

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112420\
 Data File : VD067773.D
 Acq On : 24 Nov 2020 17:37
 Operator : VA/SY
 Sample : L4858-02
 Misc : 5.74G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PHC-340EM-013

Quant Time: Nov 25 03:06:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	45420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	70489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	69736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	31322	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	40528	91.77	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	183.54%#	
35) Dibromofluoromethane		7.92	113	28833	64.27	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	128.54%	
50) Toluene-d8		10.34	98	75568	46.08	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.16%	
62) 4-Bromofluorobenzene		12.64	95	27039	48.23	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.46%	

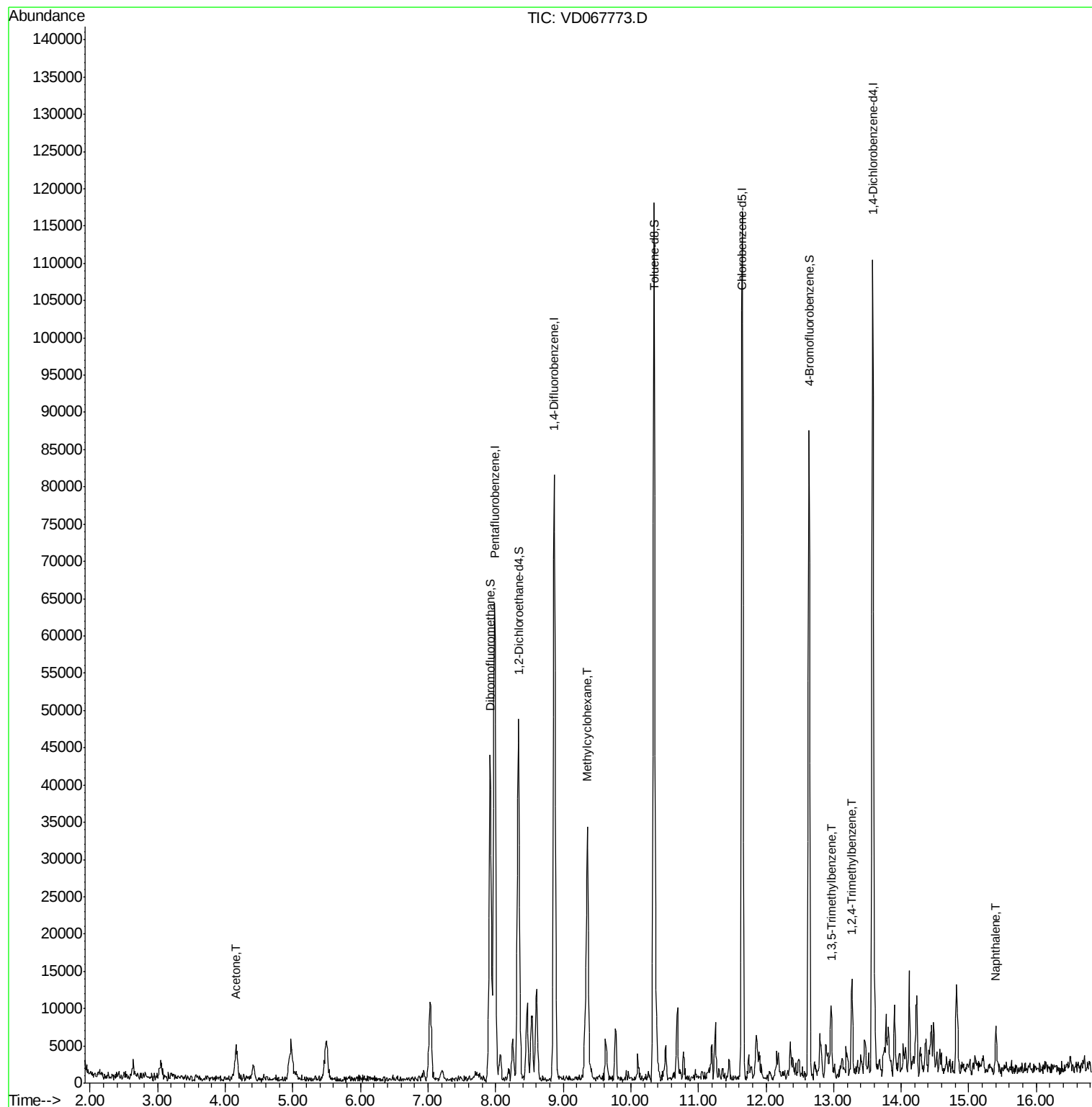
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	8542	149.722	ug/l #	78
39) Methylcyclohexane	9.36	83	14779	20.646	ug/l #	89
80) 1,3,5-Trimethylbenzene	12.97	105	3036	1.694	ug/l	76
84) 1,2,4-Trimethylbenzene	13.27	105	7475	4.175	ug/l	96
95) Naphthalene	15.40	128	5980	6.068	ug/l	98

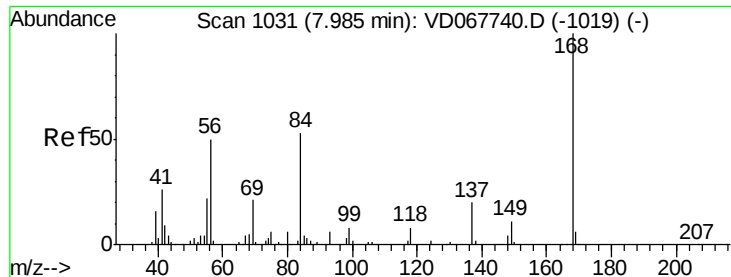
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067773.D

Acq: 24 Nov 2020 17:37

Instrument :

MSVOA_D

ClientSampleId :

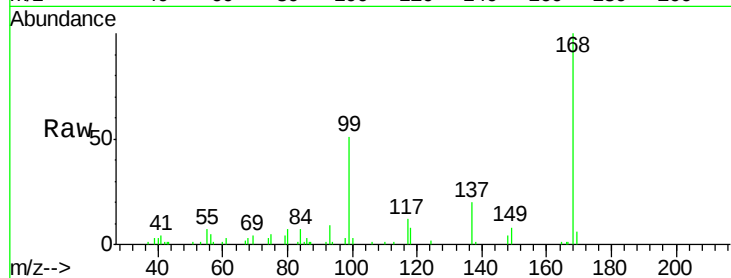
PHC-340EM-013

Tot Ion:168 Resp: 45420

Ion Ratio Lower Upper

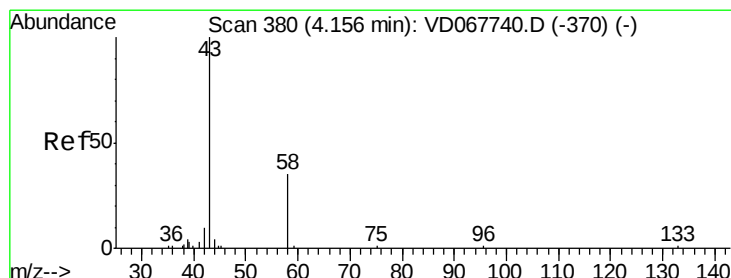
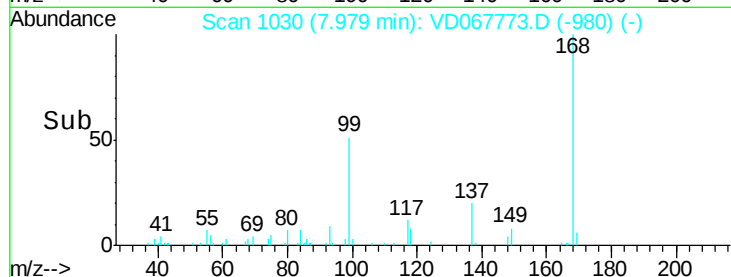
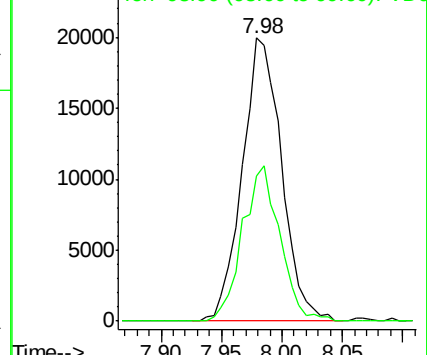
168 100

99 51.2 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 149.722 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067773.D

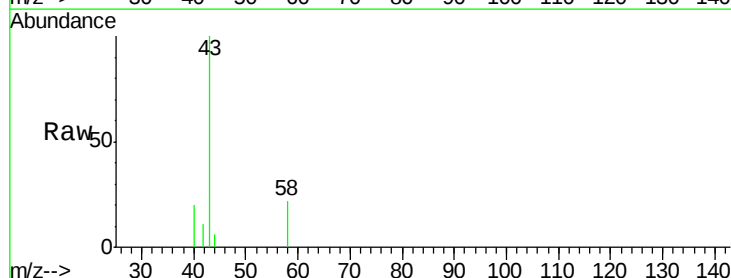
Acq: 24 Nov 2020 17:37

Tgt Ion: 43 Resp: 8542

Ion Ratio Lower Upper

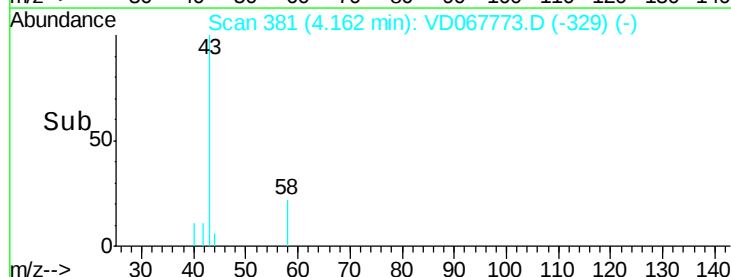
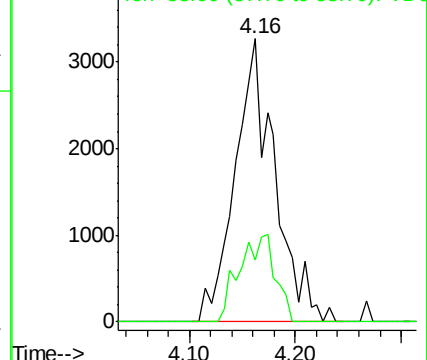
43 100

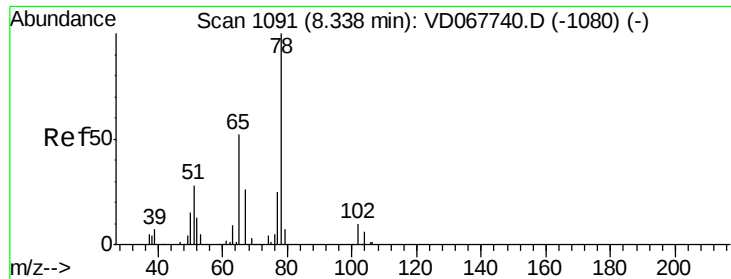
58 21.8 27.6 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

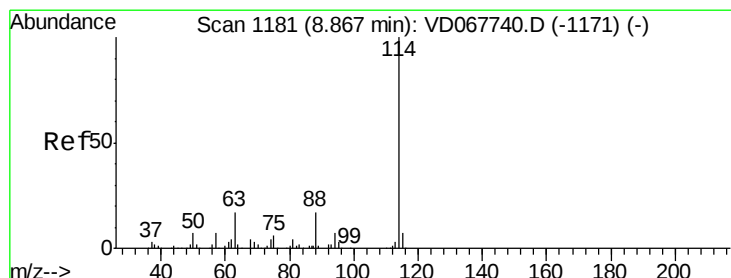
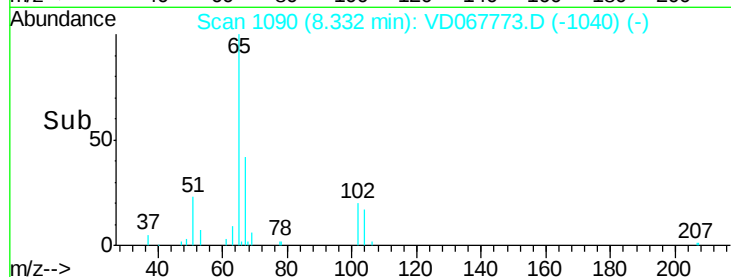
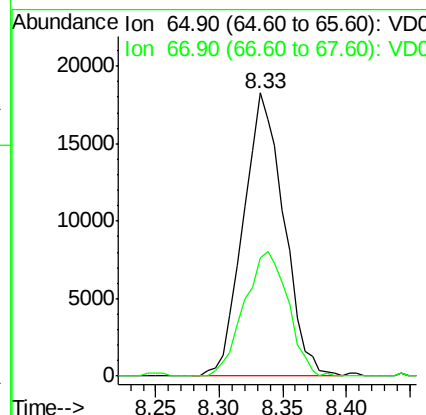
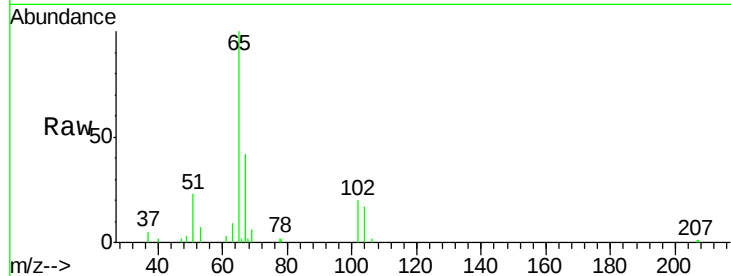




#33
 1,2-Dichloroethane-d4
 Concen: 91.770 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067773.D
 Acq: 24 Nov 2020 17:37

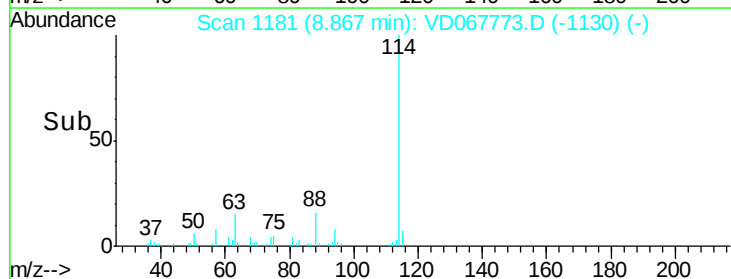
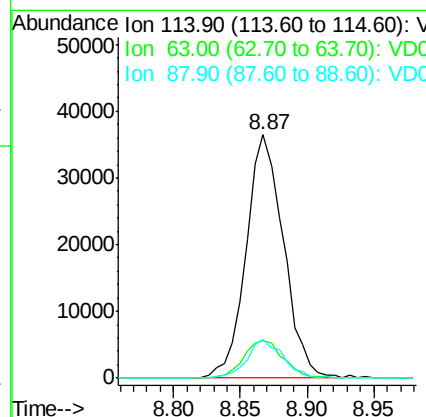
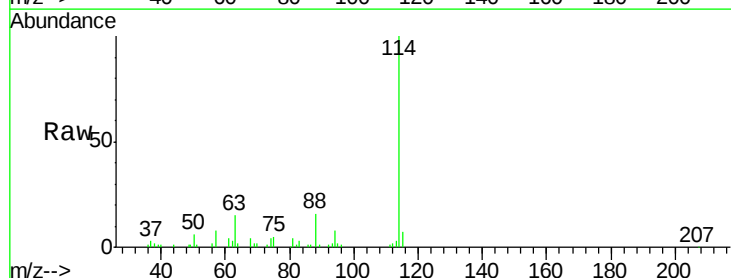
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 ClientSampleId :
 PHC-340EM-013

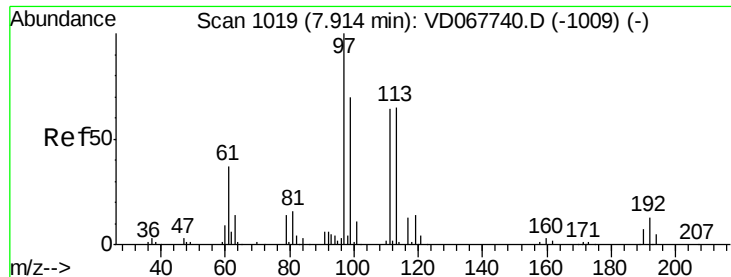
Tot Ion: 65 Resp: 40528
 Ion Ratio Lower Upper
 65 100
 67 47.2 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067773.D
 Acq: 24 Nov 2020 17:37

Tgt Ion: 114 Resp: 70489
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 34.8
 88 16.0 0.0 34.4

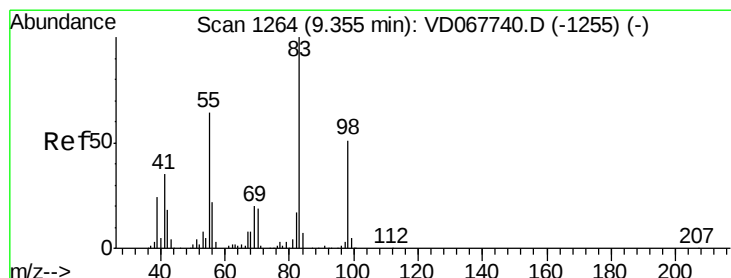
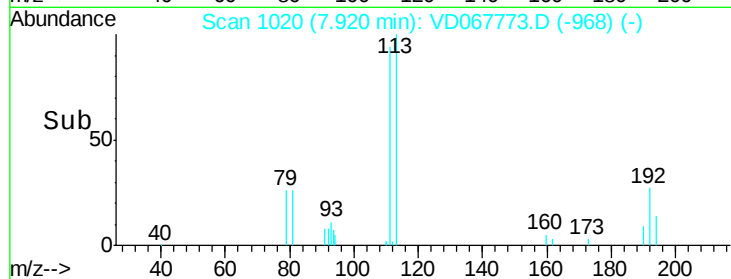
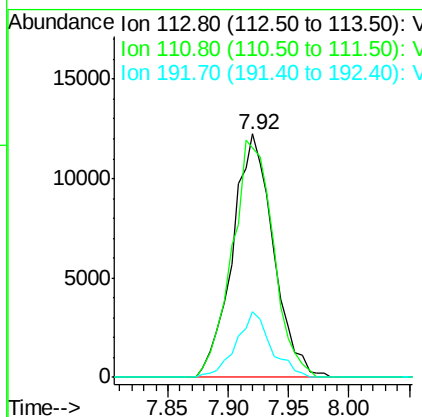
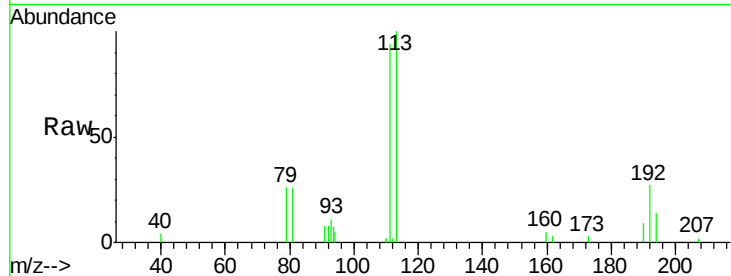




#35
Dibromofluoromethane
Concen: 64.275 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067773.D
Acq: 24 Nov 2020 17:37

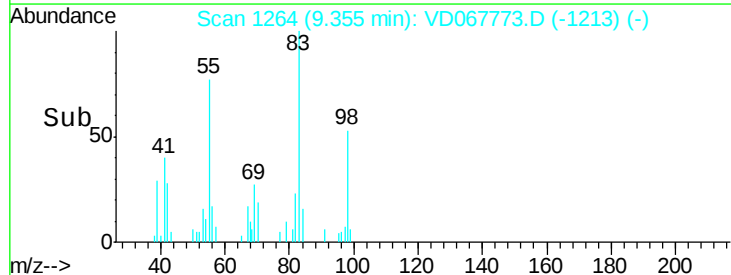
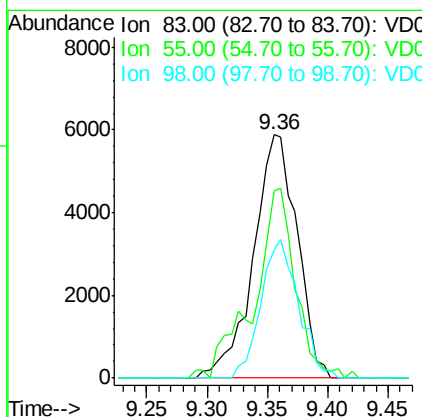
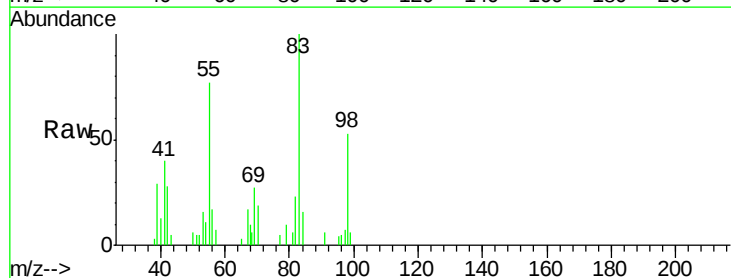
Instrument :
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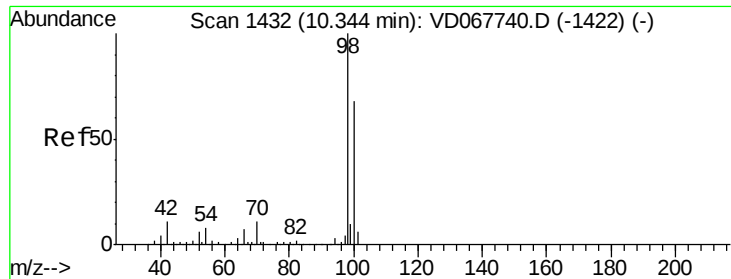
Tot Ion:113 Resp: 28833
Ion Ratio Lower Upper
113 100
111 98.4 81.4 122.0
192 23.2 17.0 25.4



#39
Methylcyclohexane
Concen: 20.646 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067773.D
Acq: 24 Nov 2020 17:37

Tgt Ion: 83 Resp: 14779
Ion Ratio Lower Upper
83 100
55 77.2 51.0 76.4#
98 52.6 40.4 60.6

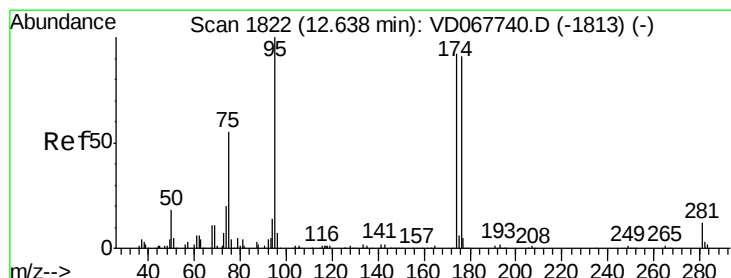
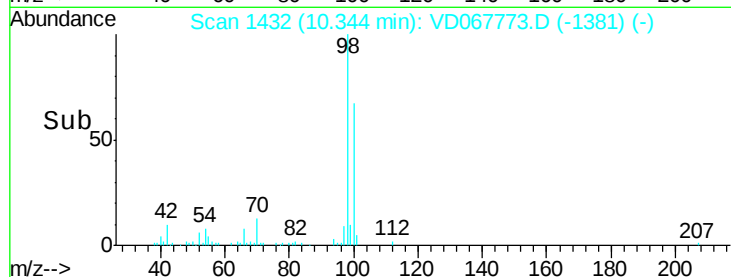
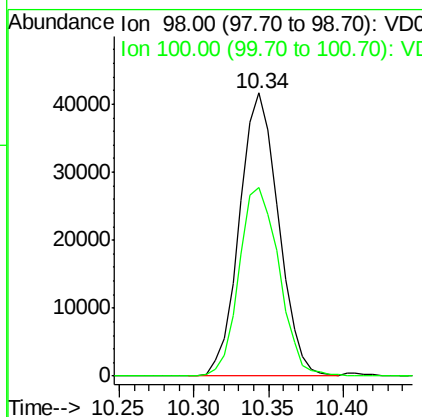
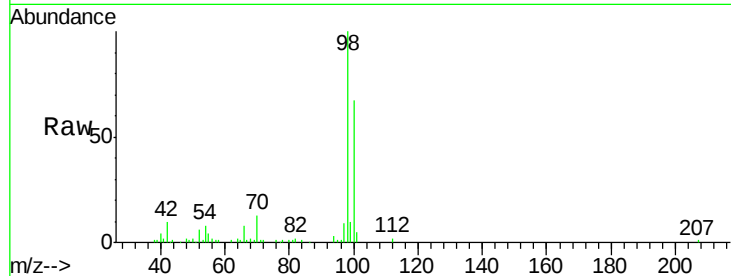




#50
Toluene-d8
Concen: 46.076 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067773.D
Acq: 24 Nov 2020 17:37

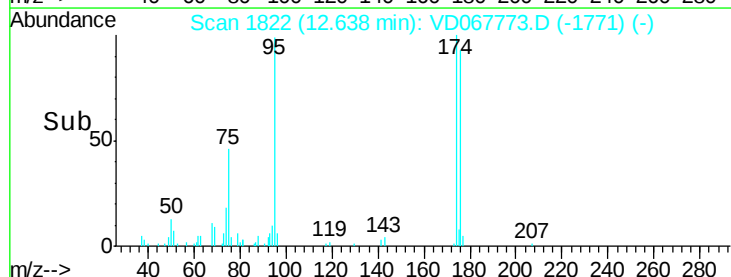
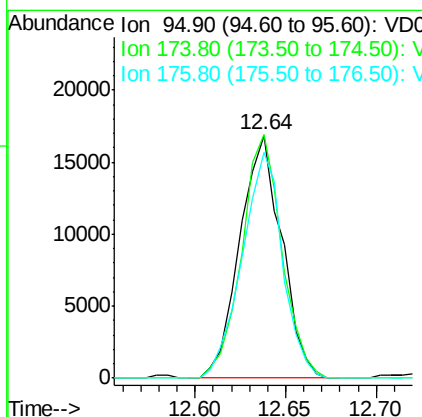
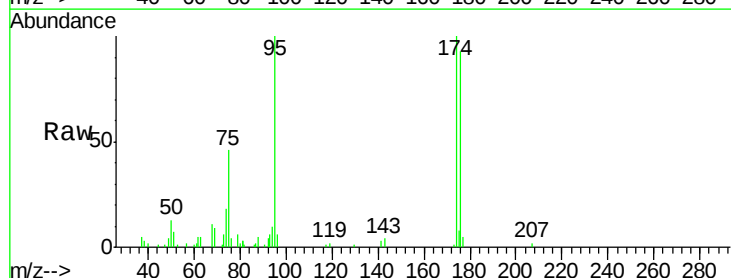
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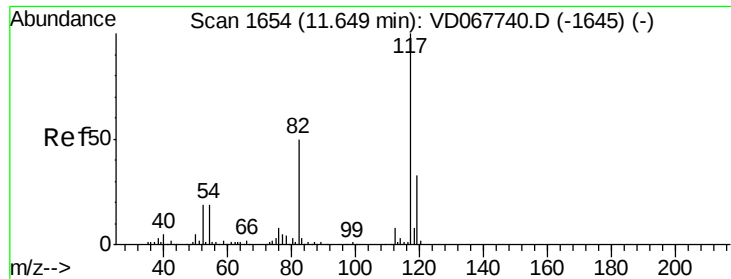
Tot Ion: 98 Resp: 75568
Ion Ratio Lower Upper
98 100
100 68.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.233 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067773.D
Acq: 24 Nov 2020 17:37

Tgt Ion: 95 Resp: 27039
Ion Ratio Lower Upper
95 100
174 96.1 0.0 182.4
176 90.0 0.0 178.2

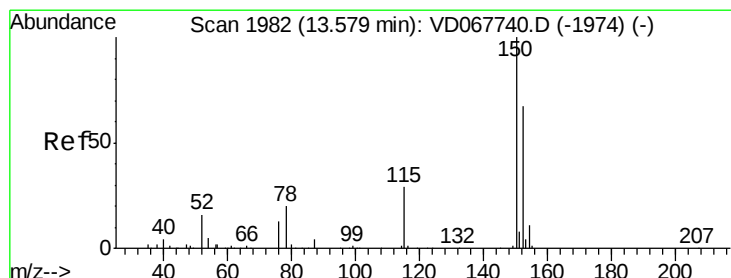
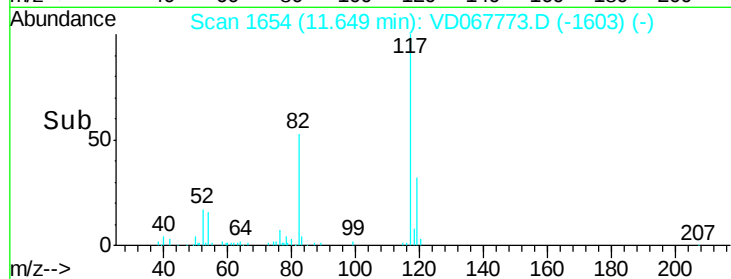
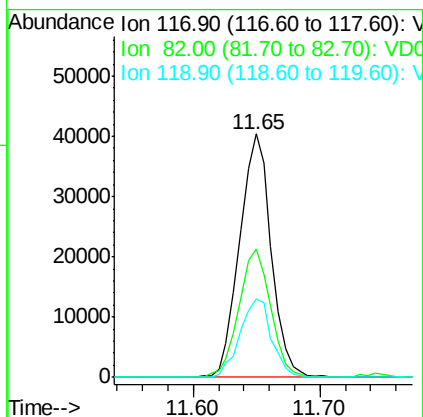
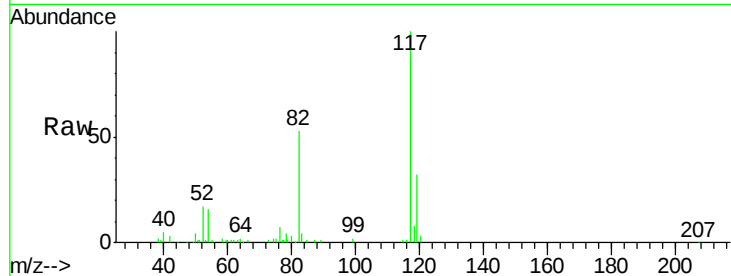




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067773.D
Acq: 24 Nov 2020 17:37

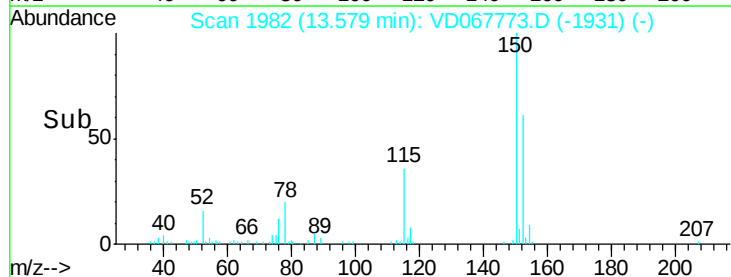
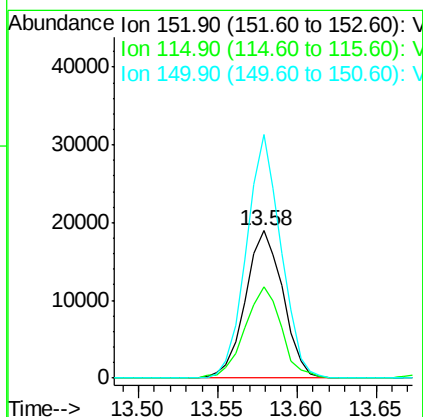
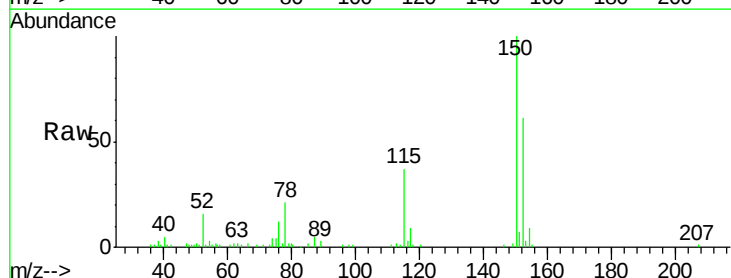
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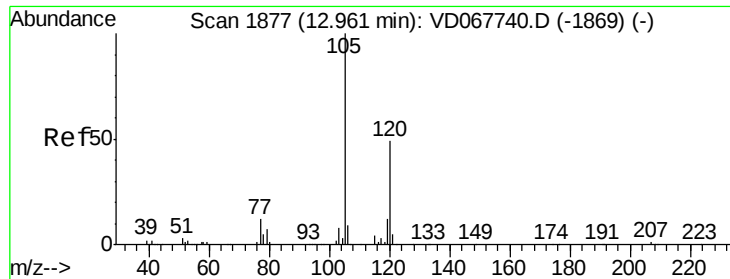
Tot Ion:117 Resp: 69736
Ion Ratio Lower Upper
117 100
82 52.7 40.2 60.4
119 32.1 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067773.D
Acq: 24 Nov 2020 17:37

Tgt Ion:152 Resp: 31322
Ion Ratio Lower Upper
152 100
115 60.2 29.4 88.3
150 151.0 0.0 340.6

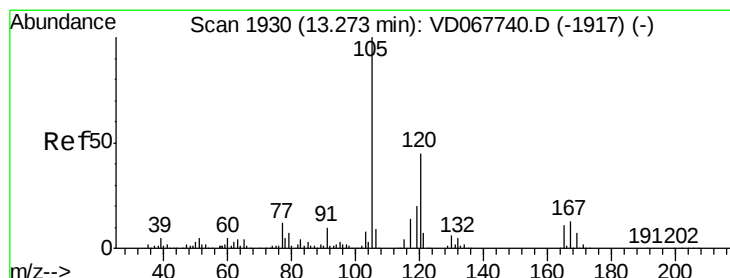
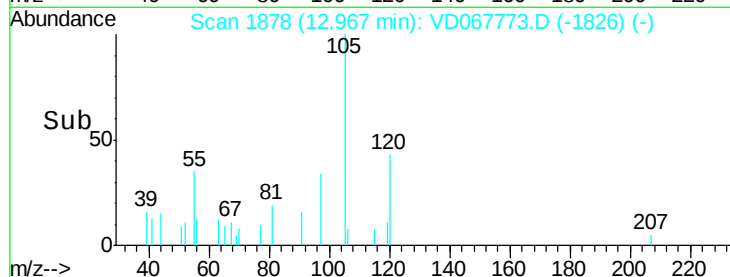
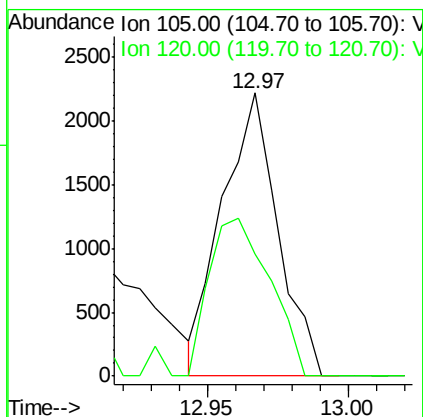
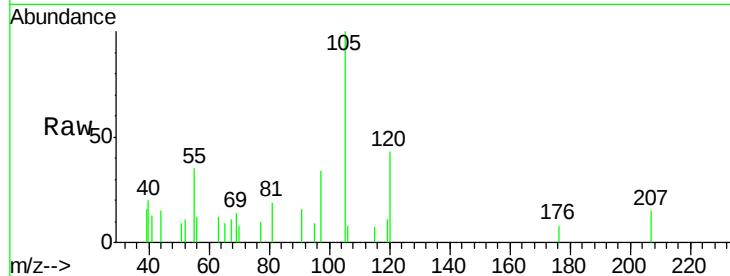




#80
 1,3,5-Trimethylbenzene
 Concen: 1.694 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: VD067773.D
 Acq: 24 Nov 2020 17:37

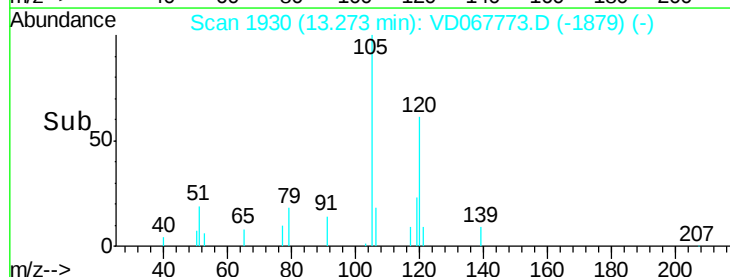
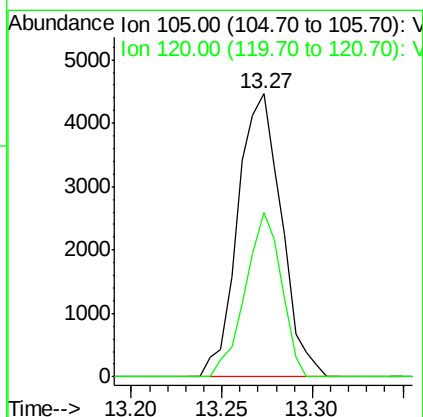
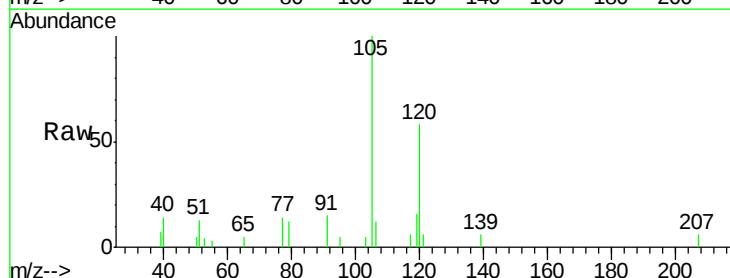
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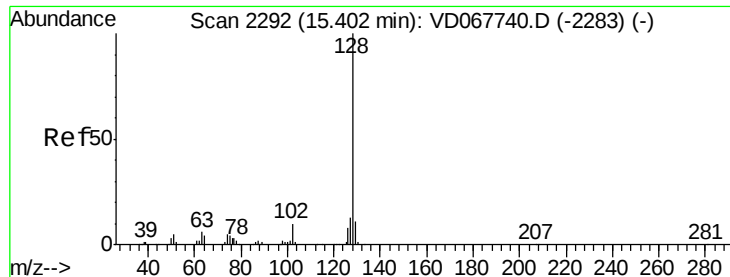
Tot Ion:105 Resp: 3036
 Ion Ratio Lower Upper
 105 100
 120 63.8 23.9 71.7



#84
 1,2,4-Trimethylbenzene
 Concen: 4.175 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067773.D
 Acq: 24 Nov 2020 17:37

Tgt Ion:105 Resp: 7475
 Ion Ratio Lower Upper
 105 100
 120 48.0 22.6 67.7





#95

Naphthalene

Concen: 6.068 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VD067773.D

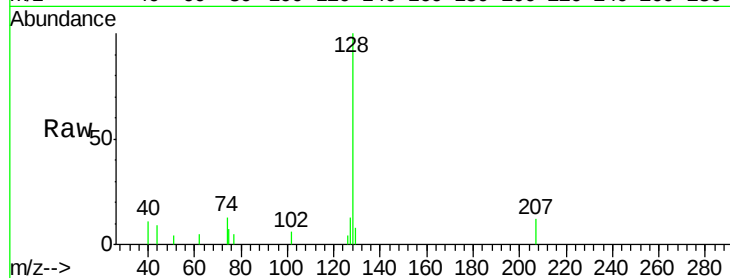
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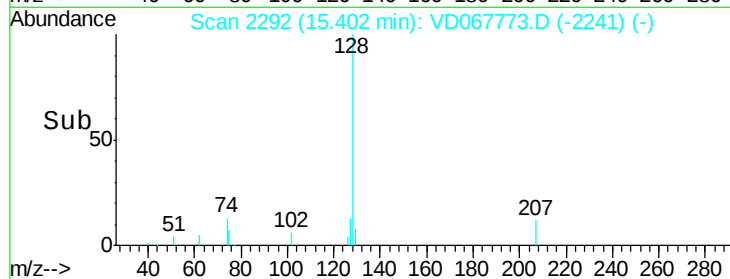
Tot Ion:128 Resp: 5980

Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

129 12.1 8.6 12.8



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

