

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067024.D
 Acq On : 02 Oct 2020 07:00
 Operator : VA/SY
 Sample : L4213-07
 Misc : 5.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-16(9-11)

Manual Integrations
 APPROVED

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 10/2/2020 3:13:44 PM

Quant Time: Oct 02 07:27:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	380252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	633541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	613842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	312003	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	212757	58.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.18%	
35) Dibromofluoromethane	7.92	113	213948	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
50) Toluene-d8	10.34	98	765198	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.63	95	288125	56.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.32%	
Target Compounds						
16) Acetone	4.17	43	4323m	7.732	ug/l	Qvalue
86) p-Isopropyltoluene	13.52	119	146261	7.432	ug/l	92

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

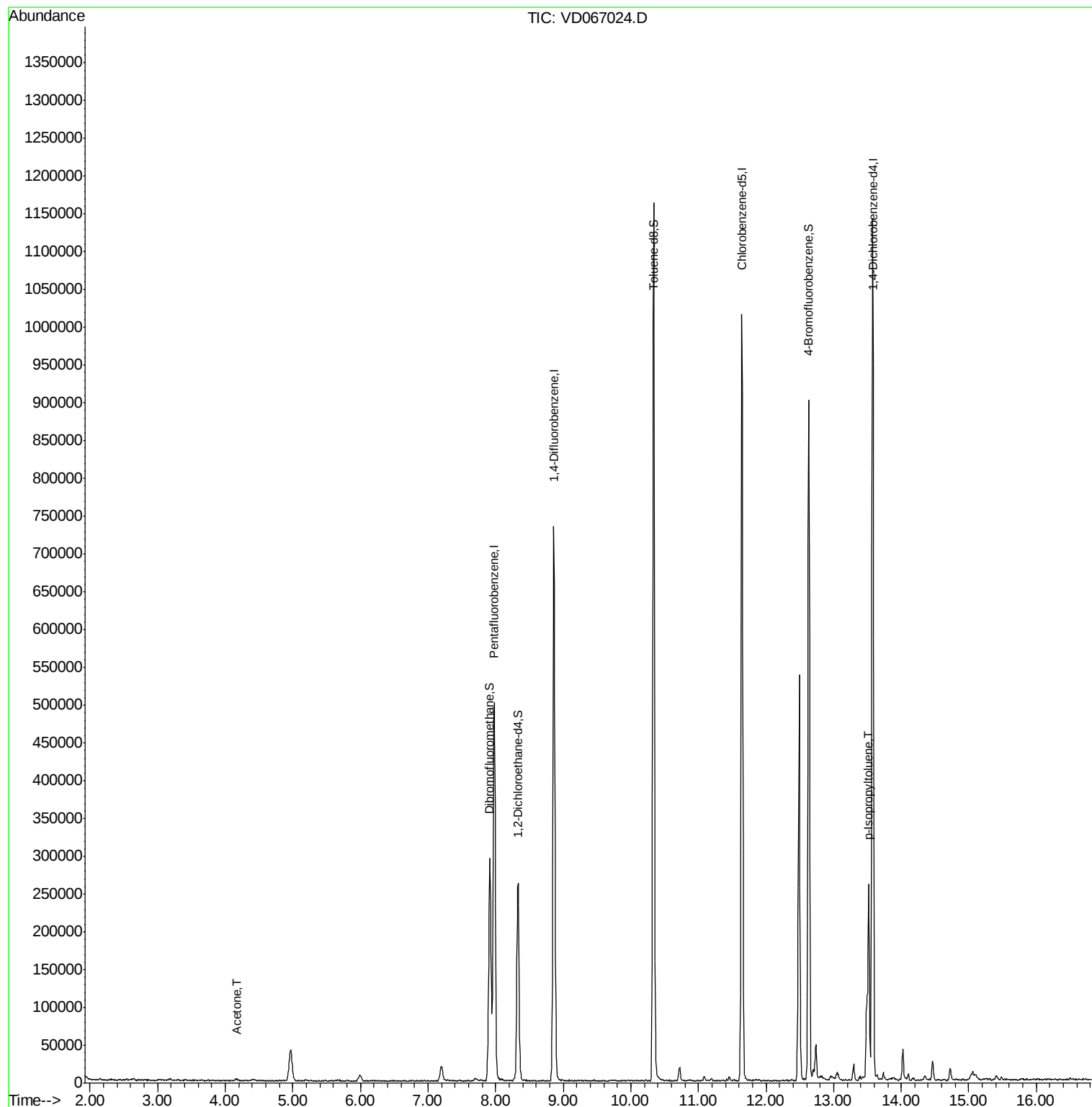
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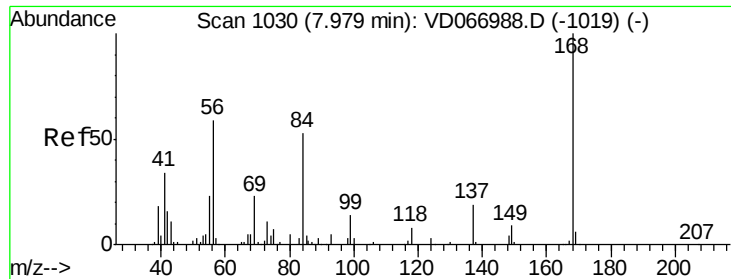
Instrument :
MSVOA_D
ClientSampleId :
B-16(9-11)

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Quant Time: Oct 02 07:27:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 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: VD067024.D

Acq: 02 Oct 2020 07:00

Instrument :

MSVOA_D

ClientSampleId :

B-16(9-11)

Tot Ion:168 Resp: 380252

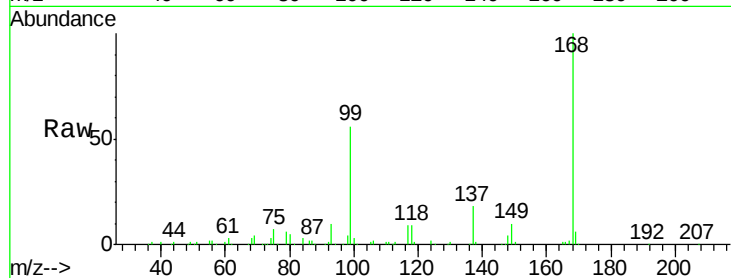
Ion Ratio Lower Upper

168 100

99 55.7 44.1 66.1

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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

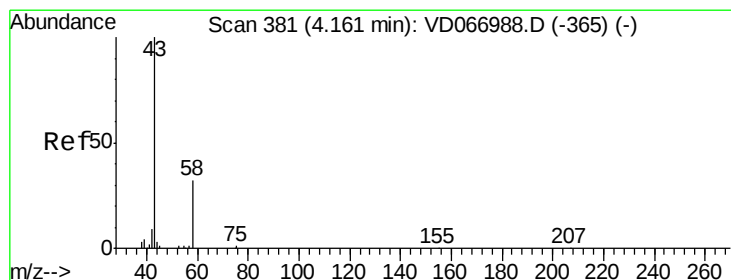
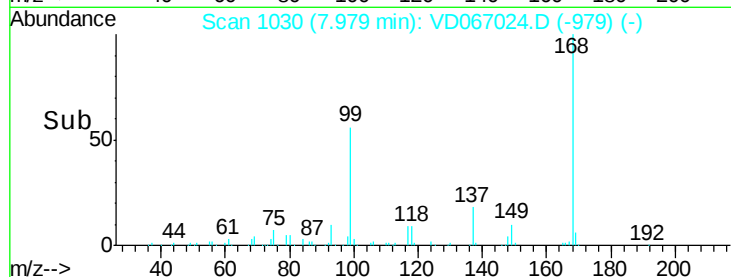
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.732 ug/l m

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD067024.D

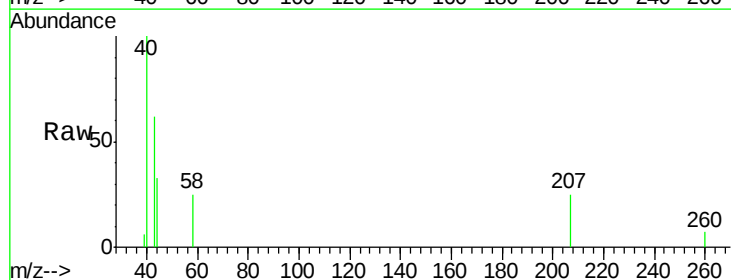
Acq: 02 Oct 2020 07:00

Tgt Ion: 43 Resp: 4323

Ion Ratio Lower Upper

43 100

58 40.6 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

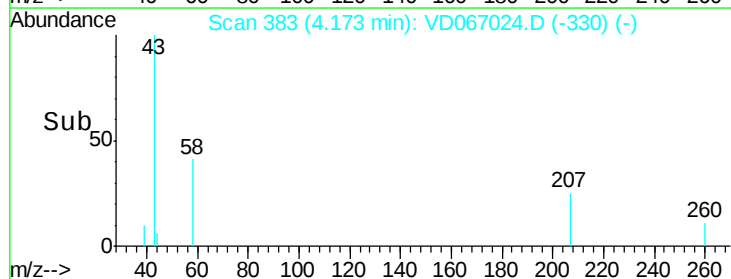
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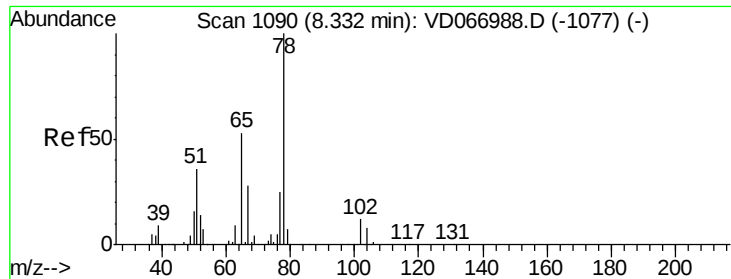
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Time-->





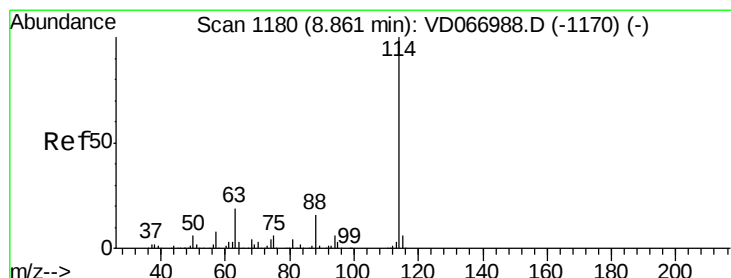
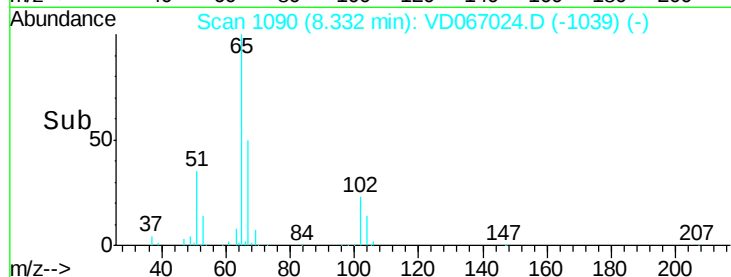
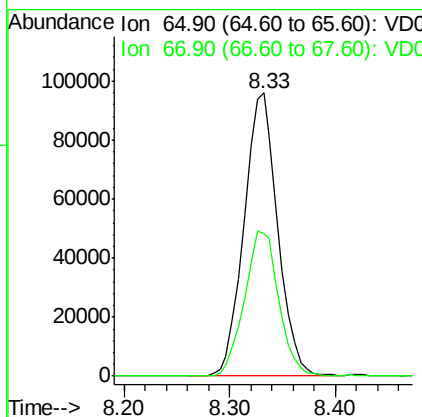
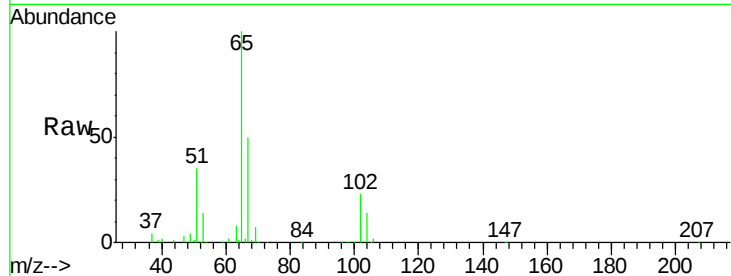
#33
 1,2-Dichloroethane-d4
 Concen: 58.090 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067024.D
 Acq: 02 Oct 2020 07:00

Instrument :
 MSVOA_D
 ClientSampled :
 B-16(9-11)

Tot Ion	Ratio	Resp	Lower	Upper
65	100	212757		
67	52.0	0.0	106.8	

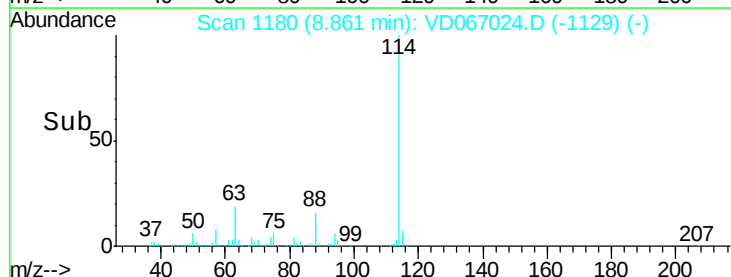
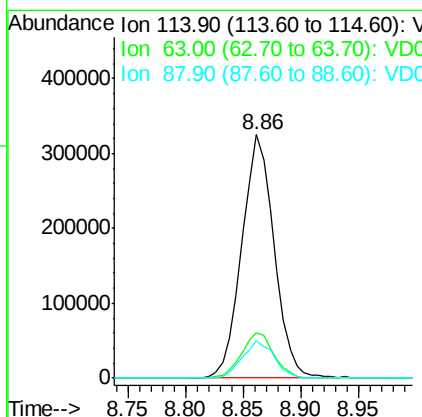
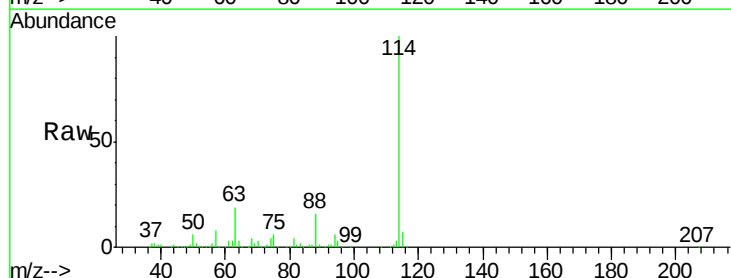
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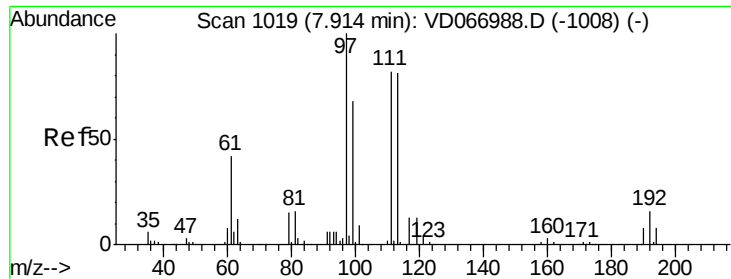
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067024.D
 Acq: 02 Oct 2020 07:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	633541		
63	18.6	0.0	38.4	
88	15.7	0.0	31.2	





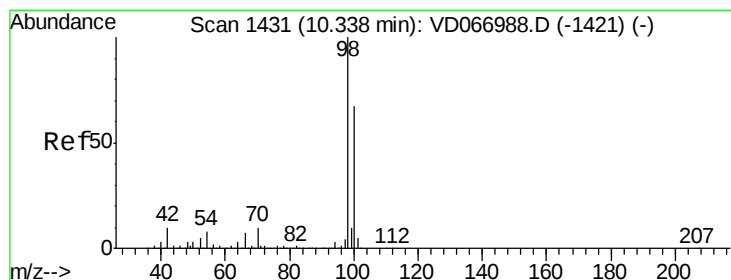
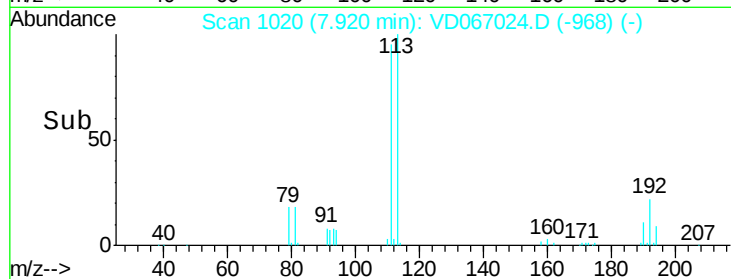
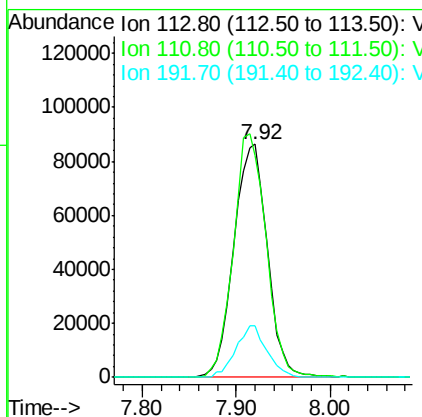
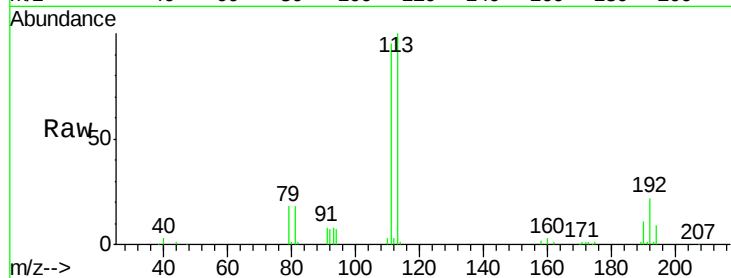
#35
Dibromofluoromethane
Concen: 51.583 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067024.D
Acq: 02 Oct 2020 07:00

Instrument :
MSVOA_D
ClientSampleId :
B-16(9-11)

Tot Ion	Ratio	Resp	Lower	Upper
113	100	213948		
111	102.4		83.0	124.4
192	20.6		15.5	23.3

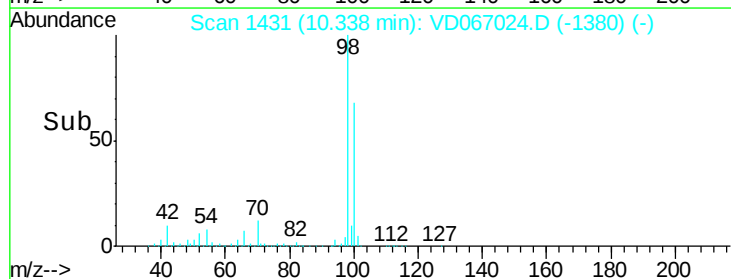
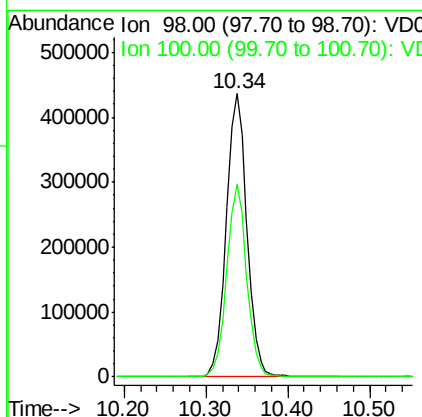
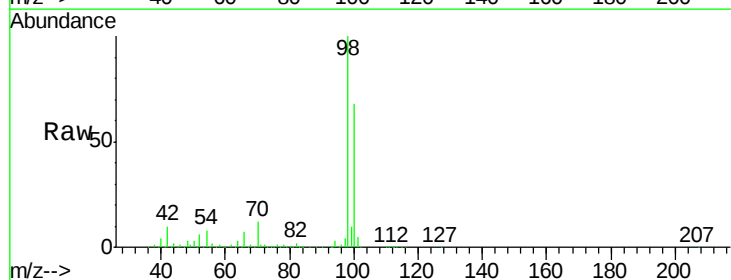
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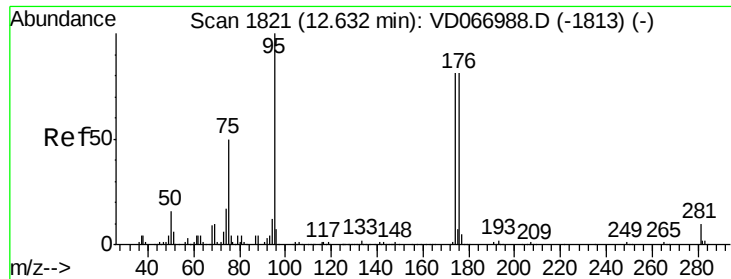
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#50
Toluene-d8
Concen: 50.630 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067024.D
Acq: 02 Oct 2020 07:00

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	765198		
100	66.1		52.8	79.2





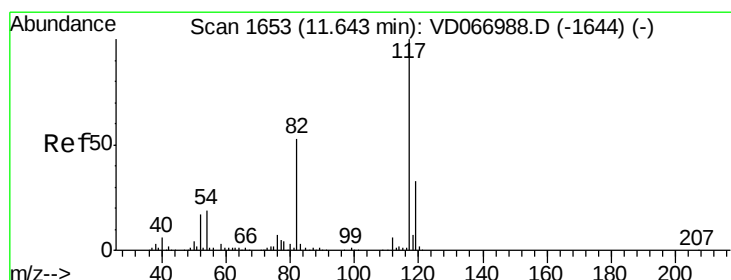
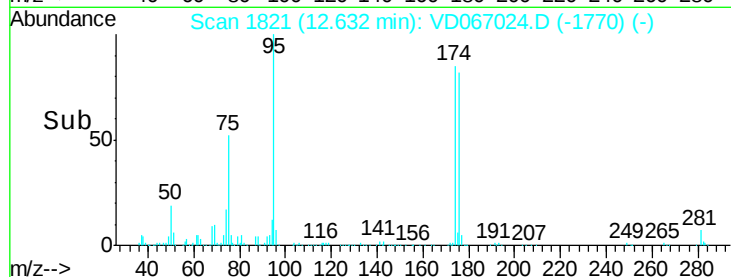
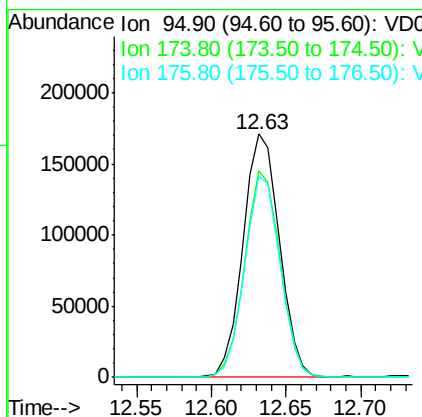
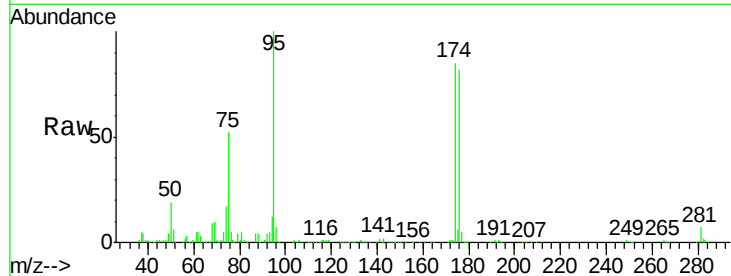
#62
4-Bromofluorobenzene
Concen: 56.157 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD067024.D
Acq: 02 Oct 2020 07:00

Instrument :
MSVOA_D
ClientSampleId :
B-16(9-11)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	288125		
174	82.9	0.0	167.6	
176	81.1	0.0	162.4	

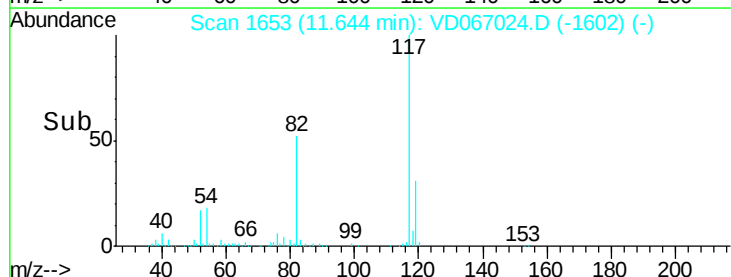
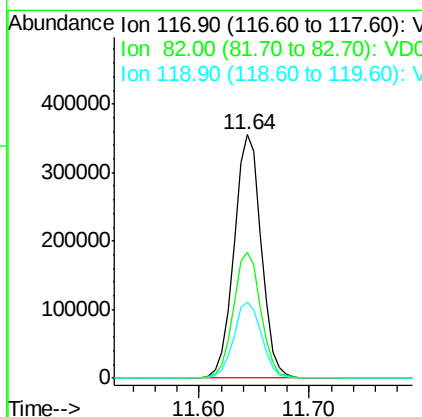
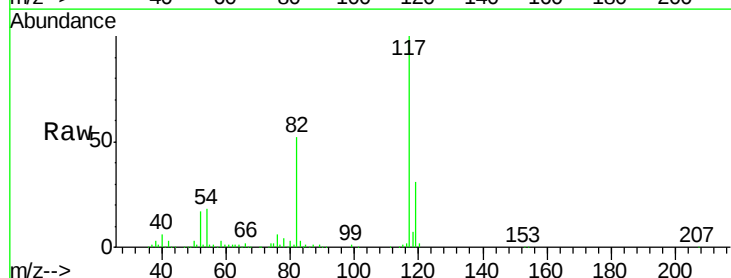
Manual Integrations
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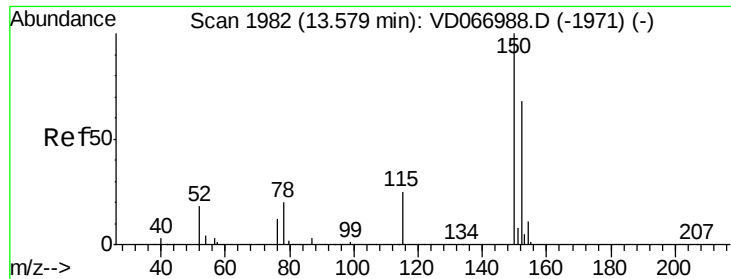
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067024.D
Acq: 02 Oct 2020 07:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	613842		
82	51.6	42.6	63.8	
119	31.4	26.3	39.5	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067024.D

Acq: 02 Oct 2020 07:00

Instrument :

MSVOA_D

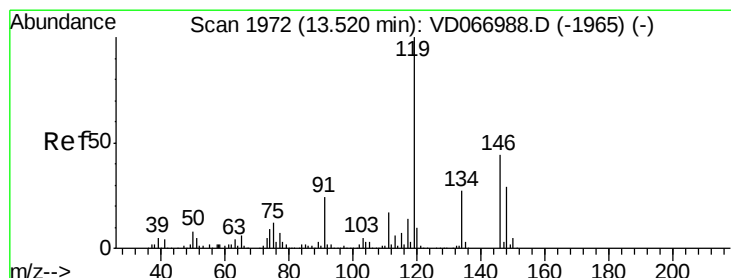
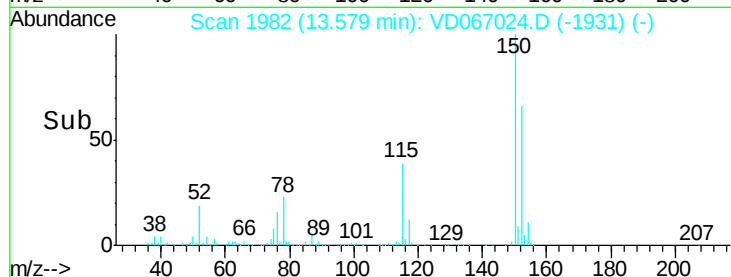
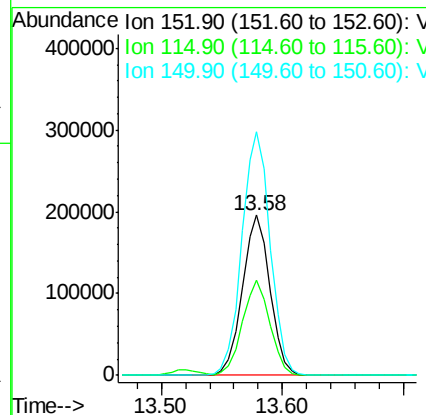
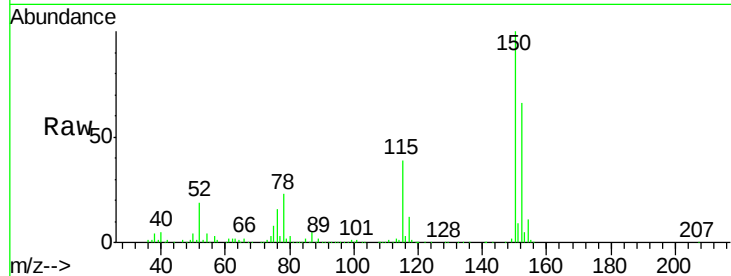
ClientSampleId :

B-16(9-11)

Tot Ion:	152	Resp:	312003
Ion Ratio	Lower	Upper	
152	100		
115	59.3	29.6	88.8
150	155.9	0.0	344.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 7.432 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067024.D

Acq: 02 Oct 2020 07:00

Tgt Ion:	119	Resp:	146261
Ion Ratio	Lower	Upper	
119	100		
134	27.3	13.1	39.1
91	30.3	11.7	35.1

