

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101019\
 Data File : VD063920.D
 Acq On : 10 Oct 2019 19:56
 Operator : VA/SY
 Sample : K5297-14
 Misc : 6.80G/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 10:24:16 AM

Quant Time: Oct 11 08:30:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	163187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	290128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	286879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	136665	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	93465	58.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.66%	
35) Dibromofluoromethane	7.92	113	91852	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
50) Toluene-d8	10.34	98	379278	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
62) 4-Bromofluorobenzene	12.63	95	116347	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
Target Compounds						
16) Acetone	4.16	43	39919	96.507	ug/l	91
19) Methyl tert-butyl Ether	5.49	73	20641m	5.828	ug/l	
25) 2-Butanone	7.23	43	7626	15.557	ug/l #	81

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

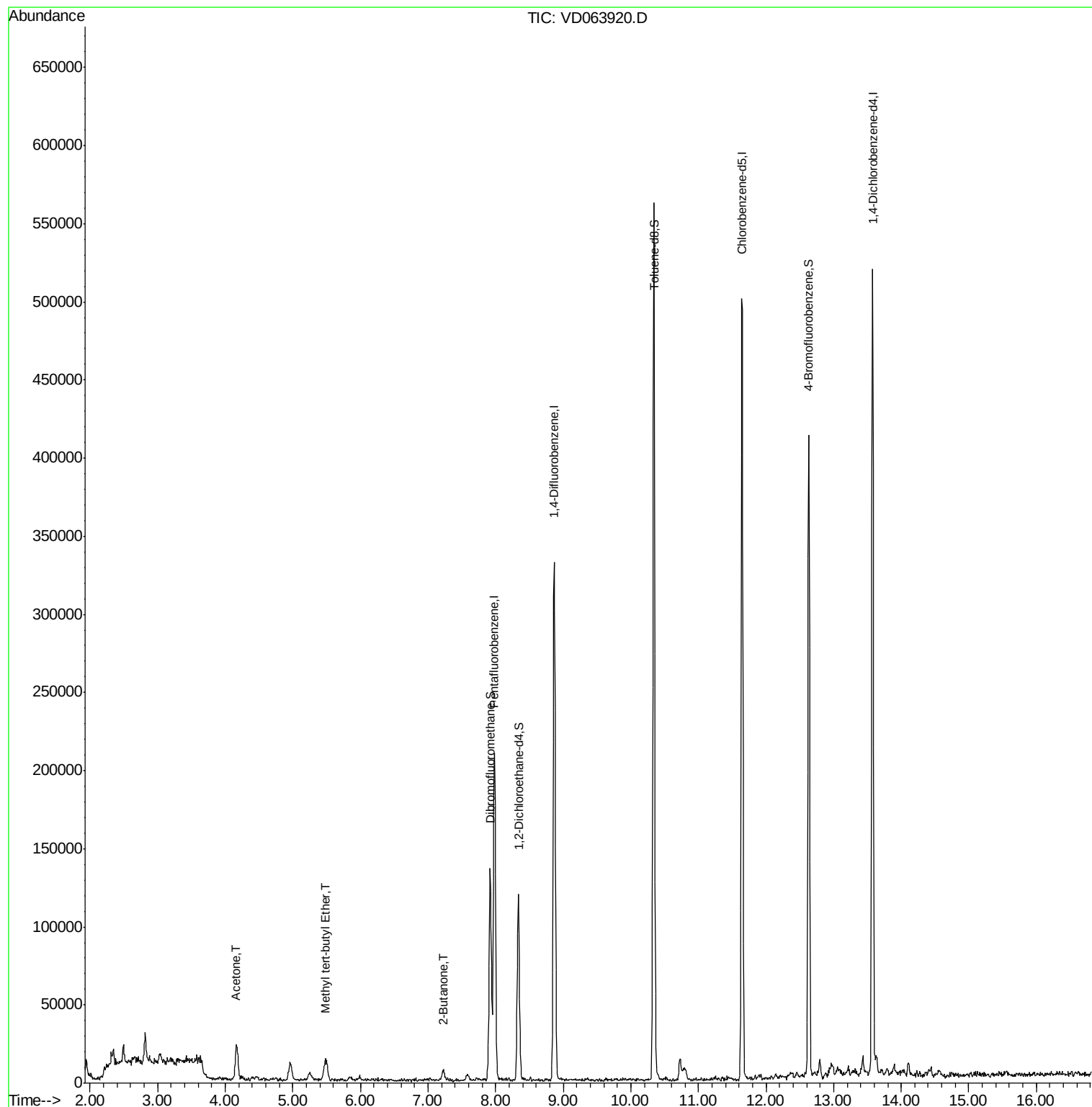
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Data File : VD063920.D
Acq On : 10 Oct 2019 19:56
Operator : VA/SY
Sample : K5297-14
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ALS Vial : 21 Sample Multiplier: 1

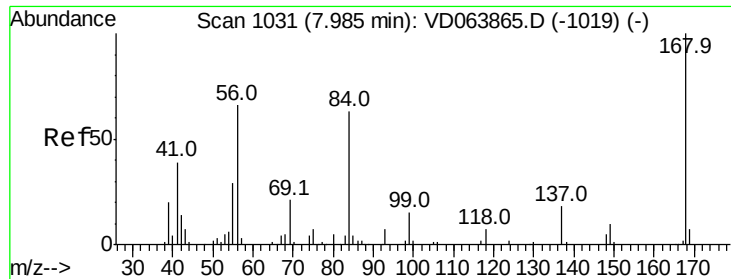
Instrument :
MSVOA_D
ClientSampleId :
TP-6

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Quant Time: Oct 11 08:30:09 2019
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Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
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: VD063920.D

Acq: 10 Oct 2019 19:56

Instrument :

MSVOA_D

ClientSampled :

TP-6

Tot Ion:168 Resp: 163187

Ion Ratio Lower Upper

168 100

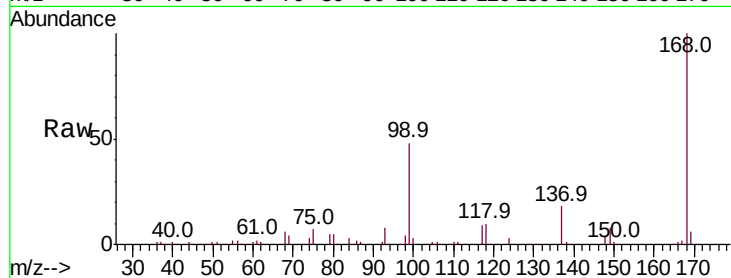
99 47.9 43.0 64.4

Manual Integrations

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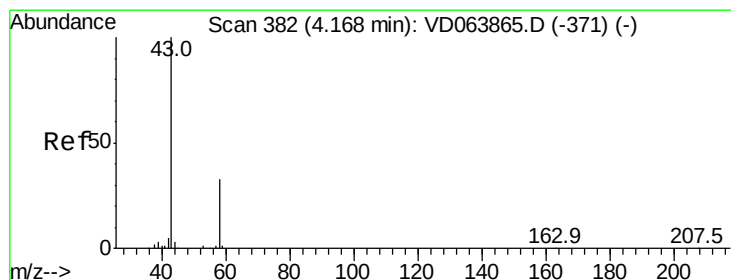
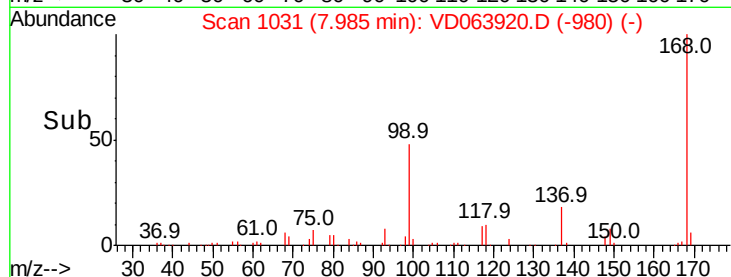
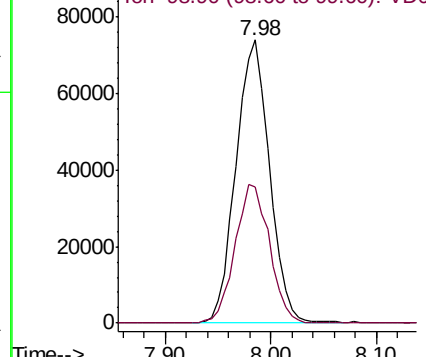
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 96.507 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD063920.D

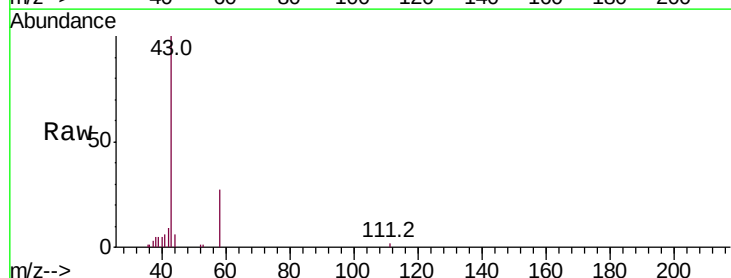
Acq: 10 Oct 2019 19:56

Tgt Ion: 43 Resp: 39919

Ion Ratio Lower Upper

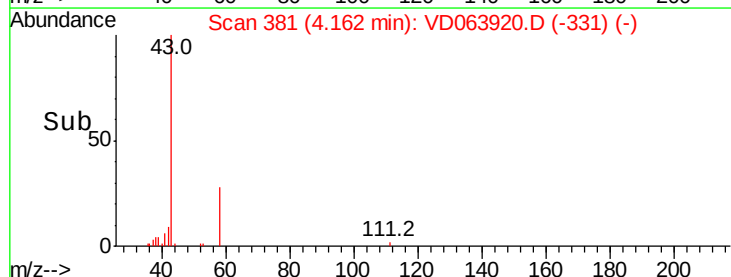
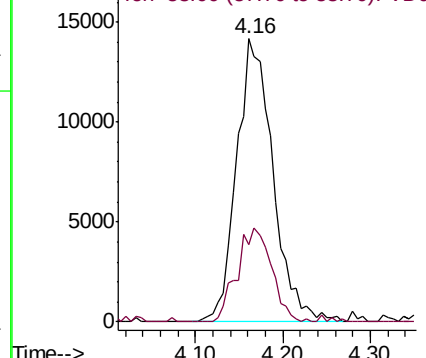
43 100

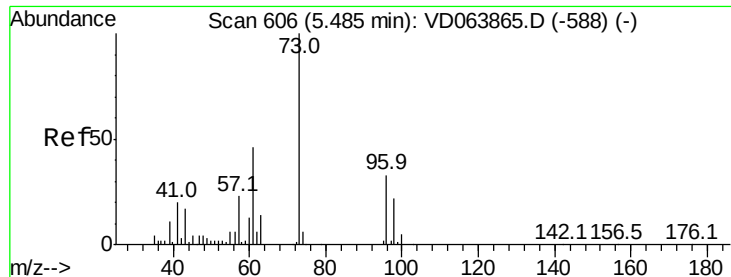
58 27.5 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#19

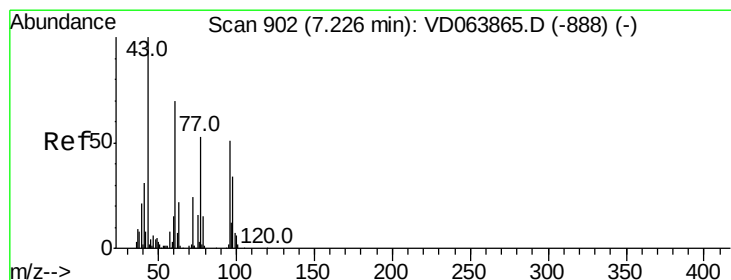
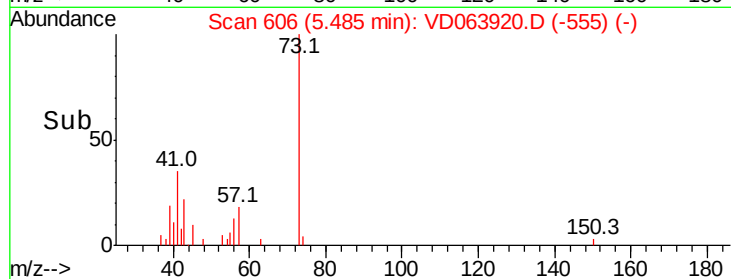
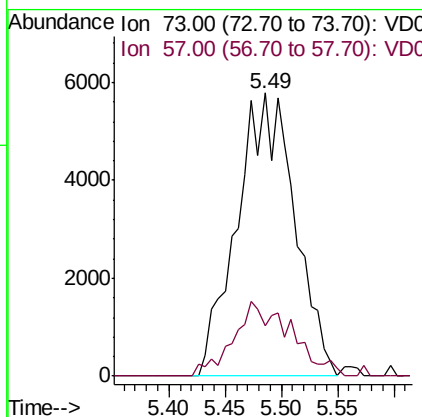
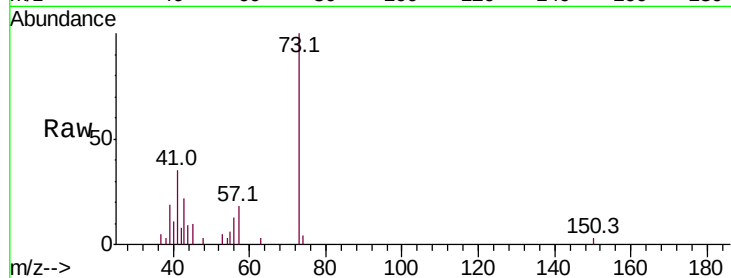
Methyl tert-butyl Ether
 Concen: 5.828 ug/l m
 RT: 5.49 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VD063920.D
 Acq: 10 Oct 2019 19:56

Instrument :
 MSVOA_D
 ClientSampled :
 TP-6

Tot Ion	Ratio	Lower	Upper
73	100		
57	17.7	18.1	27.1#

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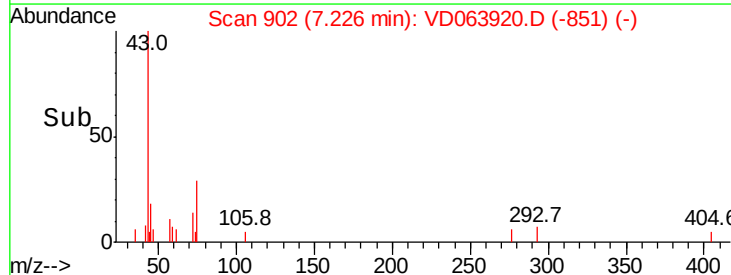
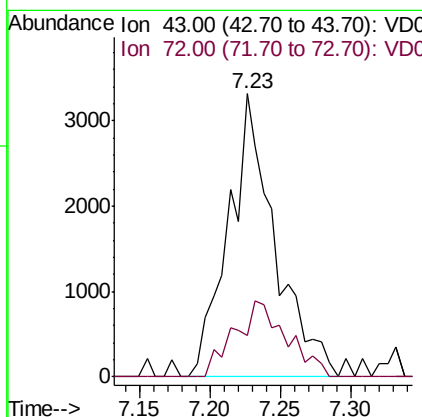
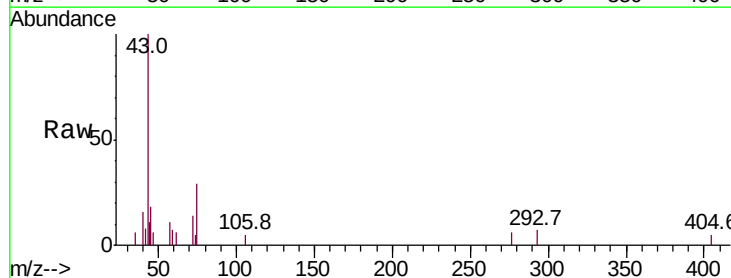
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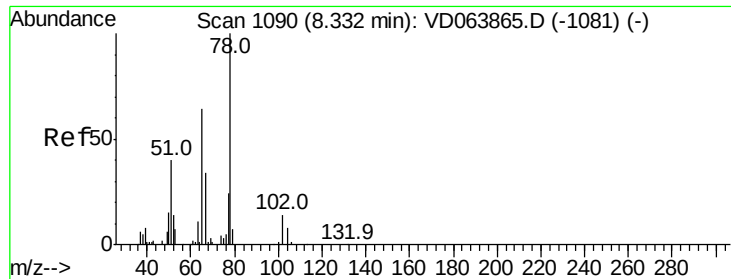


#25

2-Butanone
 Concen: 15.557 ug/l
 RT: 7.23 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: VD063920.D
 Acq: 10 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
43	100		
72	14.5	19.2	28.8#





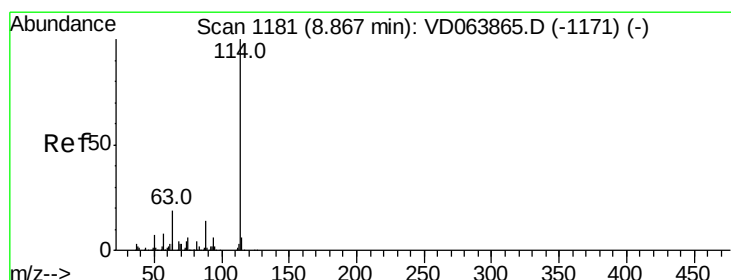
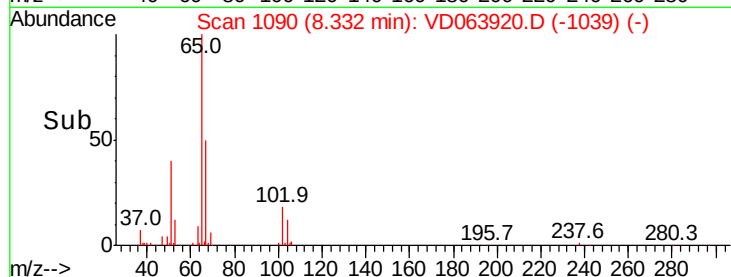
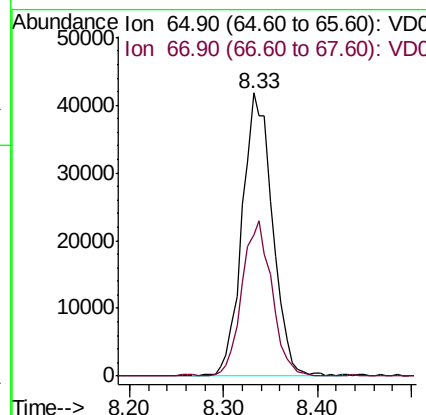
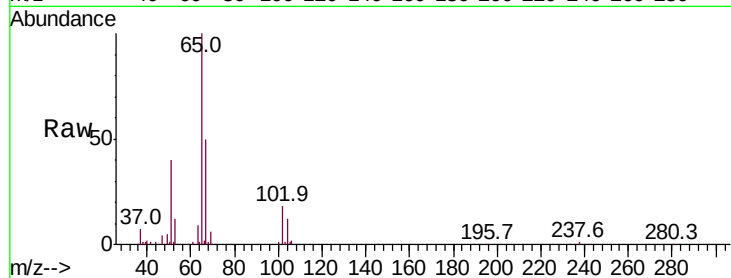
#33
 1,2-Dichloroethane-d4
 Concen: 58.829 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD063920.D
 Acq: 10 Oct 2019 19:56

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	106.4

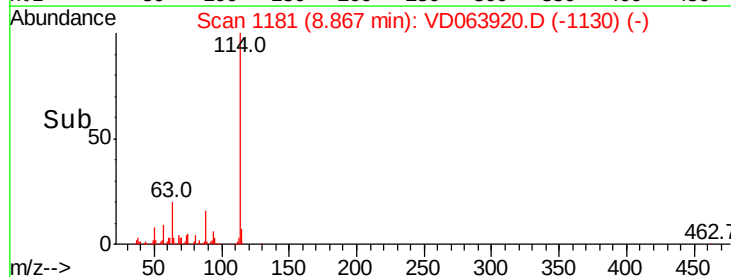
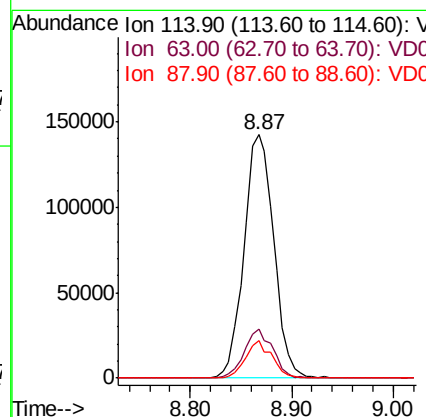
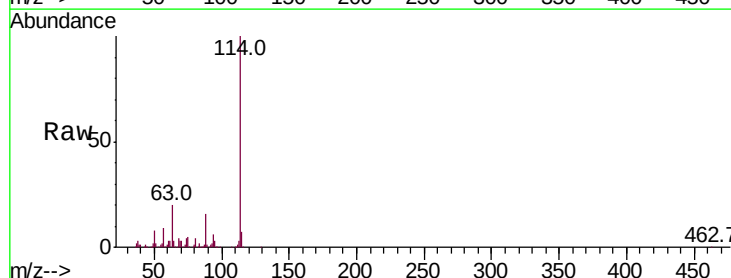
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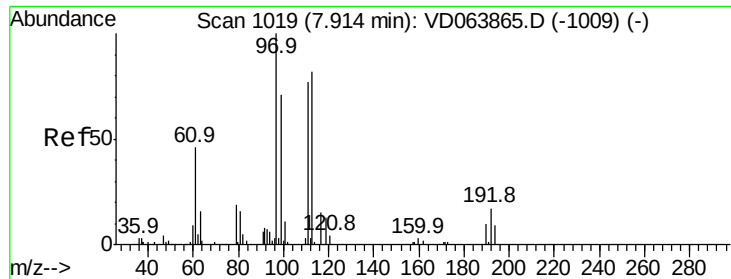
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD063920.D
 Acq: 10 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.4
88	15.6	0.0	27.4





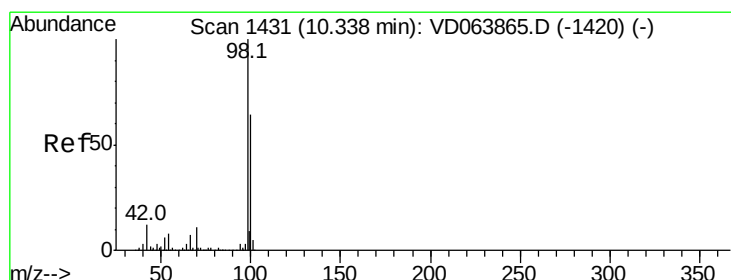
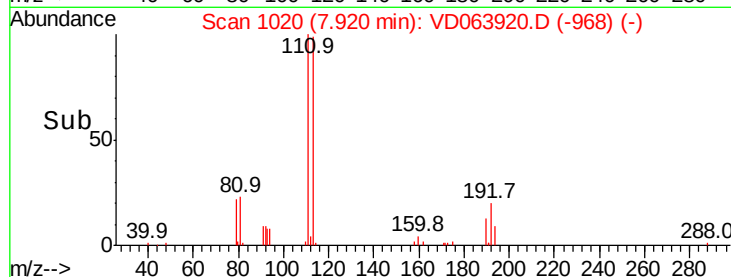
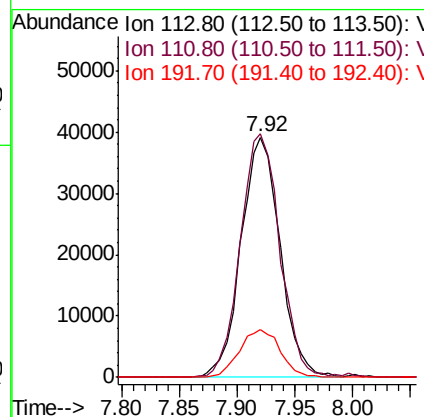
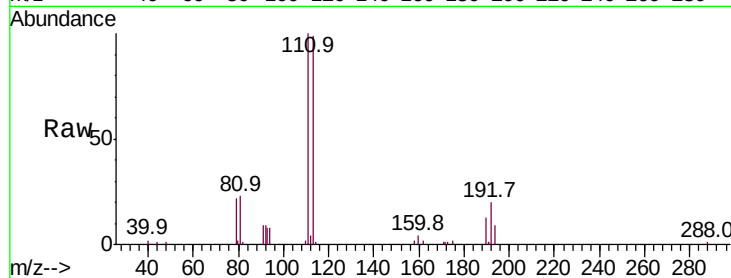
#35
Dibromofluoromethane
Concen: 51.804 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD063920.D
Acq: 10 Oct 2019 19:56

Instrument :
MSVOA_D
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	20.8	17.1	25.7

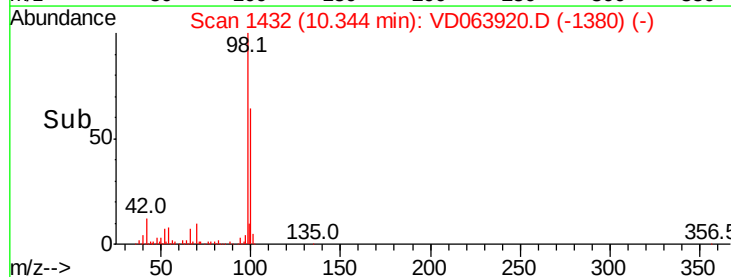
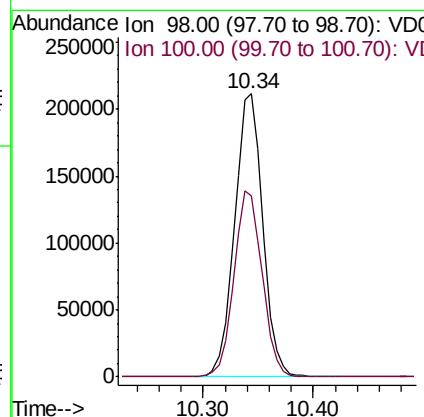
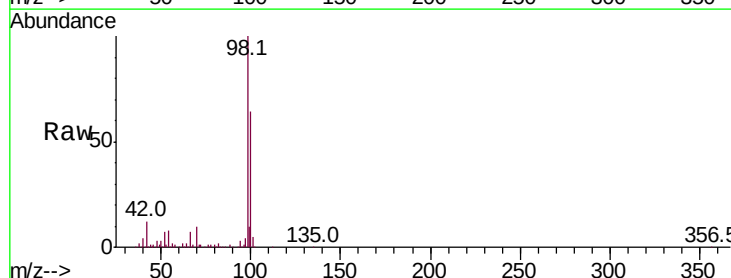
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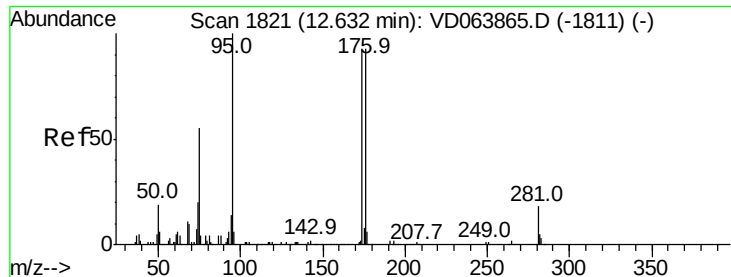
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#50
Toluene-d8
Concen: 52.703 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD063920.D
Acq: 10 Oct 2019 19:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.1	78.1





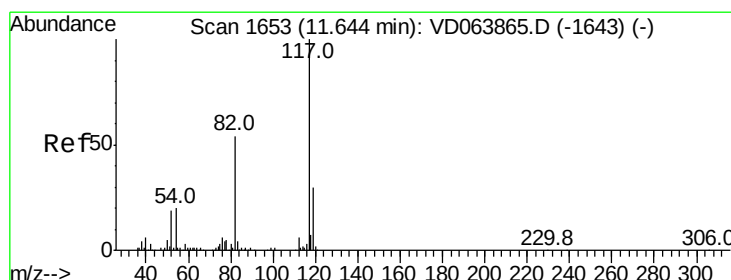
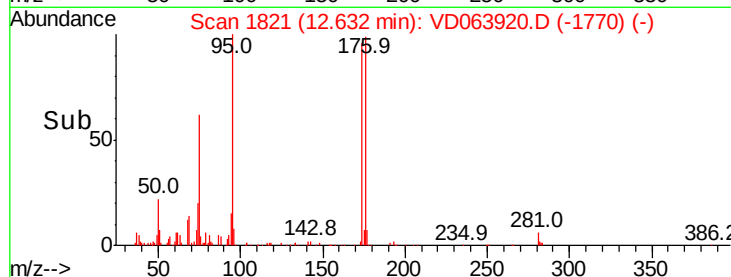
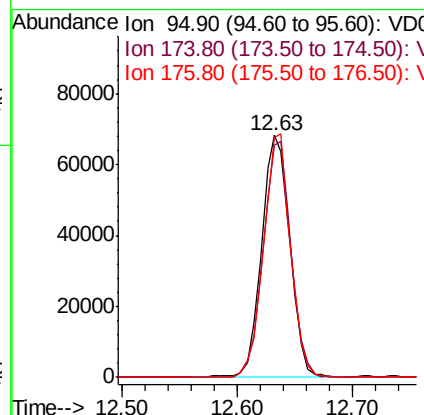
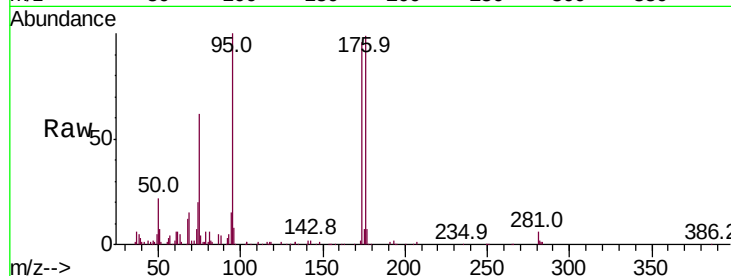
#62
4-Bromofluorobenzene
Concen: 46.524 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD063920.D
Acq: 10 Oct 2019 19:56

Instrument :
MSVOA_D
ClientSampleId :
TP-6

Tot Ion	Ratio	Resp	Lower	Upper
95	100	116347		
174	95.7	0.0	186.4	
176	95.7	0.0	184.2	

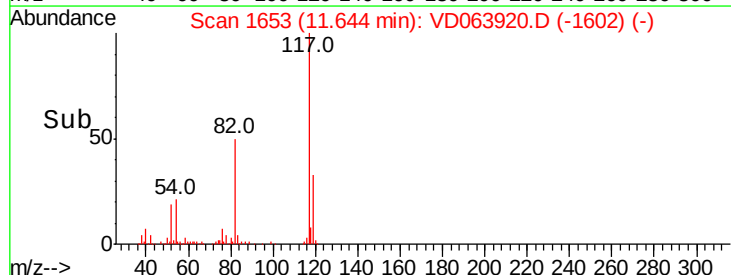
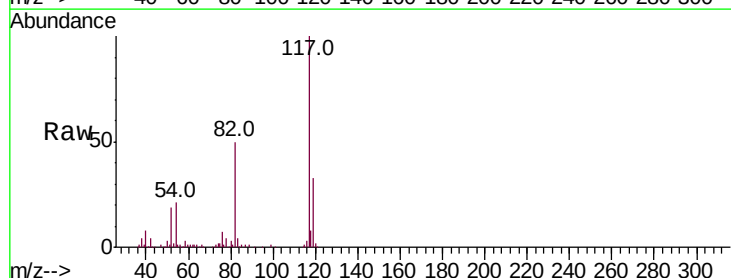
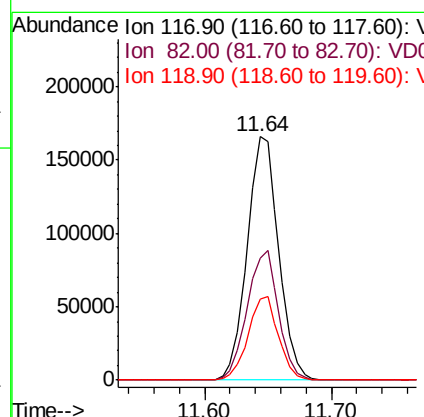
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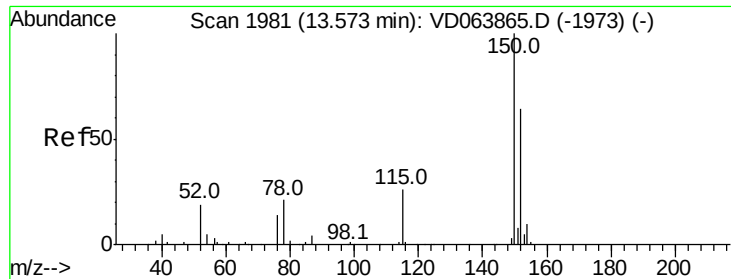
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD063920.D
Acq: 10 Oct 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	286879		
82	50.3	42.8	64.2	
119	33.2	24.4	36.6	





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. 0.01 min
 Lab File: VD063920.D
 Acq: 10 Oct 2019 19:56

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.7	25.9	77.7
150	156.4	0.0	344.2

Manual Integrations
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