

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102020\
 Data File : VD067324.D
 Acq On : 20 Oct 2020 15:18
 Operator : VA/SY
 Sample : L4436-02
 Misc : 12.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 33A

Manual Integrations
 APPROVED

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 10/21/2020 2:52:00 PM

Quant Time: Oct 21 02:37:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	276457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	483936	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	463476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	207139	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	164995	59.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.14%	
35) Dibromofluoromethane	7.92	113	154132	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
50) Toluene-d8	10.34	98	575624	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.64	95	195840	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
Target Compounds						
16) Acetone	4.16	43	10699	27.582	ug/l #	87
18) Methyl Acetate	4.72	43	2461m	2.782	ug/l	

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

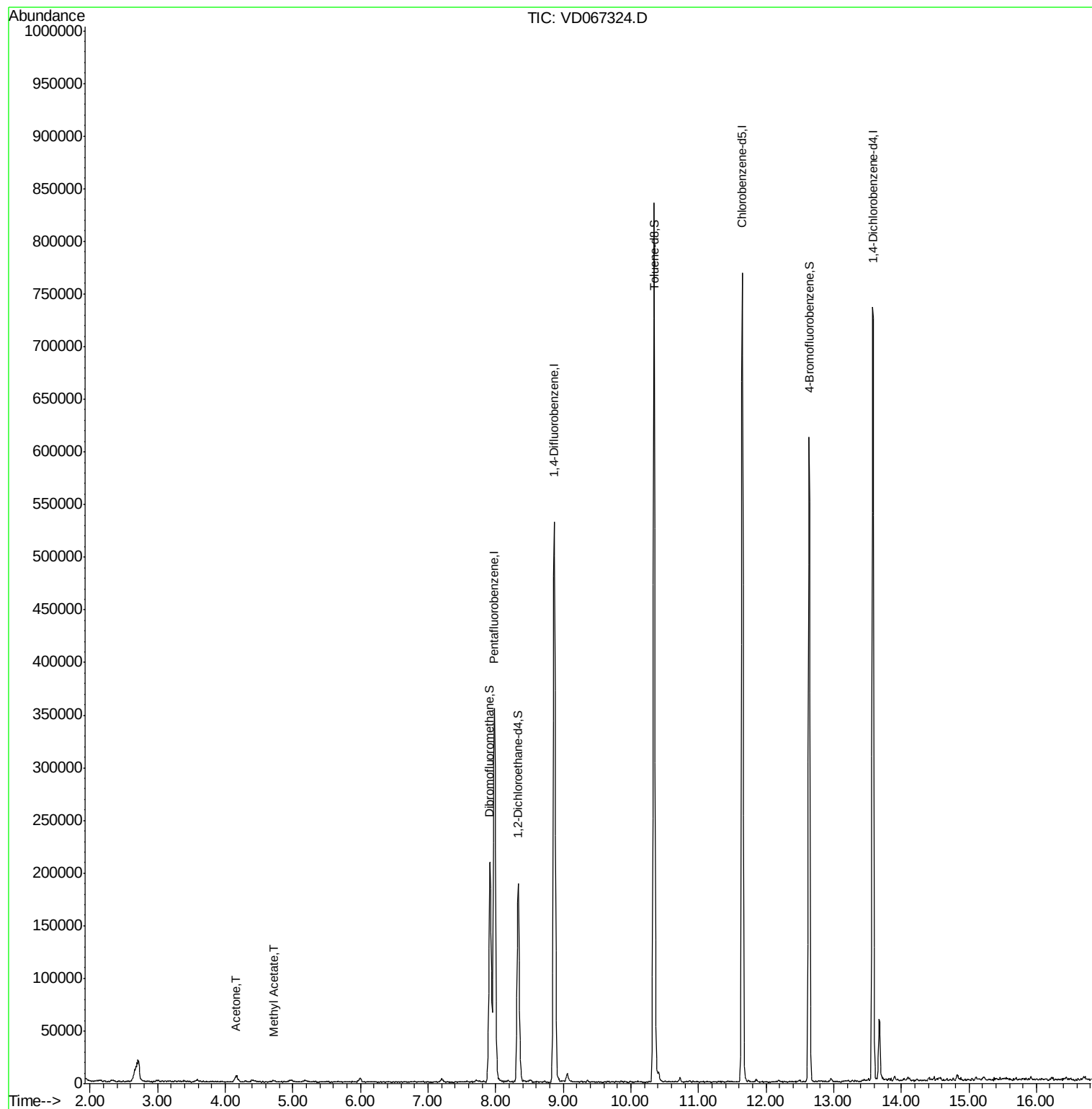
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102020\
Data File : VD067324.D
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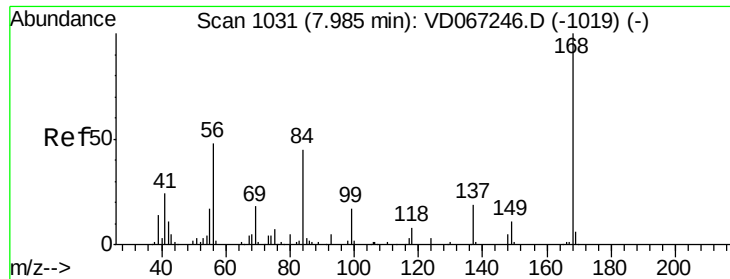
Instrument :
MSVOA_D
ClientSampleId :
33A

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Quant Time: Oct 21 02:37:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067324.D

Acq: 20 Oct 2020 15:18

Instrument :

MSVOA_D

ClientSampled :

33A

Tot Ion:168 Resp: 276457

Ion Ratio Lower Upper

168 100

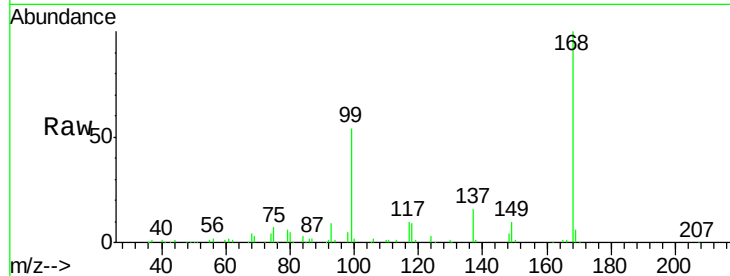
99 54.2 45.9 68.9

Manual Integrations

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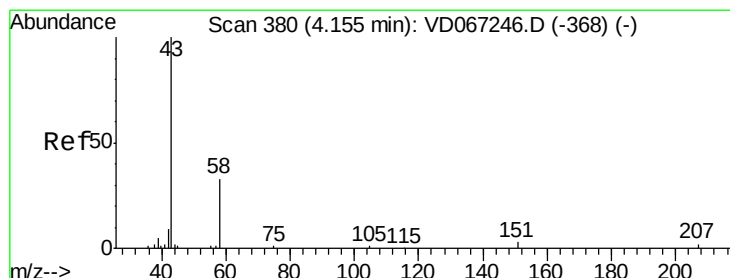
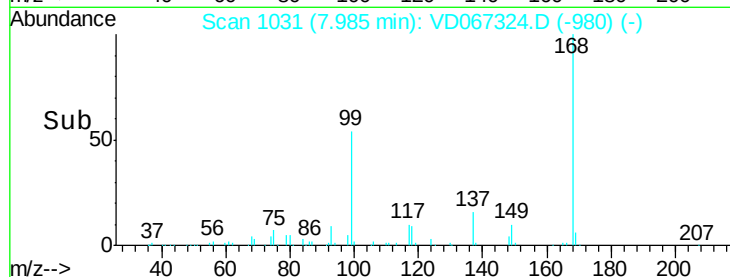
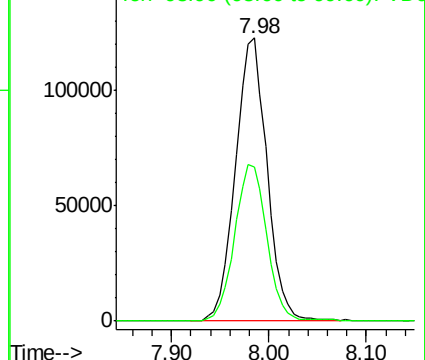
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 27.582 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD067324.D

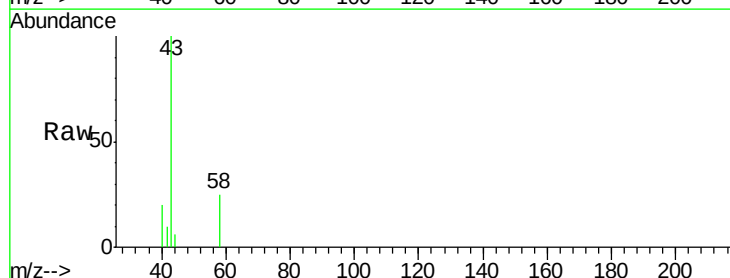
Acq: 20 Oct 2020 15:18

Tgt Ion: 43 Resp: 10699

Ion Ratio Lower Upper

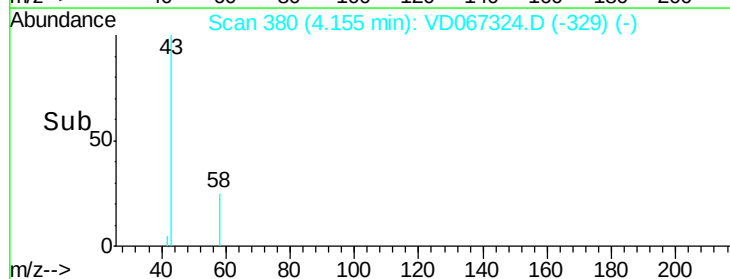
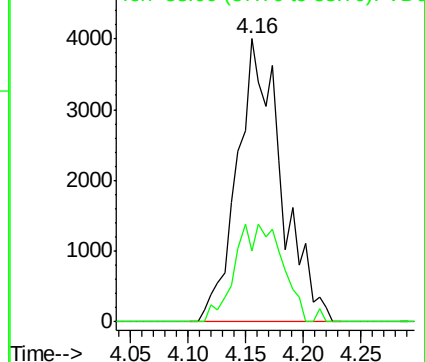
43 100

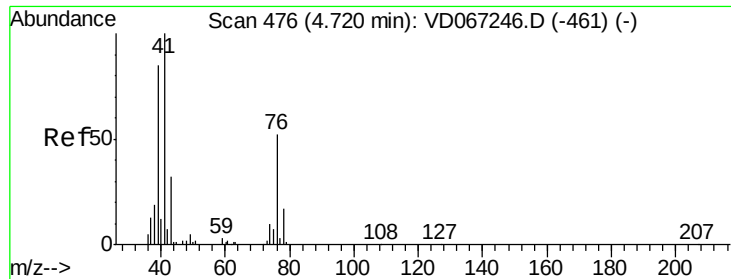
58 25.3 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





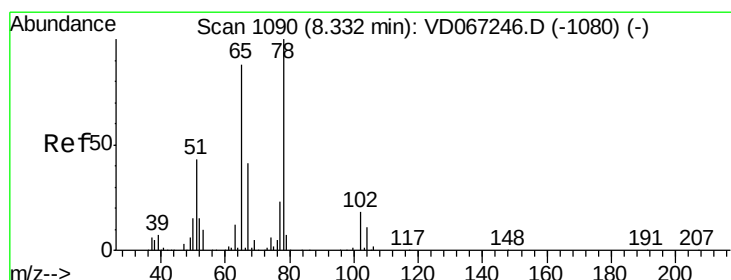
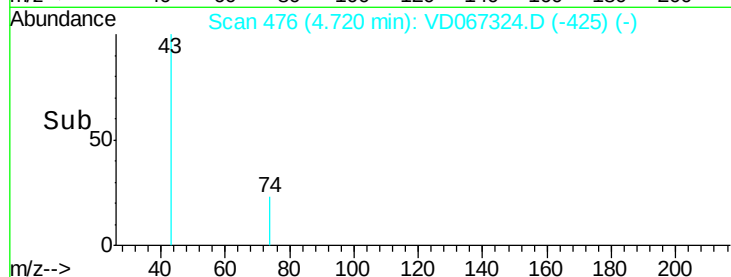
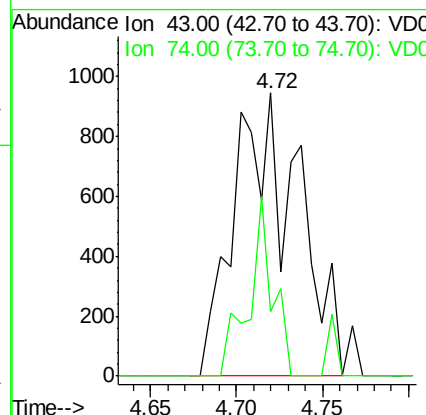
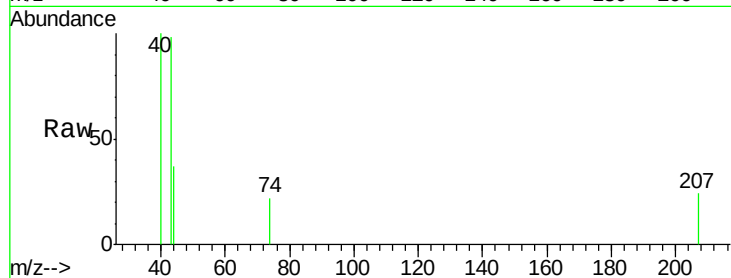
#18
Methyl Acetate
Concen: 2.782 ug/l m
RT: 4.72 min Scan# 476
Delta R.T. -0.00 min
Lab File: VD067324.D
Acq: 20 Oct 2020 15:18

Instrument :
MSVOA_D
ClientSampled :
33A

Tot Ion: 43 Resp: 2461
Ion Ratio Lower Upper
43 100
74 24.2 26.6 39.8#

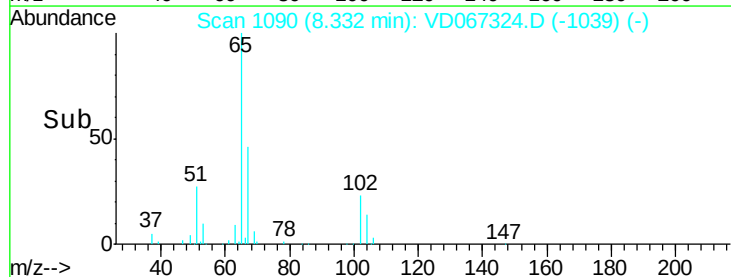
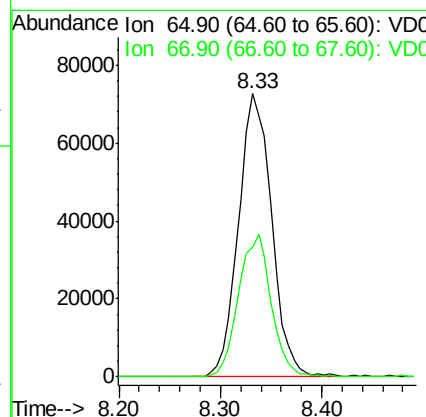
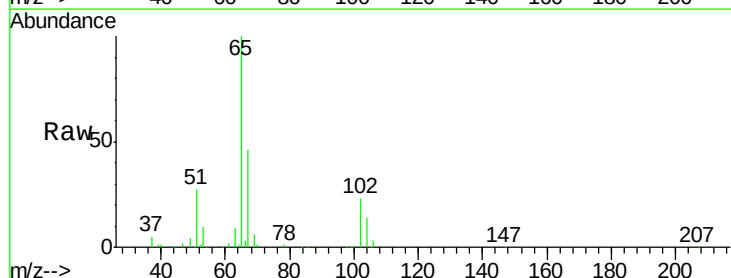
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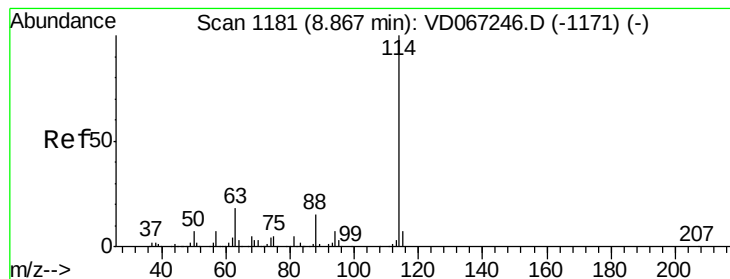
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#33
1,2-Dichloroethane-d4
Concen: 59.572 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD067324.D
Acq: 20 Oct 2020 15:18

Tgt Ion: 65 Resp: 164995
Ion Ratio Lower Upper
65 100
67 49.6 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD067324.D

Acq: 20 Oct 2020 15:18

Instrument :

MSVOA_D

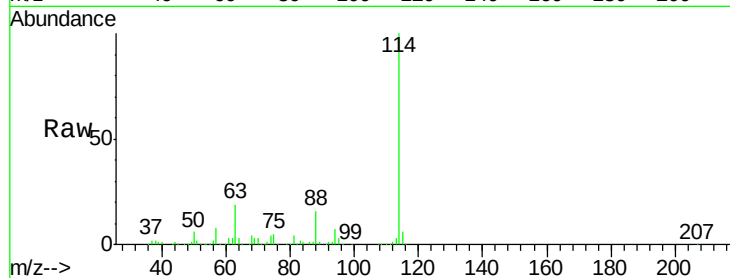
ClientSampled :

33A

Tot Ion:	114	Resp:	483936
Ion Ratio	Lower	Upper	
114	100		
63	18.7	0.0	35.0
88	15.6	0.0	30.6

Manual Integrations
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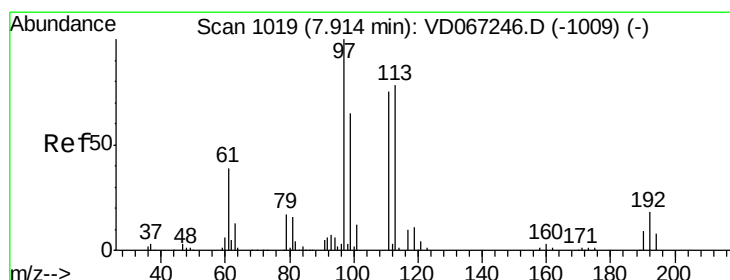
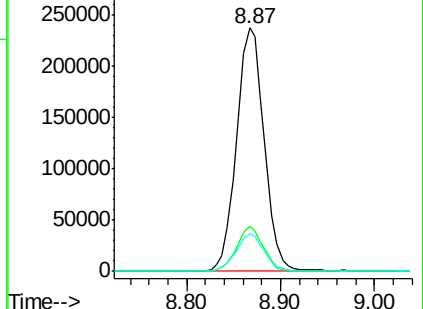
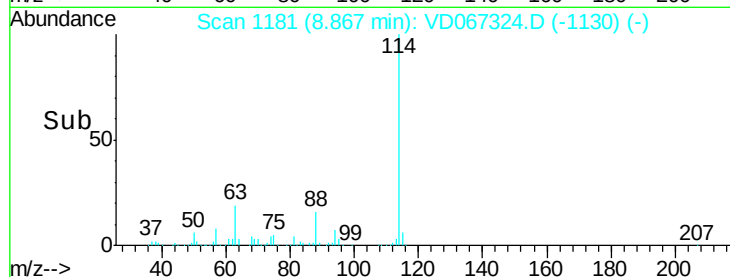
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 47.858 ug/l

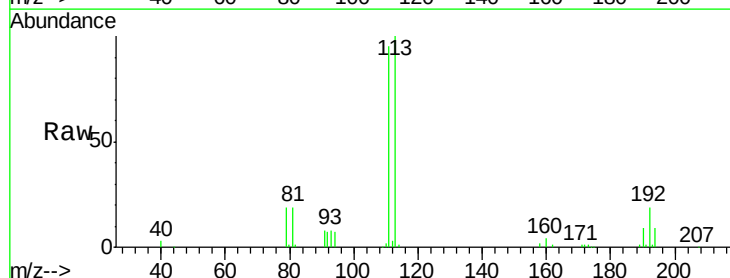
RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067324.D

Acq: 20 Oct 2020 15:18

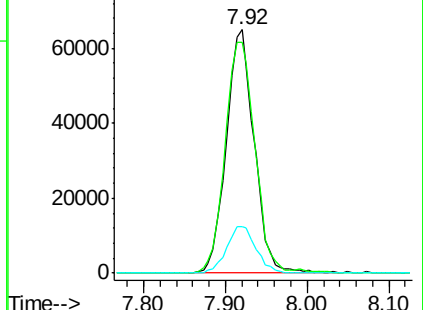
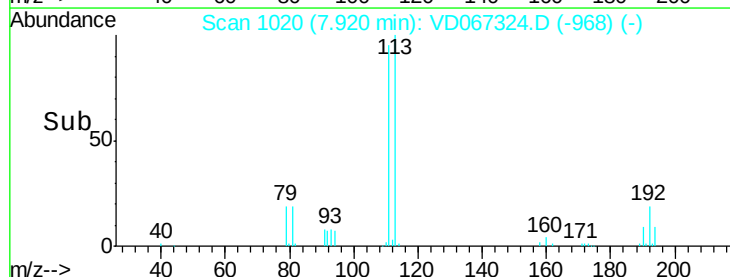
Tgt Ion:	113	Resp:	154132
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.6	122.4
192	20.1	17.0	25.4

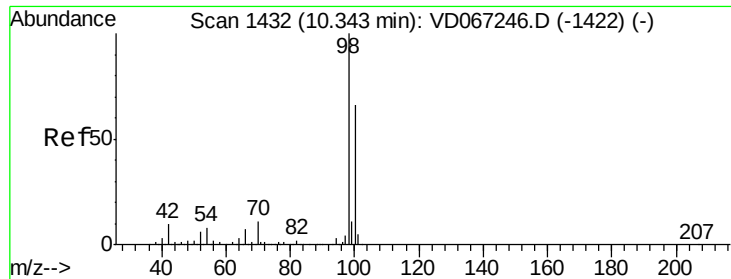


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





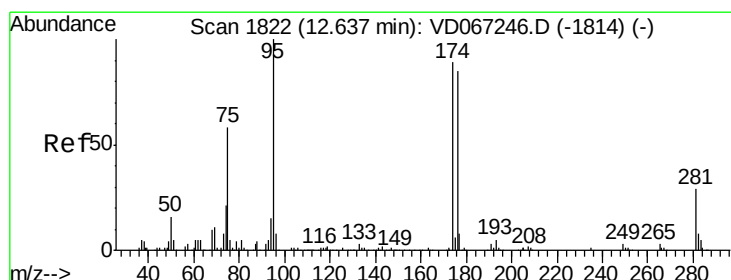
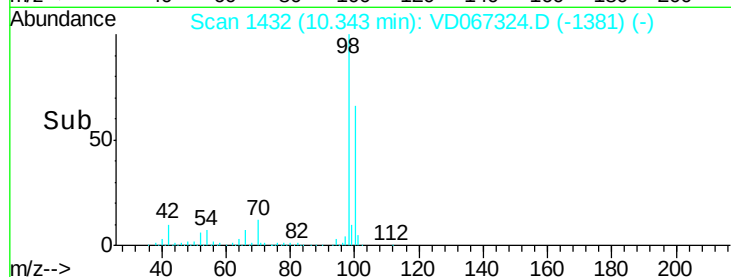
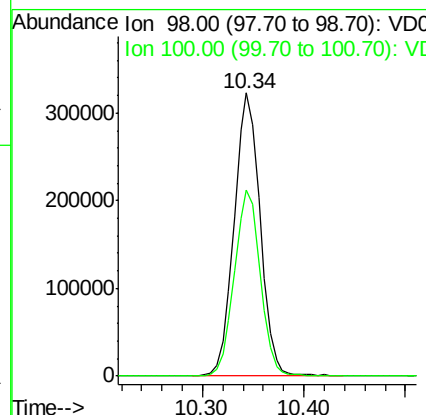
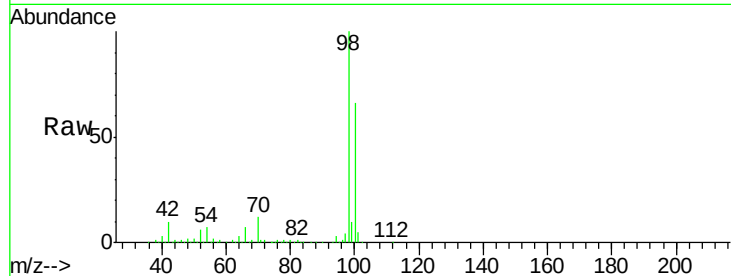
#50
Toluene-d8
Concen: 49.388 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067324.D
Acq: 20 Oct 2020 15:18

Instrument :
MSVOA_D
ClientSampled :
33A

Tot Ion: 98 Resp: 575624
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7

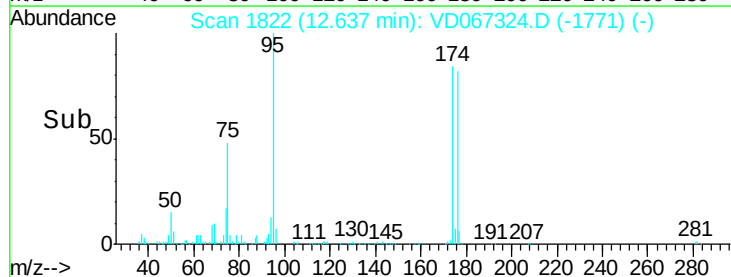
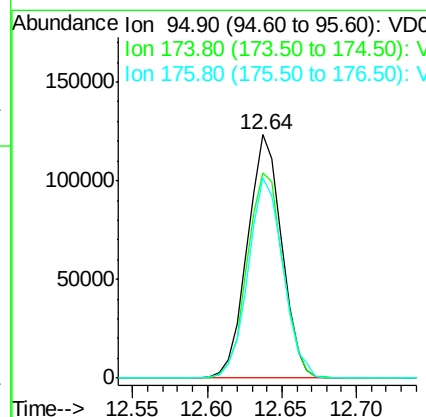
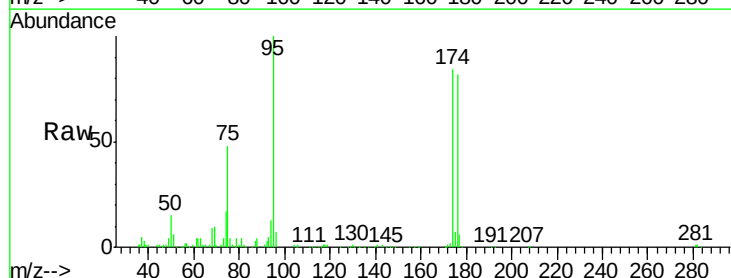
Manual Integrations
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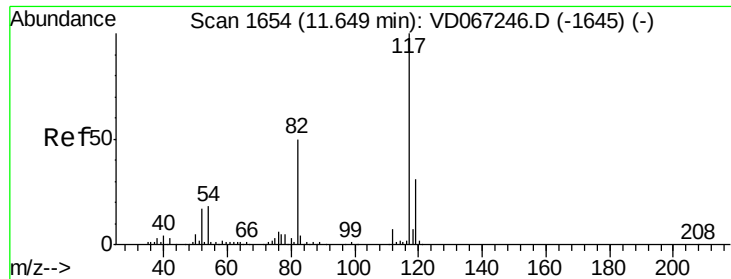
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#62
4-Bromofluorobenzene
Concen: 48.323 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067324.D
Acq: 20 Oct 2020 15:18

Tgt Ion: 95 Resp: 195840
Ion Ratio Lower Upper
95 100
174 87.8 0.0 175.2
176 83.6 0.0 168.6





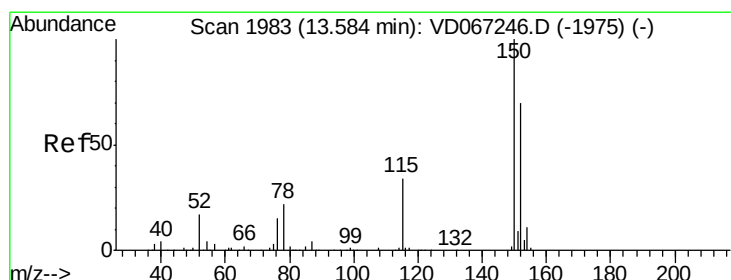
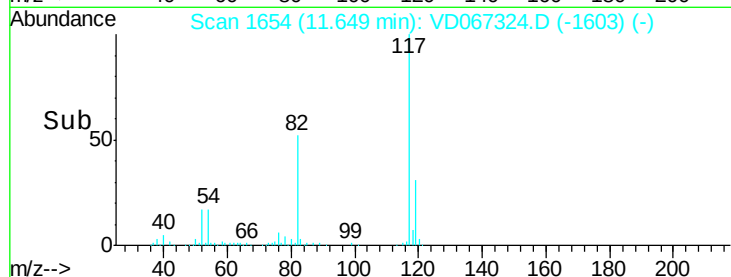
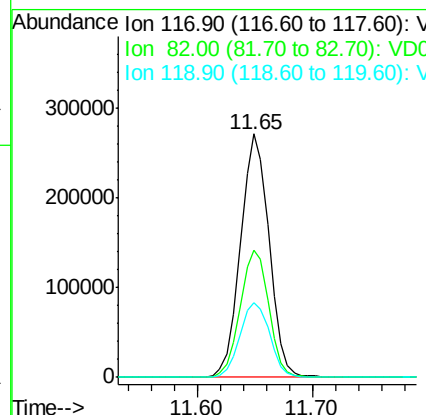
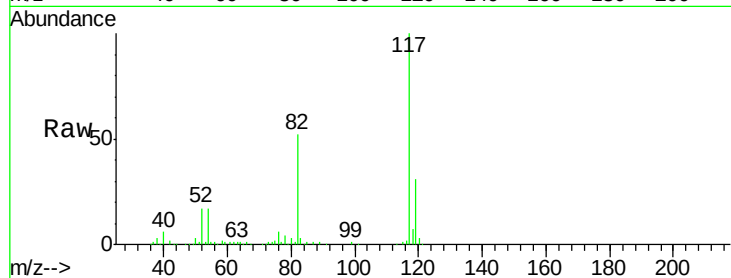
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067324.D
Acq: 20 Oct 2020 15:18

Instrument :
MSVOA_D
ClientSampled :
33A

Tot Ion	Ratio	Resp	Lower	Upper
117	100	463476		
82	52.3		39.9	59.9
119	30.8		24.9	37.3

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD067324.D
Acq: 20 Oct 2020 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	207139		
115	60.1		29.3	87.9
150	160.2		0.0	339.0

