

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010720\
 Data File : VD064797.D
 Acq On : 07 Jan 2020 17:14
 Operator : VA/SY
 Sample : L1013-01
 Misc : 5.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-010720

Quant Time: Jan 08 08:20:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	460741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	711944	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	594196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	243981	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	171277	42.16	ug/l	0.00
Spiked Amount			Recovery	=	84.32%	
35) Dibromofluoromethane	7.92	113	204939	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	
50) Toluene-d8	10.34	98	843378	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.64	95	230025	43.49	ug/l	0.00
Spiked Amount			Recovery	=	86.98%	

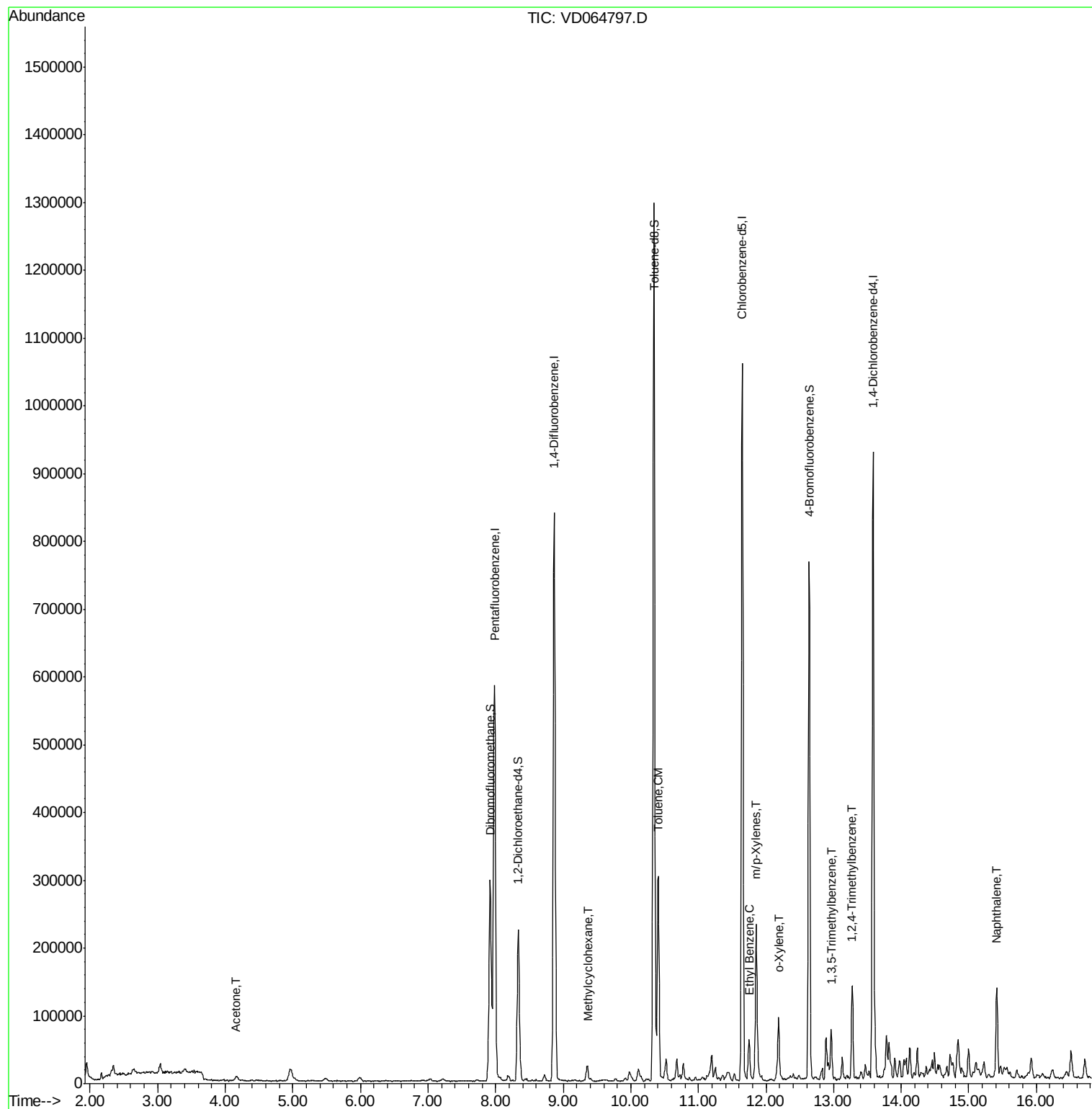
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.17	43	13051	17.658	ug/l #	82
39) Methylcyclohexane	9.36	83	8655	1.043	ug/l	90
52) Toluene	10.41	92	128118	10.439	ug/l	99
67) Ethyl Benzene	11.75	91	39227	1.752	ug/l	98
68) m/p-Xylenes	11.86	106	66931	7.747	ug/l	99
69) o-Xylene	12.19	106	25592	3.279	ug/l	97
80) 1,3,5-Trimethylbenzene	12.97	105	29675	2.072	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	77164	5.410	ug/l	98
95) Naphthalene	15.41	128	109876	13.545	ug/l	98

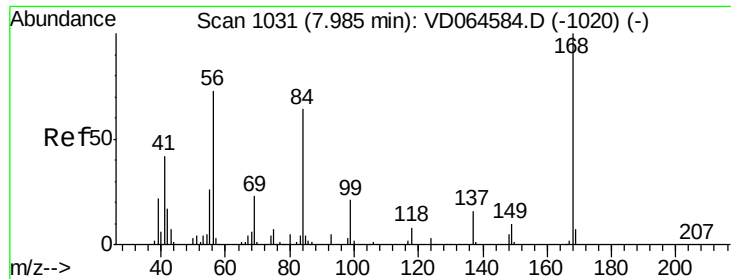
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD010720\
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Misc : 5.51G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PL-01-010720

Quant Time: Jan 08 08:20:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 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: VD064797.D

Acq: 07 Jan 2020 17:14

Instrument :

MSVOA_D

ClientSampleId :

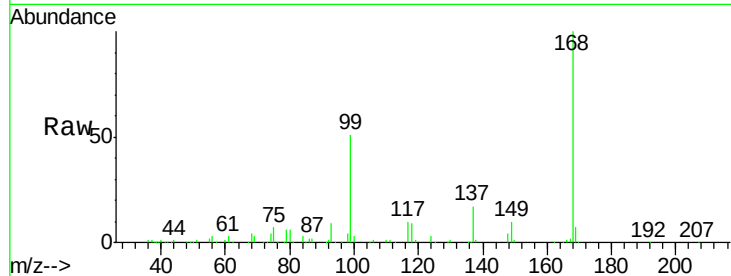
PL-01-010720

Tgt Ion:168 Resp: 460741

Ion Ratio Lower Upper

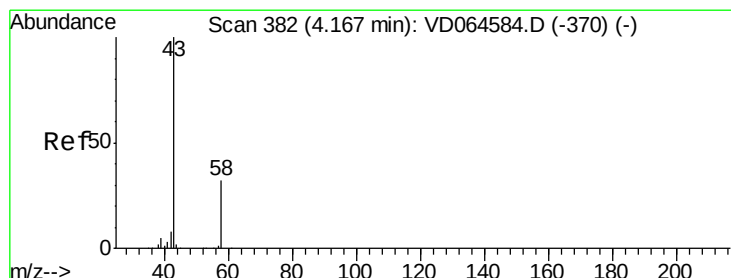
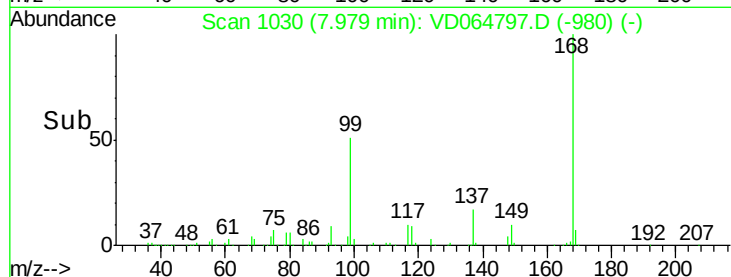
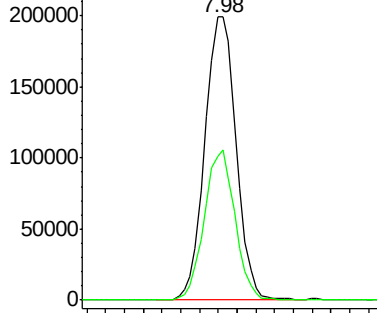
168 100

99 51.0 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 17.658 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064797.D

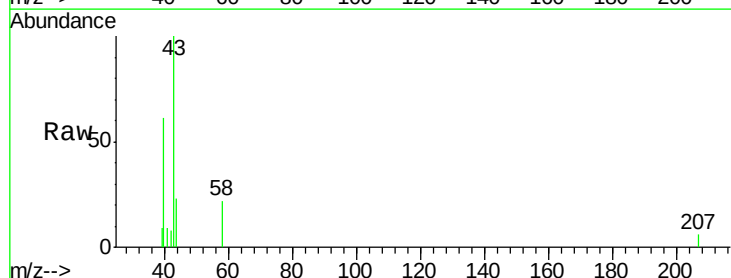
Acq: 07 Jan 2020 17:14

Tgt Ion: 43 Resp: 13051

Ion Ratio Lower Upper

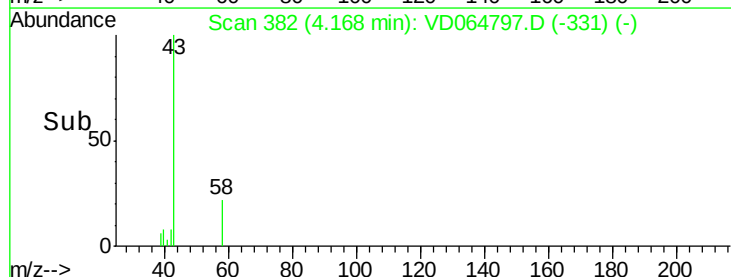
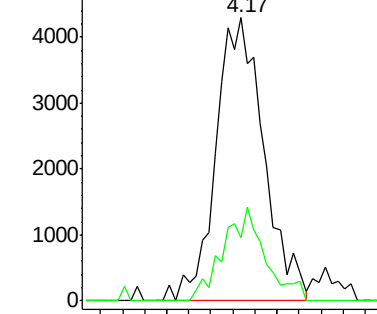
43 100

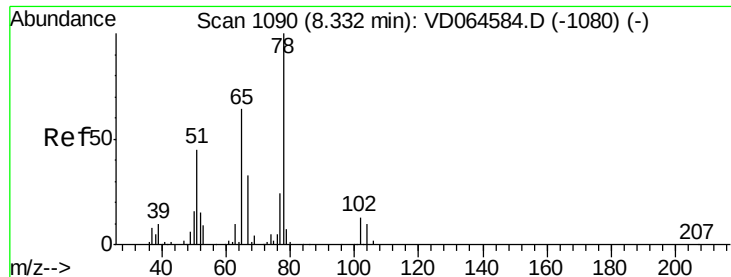
58 22.3 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

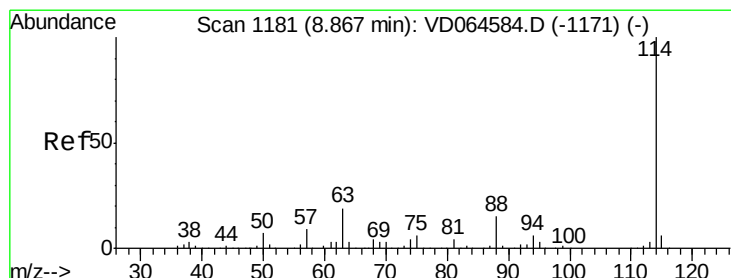
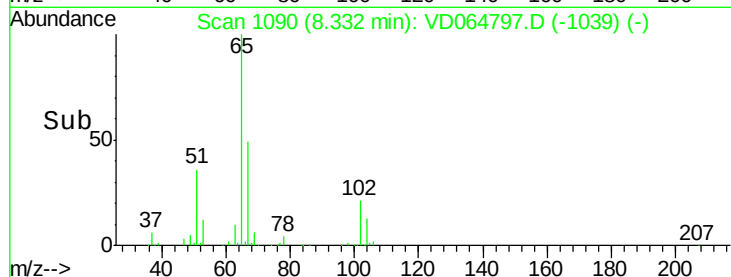
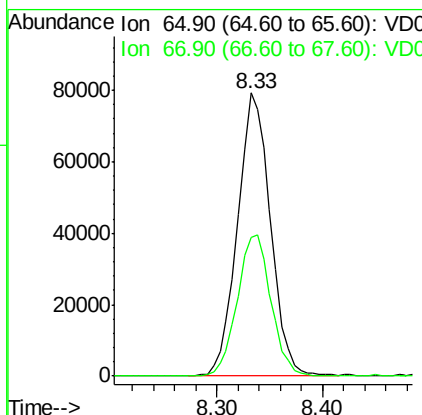
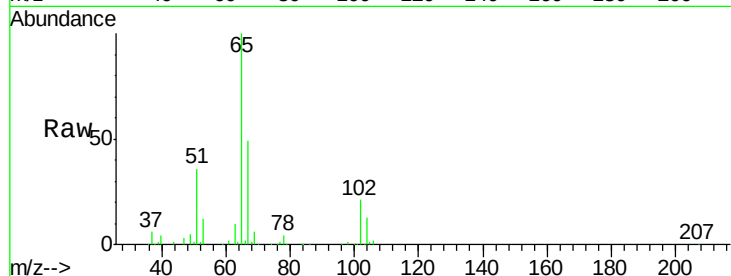




#33
 1,2-Dichloroethane-d4
 Concen: 42.158 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064797.D
 Acq: 07 Jan 2020 17:14

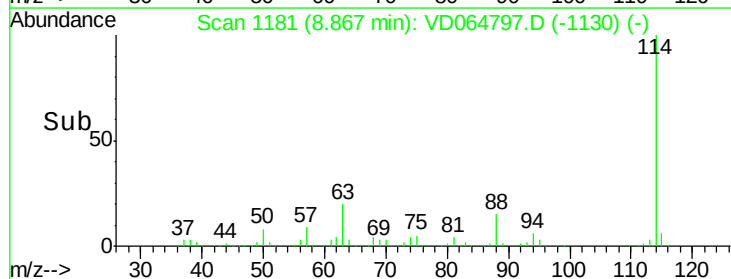
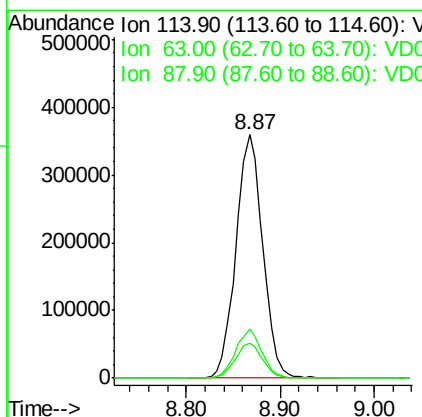
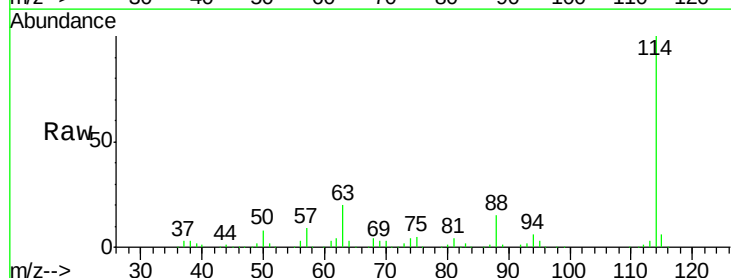
Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-010720

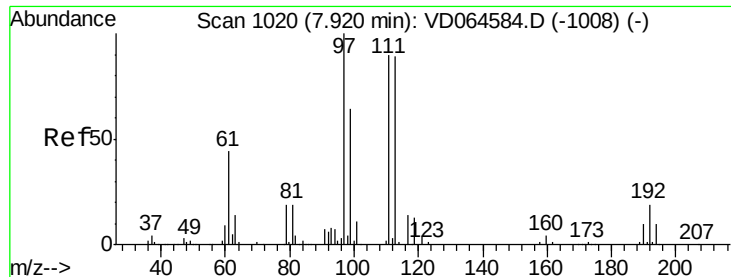
Tgt Ion: 65 Resp: 171277
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064797.D
 Acq: 07 Jan 2020 17:14

Tgt Ion: 114 Resp: 711944
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.0
 88 14.5 0.0 29.2

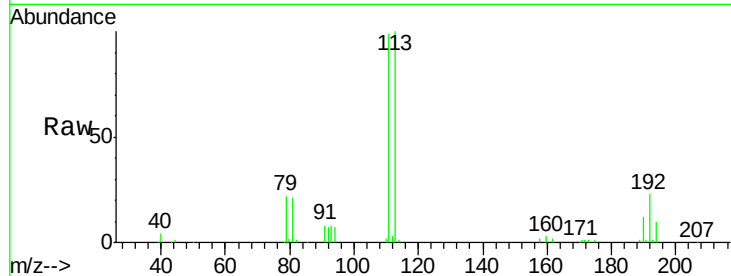




#35
Dibromofluoromethane
Concen: 46.919 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064797.D
Acq: 07 Jan 2020 17:14

Instrument :
MSVOA_D
ClientSampleId :
PL-01-010720

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	80.6	121.0
192	22.4	17.9	26.9

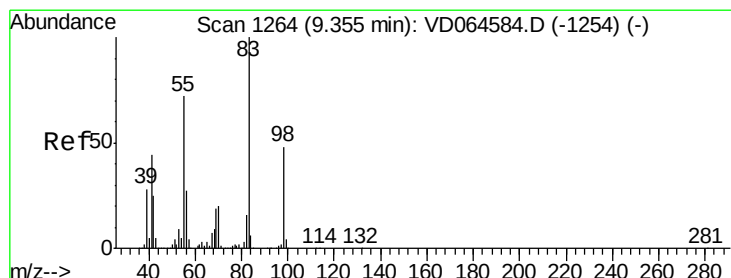
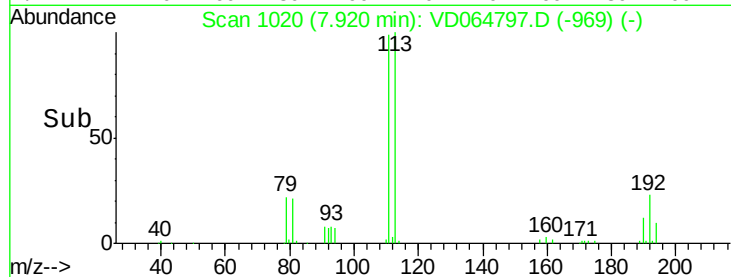
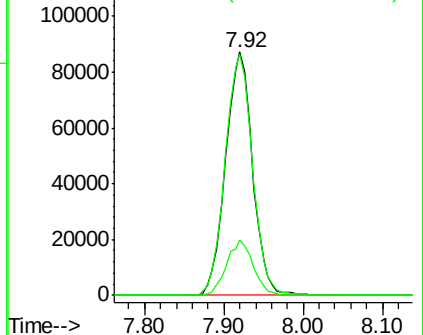


Abundance

Ion 112.80 (112.50 to 113.50): V

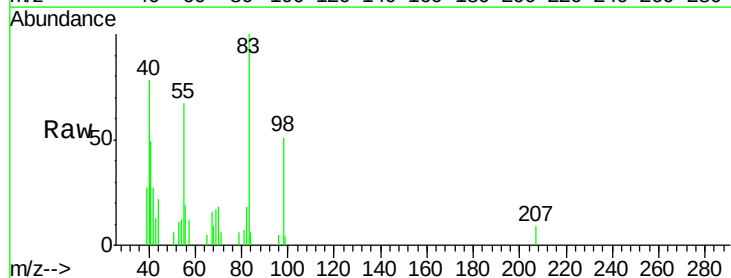
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#39
Methylcyclohexane
Concen: 1.043 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD064797.D
Acq: 07 Jan 2020 17:14

Tgt Ion	Ratio	Lower	Upper
83	100		
55	61.0	57.8	86.6
98	51.2	38.7	58.1

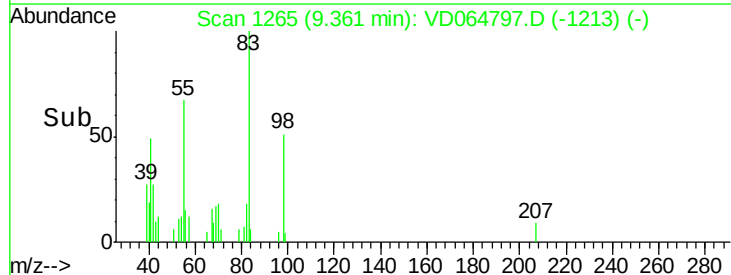
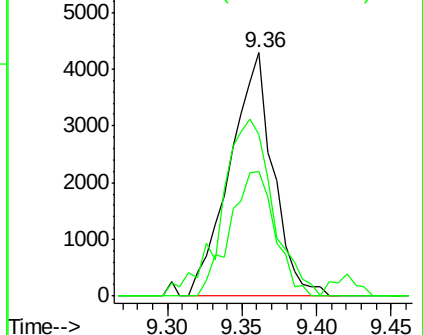


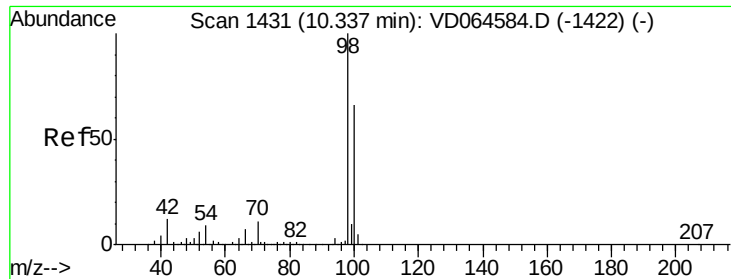
Abundance

Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V

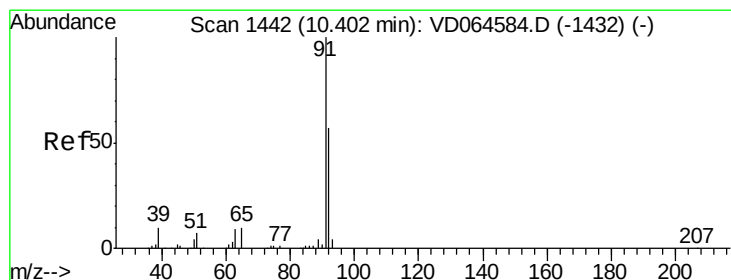
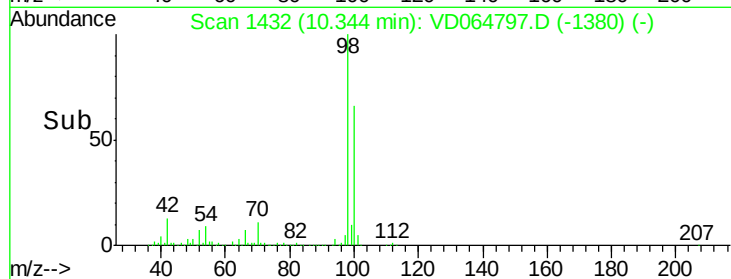
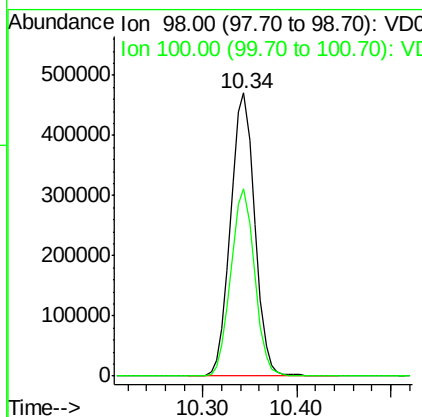
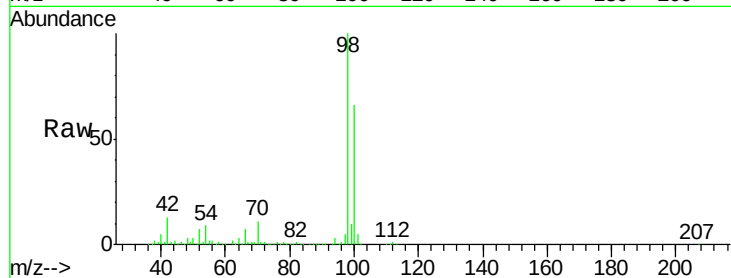




#50
Toluene-d8
Concen: 50.415 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064797.D
Acq: 07 Jan 2020 17:14

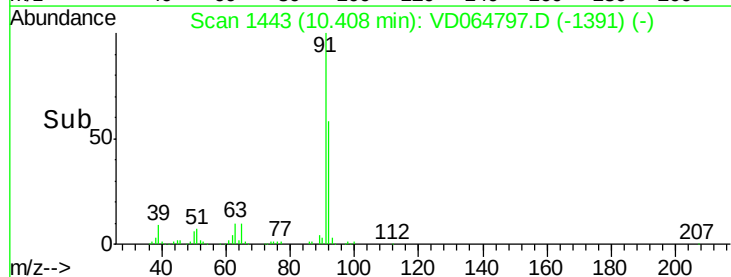
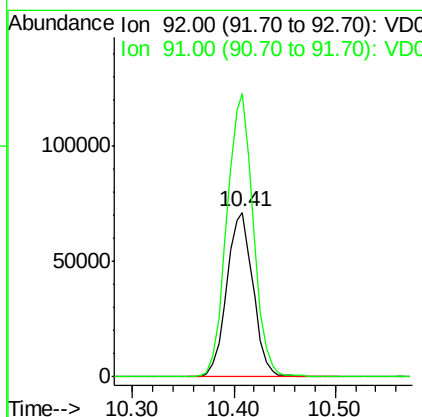
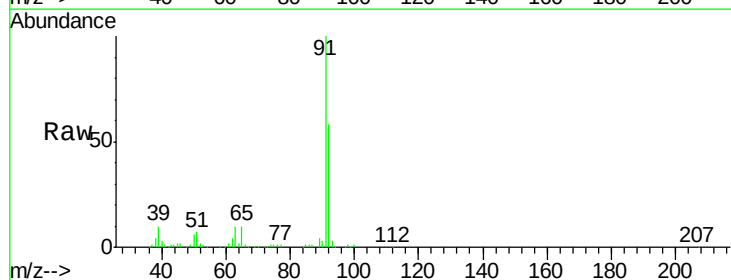
Instrument :
MSVOA_D
ClientSampleId :
PL-01-010720

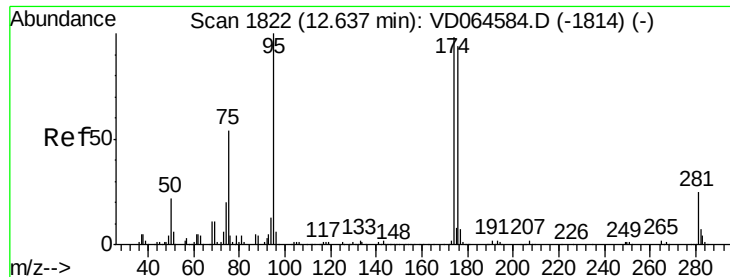
Tgt Ion: 98 Resp: 843378
Ion Ratio Lower Upper
98 100
100 65.4 51.7 77.5



#52
Toluene
Concen: 10.439 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.01 min
Lab File: VD064797.D
Acq: 07 Jan 2020 17:14

Tgt Ion: 92 Resp: 128118
Ion Ratio Lower Upper
92 100
91 172.3 138.7 208.1





#62

4-Bromofluorobenzene

Concen: 43.485 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064797.D

Acq: 07 Jan 2020 17:14

Instrument :

MSVOA_D

ClientSampleId :

PL-01-010720

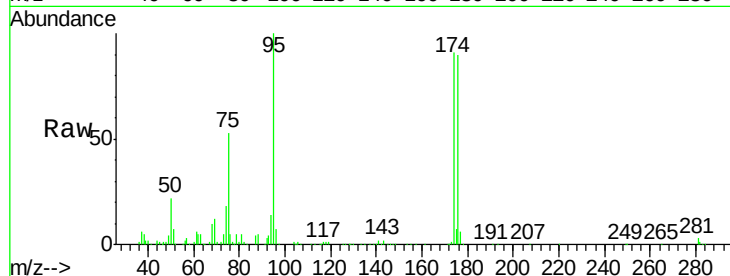
Tgt Ion: 95 Resp: 230025

Ion Ratio Lower Upper

95 100

174 92.7 0.0 193.2

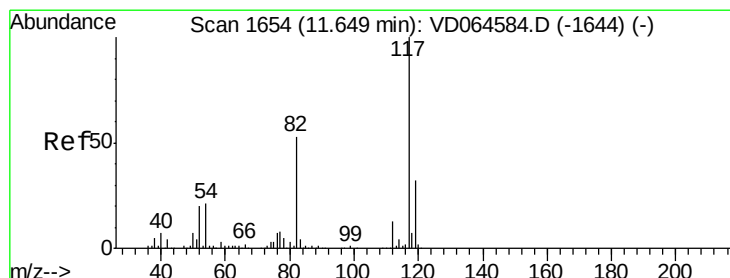
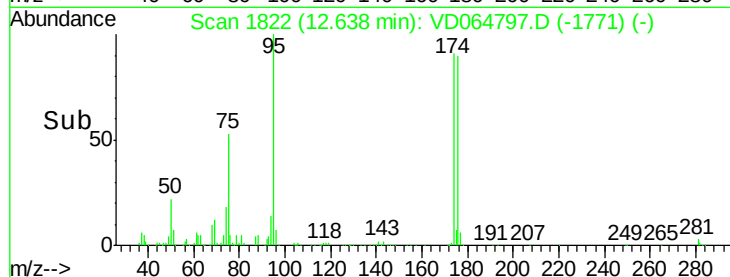
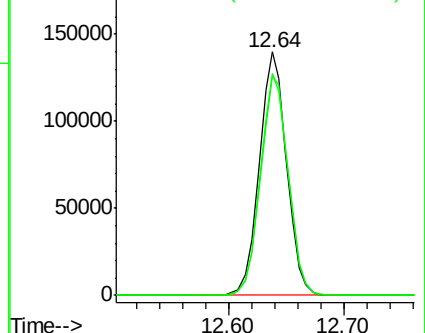
176 91.9 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064797.D

Acq: 07 Jan 2020 17:14

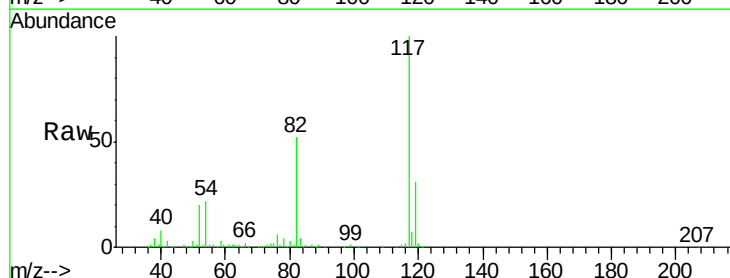
Tgt Ion: 117 Resp: 594196

Ion Ratio Lower Upper

117 100

82 52.4 42.2 63.4

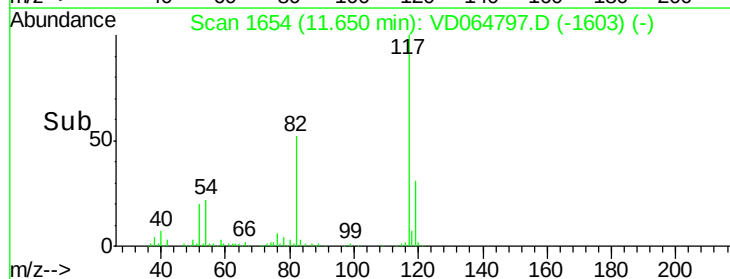
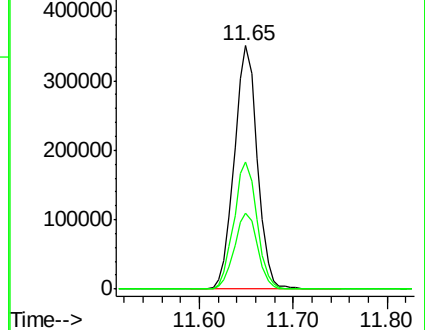
119 31.3 26.0 39.0

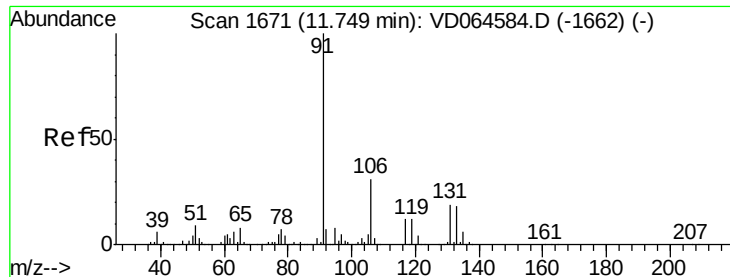


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

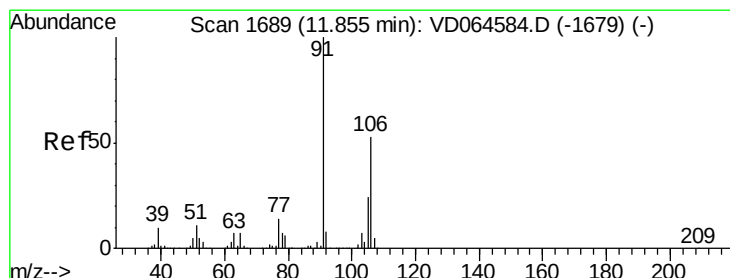
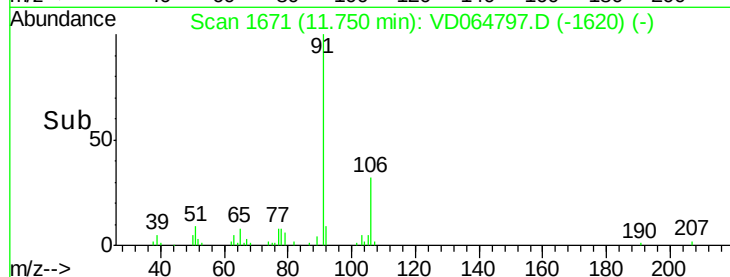
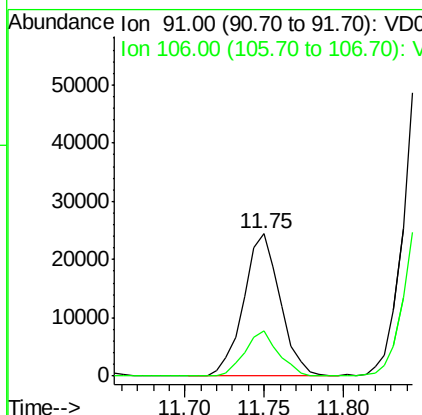
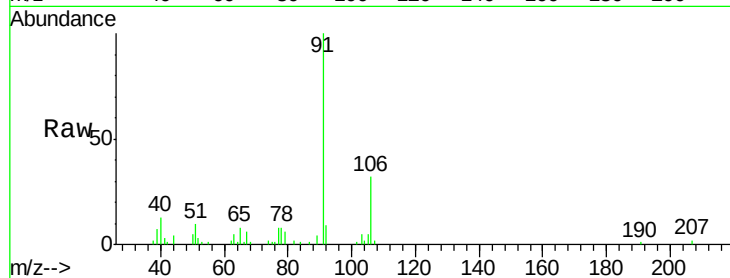




#67
Ethyl Benzene
Concen: 1.752 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD064797.D
Acq: 07 Jan 2020 17:14

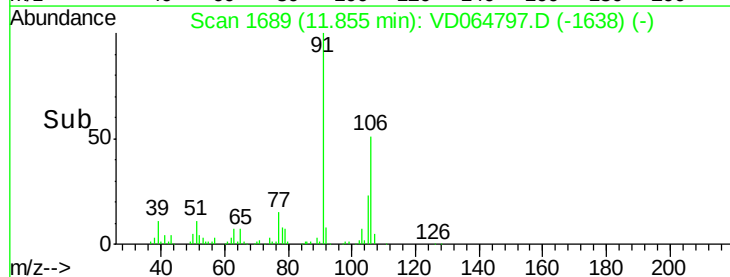
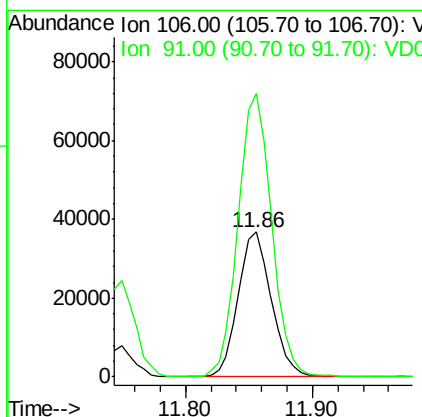
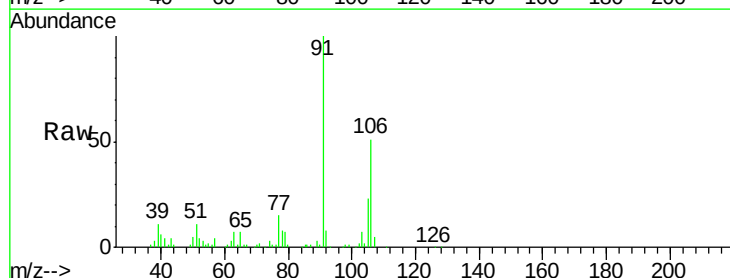
Instrument :
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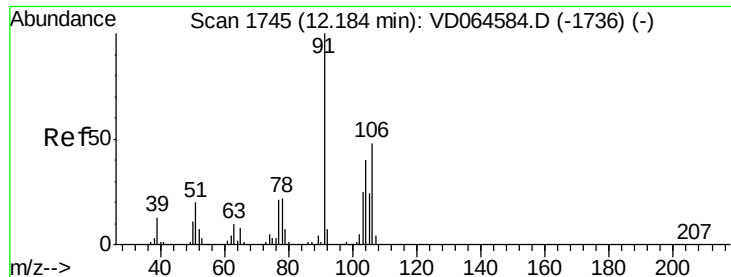
Tgt Ion: 91 Resp: 39227
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8



#68
m/p-Xylenes
Concen: 7.747 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD064797.D
Acq: 07 Jan 2020 17:14

Tgt Ion: 106 Resp: 66931
Ion Ratio Lower Upper
106 100
91 197.5 156.3 234.5

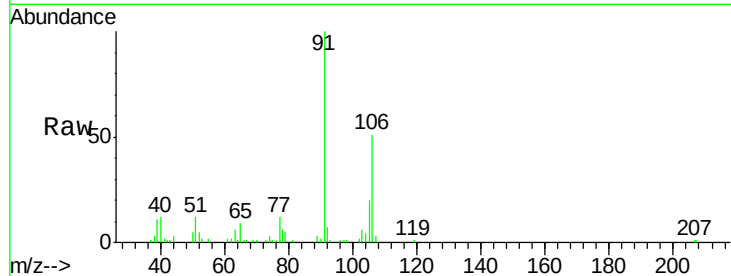




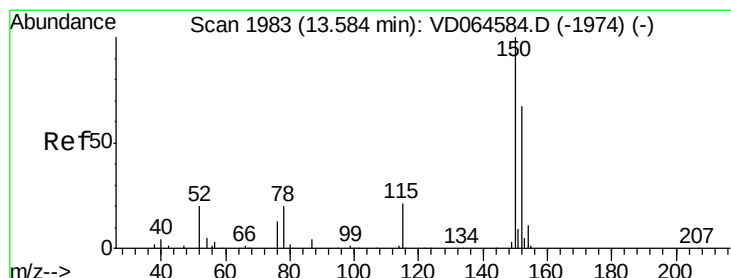
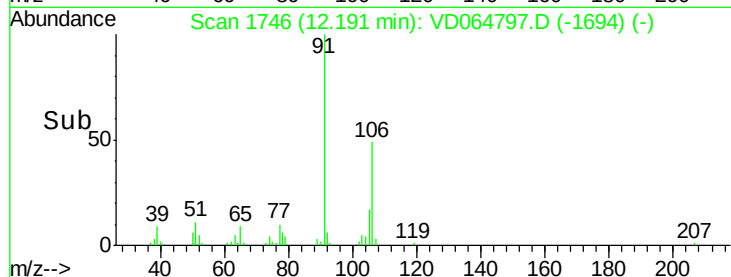
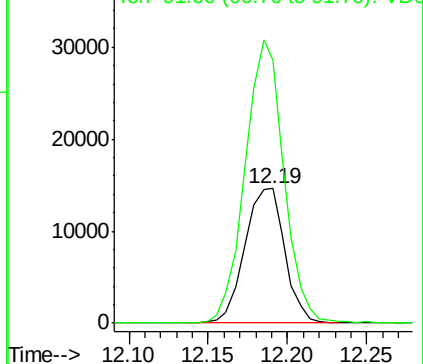
#69
o-Xylene
Concen: 3.279 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VD064797.D
Acq: 07 Jan 2020 17:14

Instrument :
MSVOA_D
ClientSampleId :
PL-01-010720

Tgt Ion:106 Resp: 25592
Ion Ratio Lower Upper
106 100
91 204.5 104.8 314.4

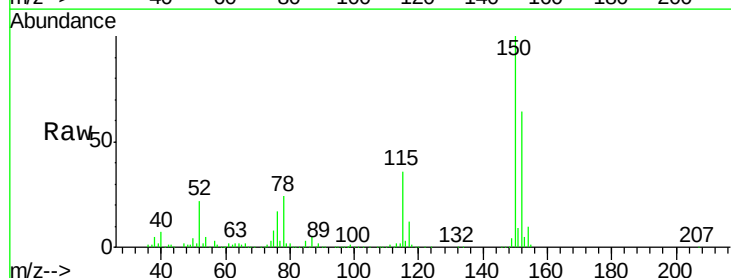


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

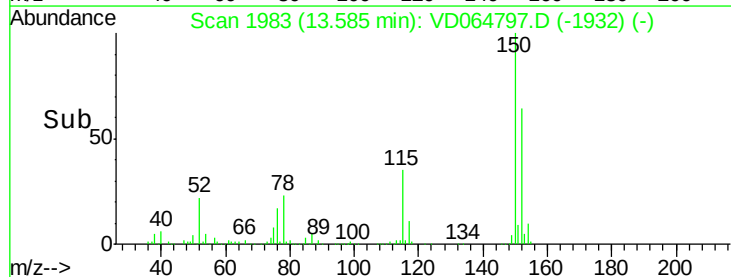
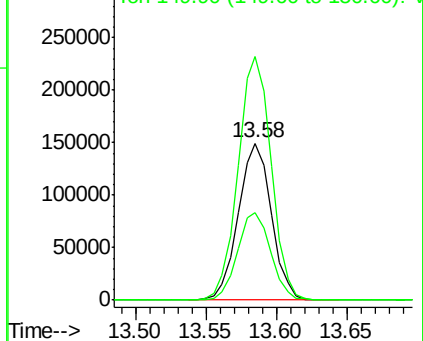


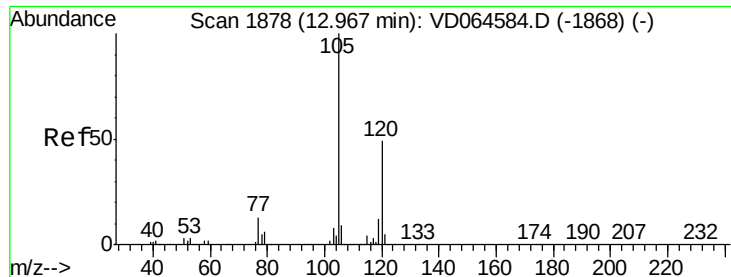
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064797.D
Acq: 07 Jan 2020 17:14

Tgt Ion:152 Resp: 243981
Ion Ratio Lower Upper
152 100
115 56.4 27.8 83.4
150 155.8 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

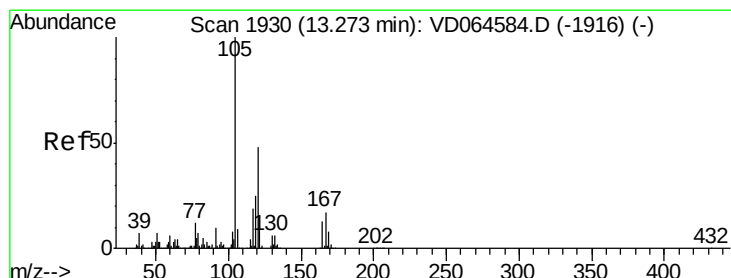
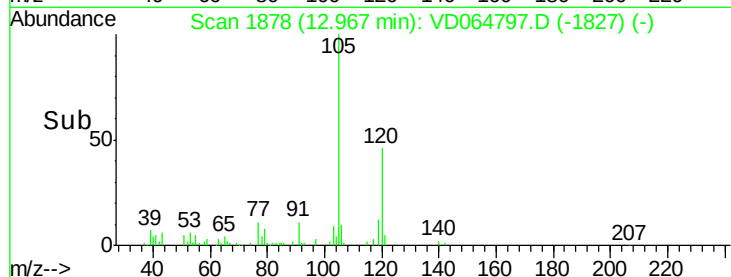
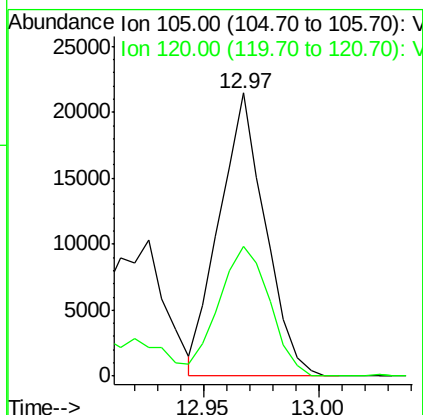
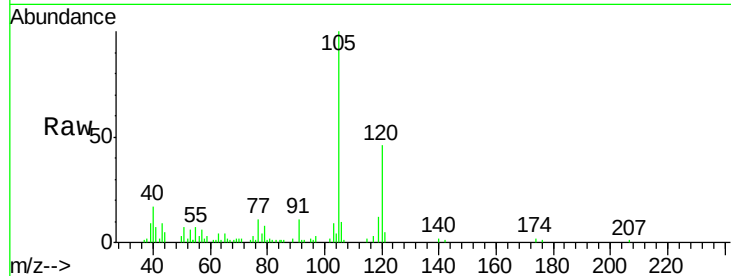




#80
 1,3,5-Trimethylbenzene
 Concen: 2.072 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD064797.D
 Acq: 07 Jan 2020 17:14

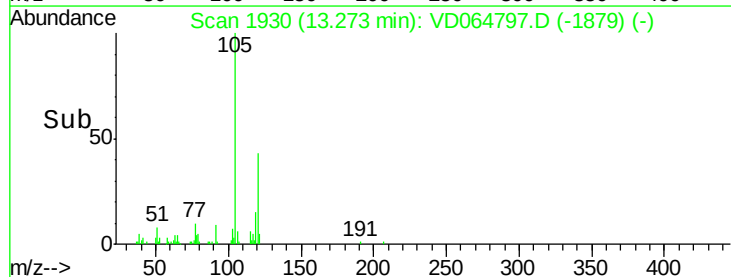
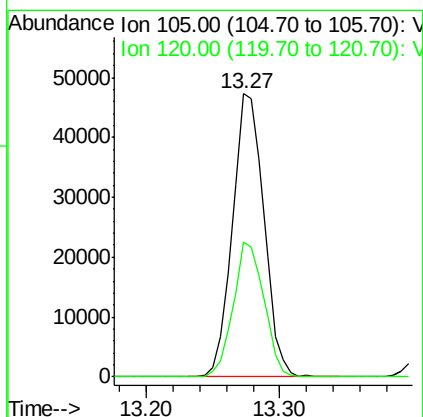
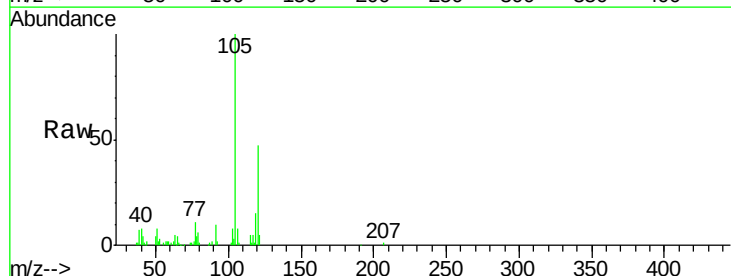
Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-010720

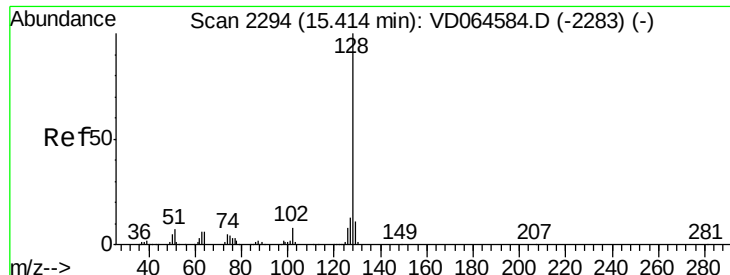
Tgt Ion:105 Resp: 29675
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.0 75.0



#84
 1,2,4-Trimethylbenzene
 Concen: 5.410 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD064797.D
 Acq: 07 Jan 2020 17:14

Tgt Ion:105 Resp: 77164
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.8 71.2





#95

Naphthalene

Concen: 13.545 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD064797.D

Acq: 07 Jan 2020 17:14

Instrument :

MSVOA_D

ClientSampleId :

PL-01-010720

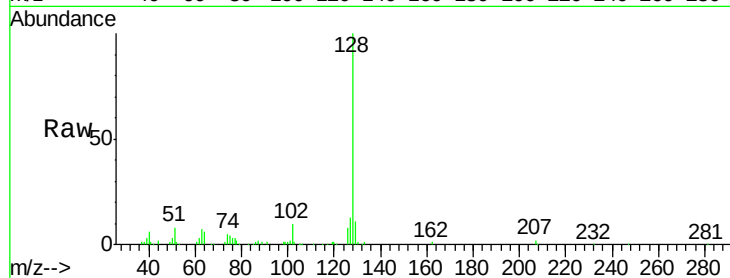
Tgt Ion:128 Resp: 109876

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.3 8.5 12.7



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

