

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
 Data File : VD066024.D
 Acq On : 23 Jul 2020 15:08
 Operator : VA/SY
 Sample : L3381-04
 Misc : 7.97G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 347-GRID-B1-B2

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 12:59:53 PM

Quant Time: Jul 24 04:10:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	306655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	508957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	523723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	258737	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	134530	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
35) Dibromofluoromethane	7.92	113	154376	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
50) Toluene-d8	10.34	98	610289	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
62) 4-Bromofluorobenzene	12.64	95	241035	60.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.90%	
Target Compounds						
16) Acetone	4.17	43	4056m	8.031	ug/l	Qvalue
20) Methylene Chloride	4.96	84	37878	11.266	ug/l	89
52) Toluene	10.41	92	11345	1.432	ug/l	99
95) Naphthalene	15.41	128	27981	6.711	ug/l	98

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

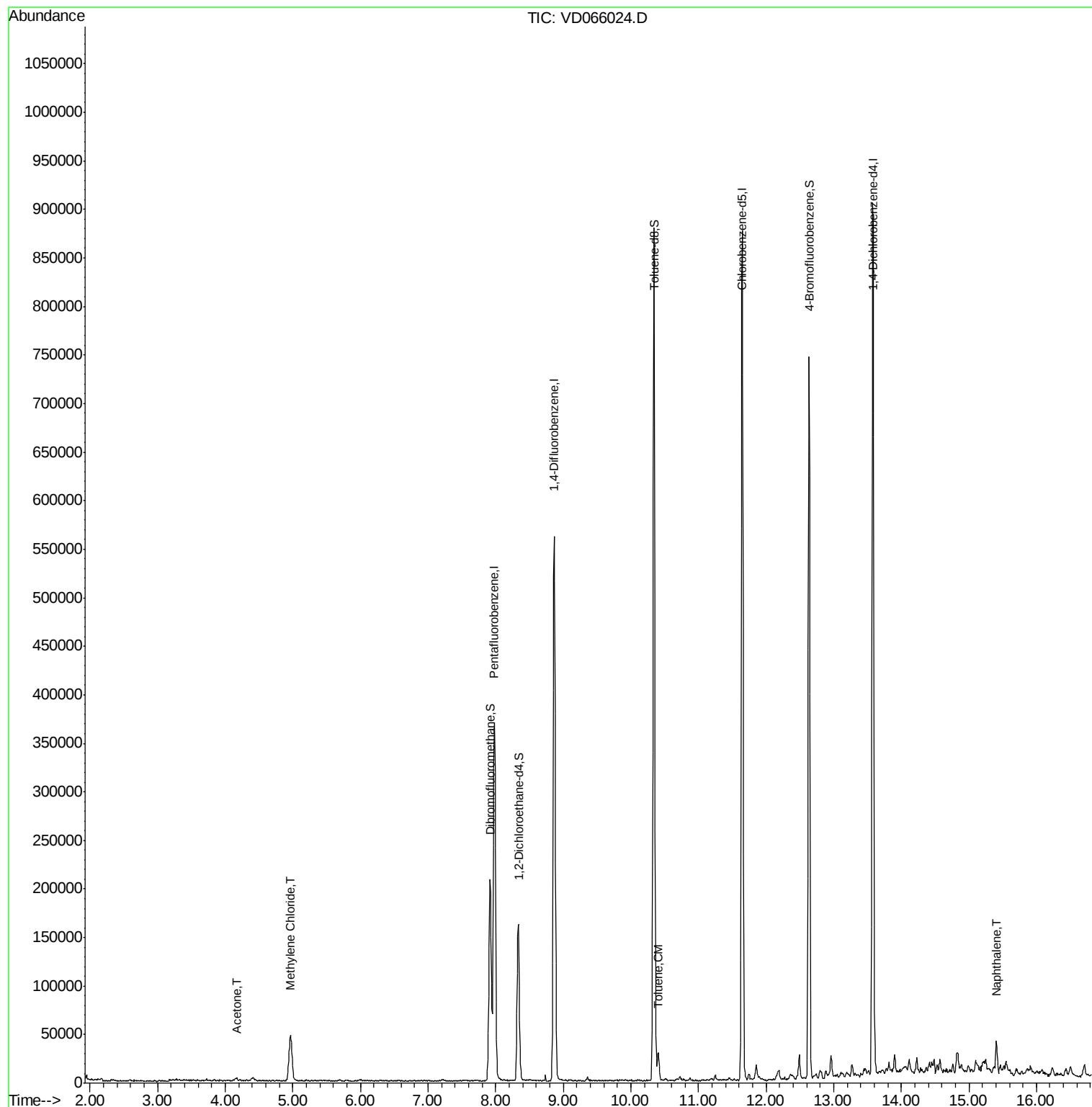
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072320\
Data File : VD066024.D
Acq On : 23 Jul 2020 15:08
Operator : VA/SY
Sample : L3381-04
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ALS Vial : 11 Sample Multiplier: 1

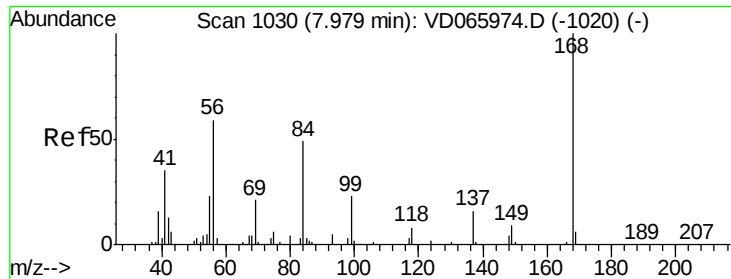
Instrument :
MSVOA_D
ClientSampleId :
347-GRID-B1-B2

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Quant Time: Jul 24 04:10:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066024.D

Acq: 23 Jul 2020 15:08

Instrument :

MSVOA_D

ClientSampleId :

347-GRID-B1-B2

Tot Ion:168 Resp: 306655

Ion Ratio Lower Upper

168 100

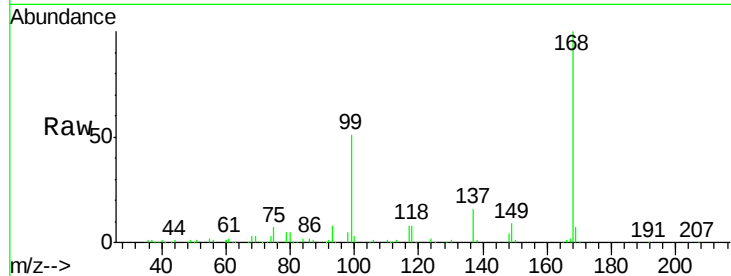
99 51.4 40.8 61.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

150000

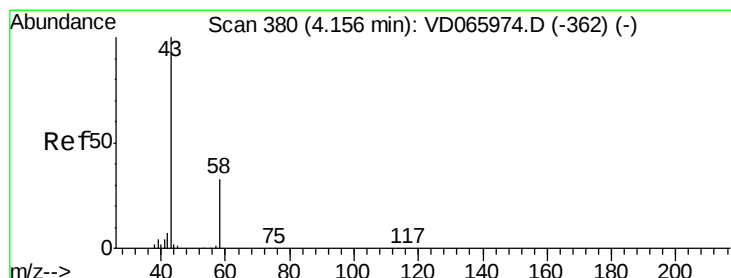
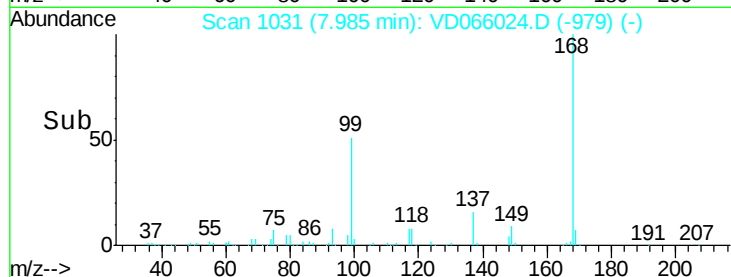
100000

50000

0

7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 8.031 ug/l m

RT: 4.17 min Scan# 383

Delta R.T. 0.02 min

Lab File: VD066024.D

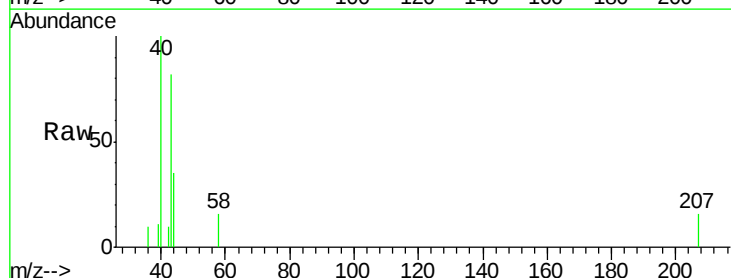
Acq: 23 Jul 2020 15:08

Tgt Ion: 43 Resp: 4056

Ion Ratio Lower Upper

43 100

58 19.3 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

1500

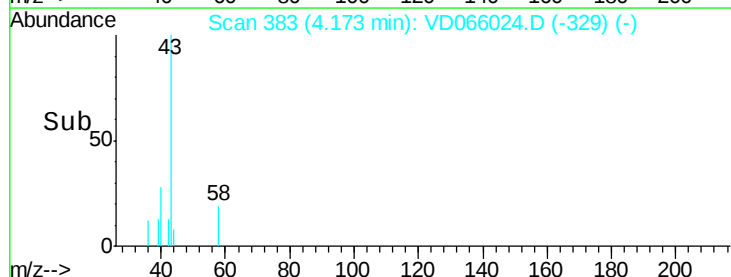
1000

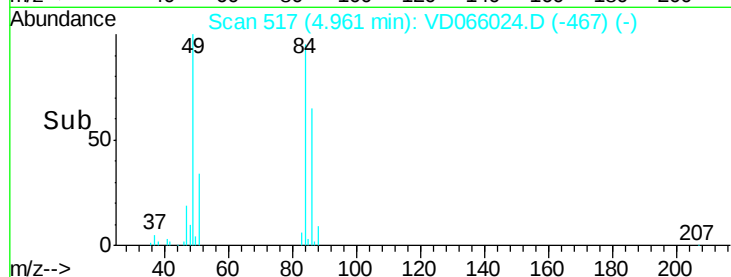
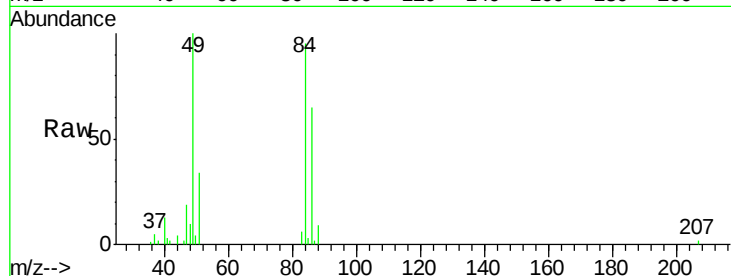
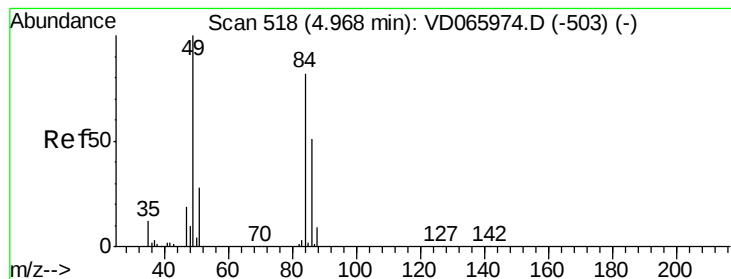
500

0

4.10 4.15 4.20

Time-->





#20

Methvlene Chloride

Concen: 11.266 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066024.D

Acq: 23 Jul 2020 15:08

Tot Ion:	84	Resp:	37878
Ion	Ratio	Lower	Upper
84	100		
49	105.0	97.7	146.5
51	35.7	27.4	41.2
86	68.6	49.4	74.2

Instrument :

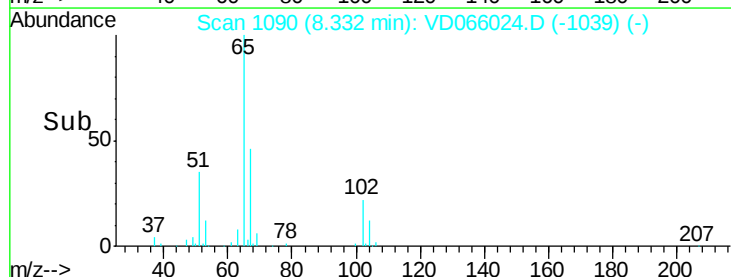
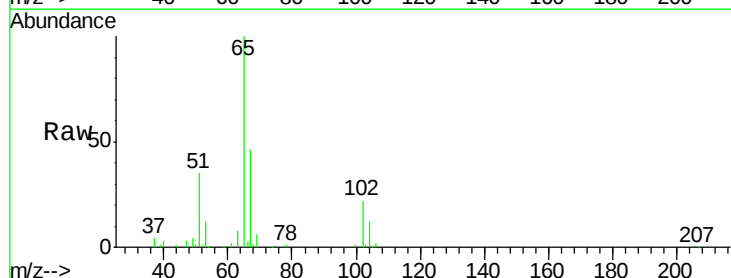
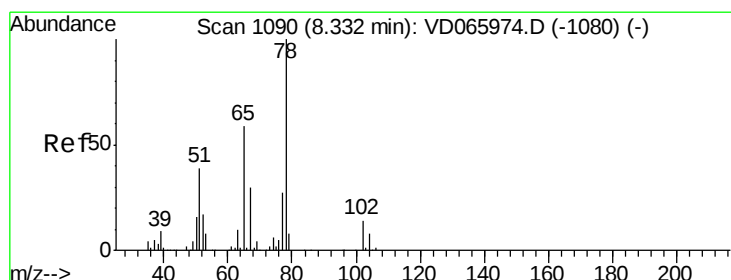
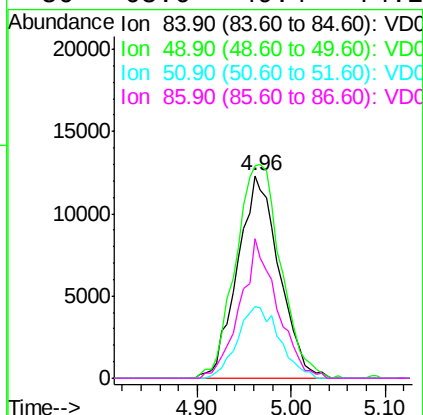
MSVOA_D

ClientSampleId :

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#33

1,2-Dichloroethane-d4

Concen: 53.915 ug/l

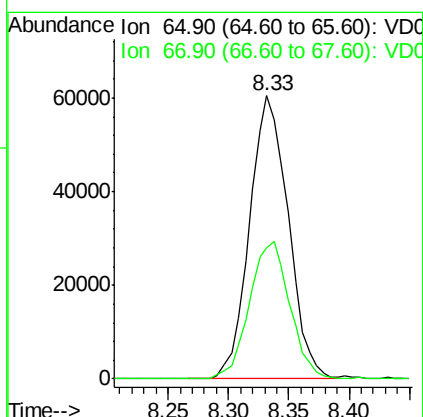
RT: 8.33 min Scan# 1090

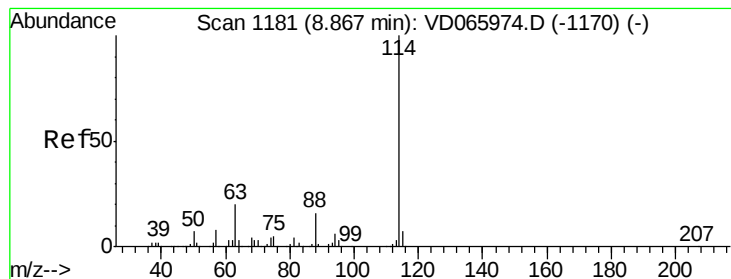
Delta R.T. -0.00 min

Lab File: VD066024.D

Acq: 23 Jul 2020 15:08

Tgt Ion:	65	Resp:	134530
Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD066024.D

Acq: 23 Jul 2020 15:08

Instrument :

MSVOA_D

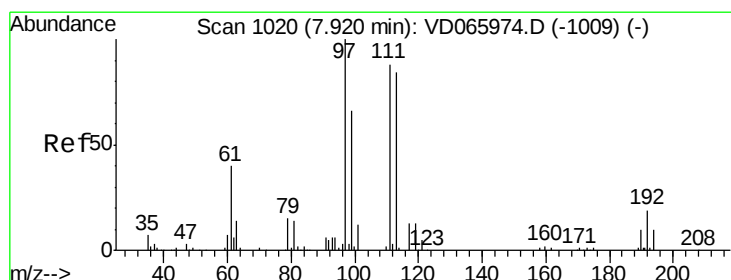
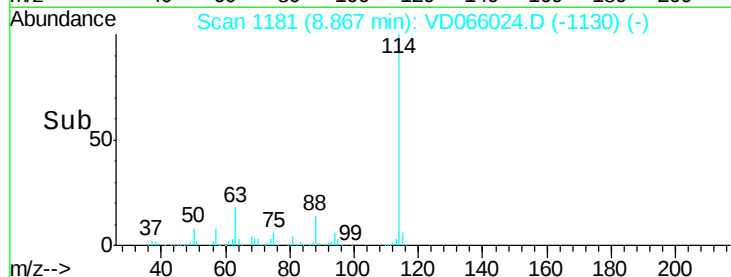
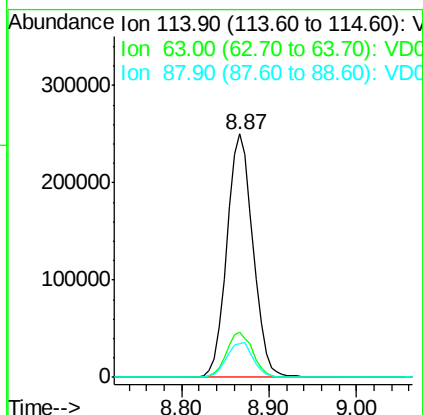
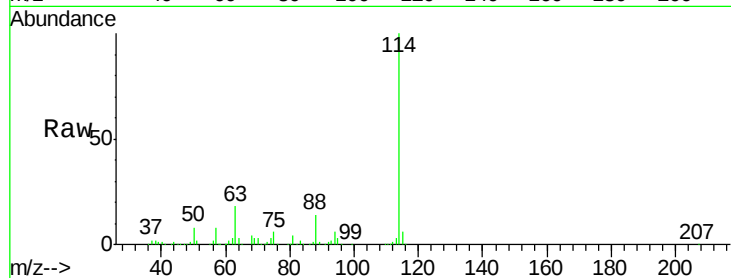
ClientSampleId :

347-GRID-B1-B2

Tot Ion	Ratio	Resp	Lower	Upper
114	100	508957		
63	18.3		0.0	39.6
88	14.0		0.0	31.2

Manual Integrations
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#35

Dibromofluoromethane

Concen: 50.009 ug/l

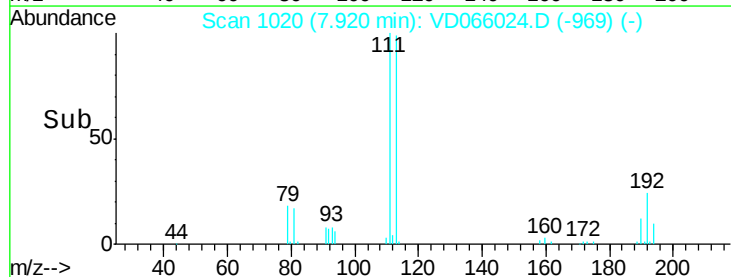
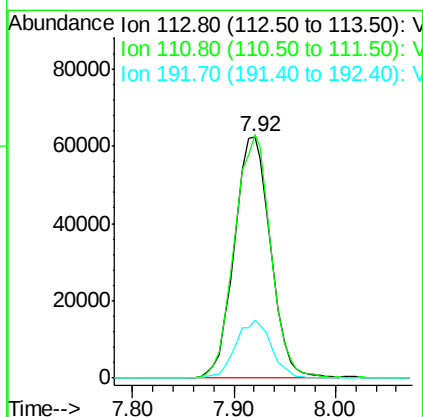
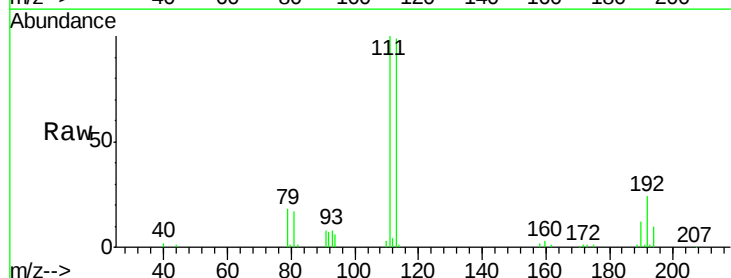
RT: 7.92 min Scan# 1020

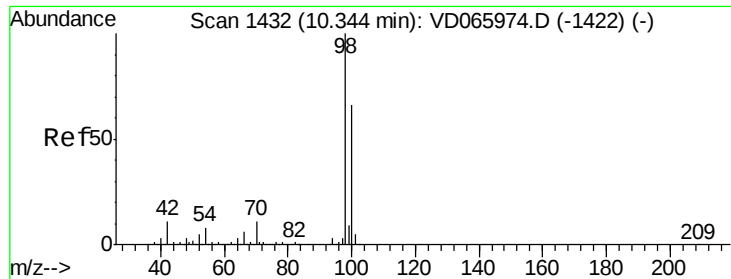
Delta R.T. -0.00 min

Lab File: VD066024.D

Acq: 23 Jul 2020 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	154376		
111	101.0		83.2	124.8
192	23.6		18.7	28.1





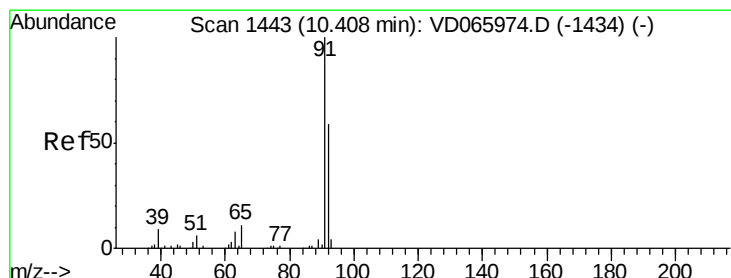
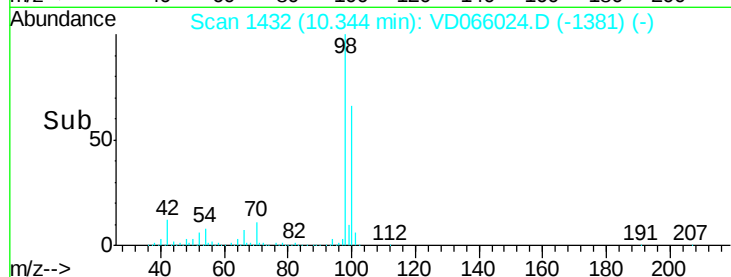
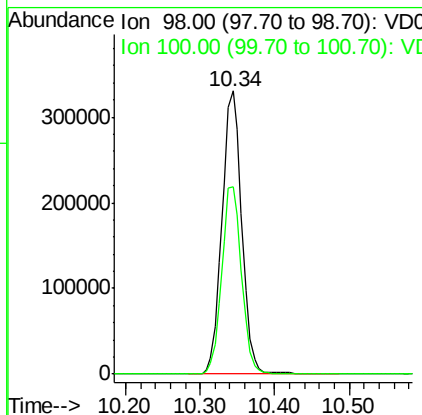
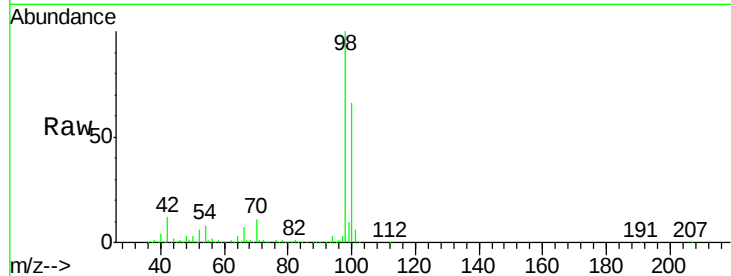
#50
Toluene-d8
Concen: 53.069 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066024.D
Acq: 23 Jul 2020 15:08

Instrument :
MSVOA_D
ClientSampleId :
347-GRID-B1-B2

Tot Ion: 98 Resp: 610289
Ion Ratio Lower Upper
98 100
100 66.3 52.7 79.1

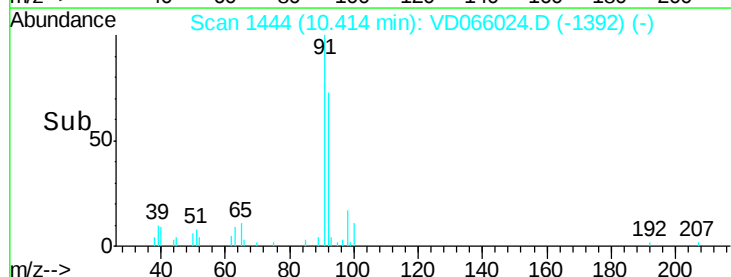
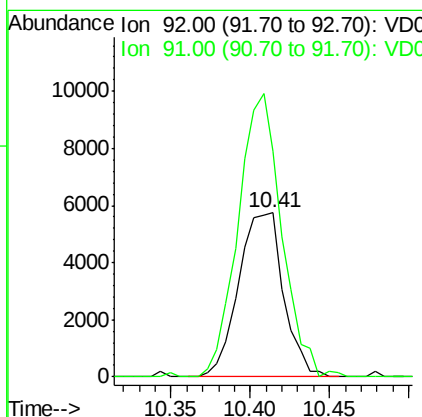
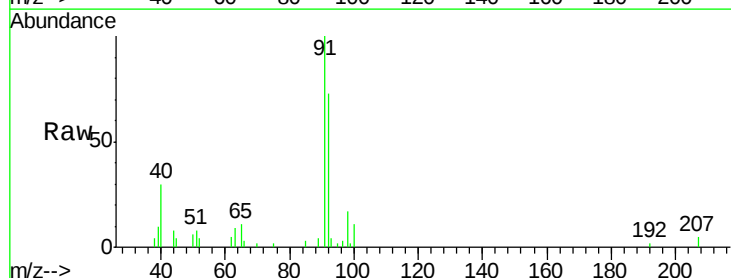
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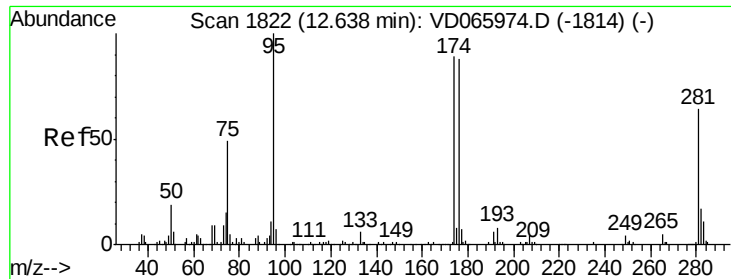
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#52
Toluene
Concen: 1.432 ug/l
RT: 10.41 min Scan# 1444
Delta R.T. 0.01 min
Lab File: VD066024.D
Acq: 23 Jul 2020 15:08

Tgt Ion: 92 Resp: 11345
Ion Ratio Lower Upper
92 100
91 166.6 134.5 201.7





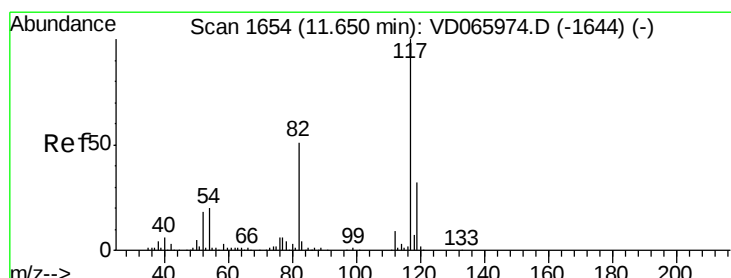
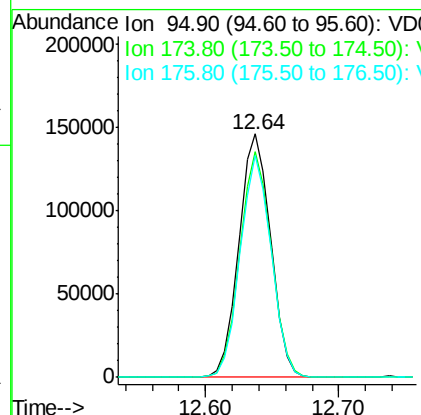
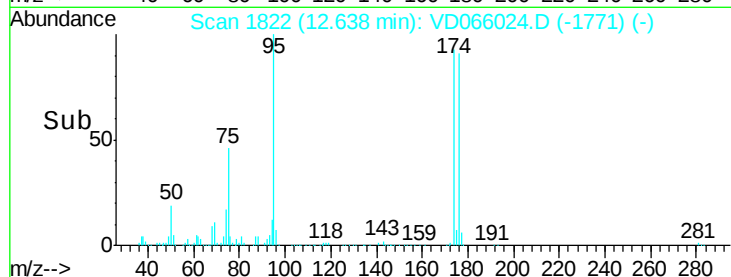
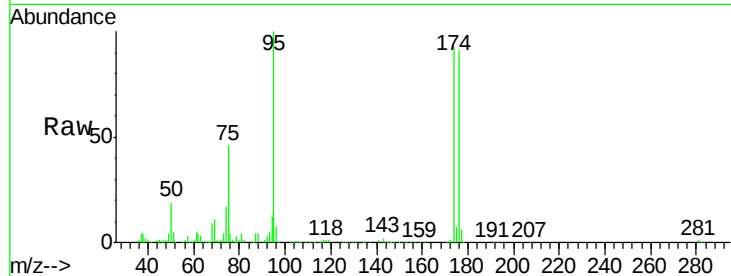
#62
4-Bromofluorobenzene
Concen: 60.449 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066024.D
Acq: 23 Jul 2020 15:08

Instrument :
MSVOA_D
ClientSampleId :
347-GRID-B1-B2

Tot Ion	Ratio	Resp	Lower	Upper
95	100	241035		
174	91.4	0.0	178.8	
176	88.7	0.0	172.6	

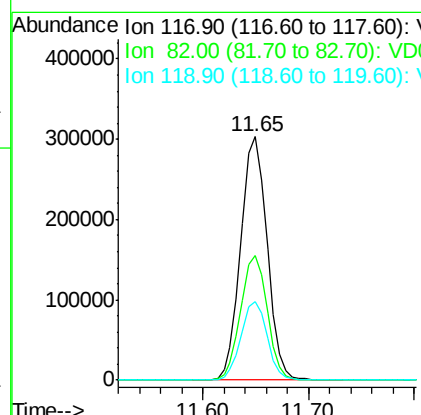
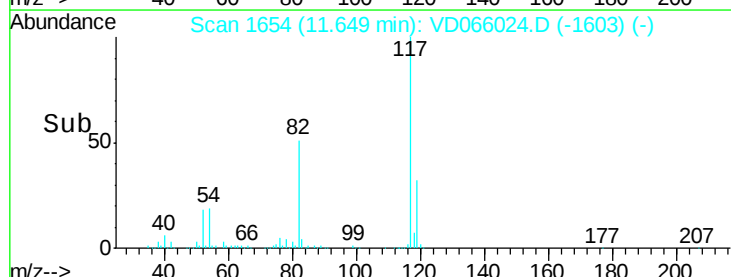
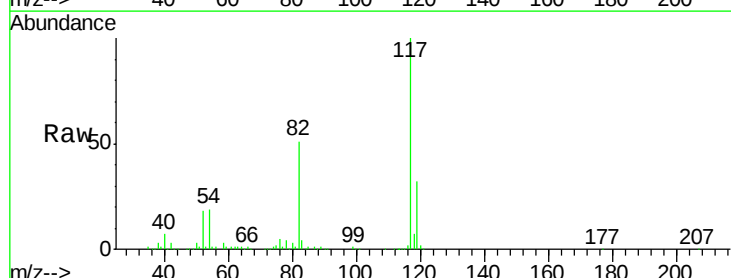
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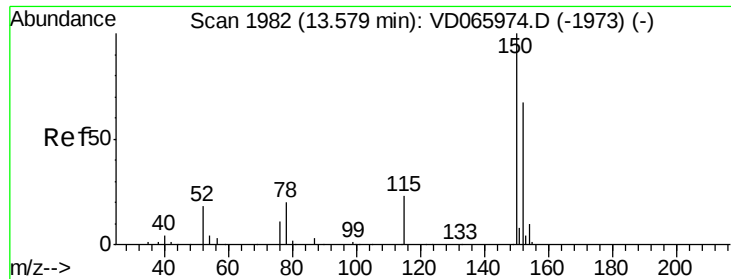
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066024.D
Acq: 23 Jul 2020 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	523723		
82	51.3	41.1	61.7	
119	32.1	25.9	38.9	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066024.D

Acq: 23 Jul 2020 15:08

Instrument :

MSVOA_D

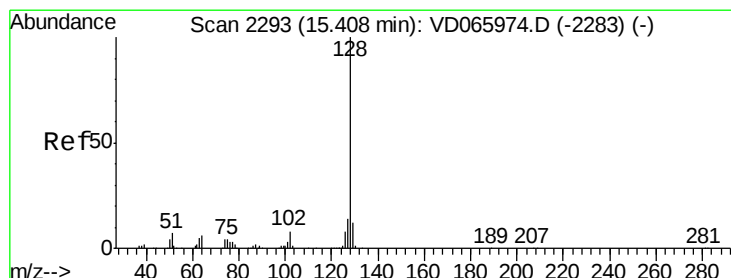
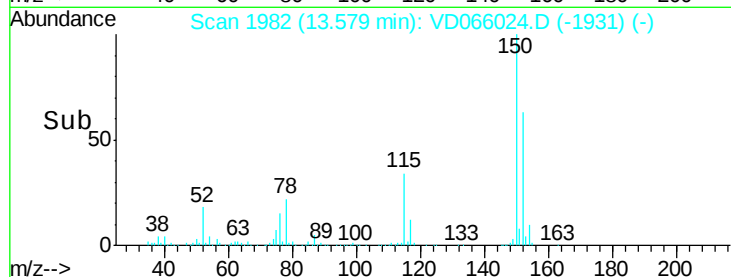
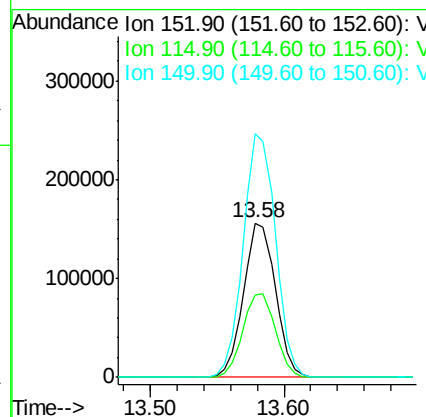
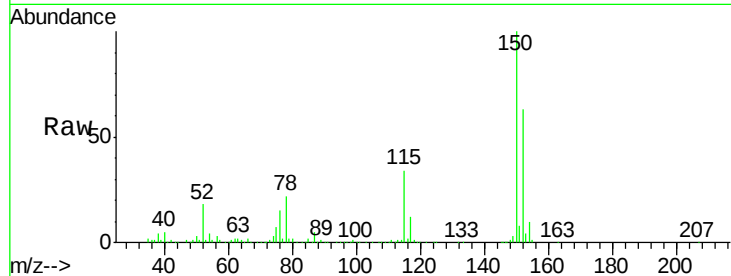
ClientSampleId :

347-GRID-B1-B2

Tot Ion:	152	Resp:	258737
Ion Ratio	Lower	Upper	
152	100		
115	55.5	27.9	83.7
150	159.4	0.0	348.2

Manual Integrations
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#95

Naphthalene

Concen: 6.711 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066024.D

Acq: 23 Jul 2020 15:08

Tgt Ion:	128	Resp:	27981
Ion Ratio	Lower	Upper	
128	100		
127	14.4	10.8	16.2
129	12.2	8.9	13.3

