

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066674.D
 Acq On : 14 Sep 2020 15:38
 Operator : VA/SY
 Sample : L3928-08
 Misc : 6.34G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7-16.0-16.5

Quant Time: Sep 15 02:29:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	581097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	1009663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	972635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	443900	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	301243	42.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.70%	
35) Dibromofluoromethane	7.91	113	316129	46.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.82%	
50) Toluene-d8	10.34	98	1227882	50.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.63	95	444597	55.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.16%	

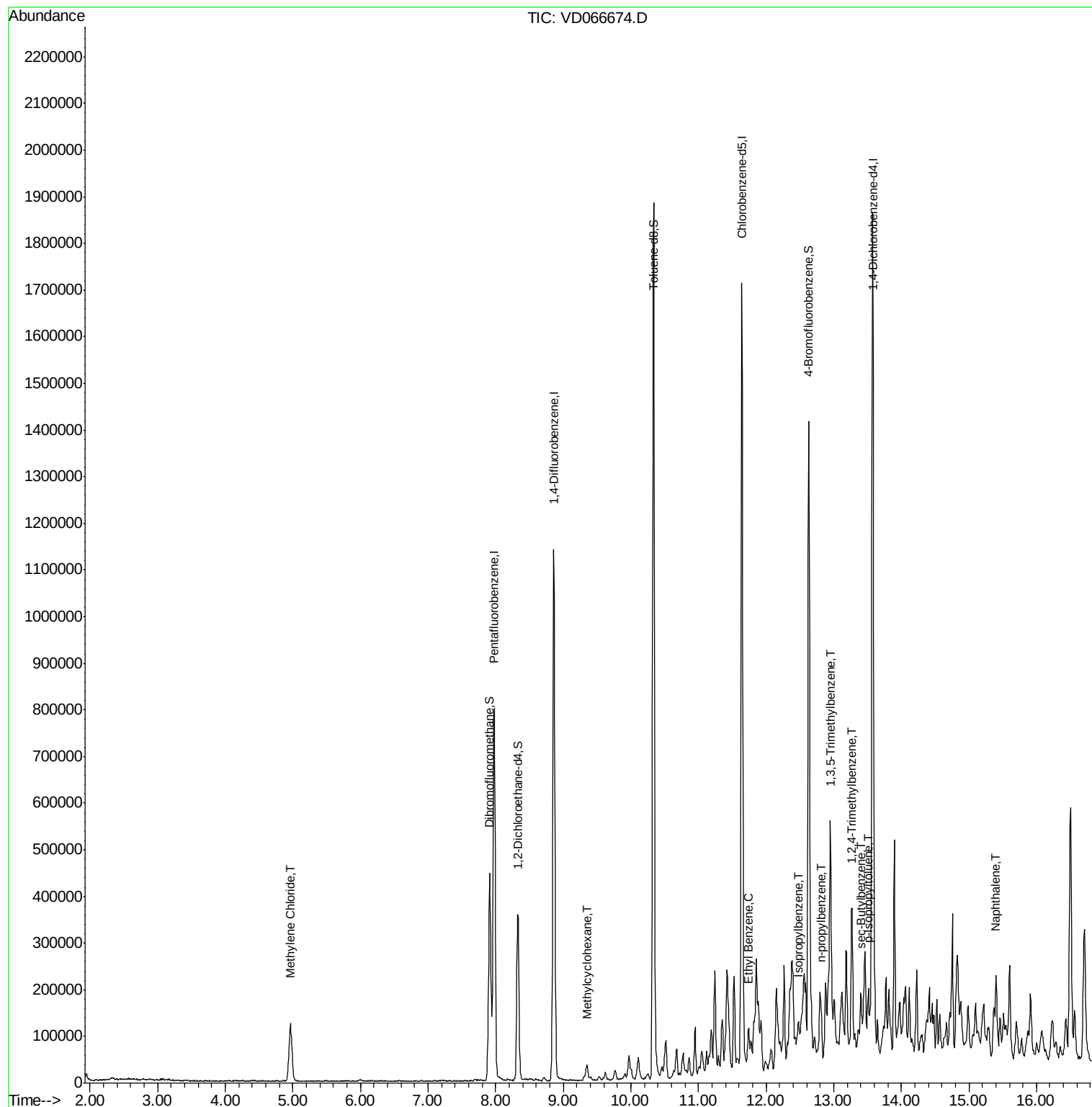
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.97	84	97034	8.235	ug/l	88
39) Methylcyclohexane	9.35	83	12472	1.063	ug/l #	61
67) Ethyl Benzene	11.74	91	40965	1.111	ug/l	94
73) Isopropylbenzene	12.48	105	35238	1.072	ug/l	98
78) n-propylbenzene	12.82	91	51062	1.282	ug/l	94
80) 1,3,5-Trimethylbenzene	12.96	105	40867	1.477	ug/l	87
84) 1,2,4-Trimethylbenzene	13.27	105	180446	6.552	ug/l	98
85) sec-Butylbenzene	13.40	105	51167	1.572	ug/l	92
86) p-Isopropyltoluene	13.52	119	29769	1.016	ug/l	97
95) Naphthalene	15.40	128	138580	10.393	ug/l	99

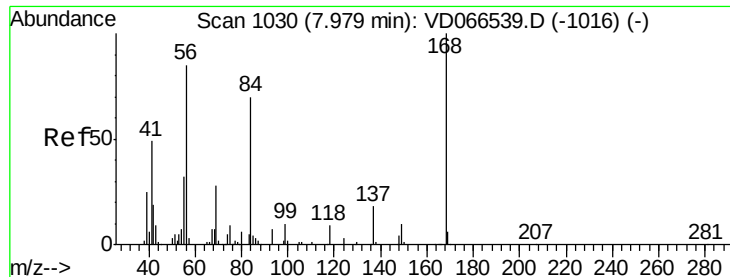
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091420\
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SB-7-16.0-16.5

Quant Time: Sep 15 02:29:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066674.D

Acq: 14 Sep 2020 15:38

Instrument :

MSVOA_D

ClientSampleId :

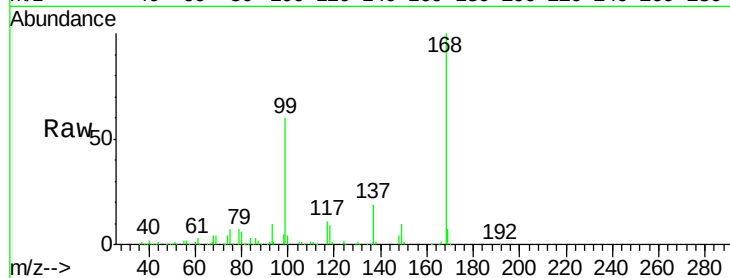
SB-7-16.0-16.5

Tot Ion:168 Resp: 581097

Ion Ratio Lower Upper

168 100

99 59.9 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

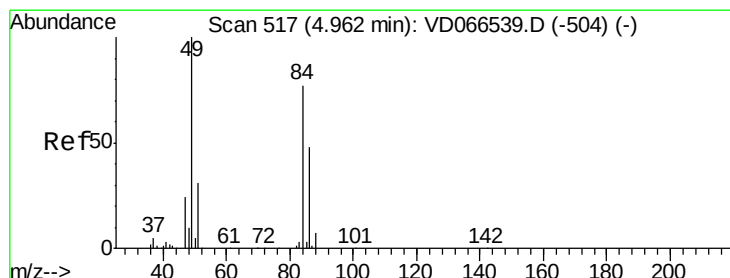
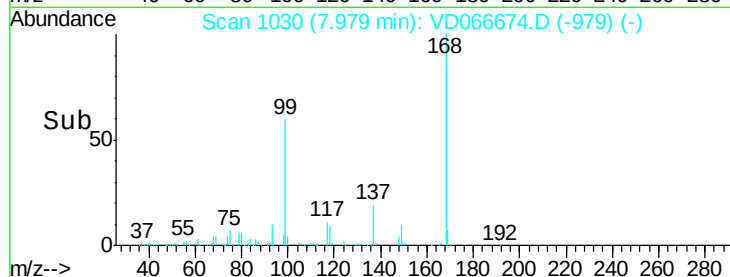
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 8.235 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD066674.D

Acq: 14 Sep 2020 15:38

Tgt Ion: 84 Resp: 97034

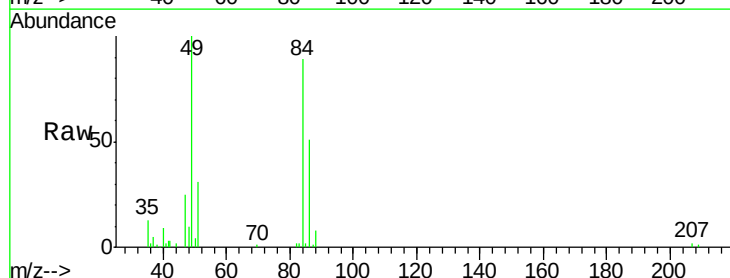
Ion Ratio Lower Upper

84 100

49 112.9 104.3 156.5

51 34.8 32.2 48.4

86 57.7 50.0 75.0



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

4.97

50000

40000

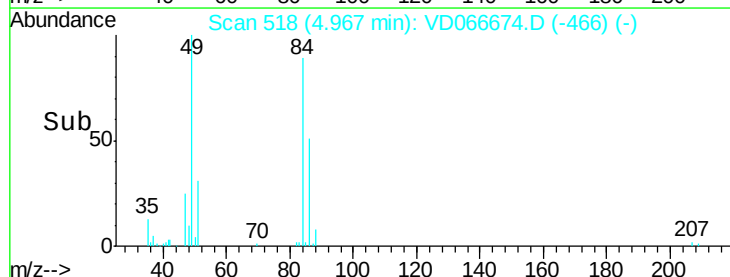
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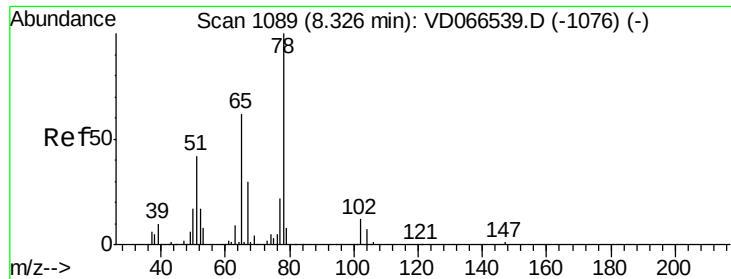
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Time-->

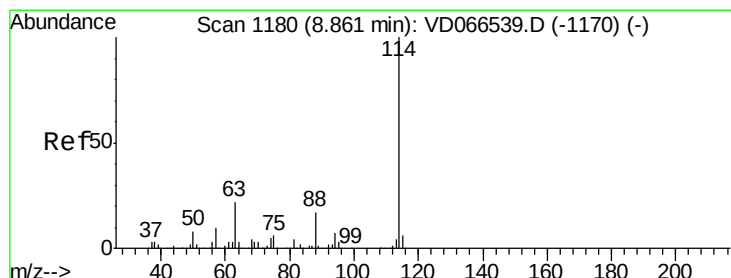
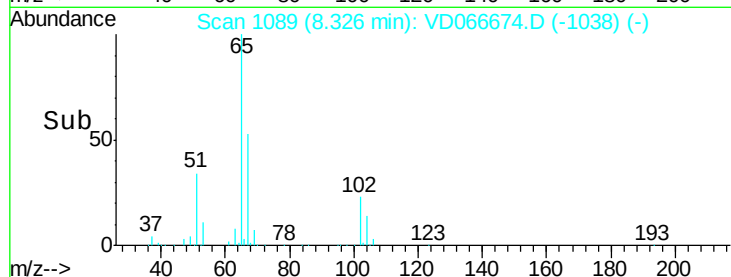
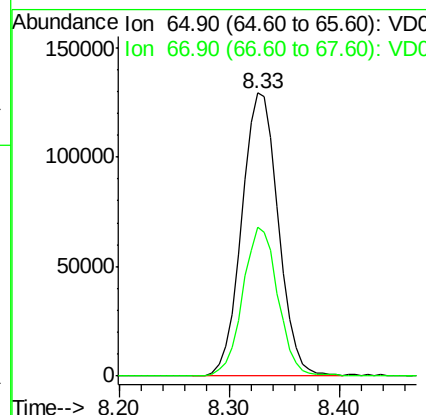
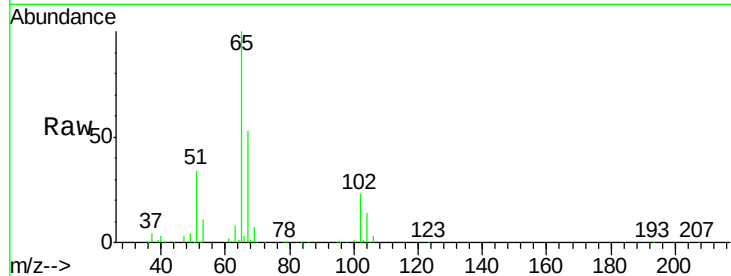




#33
 1,2-Dichloroethane-d4
 Concen: 42.847 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066674.D
 Acq: 14 Sep 2020 15:38

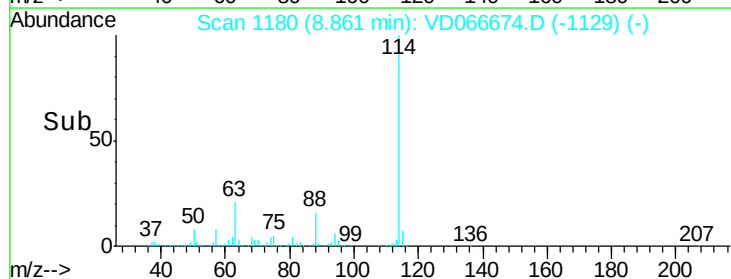
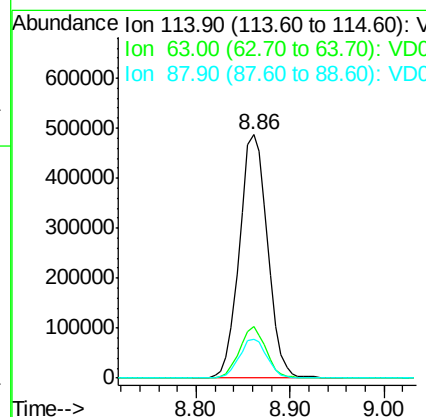
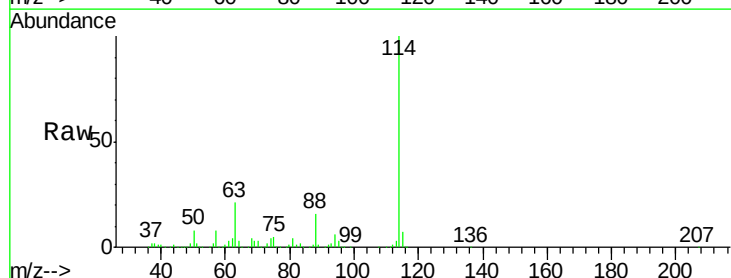
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7-16.0-16.5

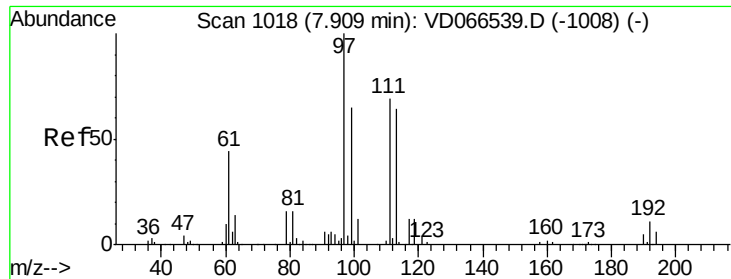
Tot Ion: 65 Resp: 301243
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066674.D
 Acq: 14 Sep 2020 15:38

Tgt Ion: 114 Resp: 1009663
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.2
 88 15.8 0.0 33.2

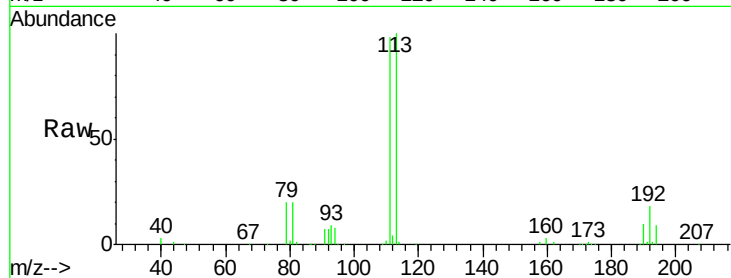




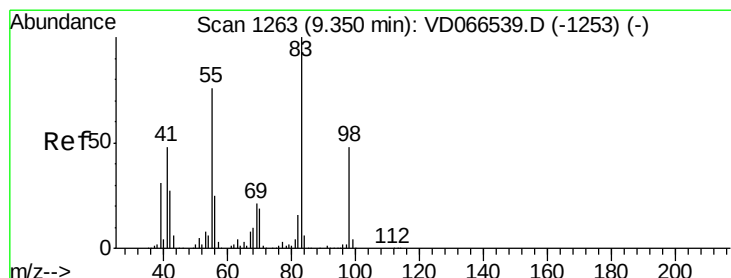
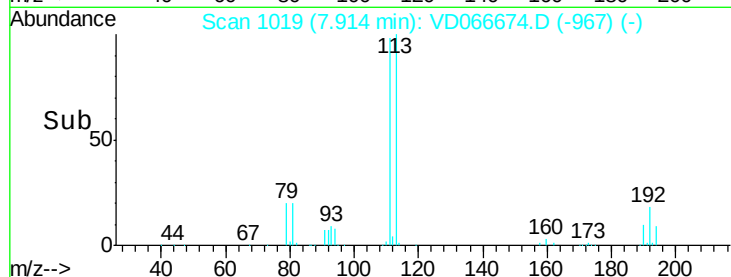
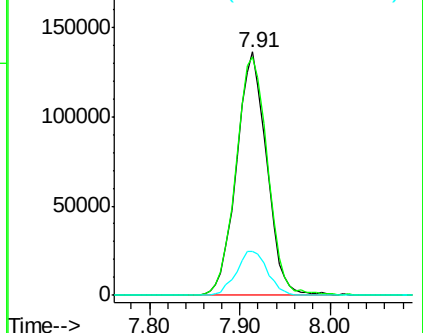
#35
Dibromofluoromethane
Concen: 46.413 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066674.D
Acq: 14 Sep 2020 15:38

Instrument :
MSVOA_D
ClientSampleId :
SB-7-16.0-16.5

Tot Ion:113 Resp: 316129
Ion Ratio Lower Upper
113 100
111 102.9 83.2 124.8
192 18.8 13.7 20.5

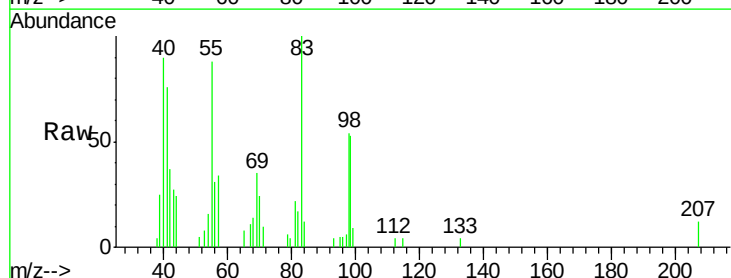


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

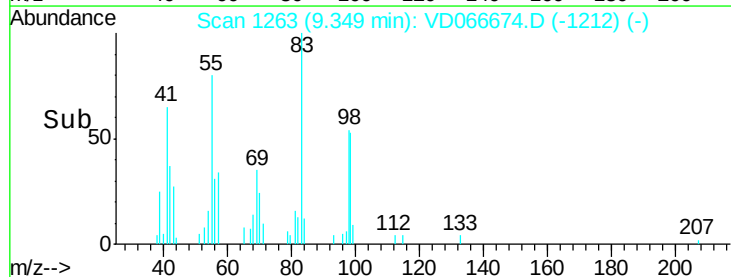
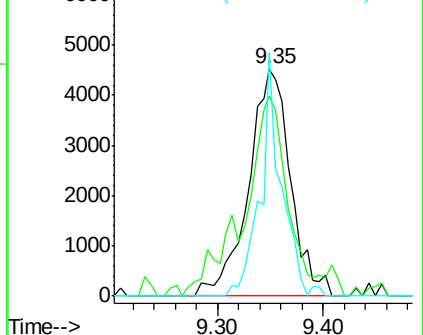


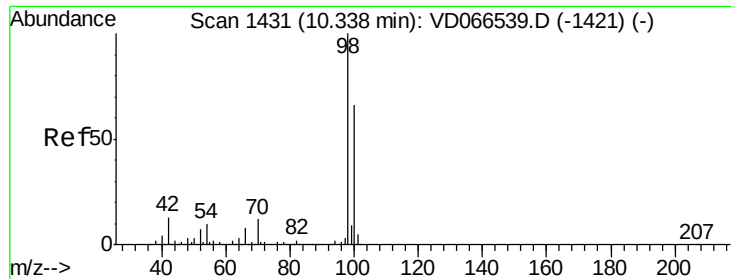
#39
Methylcyclohexane
Concen: 1.063 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066674.D
Acq: 14 Sep 2020 15:38

Tgt Ion: 83 Resp: 12472
Ion Ratio Lower Upper
83 100
55 84.0 60.8 91.2
98 107.0 38.6 58.0#



Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

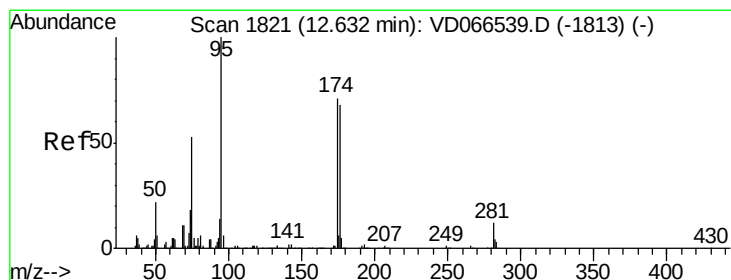
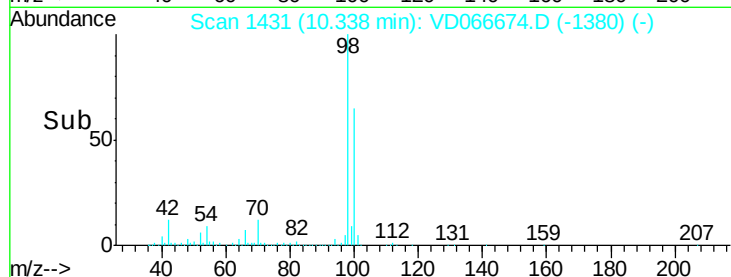
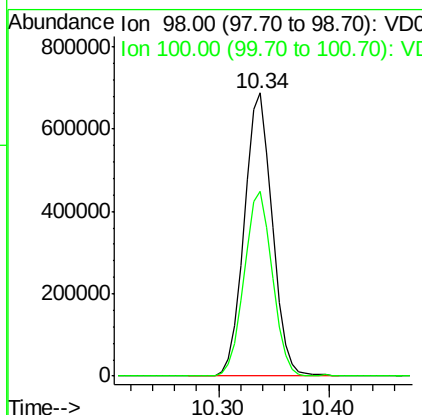
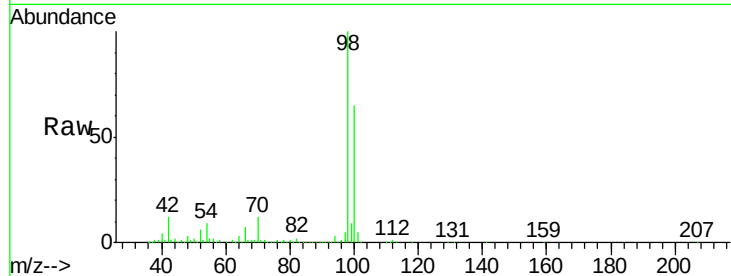




#50
Toluene-d8
Concen: 50.438 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066674.D
Acq: 14 Sep 2020 15:38

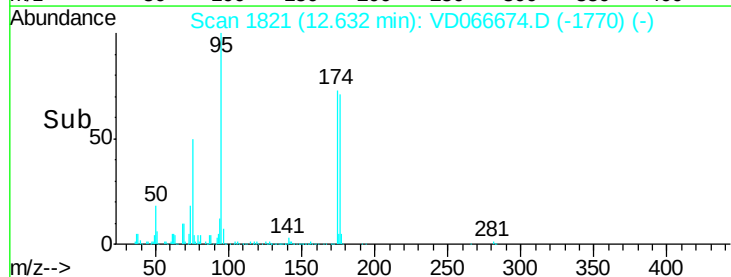
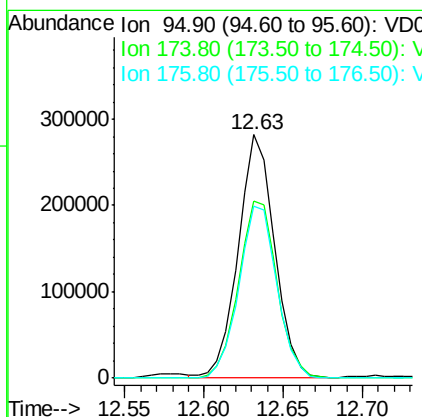
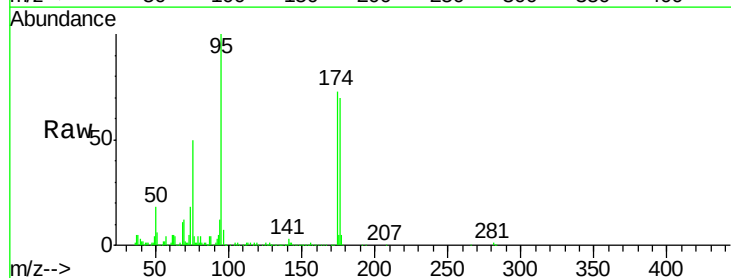
Instrument :
MSVOA_D
ClientSampleId :
SB-7-16.0-16.5

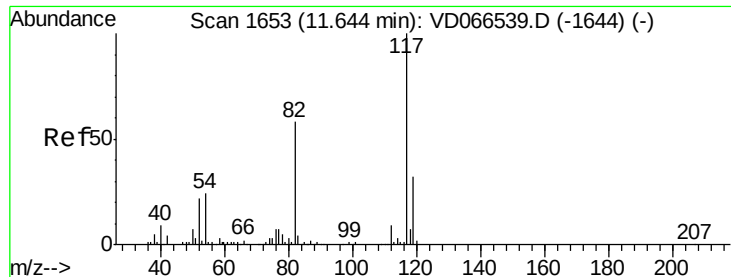
Tot Ion: 98 Resp: 1227882
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 55.076 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066674.D
Acq: 14 Sep 2020 15:38

Tgt Ion: 95 Resp: 444597
Ion Ratio Lower Upper
95 100
174 77.5 0.0 155.8
176 74.6 0.0 148.6

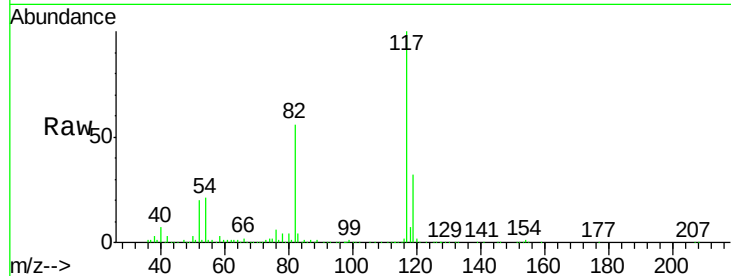




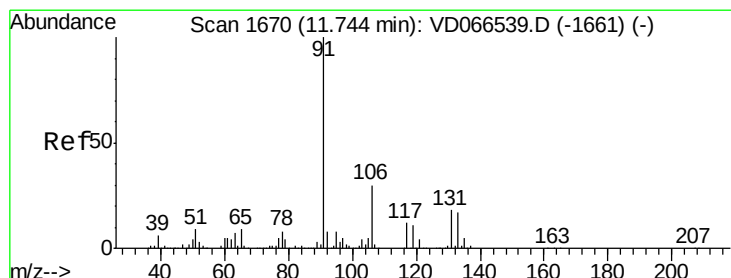
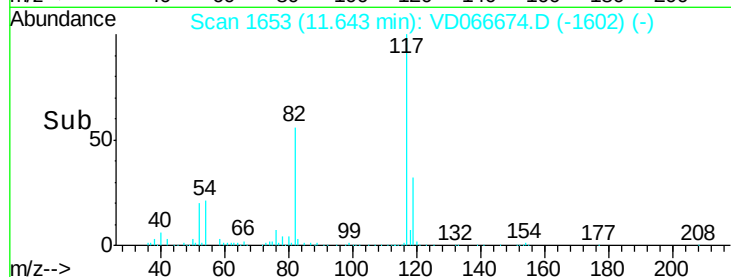
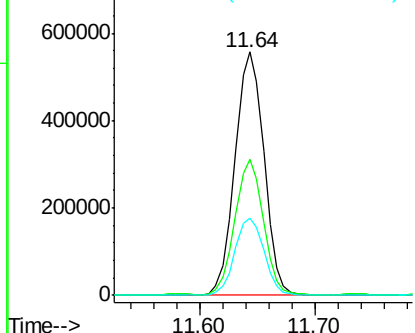
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066674.D
Acq: 14 Sep 2020 15:38

Instrument :
MSVOA_D
ClientSampleId :
SB-7-16.0-16.5

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	46.2	69.2
119	31.9	25.8	38.8

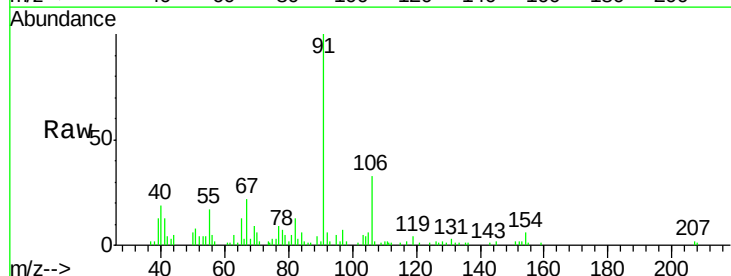


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

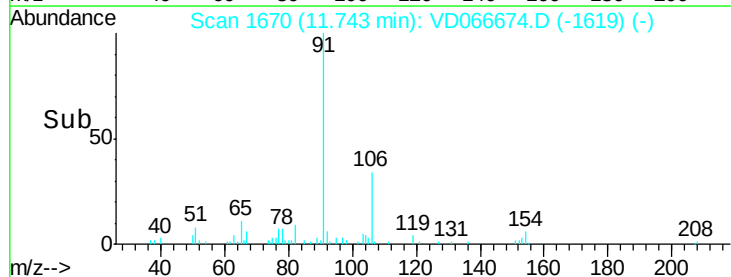
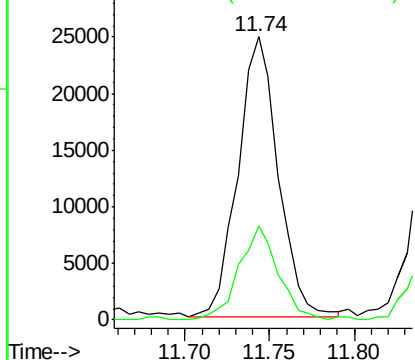


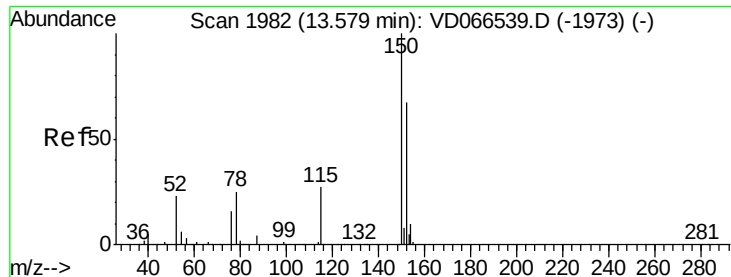
#67
Ethyl Benzene
Concen: 1.111 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066674.D
Acq: 14 Sep 2020 15:38

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.4	24.3	36.5



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



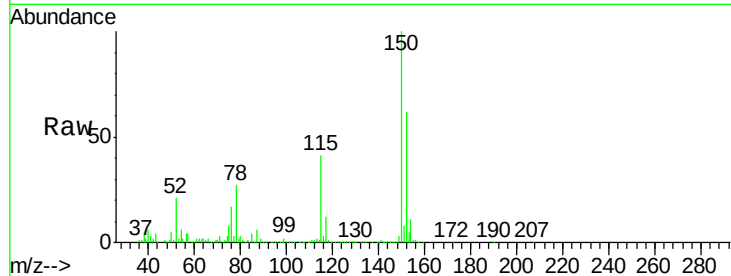


#72

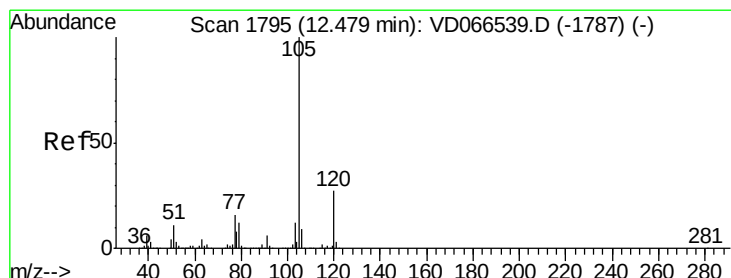
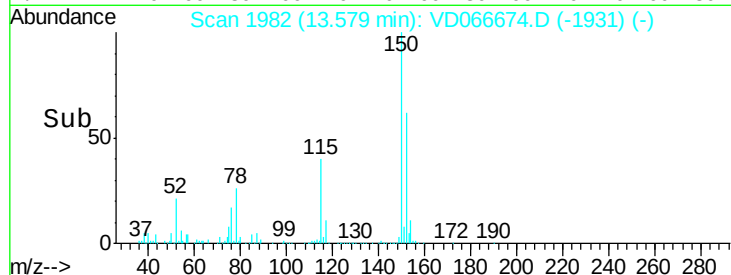
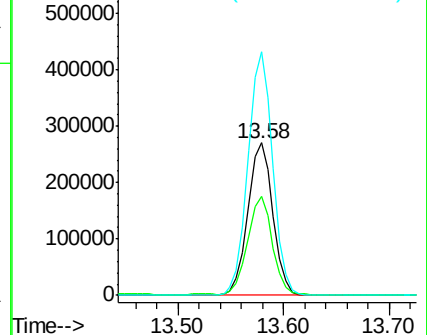
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066674.D
Acq: 14 Sep 2020 15:38

Instrument :
MSVOA_D
ClientSampleId :
SB-7-16.0-16.5

Tot Ion	Ratio	Lower	Upper
152	100		
115	64.1	30.4	91.2
150	157.4	0.0	345.8



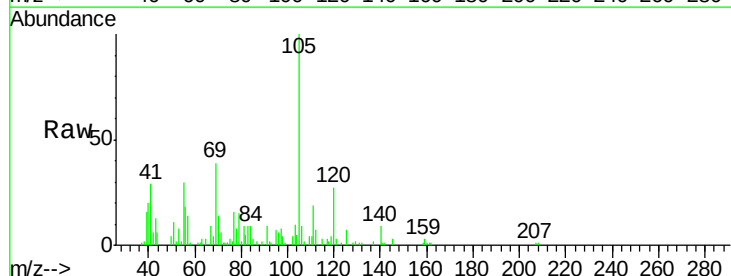
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



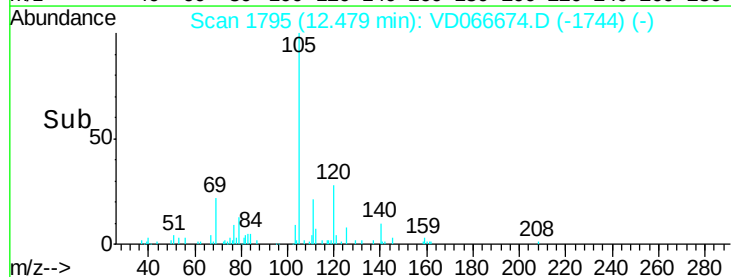
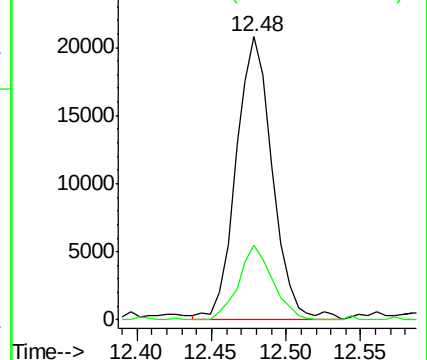
#73

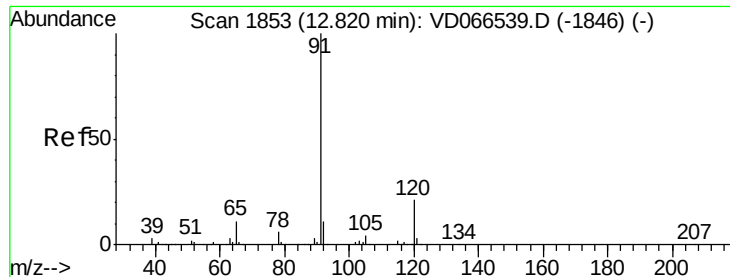
Isopropylbenzene
Concen: 1.072 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066674.D
Acq: 14 Sep 2020 15:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.7	13.0	39.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 1.282 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066674.D

Acq: 14 Sep 2020 15:38

Instrument :

MSVOA_D

ClientSampleId :

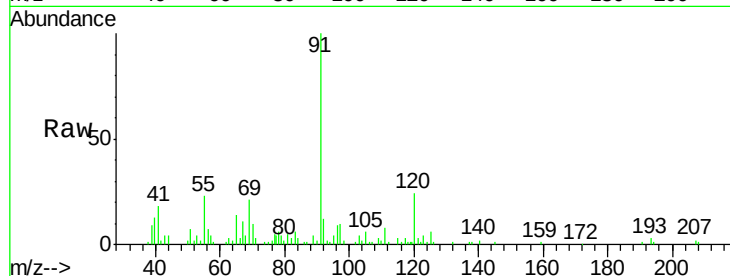
SB-7-16.0-16.5

Tot Ion: 91 Resp: 51062

Ion Ratio Lower Upper

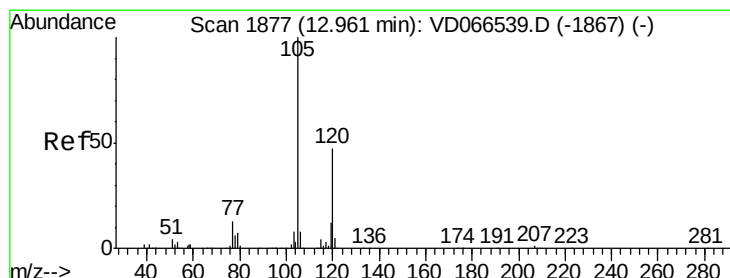
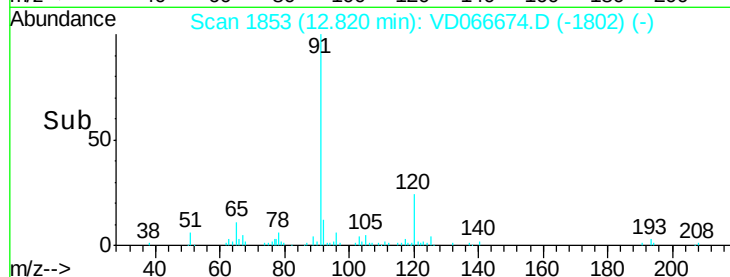
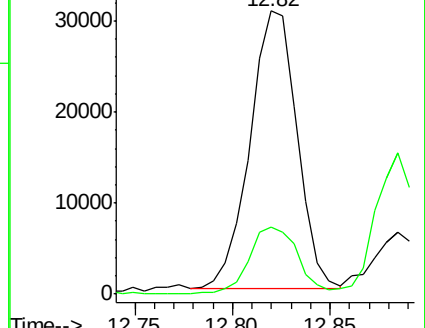
91 100

120 25.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 1.477 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066674.D

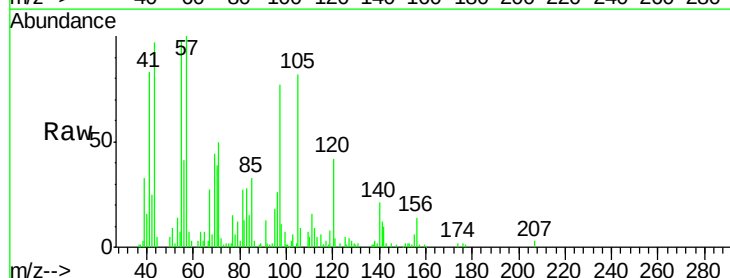
Acq: 14 Sep 2020 15:38

Tgt Ion:105 Resp: 40867

Ion Ratio Lower Upper

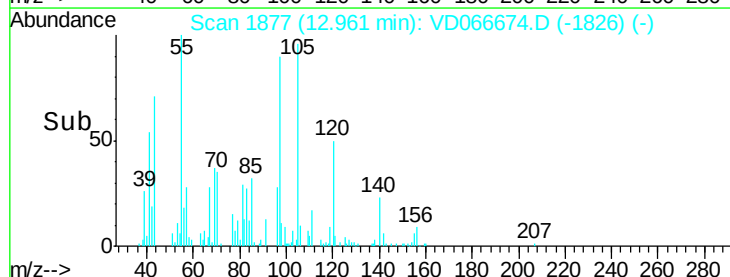
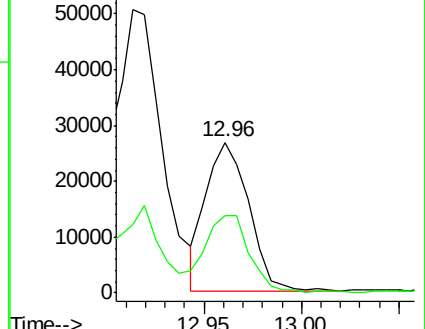
105 100

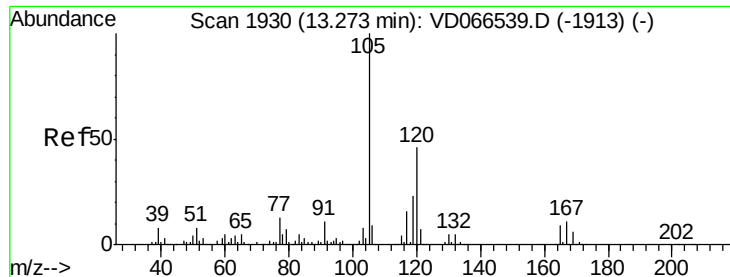
120 56.5 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

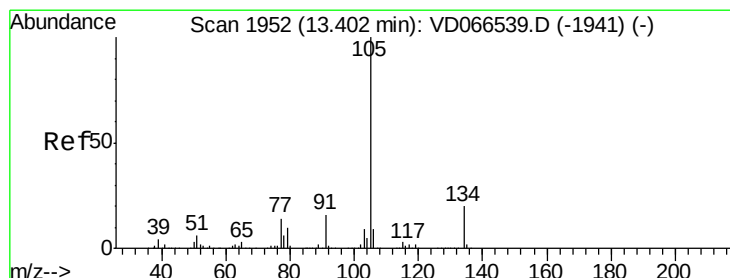
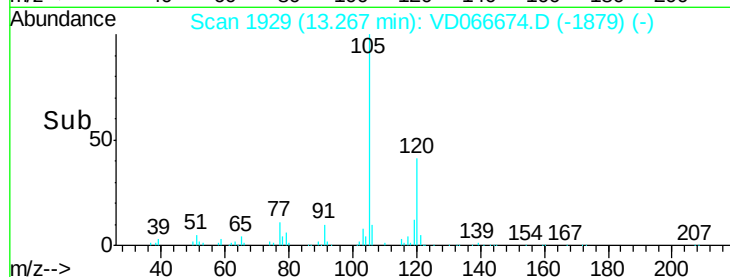
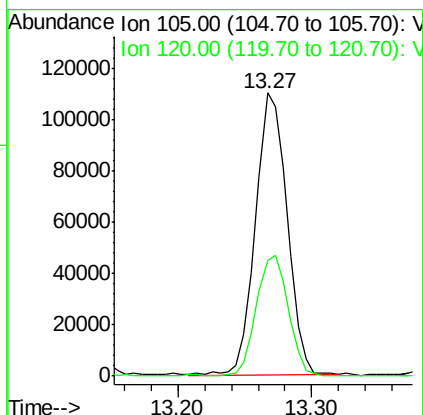
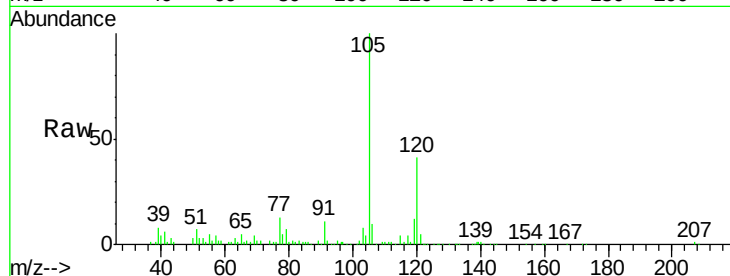




#84
 1,2,4-Trimethylbenzene
 Concen: 6.552 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066674.D
 Acq: 14 Sep 2020 15:38

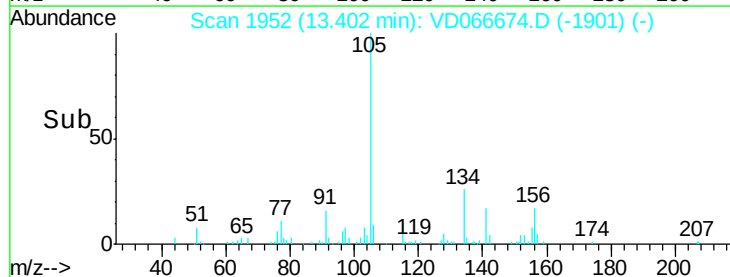
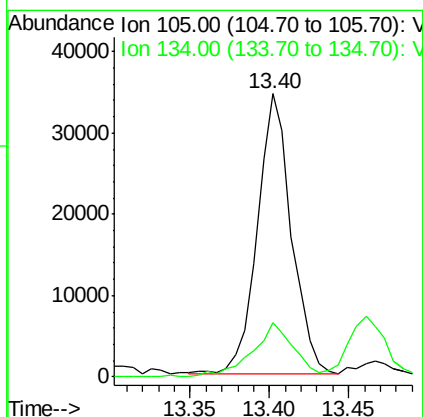
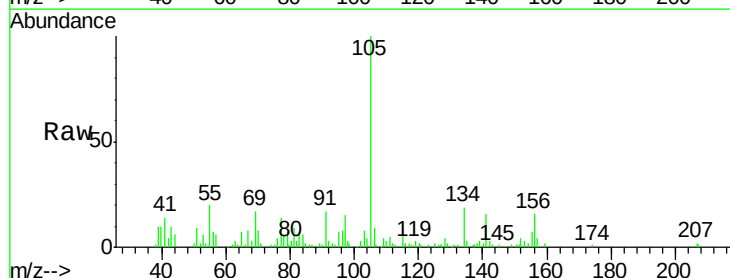
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7-16.0-16.5

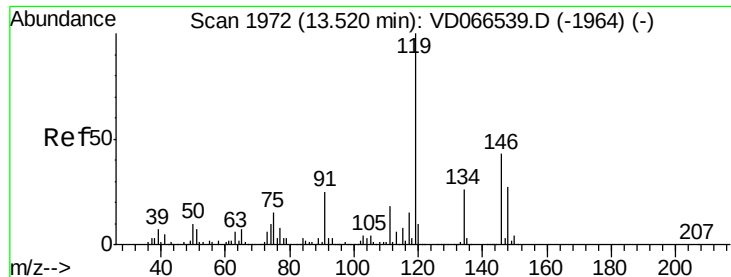
Tot Ion:105 Resp: 180446
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 1.572 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066674.D
 Acq: 14 Sep 2020 15:38

Tgt Ion:105 Resp: 51167
 Ion Ratio Lower Upper
 105 100
 134 23.4 9.8 29.5





#86

p-Isopropyltoluene

Concen: 1.016 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066674.D

Acq: 14 Sep 2020 15:38

Instrument :

MSVOA_D

ClientSampleId :

SB-7-16.0-16.5

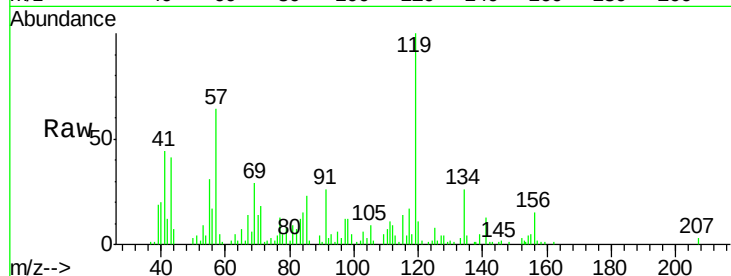
Tot Ion:119 Resp: 29769

Ion Ratio Lower Upper

119 100

134 28.4 12.7 38.0

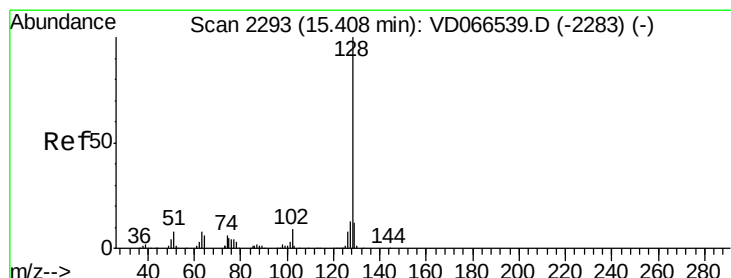
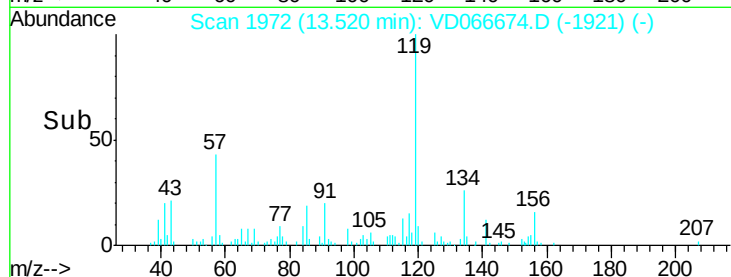
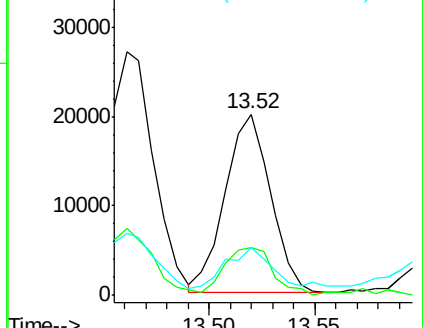
91 24.6 12.5 37.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#95

Naphthalene

Concen: 10.393 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066674.D

Acq: 14 Sep 2020 15:38

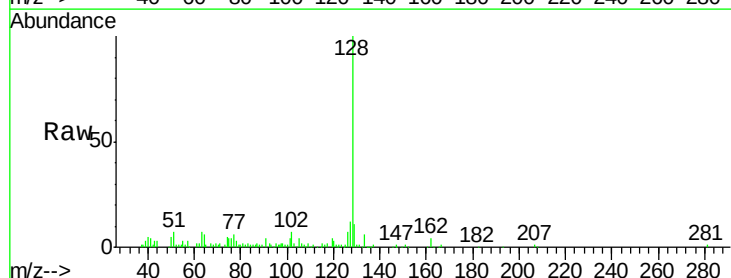
Tgt Ion:128 Resp: 138580

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 10.4 9.1 13.7



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

