

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082420\
 Data File : VD066381.D
 Acq On : 24 Aug 2020 15:15
 Operator : VA/SY
 Sample : L3773-01
 Misc : 7.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-COMP

Manual Integrations
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Quant Time: Aug 25 04:44:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	227287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	352130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	356798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	188522	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	116880	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
35) Dibromofluoromethane	7.91	113	108663	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
50) Toluene-d8	10.34	98	427530	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
62) 4-Bromofluorobenzene	12.63	95	167082	58.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.90%	
Target Compounds						
8) Diethyl Ether	3.71	74	1097m	1.224	ug/l	
20) Methylene Chloride	4.96	84	32350	10.004	ug/l	99

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

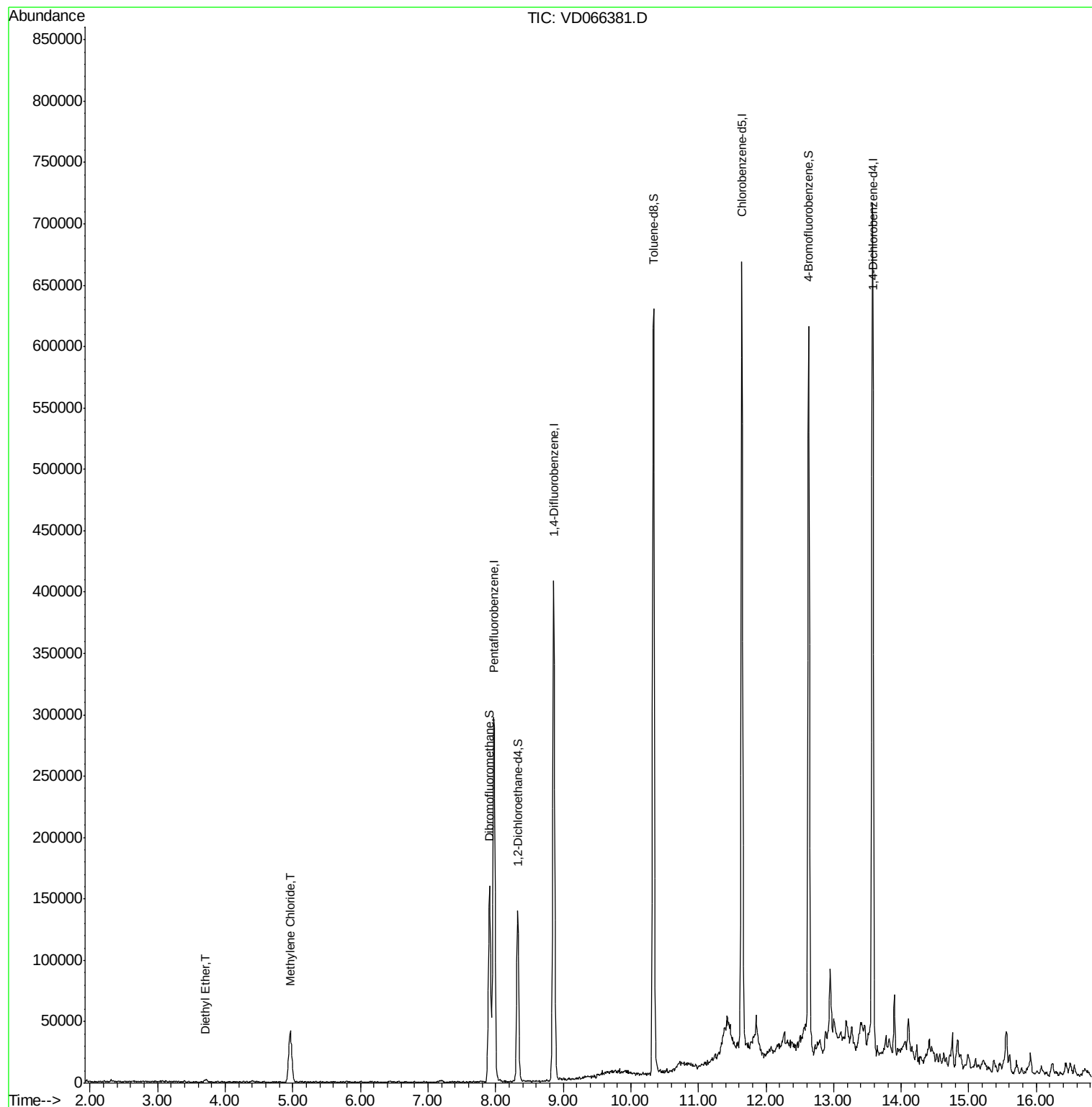
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082420\
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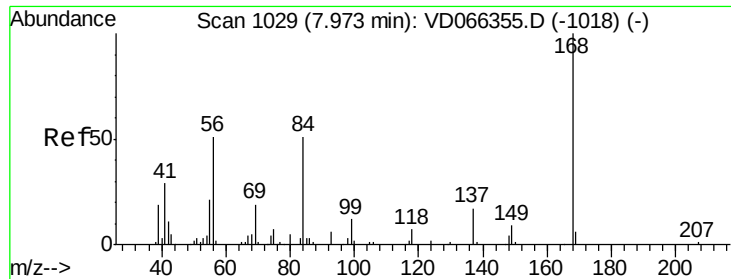
Instrument :
MSVOA_D
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Quant Time: Aug 25 04:44:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066381.D

Acq: 24 Aug 2020 15:15

Instrument :

MSVOA_D

ClientSampleId :

DRUM-COMP

Tot Ion:168 Resp: 227287

Ion Ratio Lower Upper

168 100

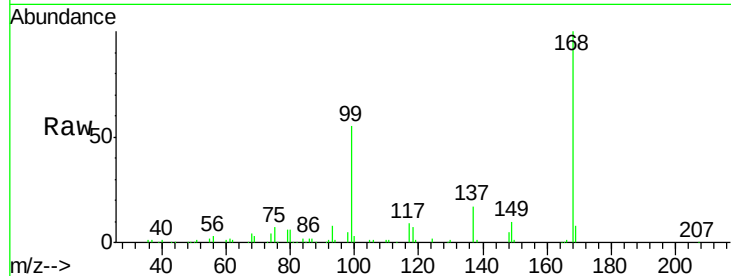
99 55.2 45.4 68.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

100000

80000

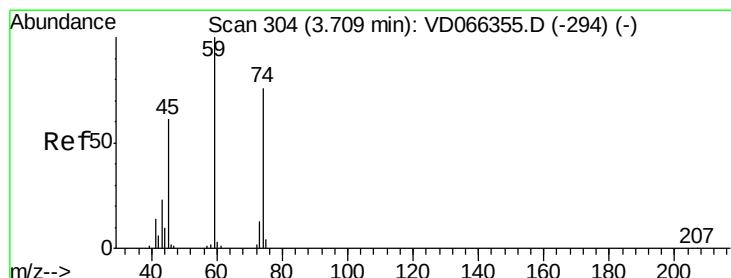
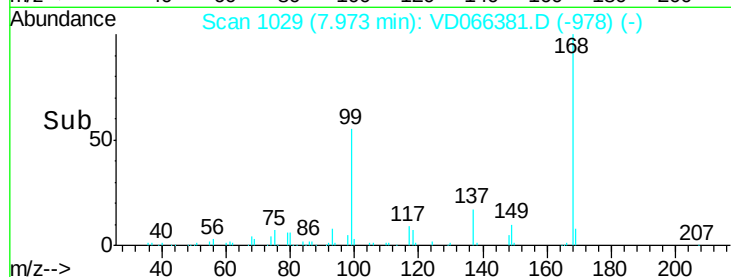
60000

40000

20000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#8

Diethyl Ether

Concen: 1.224 ug/l m

RT: 3.71 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD066381.D

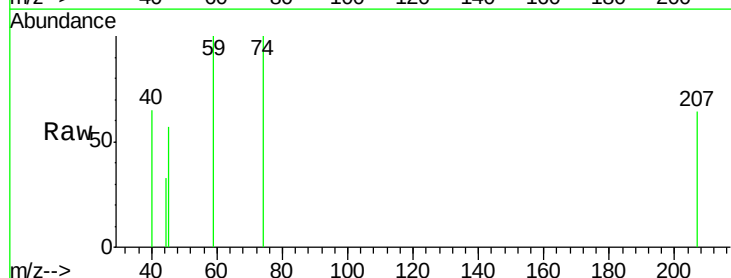
Acq: 24 Aug 2020 15:15

Tgt Ion: 74 Resp: 1097

Ion Ratio Lower Upper

74 100

45 97.6 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.71

800

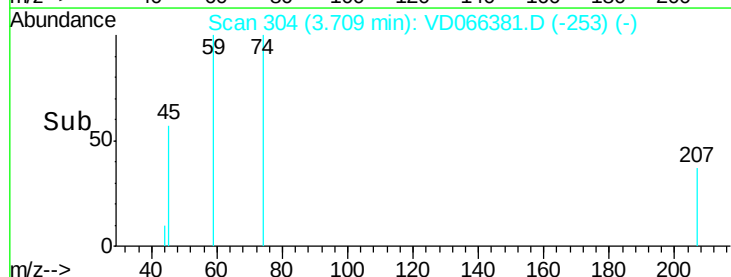
600

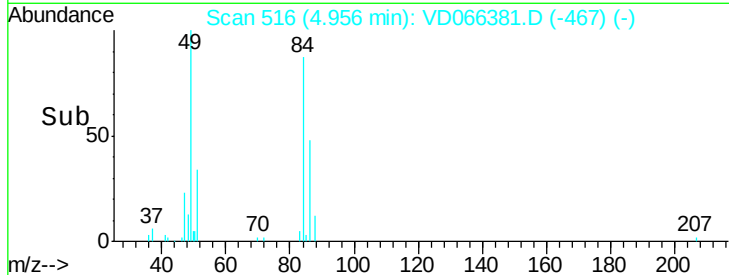
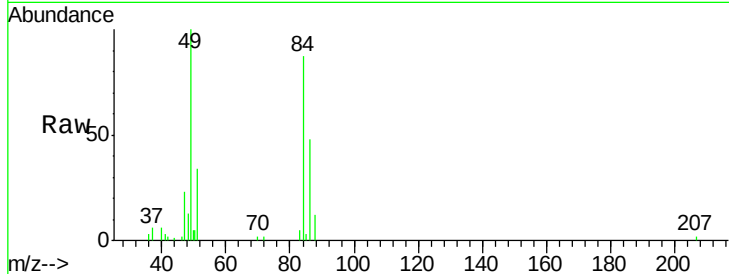
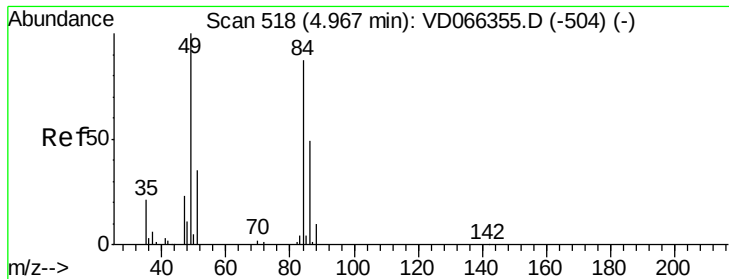
400

200

0

Time--> 3.68 3.70 3.72 3.74





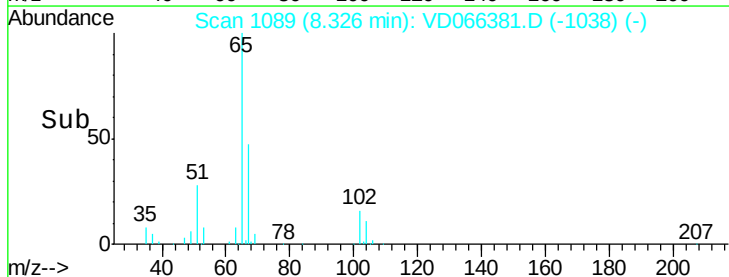
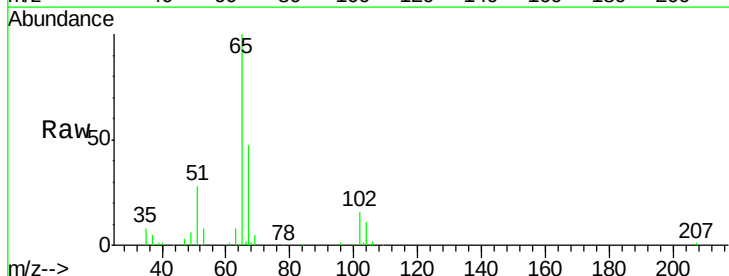
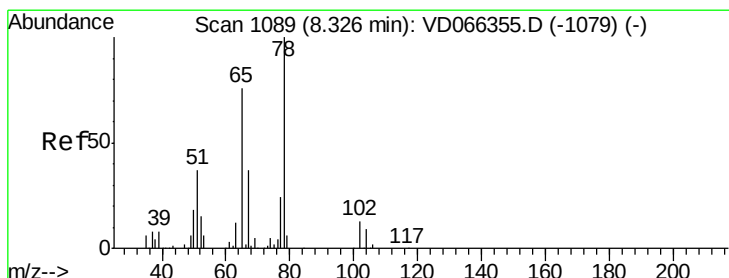
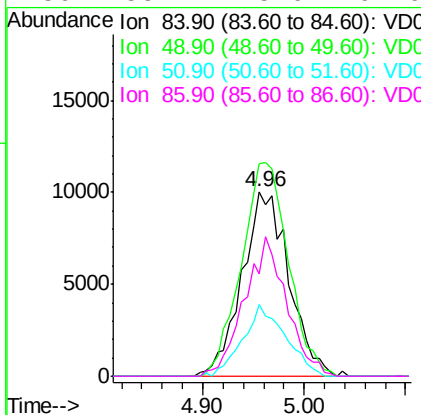
#20
Methylene Chloride
Concen: 10.004 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD066381.D
Acq: 24 Aug 2020 15:15

Tot Ion:	84	Resp:	32350
Ion	Ratio	Lower	Upper
84	100		
49	115.4	92.5	138.7
51	39.2	32.5	48.7
86	55.4	45.0	67.6

Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP

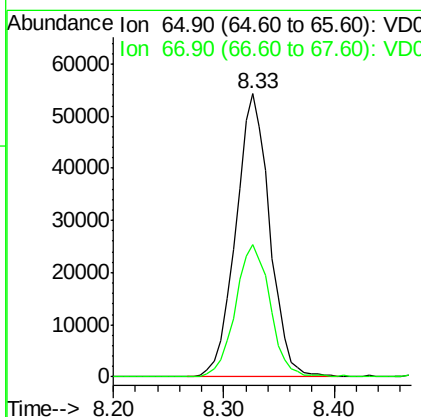
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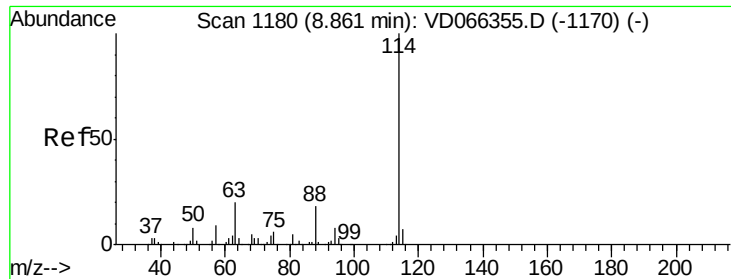
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#33
1,2-Dichloroethane-d4
Concen: 52.452 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VD066381.D
Acq: 24 Aug 2020 15:15

Tgt Ion:	65	Resp:	116880
Ion	Ratio	Lower	Upper
65	100		
67	47.9	0.0	101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066381.D

Acq: 24 Aug 2020 15:15

Instrument :

MSVOA_D

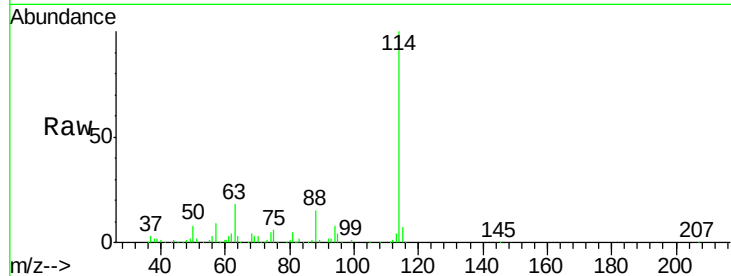
ClientSampleId :

DRUM-COMP

Tot Ion	Ratio	Resp	Lower	Upper
114	100	352130		
63	18.5	0.0	40.8	
88	14.9	0.0	35.4	

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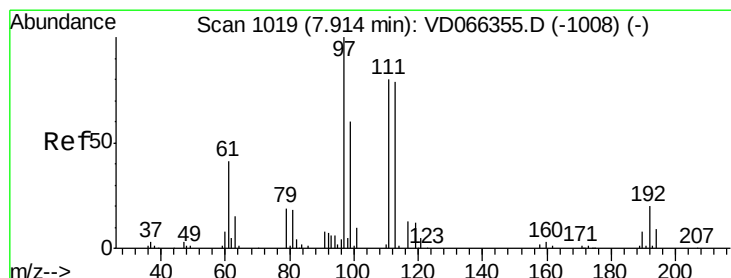
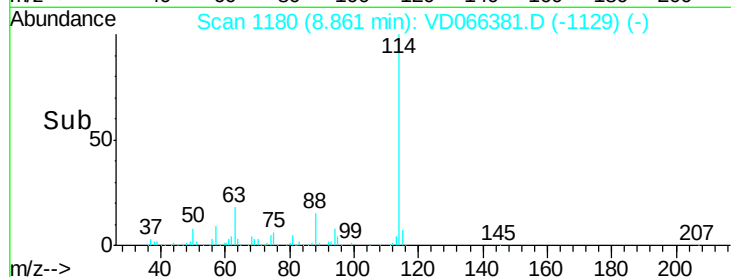
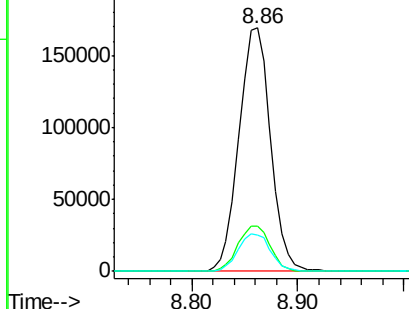
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 49.350 ug/l

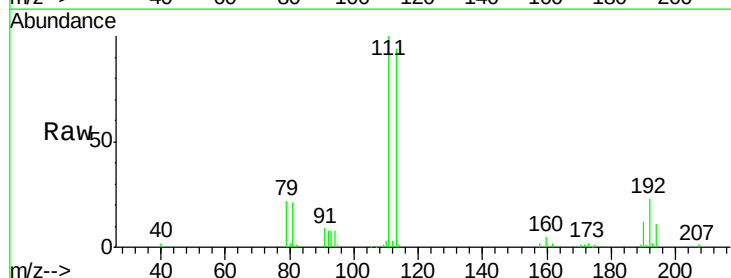
RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066381.D

Acq: 24 Aug 2020 15:15

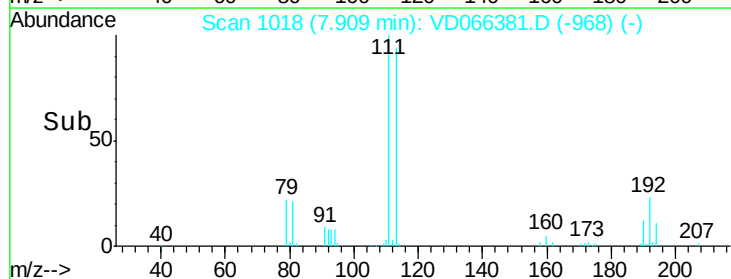
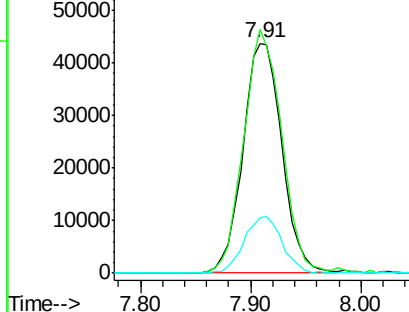
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	108663		
111	103.0	80.3	120.5	
192	23.9	19.0	28.6	

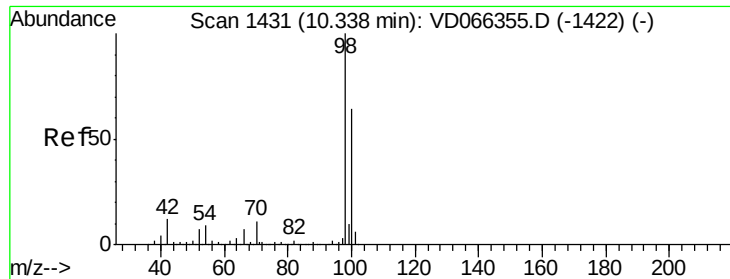


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





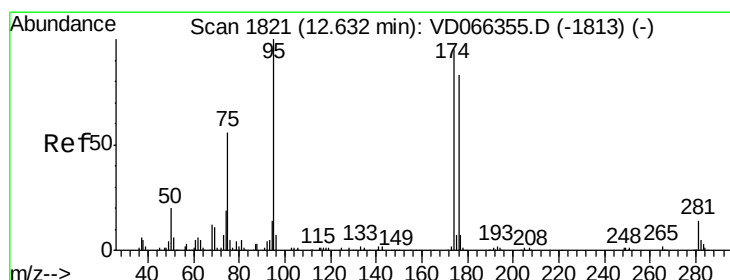
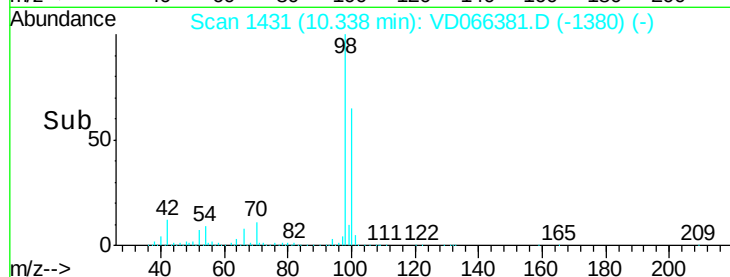
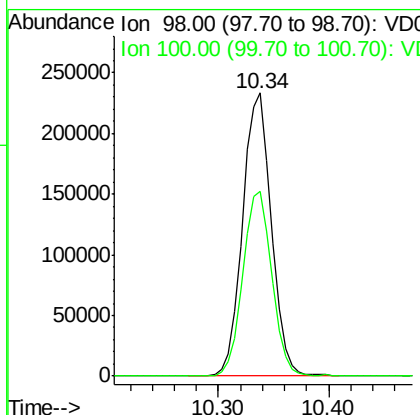
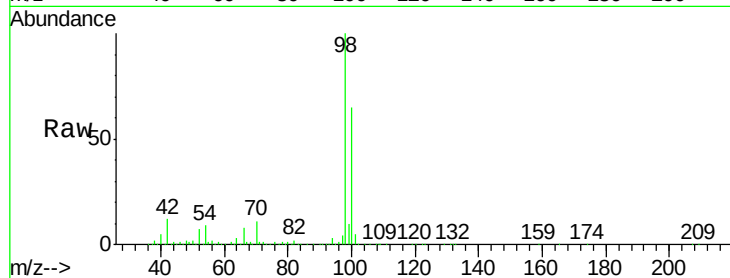
#50
Toluene-d8
Concen: 53.067 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066381.D
Acq: 24 Aug 2020 15:15

Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP

Tot Ion: 98 Resp: 427530
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4

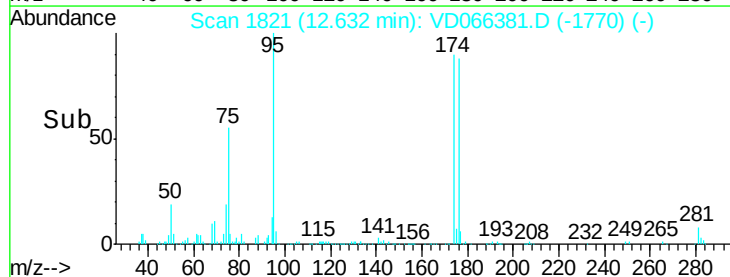
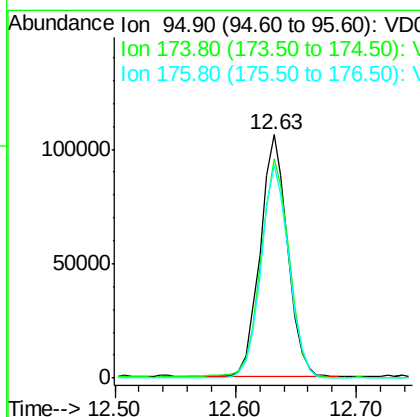
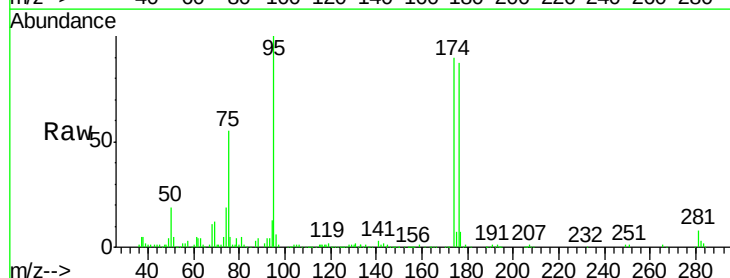
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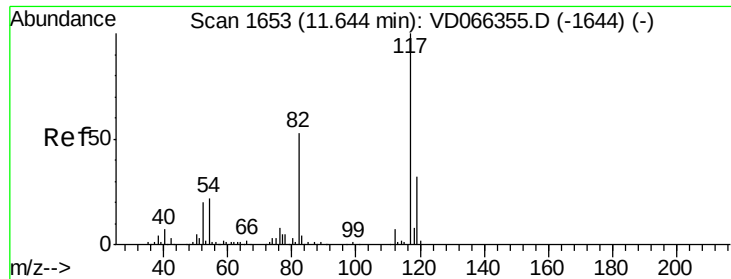
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#62
4-Bromofluorobenzene
Concen: 58.445 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066381.D
Acq: 24 Aug 2020 15:15

Tgt Ion: 95 Resp: 167082
Ion Ratio Lower Upper
95 100
174 95.8 0.0 183.4
176 89.8 0.0 173.8





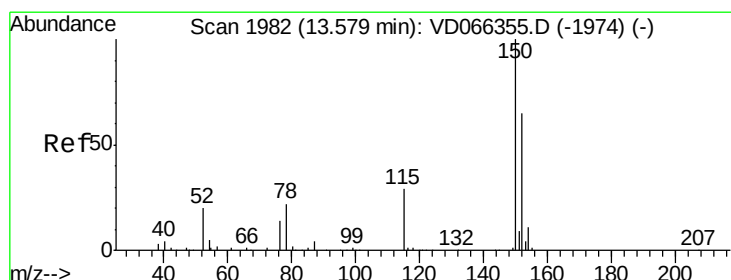
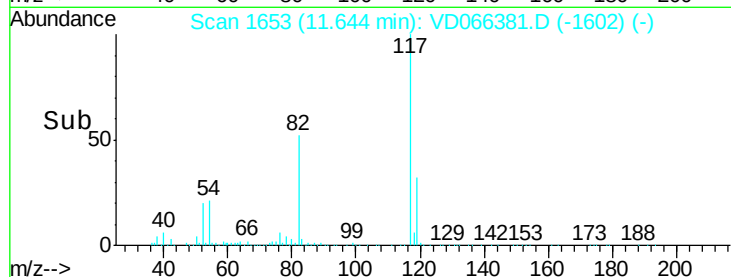
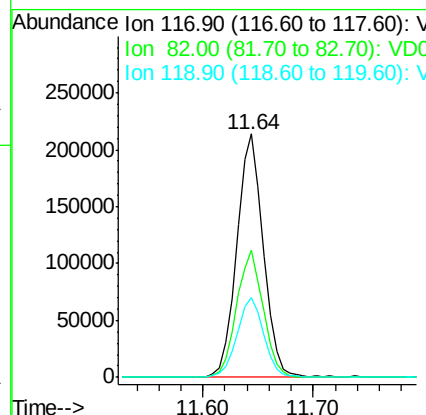
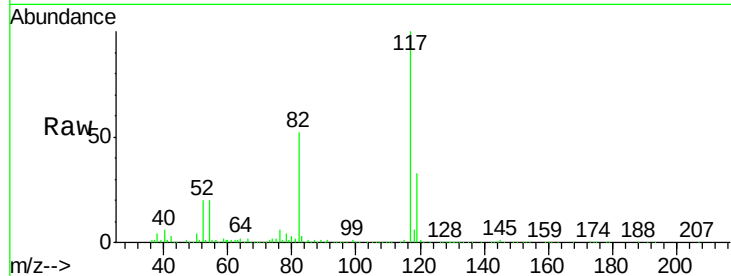
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066381.D
Acq: 24 Aug 2020 15:15

Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Resp	Lower	Upper
117	100	356798		
82	52.1		42.8	64.2
119	32.4		25.8	38.8

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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: VD066381.D
Acq: 24 Aug 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	188522		
115	58.7		28.3	85.0
150	156.4		0.0	343.2

