

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111119\
 Data File : VD064192.D
 Acq On : 11 Nov 2019 22:04
 Operator : VA/SY
 Sample : K5789-06
 Misc : 6.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-16B-S2

Quant Time: Nov 12 04:09:10 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

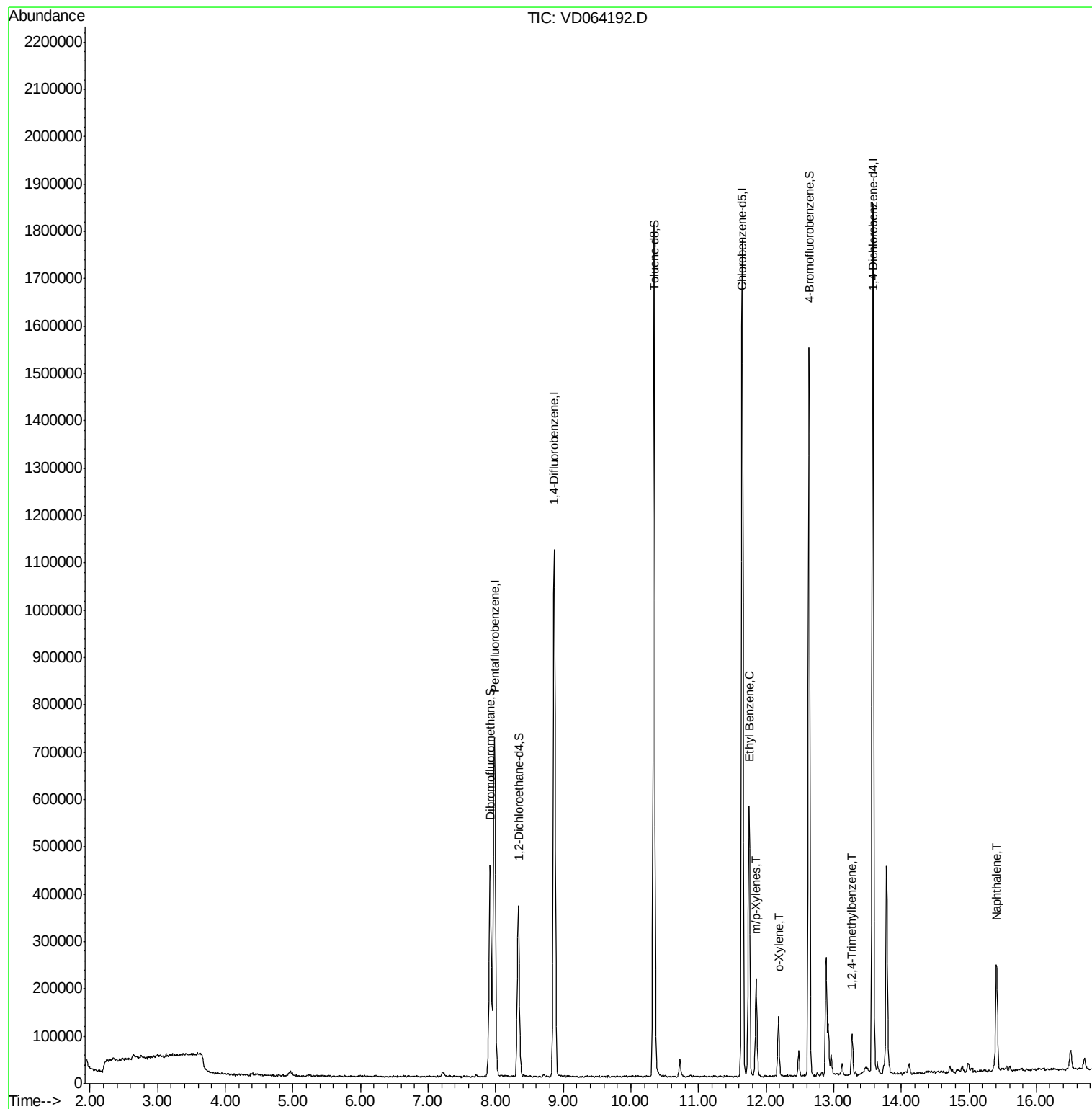
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	586346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	989396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1003549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	519905	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	288692	59.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.74%	
35) Dibromofluoromethane	7.91	113	308525	54.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.64%	
50) Toluene-d8	10.34	98	1202148	56.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.22%	
62) 4-Bromofluorobenzene	12.64	95	474679	63.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.96%	
Target Compounds						
67) Ethyl Benzene	11.75	91	407242	11.032	ug/l	100
68) m/p-Xylenes	11.86	106	64118	4.532	ug/l	98
69) o-Xylene	12.18	106	34930	2.662	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	47004	1.518	ug/l	99
95) Naphthalene	15.41	128	222257	12.066	ug/l	98

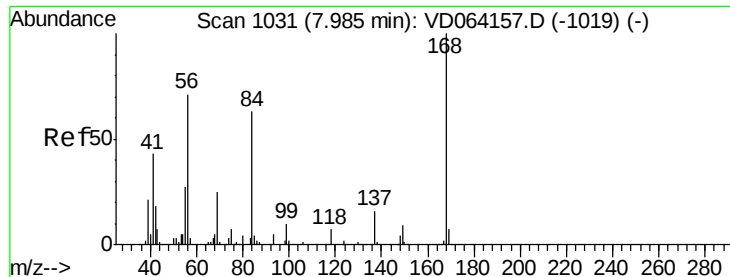
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111119\
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Quant Title : SW846 8260
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# 1030

Delta R.T. -0.01 min

Lab File: VD064192.D

Acq: 11 Nov 2019 22:04

Instrument :

MSVOA_D

ClientSampleId :

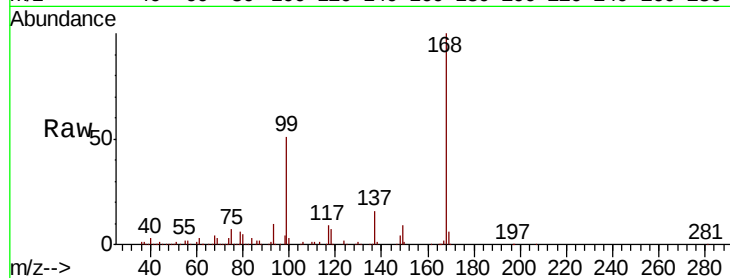
TP-16B-S2

Tot Ion:168 Resp: 586346

Ion Ratio Lower Upper

168 100

99 51.1 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

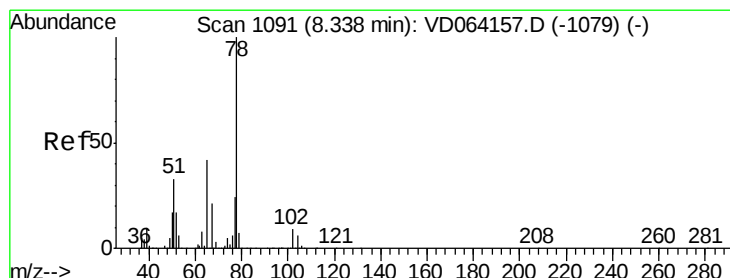
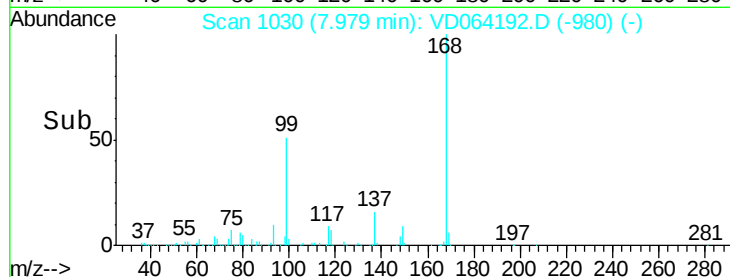
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.865 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064192.D

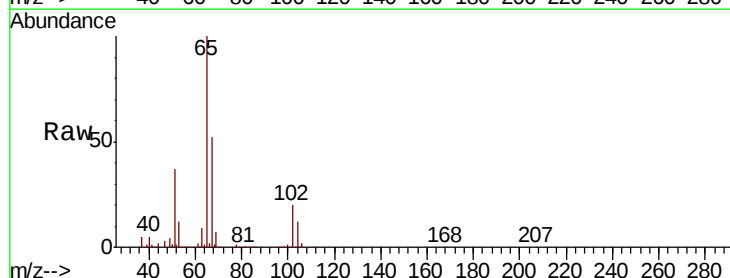
Acq: 11 Nov 2019 22:04

Tgt Ion: 65 Resp: 288692

Ion Ratio Lower Upper

65 100

67 51.3 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

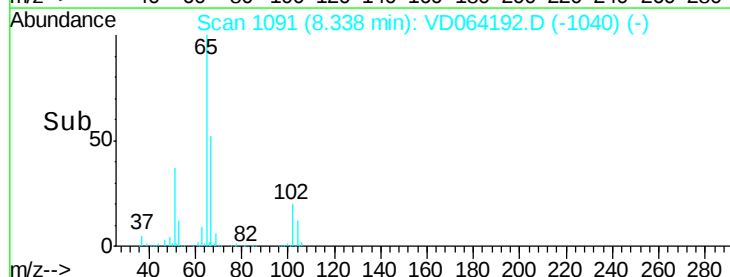
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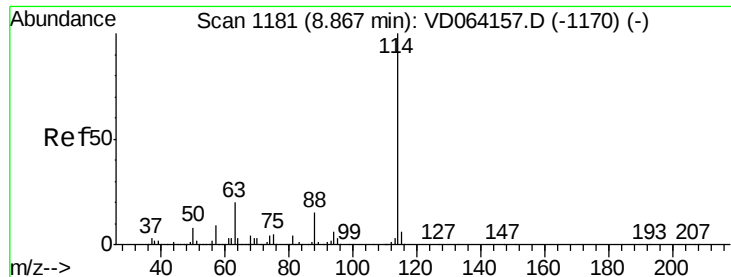
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50000

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Time-->

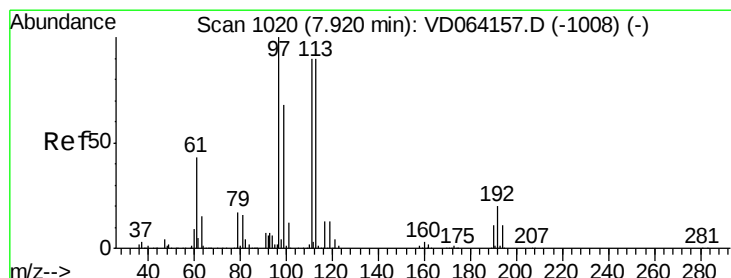
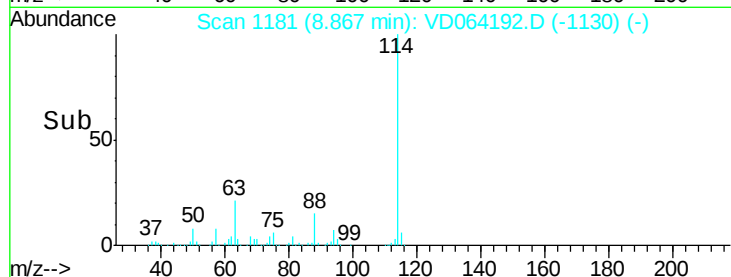
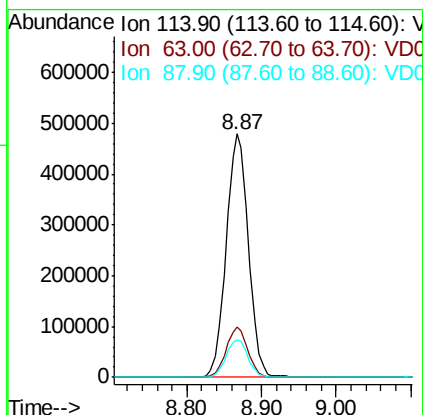
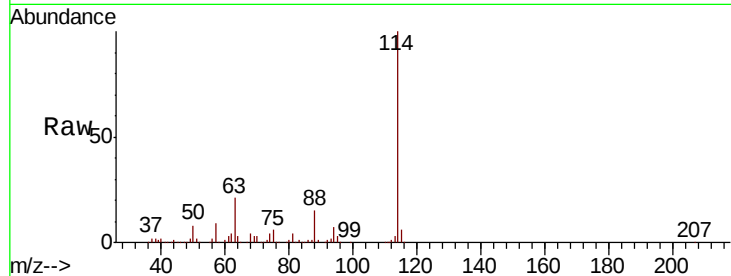




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064192.D
 Acq: 11 Nov 2019 22:04

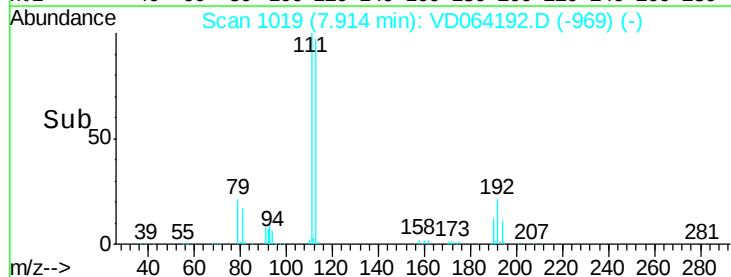
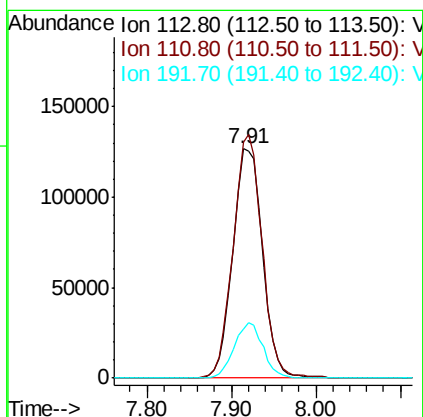
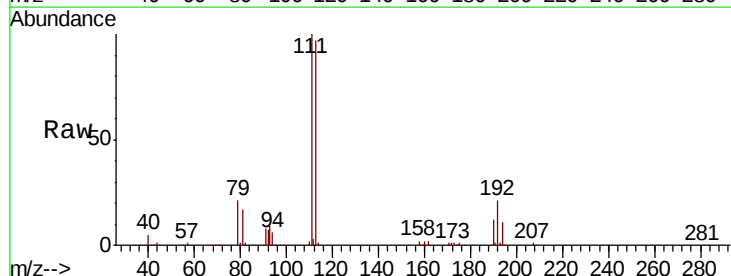
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-16B-S2

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.0
88	15.5	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 54.325 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064192.D
 Acq: 11 Nov 2019 22:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.5	122.3
192	23.3	18.8	28.2

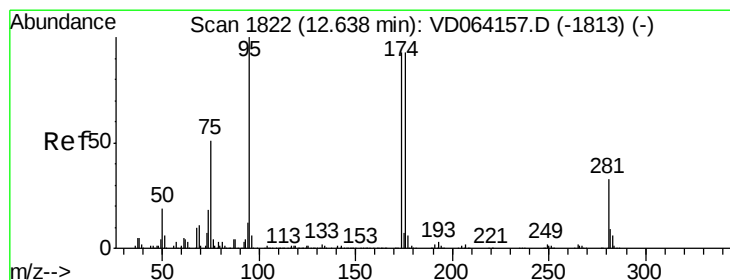
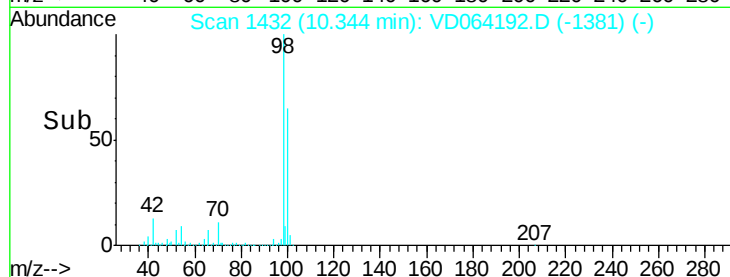
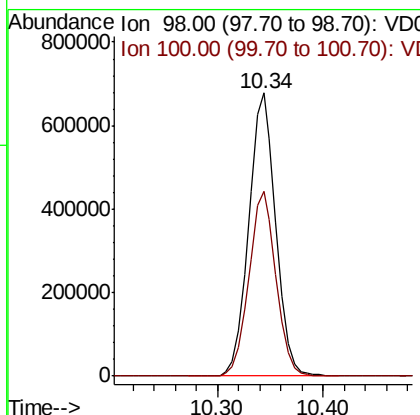
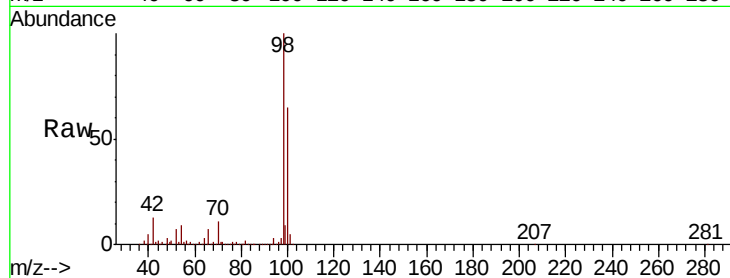




#50
Toluene-d8
Concen: 56.110 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064192.D
Acq: 11 Nov 2019 22:04

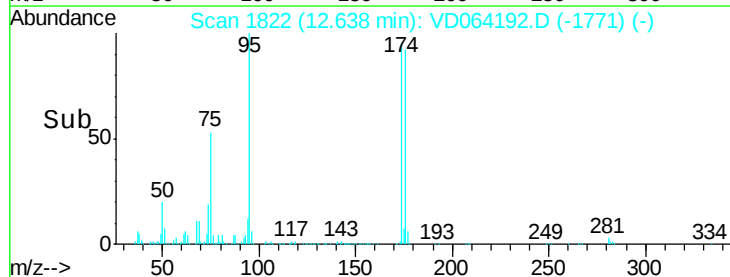
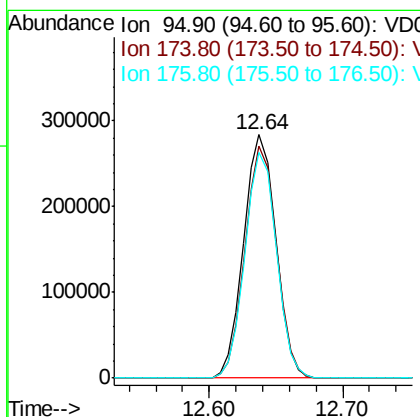
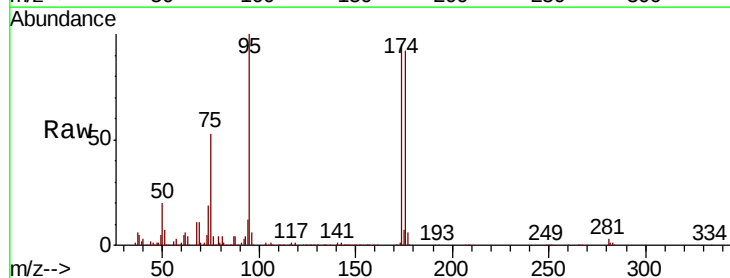
Instrument :
MSVOA_D
ClientSampleId :
TP-16B-S2

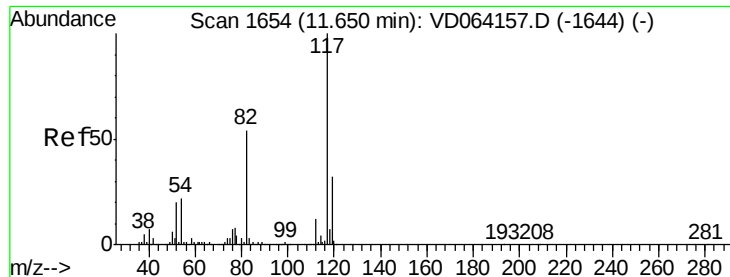
Tot Ion: 98 Resp: 1202148
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 63.977 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064192.D
Acq: 11 Nov 2019 22:04

Tgt Ion: 95 Resp: 474679
Ion Ratio Lower Upper
95 100
174 93.1 0.0 183.6
176 90.6 0.0 180.2

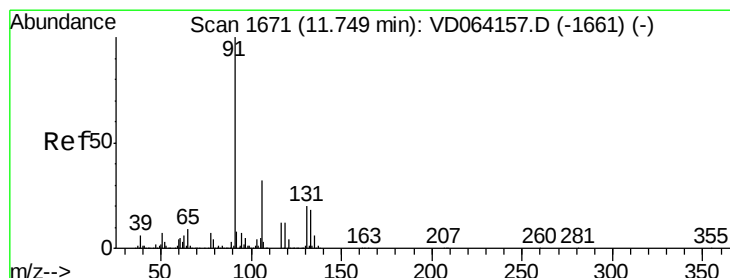
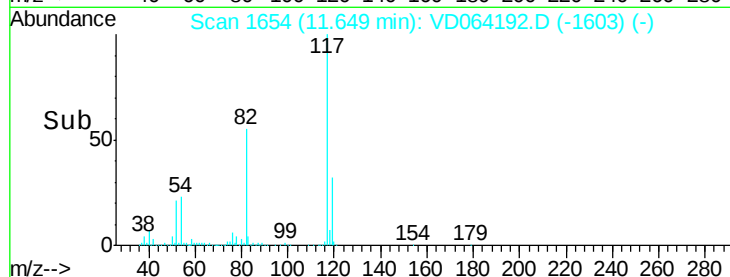
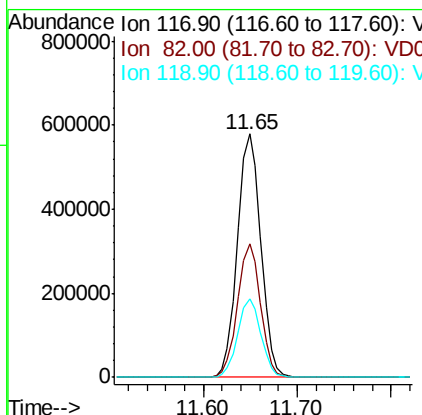
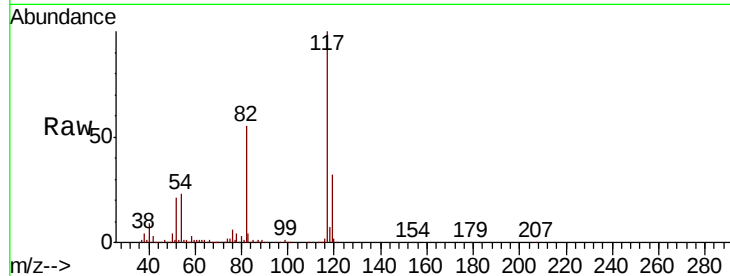




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064192.D
Acq: 11 Nov 2019 22:04

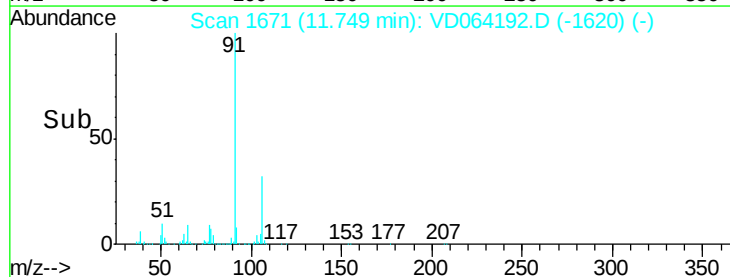
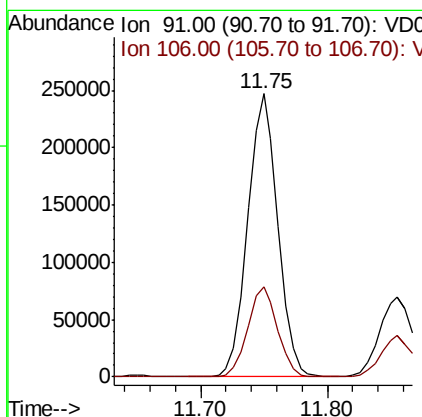
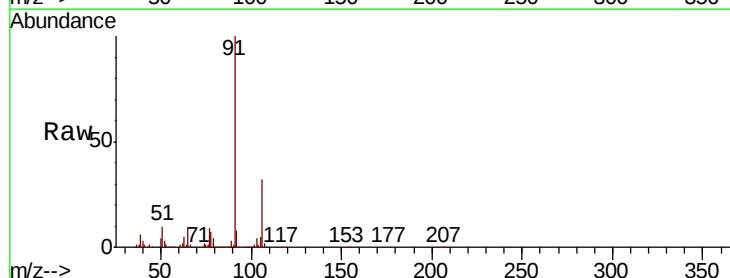
Instrument :
MSVOA_D
ClientSampleId :
TP-16B-S2

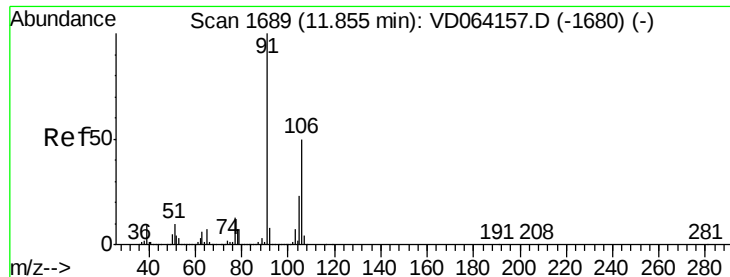
Tot Ion:117 Resp: 1003549
Ion Ratio Lower Upper
117 100
82 54.9 42.8 64.2
119 32.3 25.6 38.4



#67
Ethyl Benzene
Concen: 11.032 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD064192.D
Acq: 11 Nov 2019 22:04

Tgt Ion: 91 Resp: 407242
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3

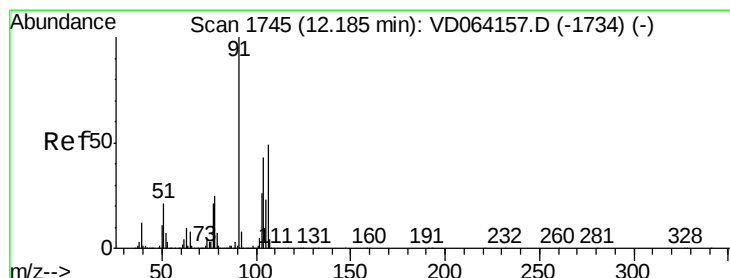
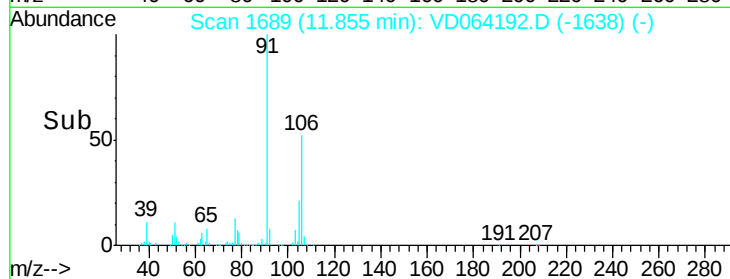
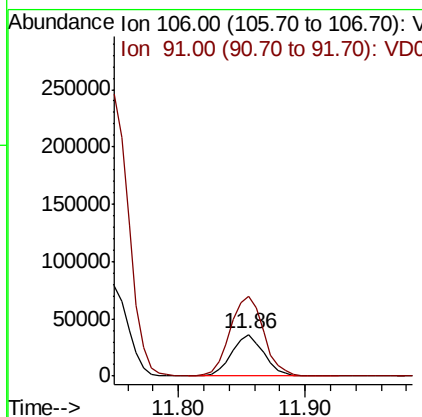
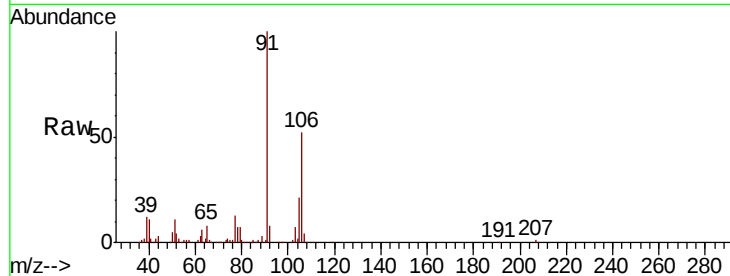




#68
m/p-Xylenes
Concen: 4.532 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD064192.D
Acq: 11 Nov 2019 22:04

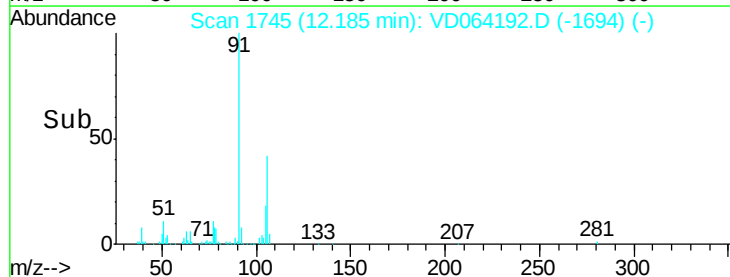
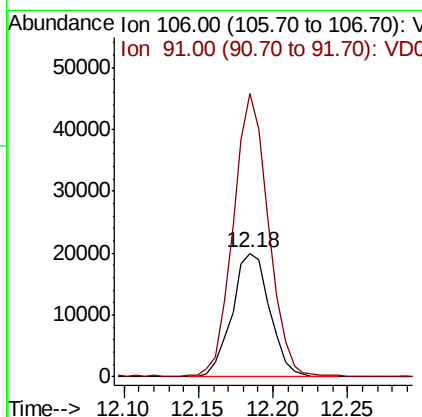
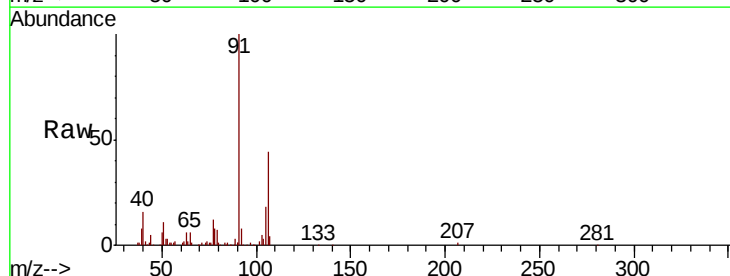
Instrument :
MSVOA_D
ClientSampleId :
TP-16B-S2

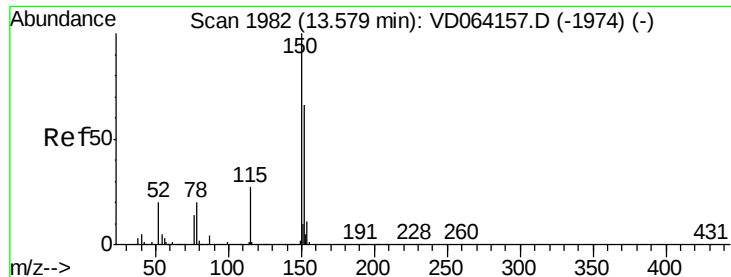
Tot Ion:106 Resp: 64118
Ion Ratio Lower Upper
106 100
91 197.4 160.3 240.5



#69
o-Xylene
Concen: 2.662 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064192.D
Acq: 11 Nov 2019 22:04

Tgt Ion:106 Resp: 34930
Ion Ratio Lower Upper
106 100
91 215.8 105.1 315.3



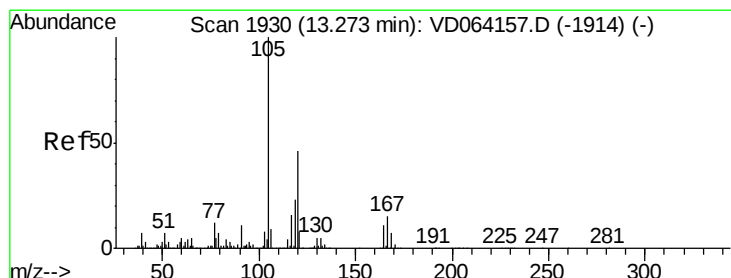
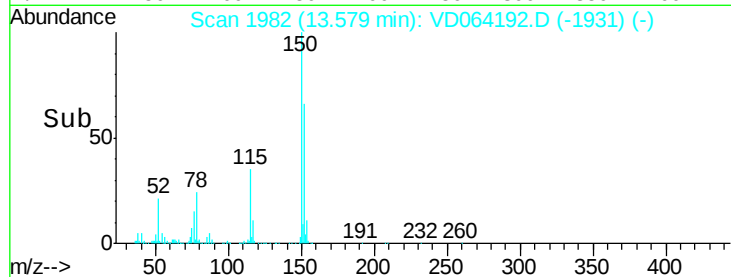
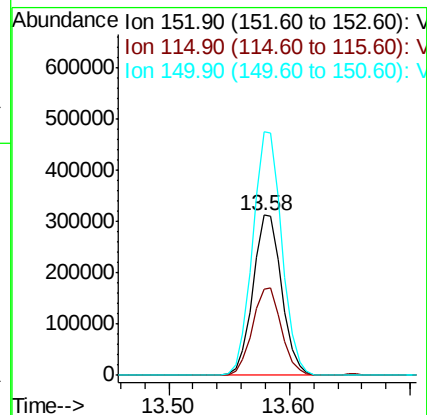
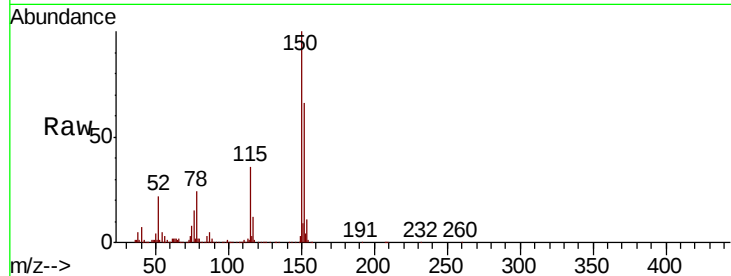


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD064192.D
Acq: 11 Nov 2019 22:04

Instrument :
MSVOA_D
ClientSampleId :
TP-16B-S2

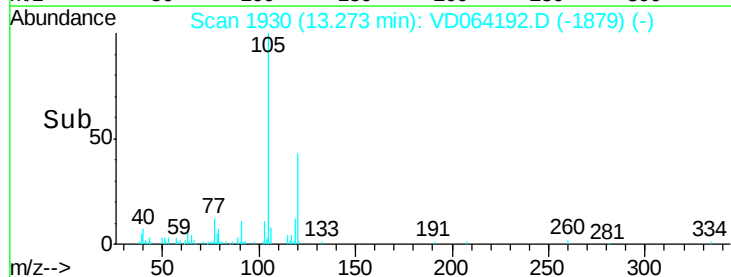
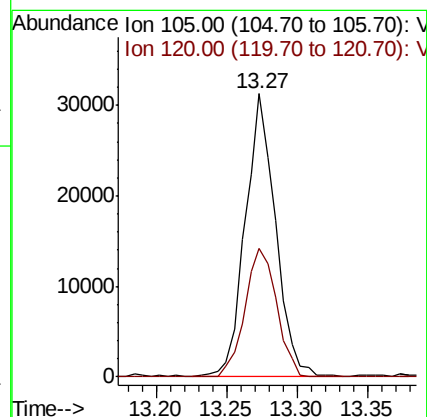
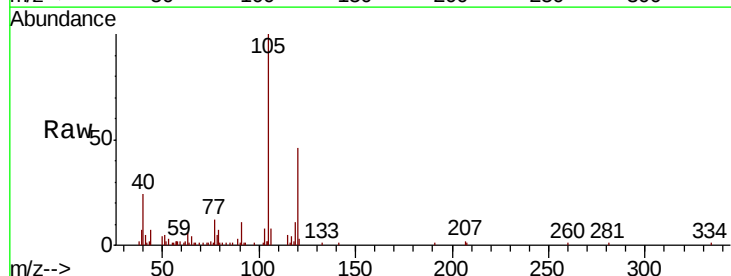
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.4	82.2
150	154.0	0.0	351.6

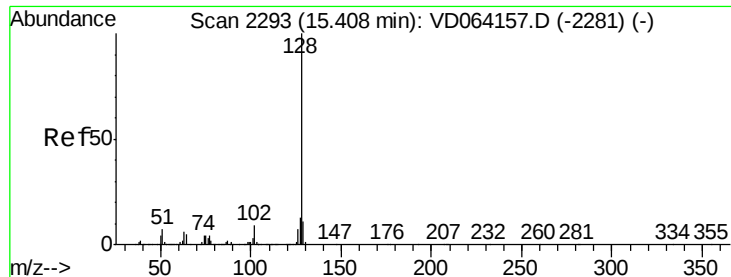


#84

1,2,4-Trimethylbenzene
Concen: 1.518 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD064192.D
Acq: 11 Nov 2019 22:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.3	69.8

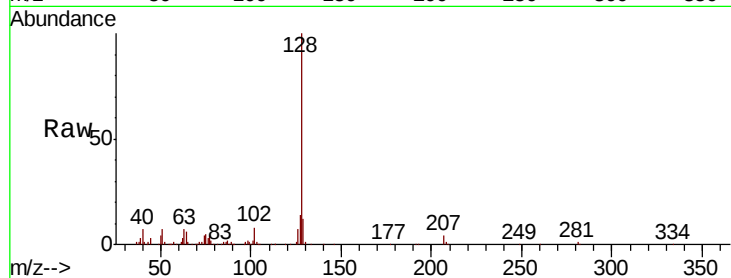




#95
Naphthalene
Concen: 12.066 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD064192.D
Acq: 11 Nov 2019 22:04

Instrument :
MSVOA_D
ClientSampleId :
TP-16B-S2

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	11.7	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

