

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066875.D
 Acq On : 25 Sep 2020 15:44
 Operator : VA/SY
 Sample : L4132-03
 Misc : 7.20G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-20413

Manual Integrations
 APPROVED

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 9/29/2020 11:45:23 AM

Quant Time: Sep 26 04:28:08 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	410096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	721794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	730528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	346773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	212874	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
35) Dibromofluoromethane	7.91	113	228423	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
50) Toluene-d8	10.34	98	869693	55.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.18%	
62) 4-Bromofluorobenzene	12.63	95	323150	60.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.66%	
Target Compounds						
8) Diethyl Ether	3.70	74	3656m	1.884	ug/l	Qvalue
16) Acetone	4.16	43	8299	9.747	ug/l	92
20) Methylene Chloride	4.96	84	66237	9.724	ug/l	93

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

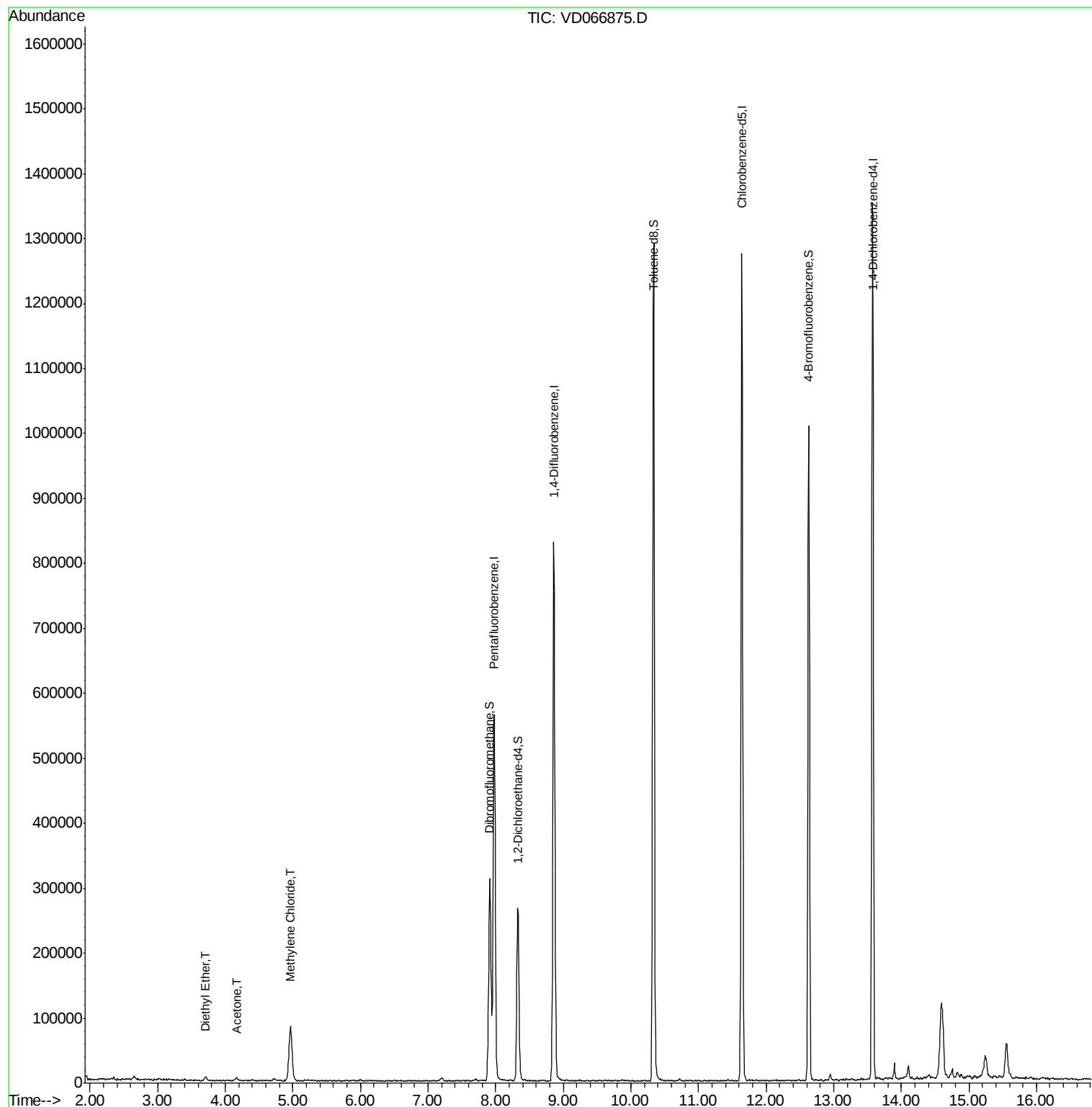
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092520\
Data File : VD066875.D
Acq On : 25 Sep 2020 15:44
Operator : VA/SY
Sample : L4132-03
Misc : 7.20G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

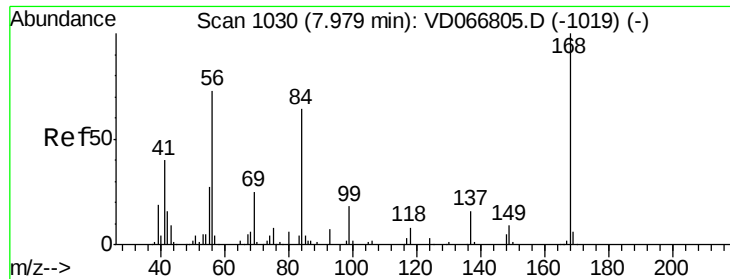
Instrument :
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Quant Time: Sep 26 04:28:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066875.D

Acq: 25 Sep 2020 15:44

Instrument :

MSVOA_D

ClientSampleId :

CHRT-20413

Tot Ion:168 Resp: 410096

Ion Ratio Lower Upper

168 100

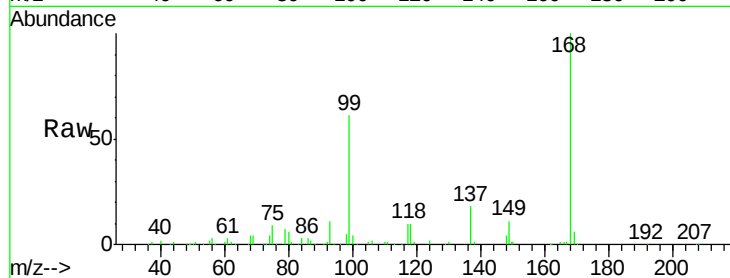
99 61.0 46.6 69.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

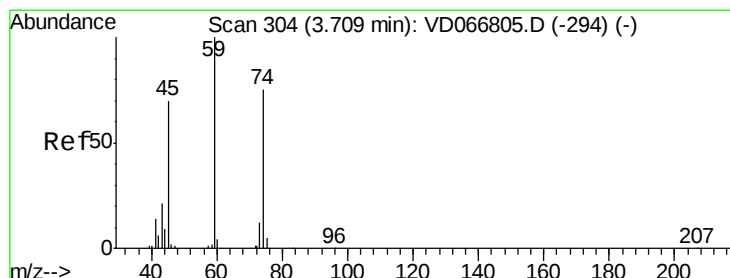
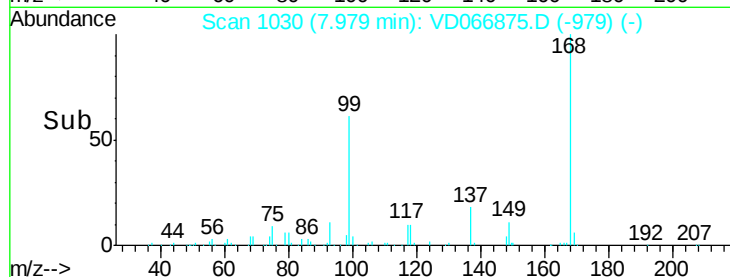
100000

50000

0

7.90 8.00 8.10

Time-->



#8

Diethyl Ether

Concen: 1.884 ug/l m

RT: 3.70 min Scan# 303

Delta R.T. -0.01 min

Lab File: VD066875.D

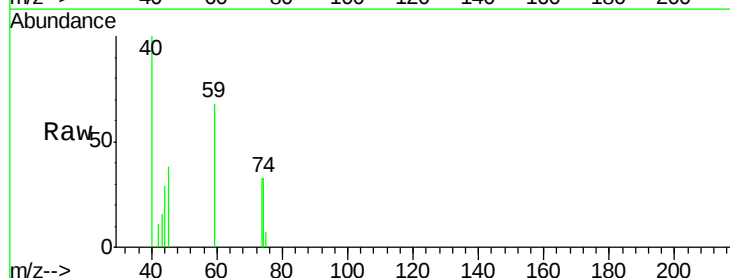
Acq: 25 Sep 2020 15:44

Tgt Ion: 74 Resp: 3656

Ion Ratio Lower Upper

74 100

45 78.6 46.0 138.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.70

2000

1500

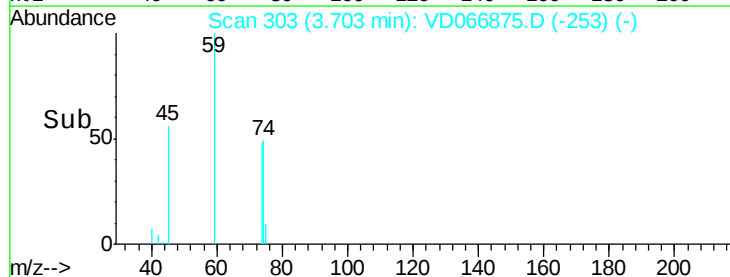
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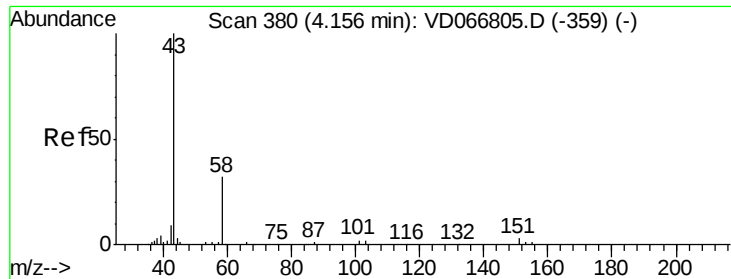
500

0

3.65 3.70 3.75

Time-->





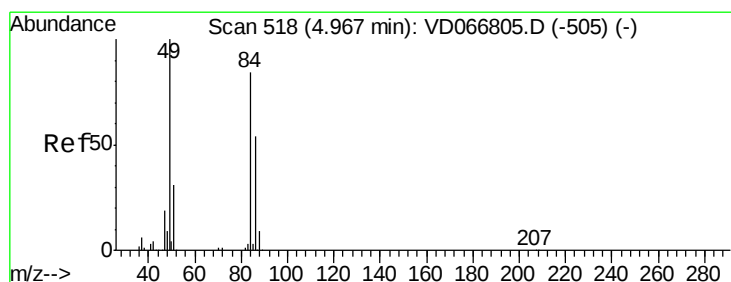
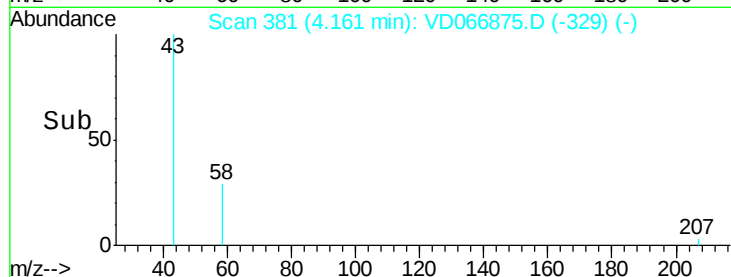
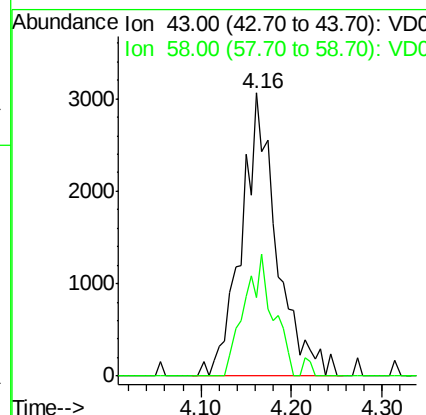
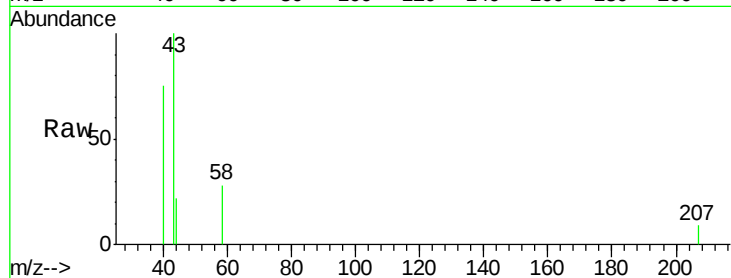
#16
Acetone
Concen: 9.747 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD066875.D
Acq: 25 Sep 2020 15:44

Instrument :
MSVOA_D
ClientSampleId :
CHRT-20413

Tot Ion: 43 Resp: 8299
Ion Ratio Lower Upper
43 100
58 27.5 25.6 38.4

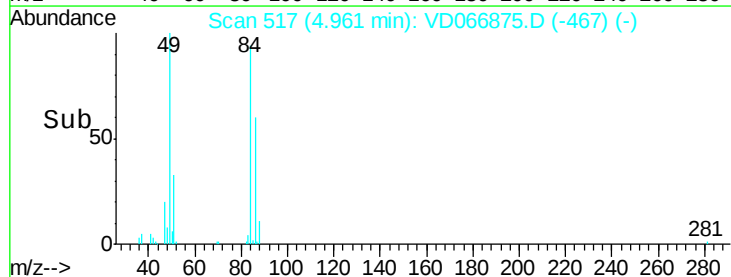
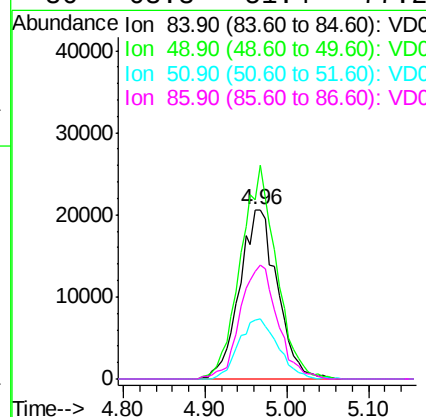
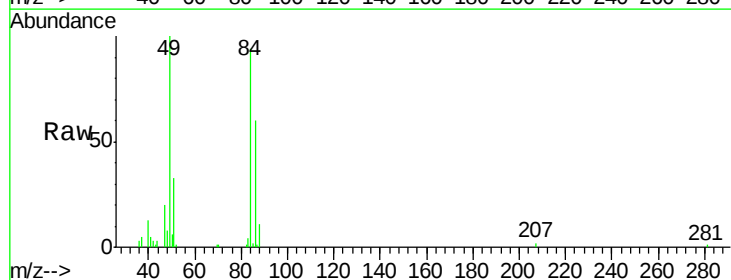
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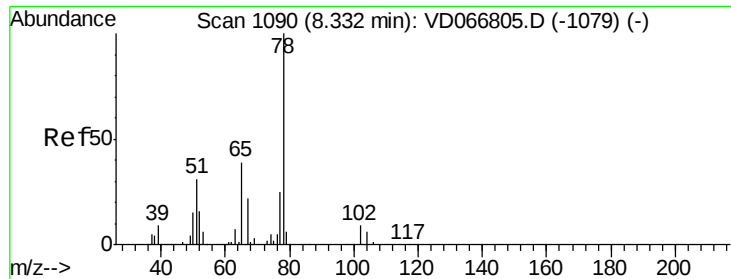
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#20
Methylene Chloride
Concen: 9.724 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066875.D
Acq: 25 Sep 2020 15:44

Tgt Ion: 84 Resp: 66237
Ion Ratio Lower Upper
84 100
49 106.0 95.4 143.2
51 34.9 29.7 44.5
86 63.3 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 53.035 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066875.D

Acq: 25 Sep 2020 15:44

Instrument :

MSVOA_D

ClientSampleId :

CHRT-20413

Tot Ion: 65 Resp: 212874

Ion Ratio Lower Upper

65 100

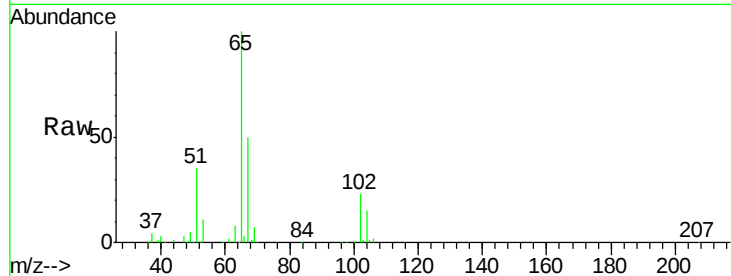
67 53.2 0.0 107.2

Manual Integrations

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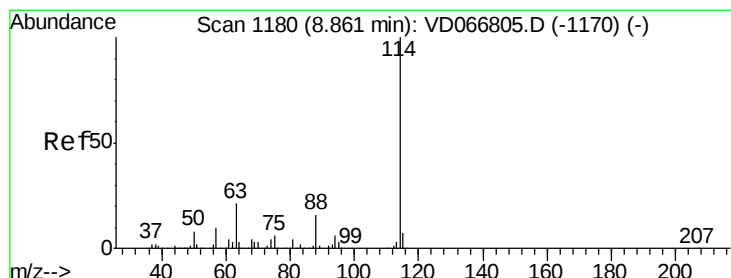
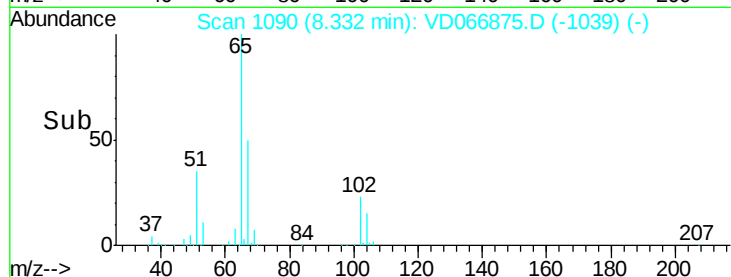
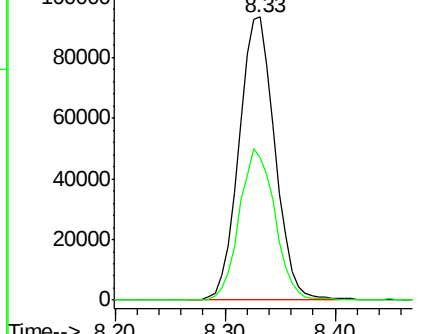
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Abundance Ion 64.90 (64.60 to 65.60): VDC

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: VD066875.D

Acq: 25 Sep 2020 15:44

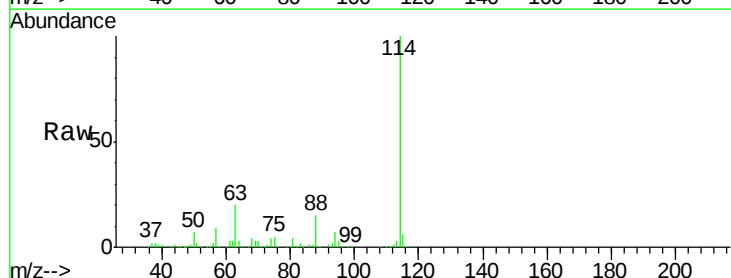
Tgt Ion: 114 Resp: 721794

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.6

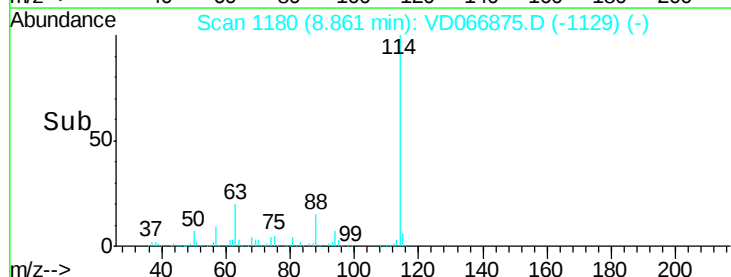
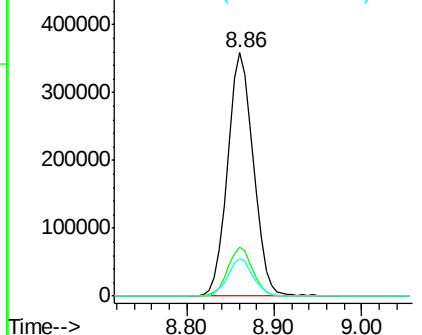
88 15.3 0.0 32.6

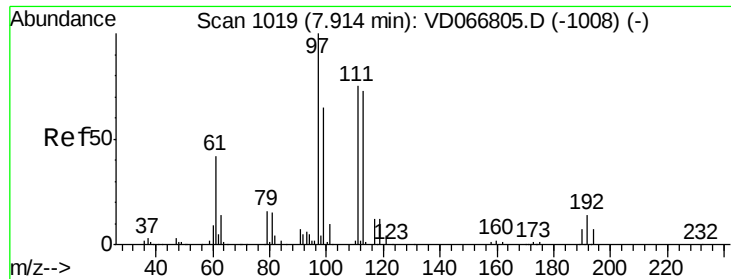


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





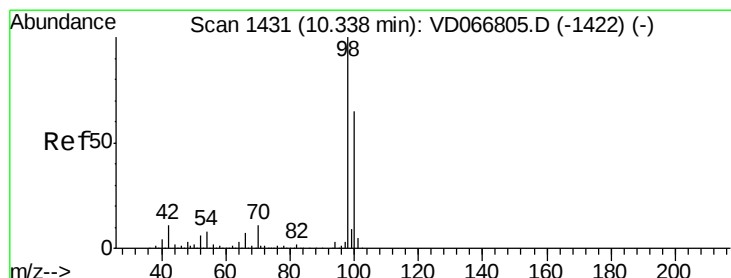
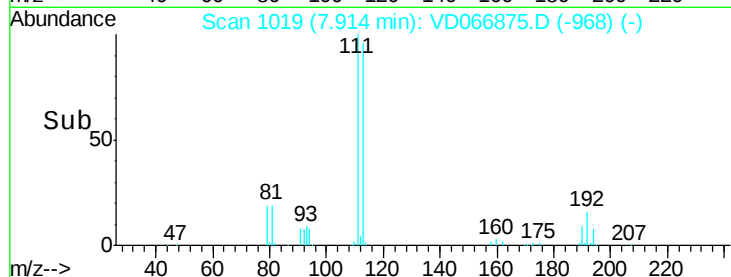
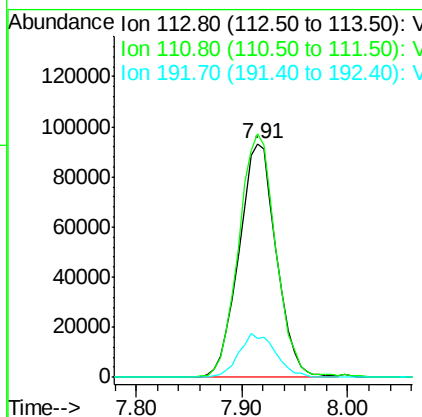
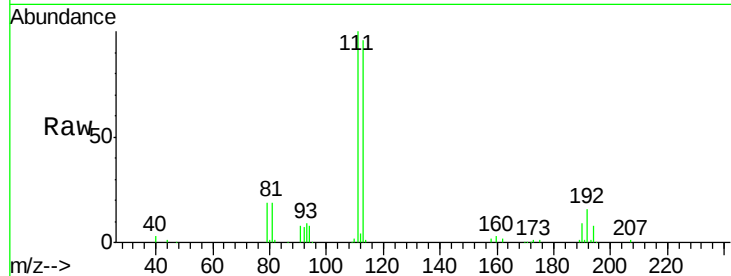
#35
Dibromofluoromethane
Concen: 49.743 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD066875.D
Acq: 25 Sep 2020 15:44

Instrument :
MSVOA_D
ClientSampleId :
CHRT-20413

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.8
192	18.7	14.4	21.6

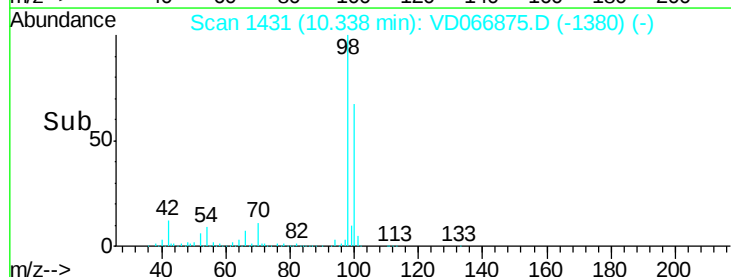
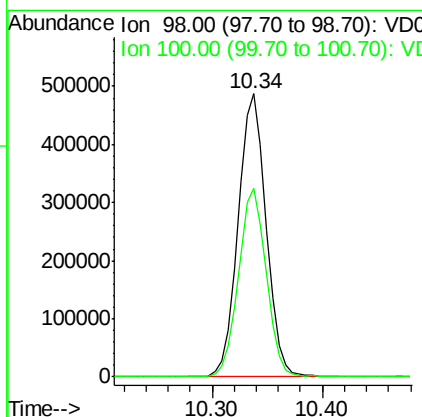
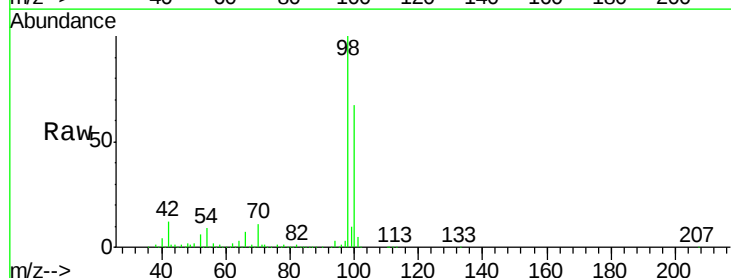
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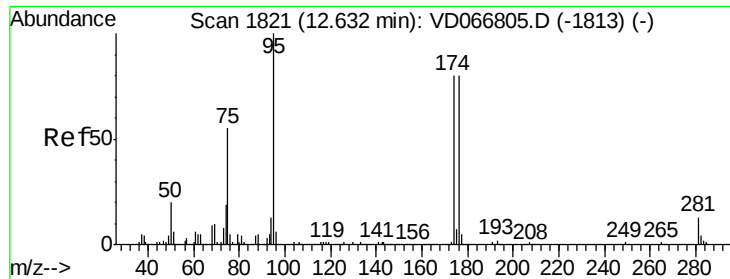
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#50
Toluene-d8
Concen: 55.586 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066875.D
Acq: 25 Sep 2020 15:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.2	78.2





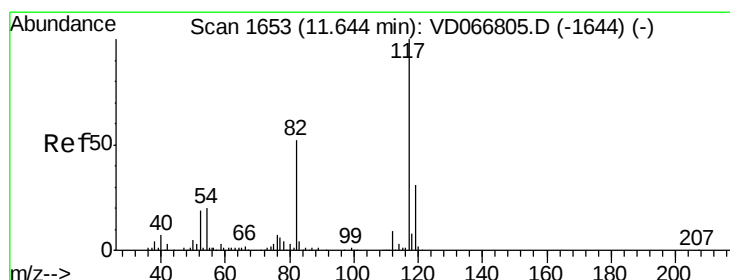
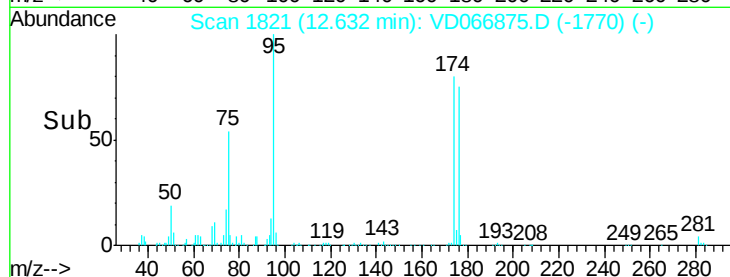
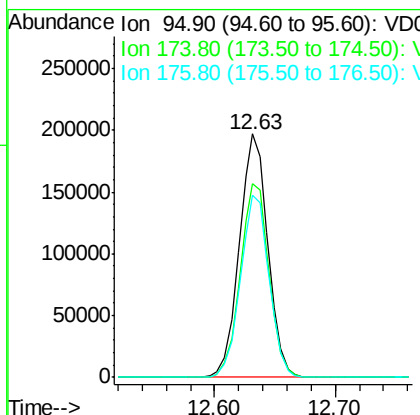
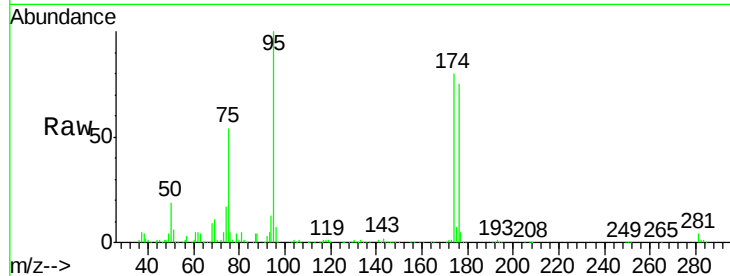
#62
4-Bromofluorobenzene
Concen: 60.333 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066875.D
Acq: 25 Sep 2020 15:44

Instrument :
MSVOA_D
ClientSampleId :
CHRT-20413

Tot Ion	Ratio	Resp	Lower	Upper
95	100	323150		
174	80.4	0.0	159.8	
176	75.2	0.0	154.4	

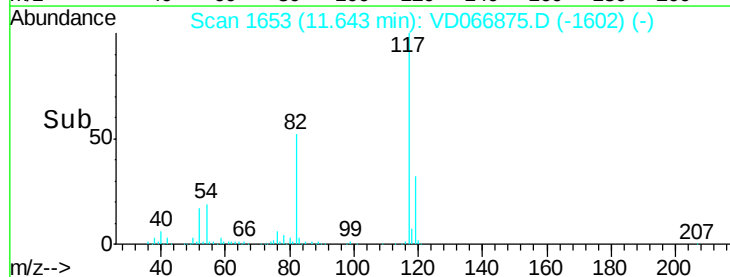
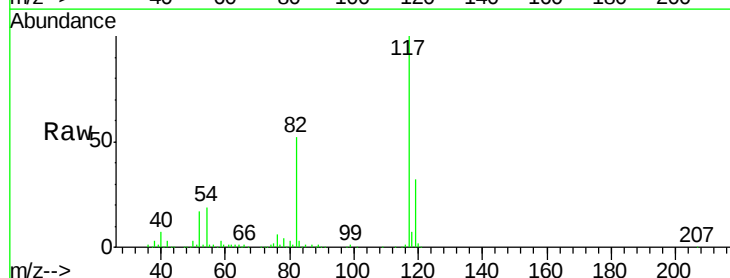
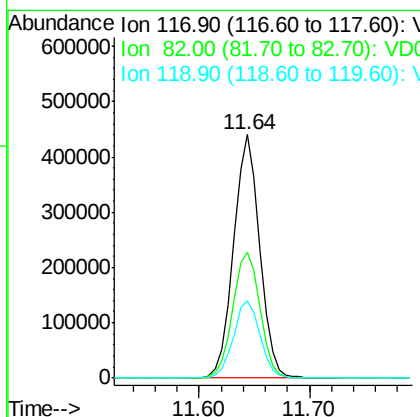
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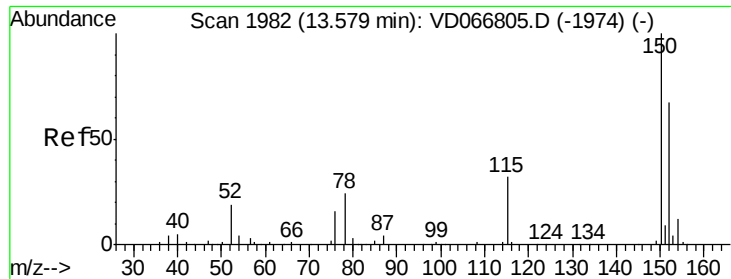
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066875.D
Acq: 25 Sep 2020 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	730528		
82	51.7	41.8	62.6	
119	31.5	24.6	37.0	





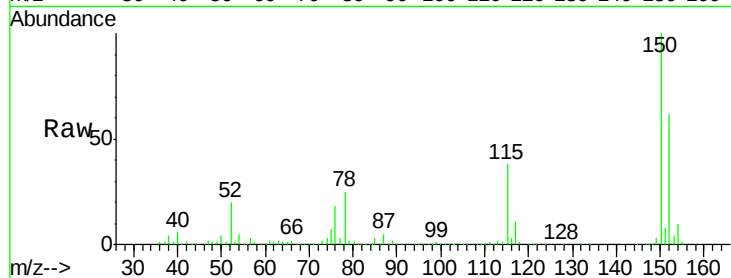
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: VD066875.D
 Acq: 25 Sep 2020 15:44

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-20413

Tot Ion	Ratio	Resp Lower	Upper
152	100		
115	60.0	30.3	91.0
150	156.5	0.0	346.2

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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

