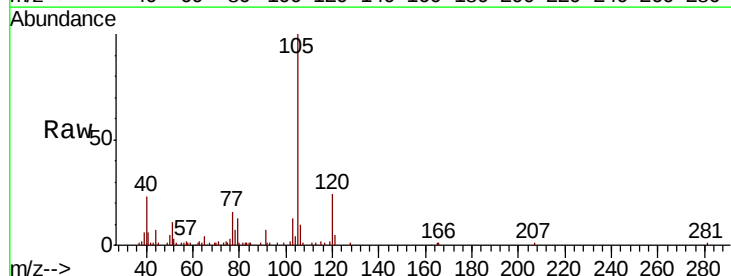
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.4	82.2
150	155.3	0.0	351.6

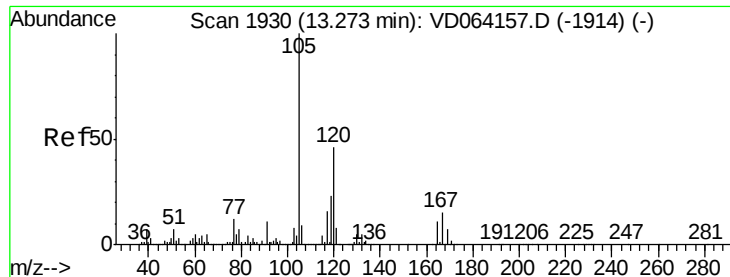


#73

Isopropylbenzene
Concen: 1.379 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.01 min
Lab File: VD064191.D
Acq: 11 Nov 2019 21:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.6	40.8

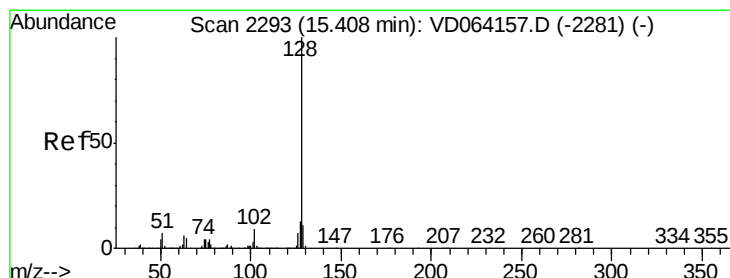
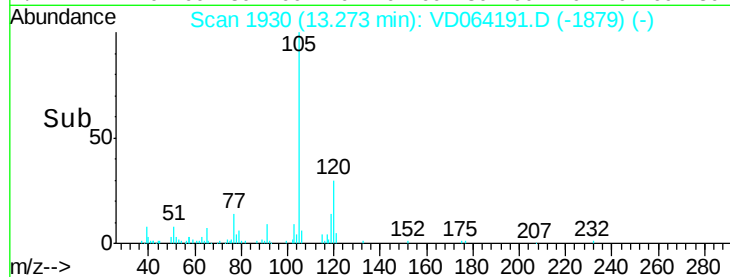
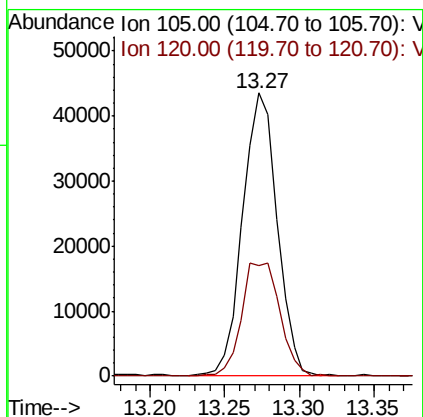
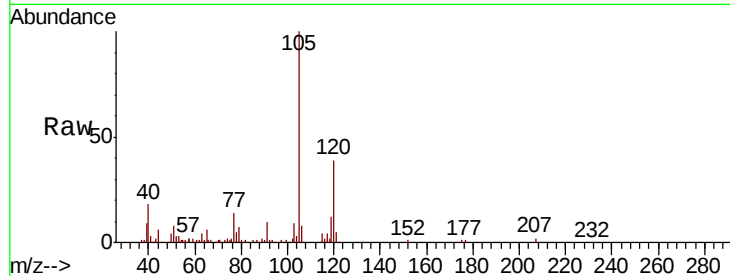




#84
 1,2,4-Trimethylbenzene
 Concen: 2.264 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD064191.D
 Acq: 11 Nov 2019 21:35

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-17-S2

Tot Ion:105 Resp: 69866
 Ion Ratio Lower Upper
 105 100
 120 44.5 23.3 69.8



#95
 Naphthalene
 Concen: 15.619 ug/l
 RT: 15.41 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: VD064191.D
 Acq: 11 Nov 2019 21:35

Tgt Ion:128 Resp: 286767
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.5 15.7
 129 11.2 8.6 13.0

