

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066891.D
 Acq On : 26 Sep 2020 00:49
 Operator : VA/SY
 Sample : L4154-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1(1-2)

Manual Integrations
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 9/29/2020 11:45:33 AM

Quant Time: Sep 28 07:16:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	446659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	754899	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	782246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	392357	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	219267	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
35) Dibromofluoromethane	7.91	113	240091	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
50) Toluene-d8	10.34	98	911915	55.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.46%	
62) 4-Bromofluorobenzene	12.63	95	372548	66.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.00%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.84	106	17033m	1.573	ug/l	
69) o-Xylene	12.18	106	11142	1.138	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	51608	2.146	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	80164	3.361	ug/l	97
95) Naphthalene	15.40	128	39044	3.260	ug/l #	92

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

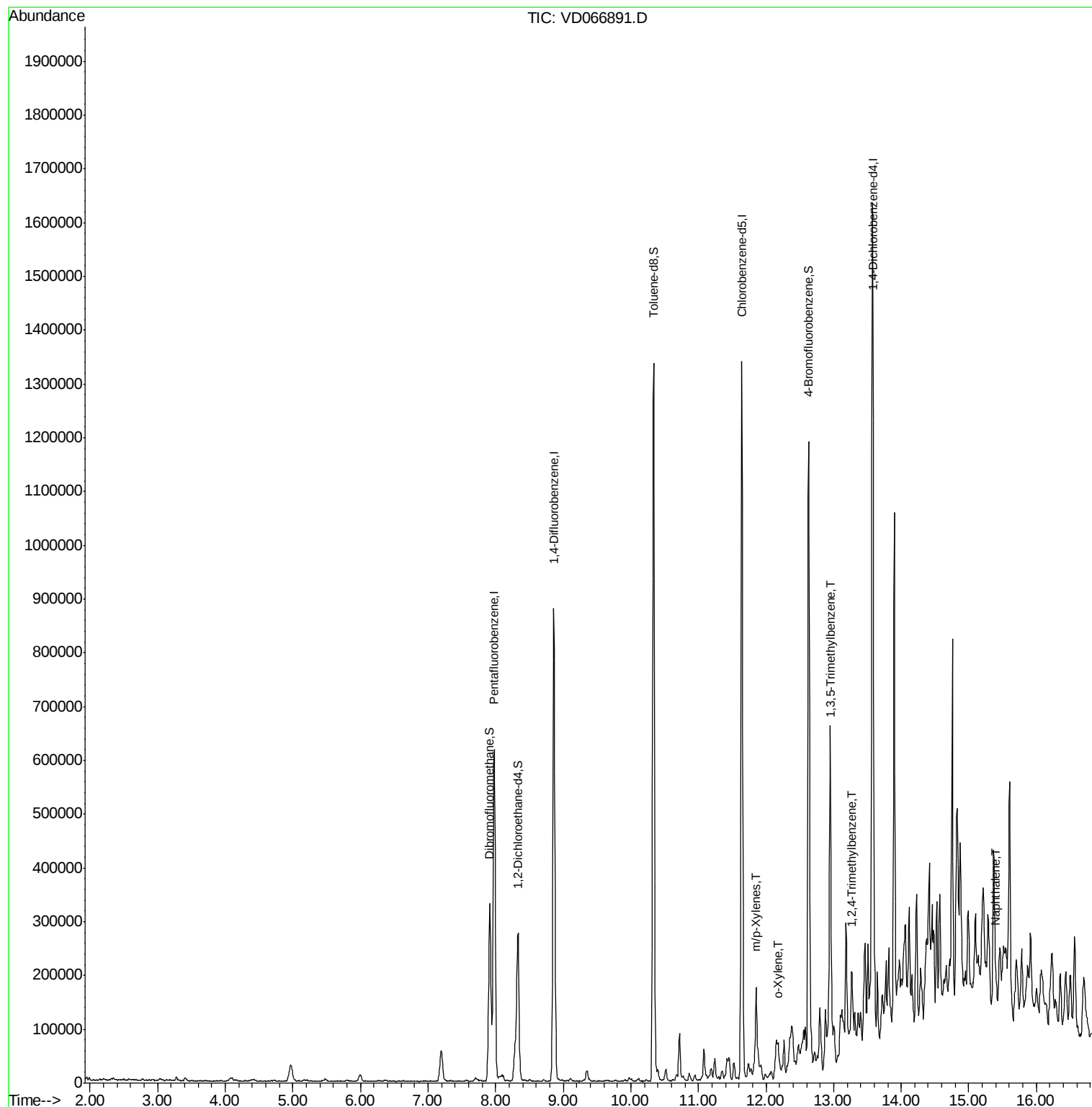
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092520\
Data File : VD066891.D
Acq On : 26 Sep 2020 00:49
Operator : VA/SY
Sample : L4154-01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 33 Sample Multiplier: 1

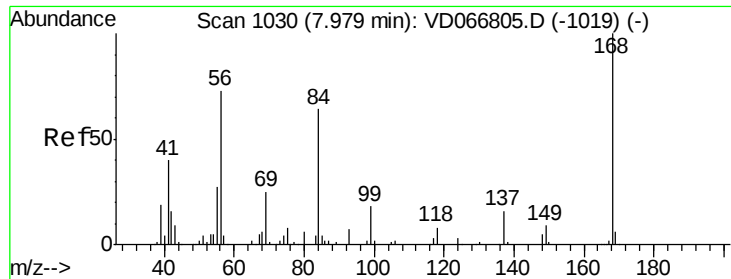
Instrument :
MSVOA_D
ClientSampleId :
B-1(1-2)

Manual Integrations
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Quant Time: Sep 28 07:16:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 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: VD066891.D

Acq: 26 Sep 2020 00:49

Instrument :

MSVOA_D

ClientSampleId :

B-1(1-2)

Tot Ion:168 Resp: 446659

Ion Ratio Lower Upper

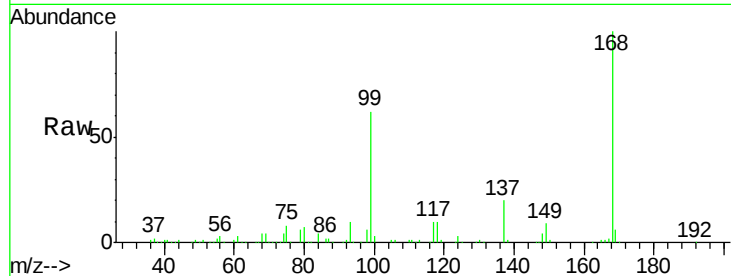
168 100

99 61.5 46.6 69.8

Manual Integrations
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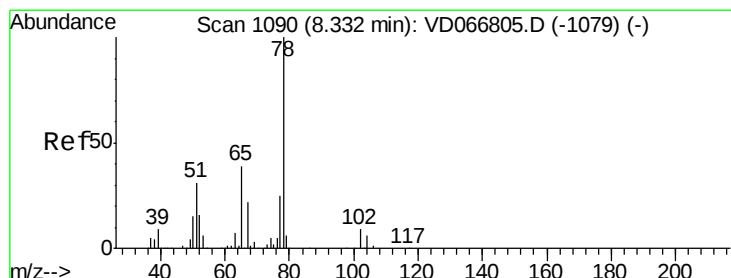
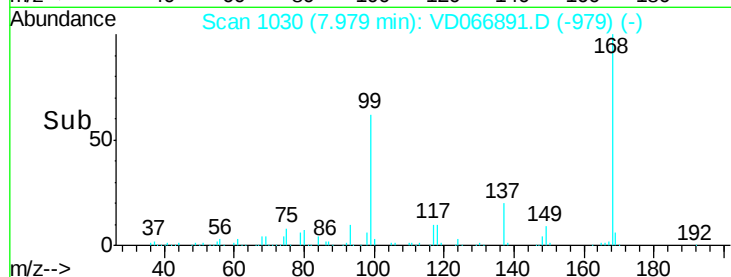
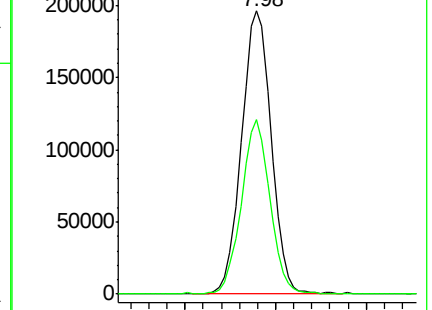
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 50.156 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066891.D

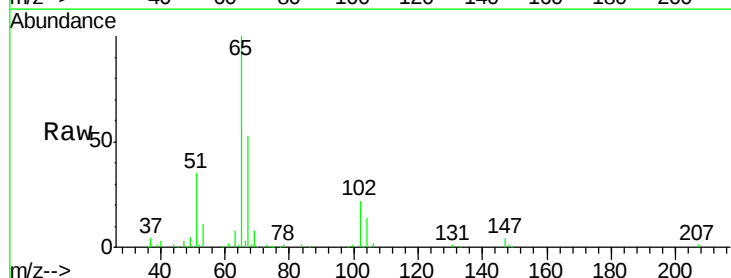
Acq: 26 Sep 2020 00:49

Tgt Ion: 65 Resp: 219267

Ion Ratio Lower Upper

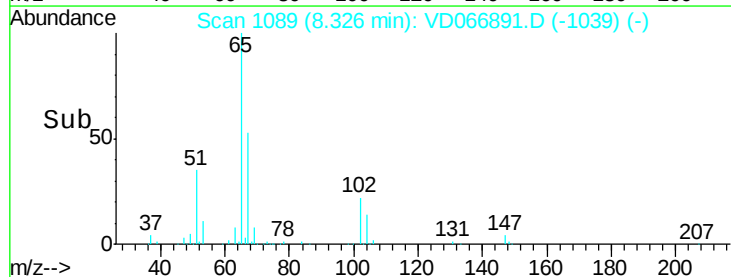
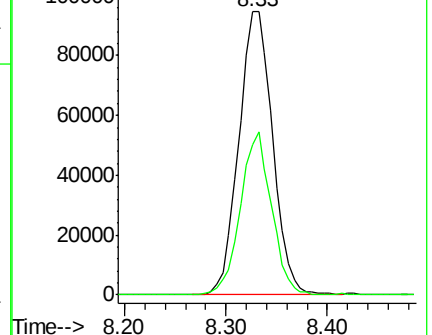
65 100

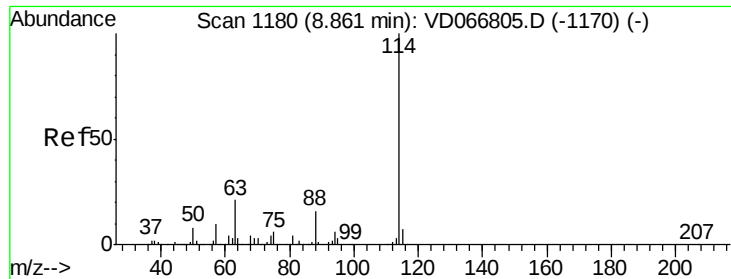
67 52.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





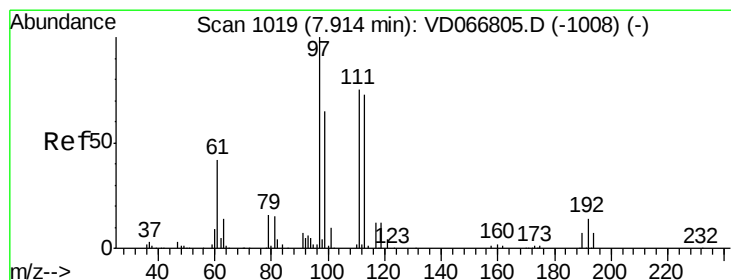
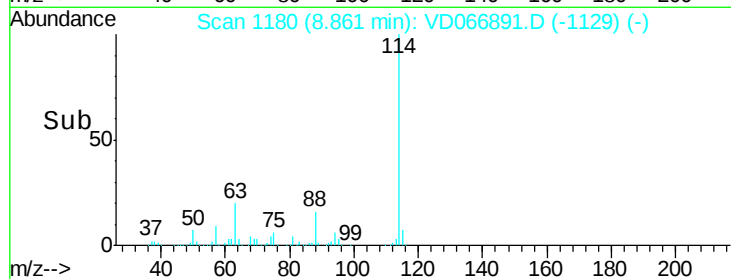
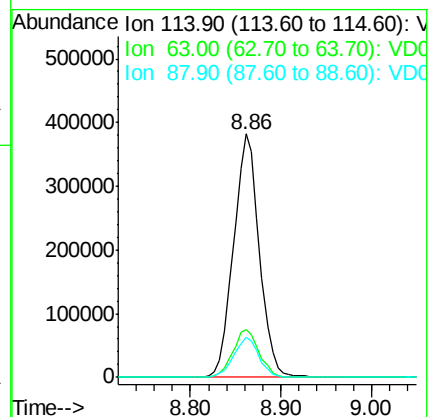
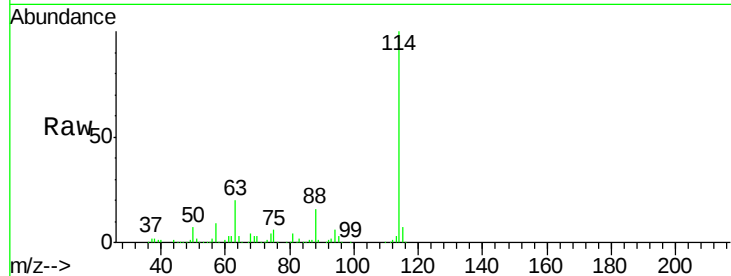
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD066891.D
Acq: 26 Sep 2020 00:49

Instrument :
MSVOA_D
ClientSampleId :
B-1(1-2)

Tot Ion	Ratio	Resp	Lower	Upper
114	100	754899		
63	19.7		0.0	42.6
88	16.5		0.0	32.6

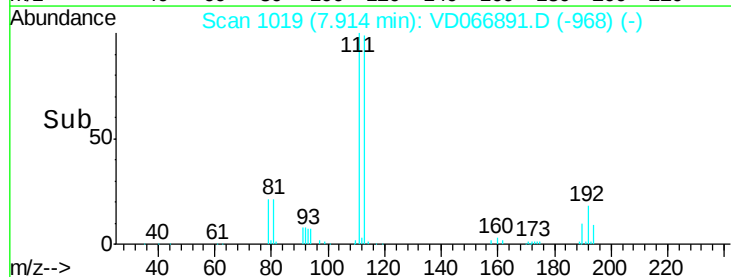
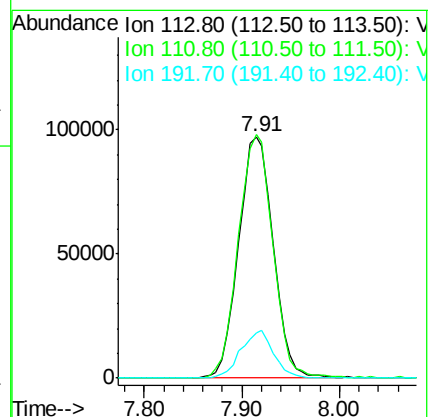
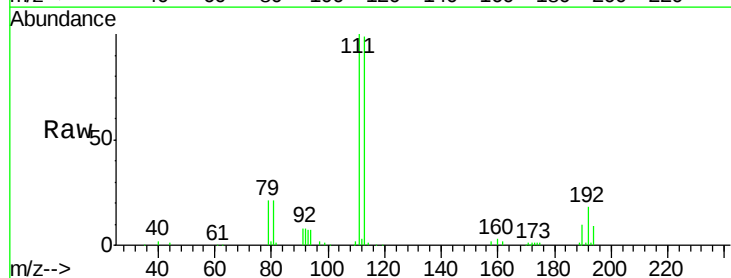
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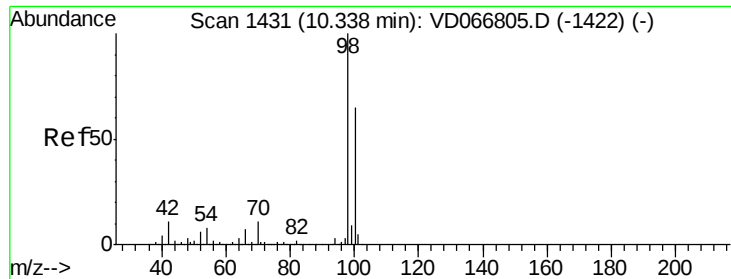
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#35
Dibromofluoromethane
Concen: 49.991 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD066891.D
Acq: 26 Sep 2020 00:49

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	240091		
111	100.6		81.8	122.8
192	18.7		14.4	21.6





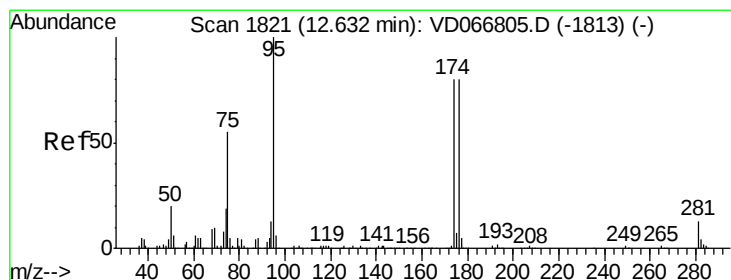
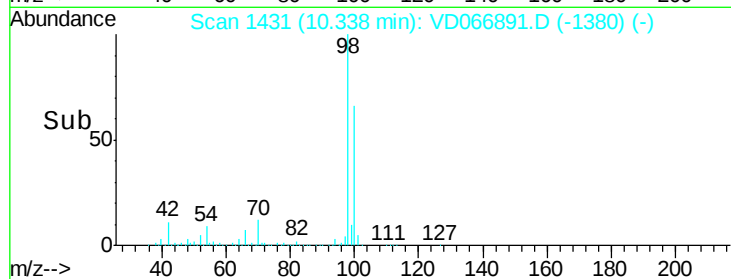
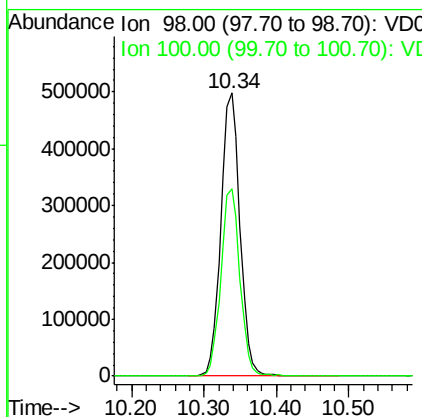
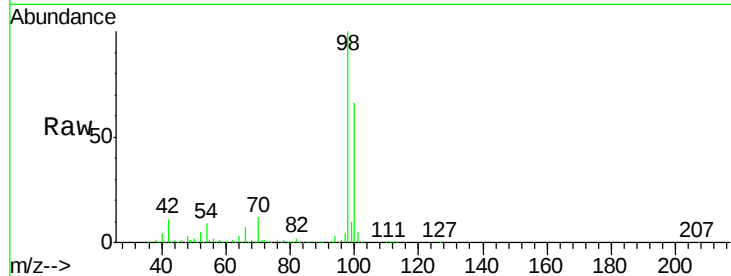
#50
Toluene-d8
Concen: 55.729 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066891.D
Acq: 26 Sep 2020 00:49

Instrument :
MSVOA_D
ClientSampled :
B-1(1-2)

Tot Ion	98	Resp	911915
Ion Ratio	100	Lower	Upper
98	100	52.2	78.2
100	66.0		

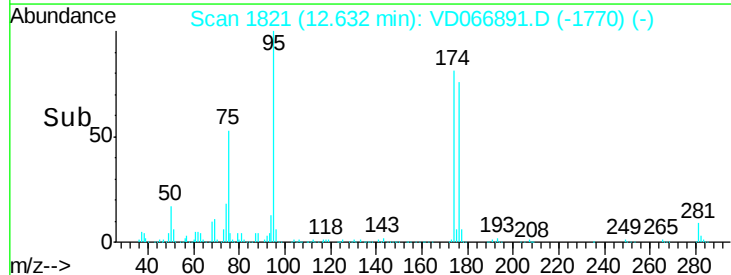
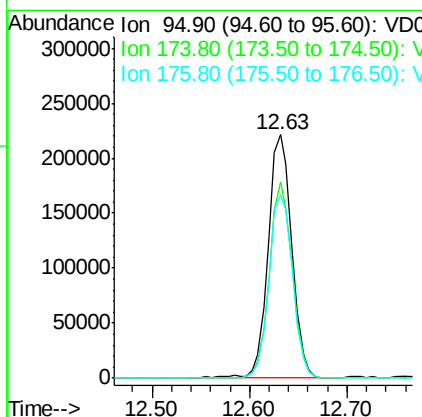
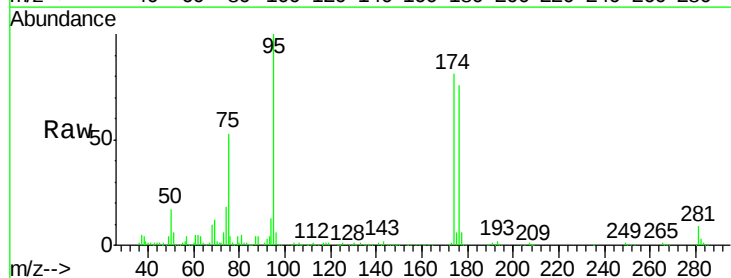
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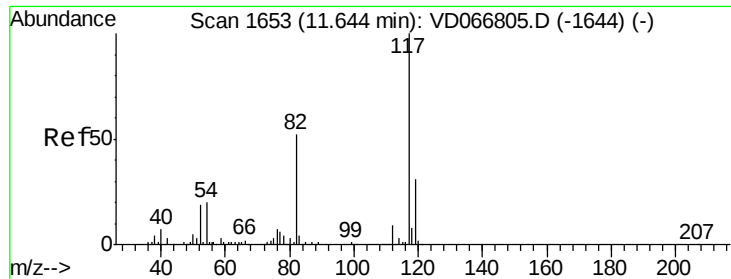
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#62
4-Bromofluorobenzene
Concen: 66.505 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066891.D
Acq: 26 Sep 2020 00:49

Tgt Ion	95	Resp	372548
Ion Ratio	100	Lower	Upper
95	100	0.0	159.8
174	78.4		
176	76.0		





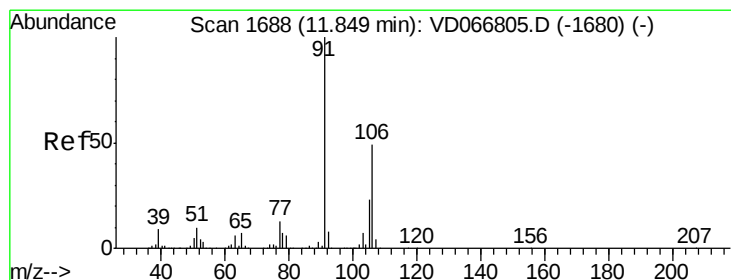
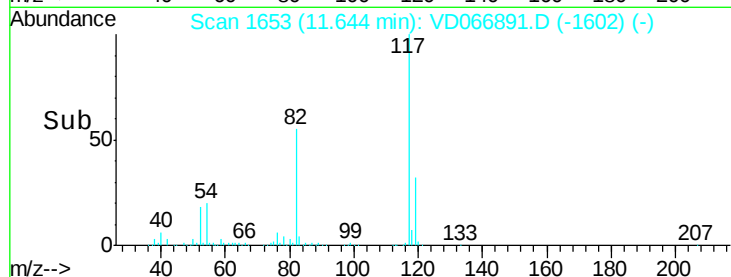
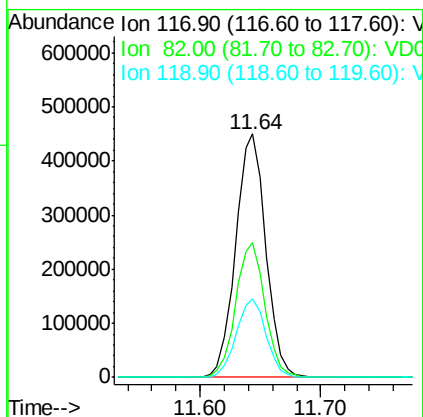
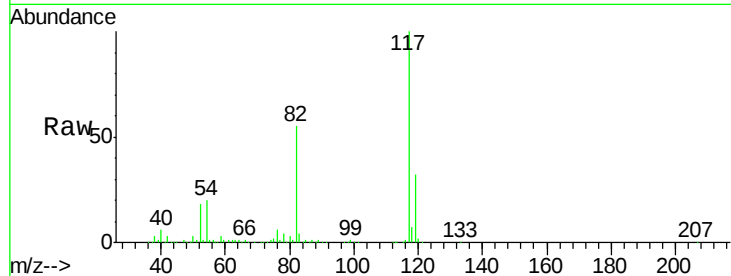
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066891.D
Acq: 26 Sep 2020 00:49

Instrument :
MSVOA_D
ClientSampleId :
B-1(1-2)

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	41.8	62.6
119	32.2	24.6	37.0

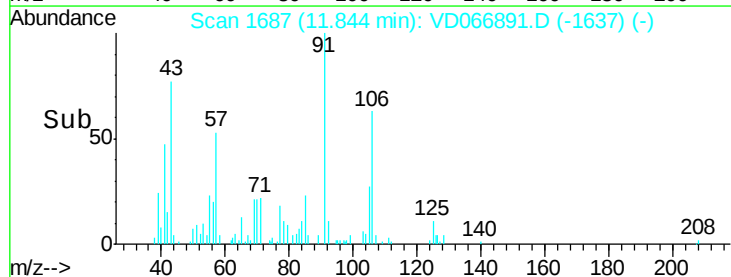
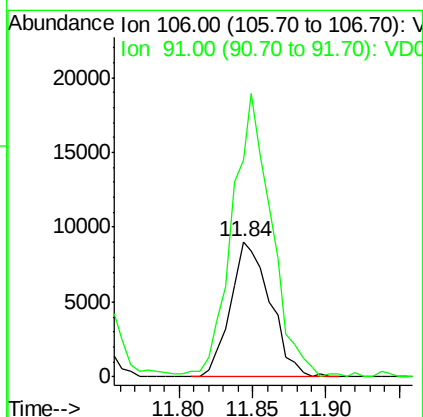
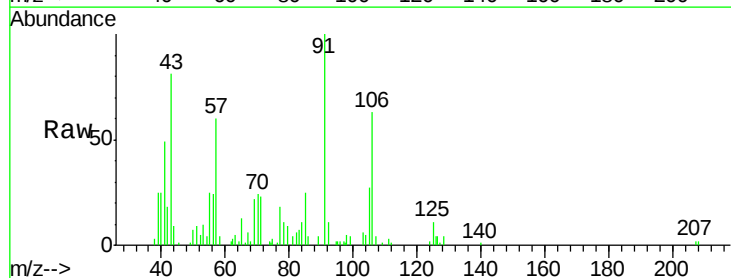
Manual Integrations
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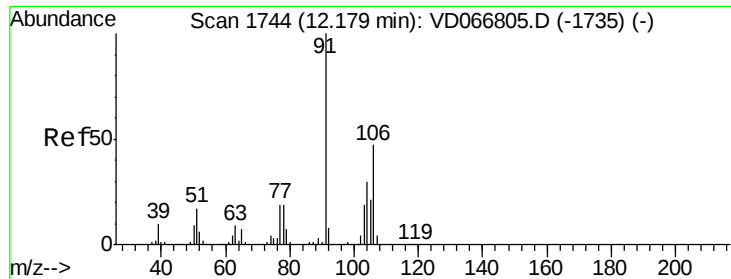
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#68
m/p-Xylenes
Concen: 1.573 ug/l m
RT: 11.84 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VD066891.D
Acq: 26 Sep 2020 00:49

Tgt Ion	Ratio	Lower	Upper
106	100		
91	0.0	160.7	241.1#





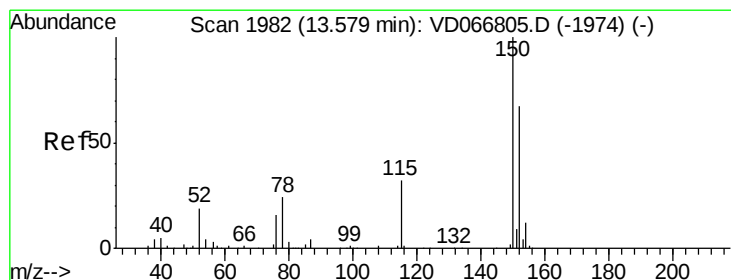
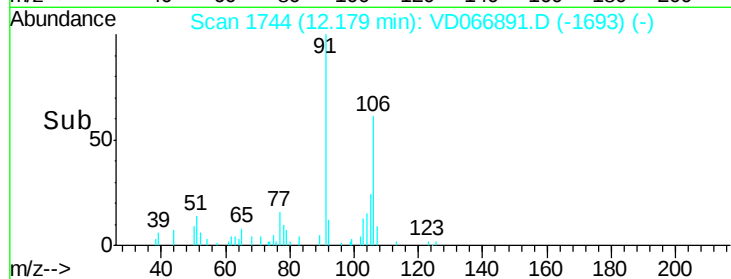
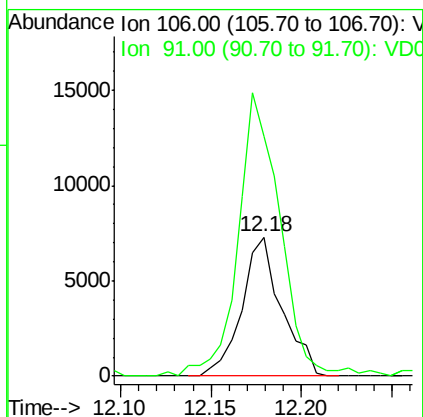
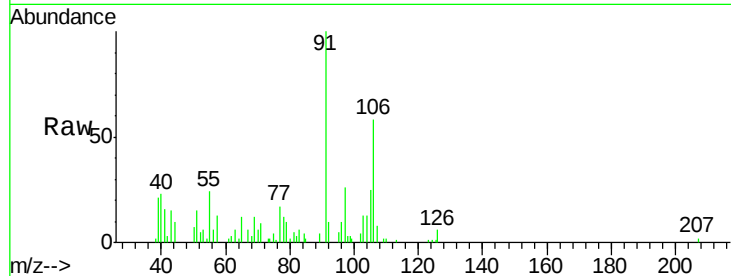
#69
o-Xylene
Concen: 1.138 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066891.D
Acq: 26 Sep 2020 00:49

Instrument :
MSVOA_D
ClientSampleId :
B-1(1-2)

Tot Ion	Ratio	Resp	Lower	Upper
106	100	11142		
91	215.1	106.3	318.8	

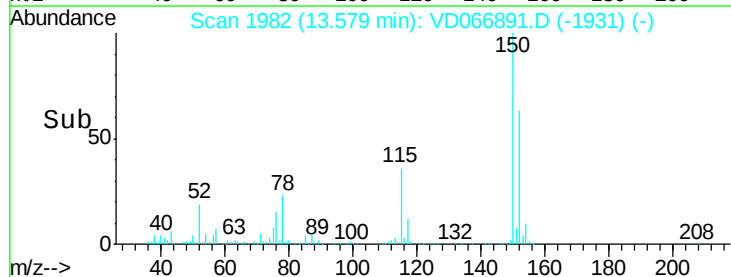
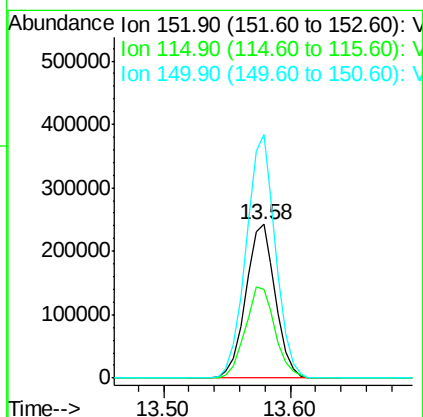
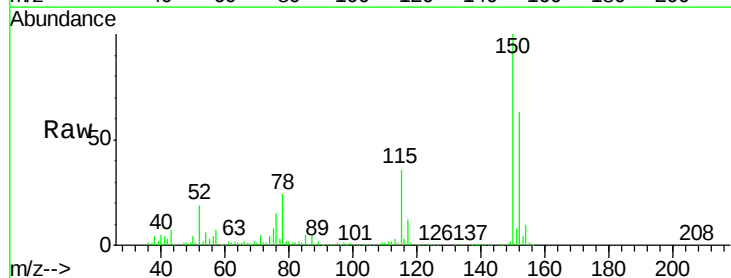
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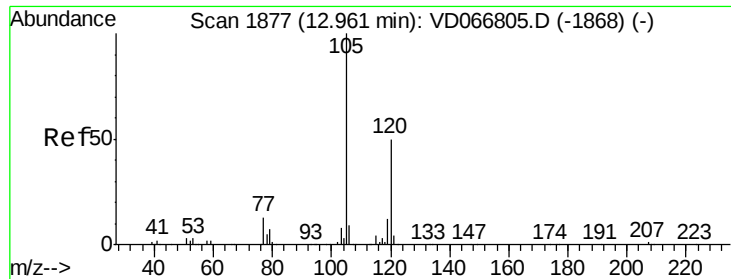
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066891.D
Acq: 26 Sep 2020 00:49

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	392357		
115	59.5	30.3	91.0	
150	156.7	0.0	346.2	





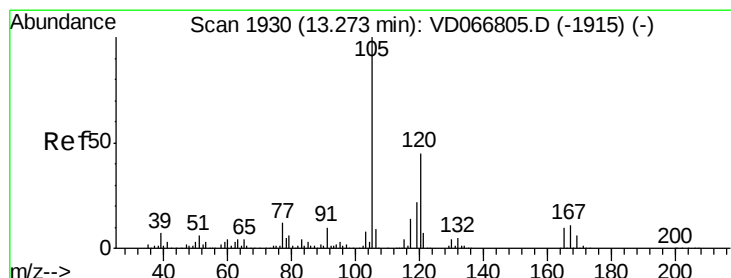
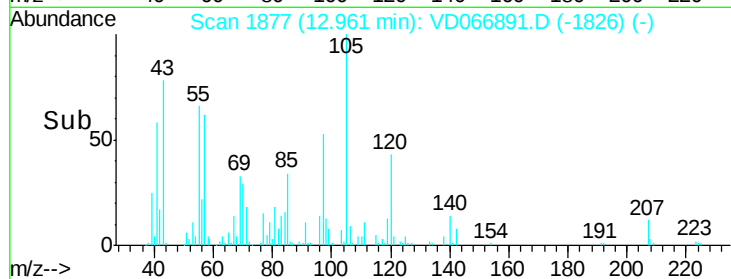
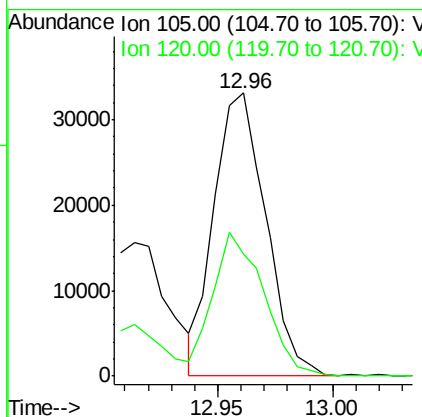
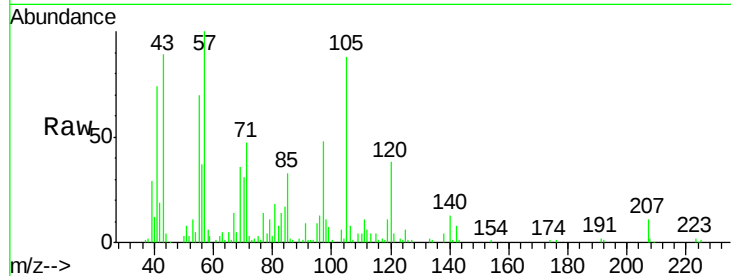
#80
 1,3,5-Trimethylbenzene
 Concen: 2.146 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066891.D
 Acq: 26 Sep 2020 00:49

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1(1-2)

Tot Ion:105 Resp: 51608
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.4 73.4

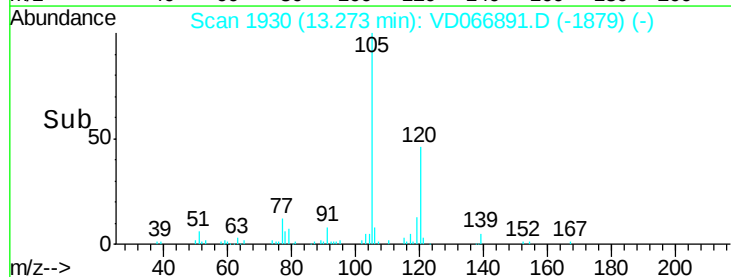
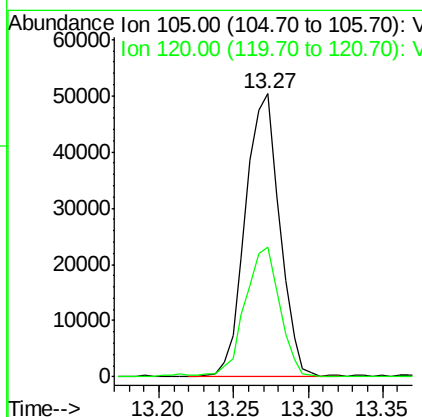
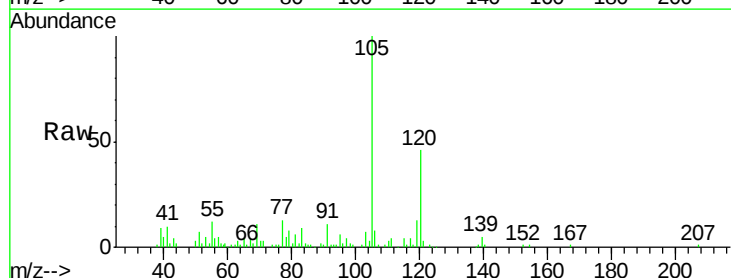
Manual Integrations
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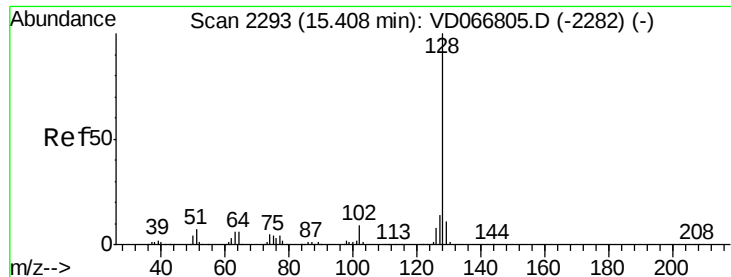
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#84
 1,2,4-Trimethylbenzene
 Concen: 3.361 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066891.D
 Acq: 26 Sep 2020 00:49

Tgt Ion:105 Resp: 80164
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.3 66.9





#95
 Naphthalene
 Concen: 3.260 ug/l
 RT: 15.40 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: VD066891.D
 Acq: 26 Sep 2020 00:49

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1(1-2)

Tot Ion	Ratio	Lower	Upper
128	100		
127	8.7	10.6	16.0#
129	9.4	8.9	13.3

Manual Integrations
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 9/29/2020 11:45:33 AM

