

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\
 Data File : VD067089.D
 Acq On : 05 Oct 2020 17:47
 Operator : VA/SY
 Sample : L4242-07
 Misc : 7.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B24-100120-17-18

Quant Time: Oct 06 07:58:01 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

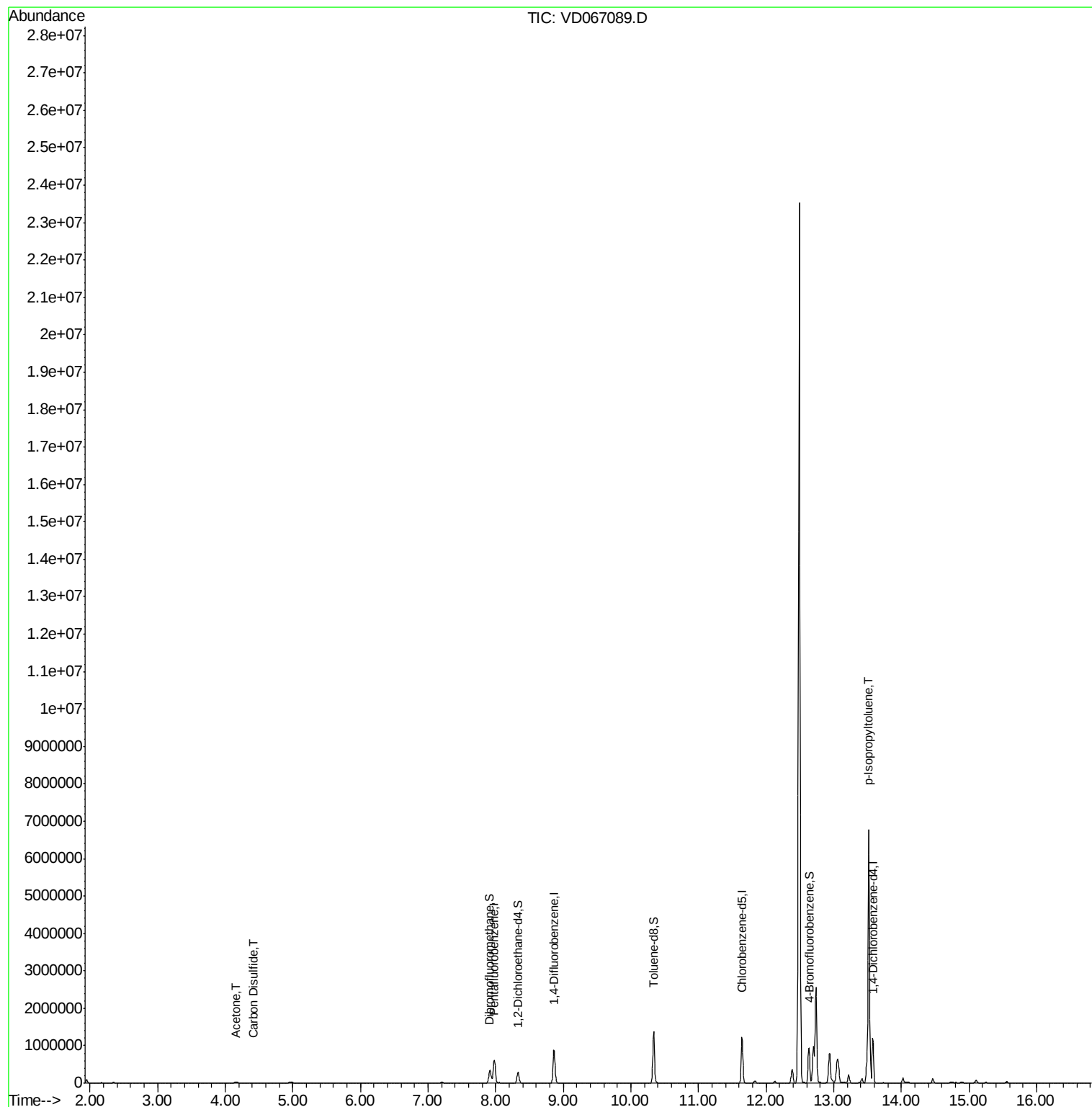
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	476727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	804466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	741157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	334167	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	231210	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
35) Dibromofluoromethane	7.91	113	257949	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
50) Toluene-d8	10.34	98	937433	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
62) 4-Bromofluorobenzene	12.64	95	317609	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
Target Compounds						
16) Acetone	4.16	43	44501	63.487	ug/l	97
17) Carbon Disulfide	4.41	76	15190	1.101	ug/l	98
86) p-Isopropyltoluene	13.52	119	3980174	188.838	ug/l	99

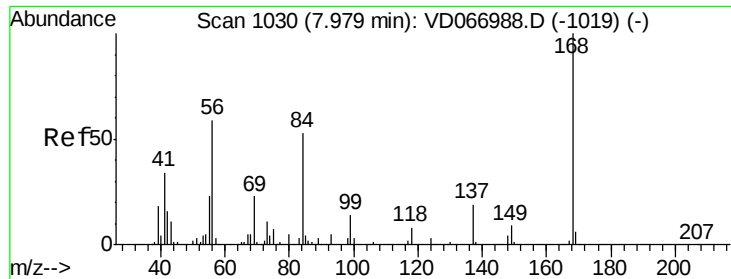
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067089.D

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MSVOA_D

ClientSampleId :

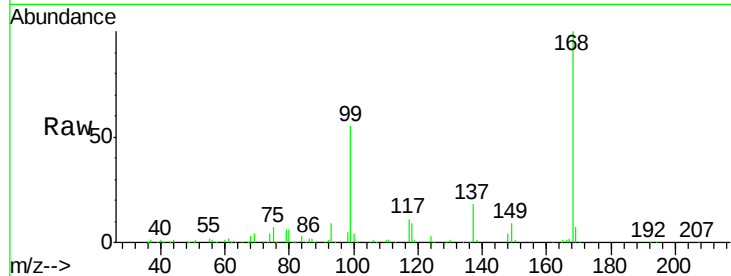
PAV-B24-100120-17-18

Tot Ion:168 Resp: 476727

Ion Ratio Lower Upper

168 100

99 54.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

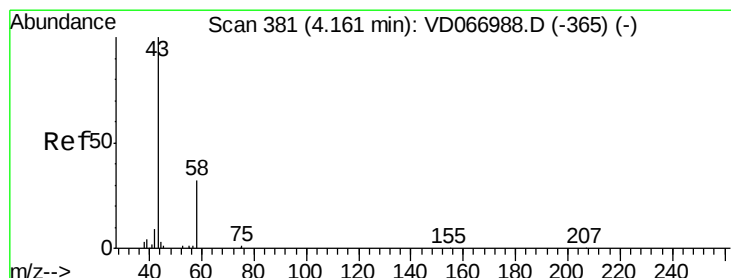
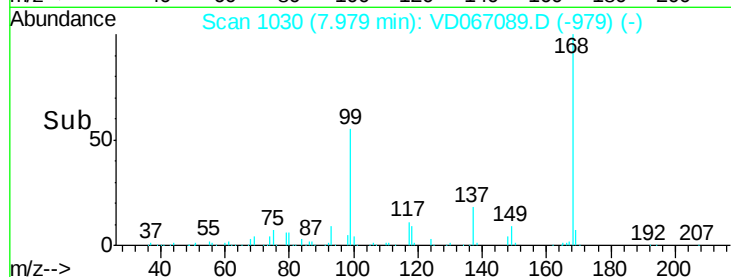
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 63.487 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD067089.D

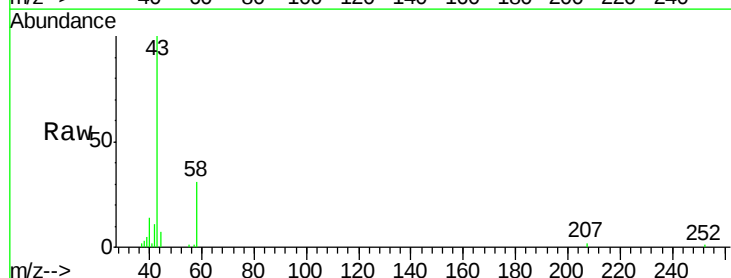
Acq: 05 Oct 2020 17:47

Tgt Ion: 43 Resp: 44501

Ion Ratio Lower Upper

43 100

58 30.7 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

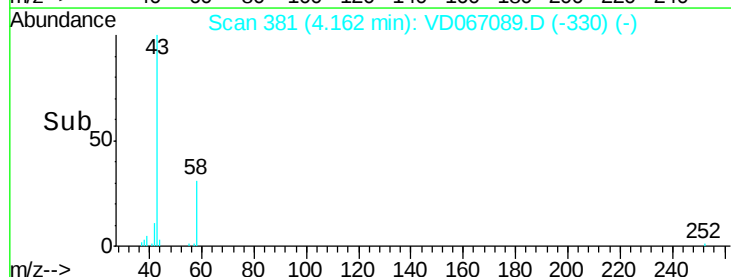
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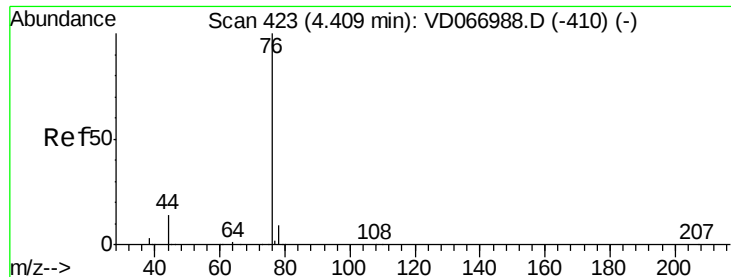
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5000

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Time-->

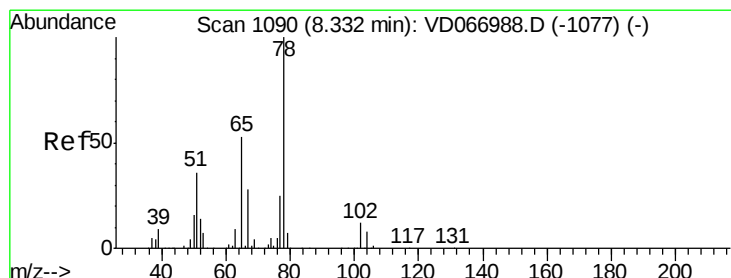
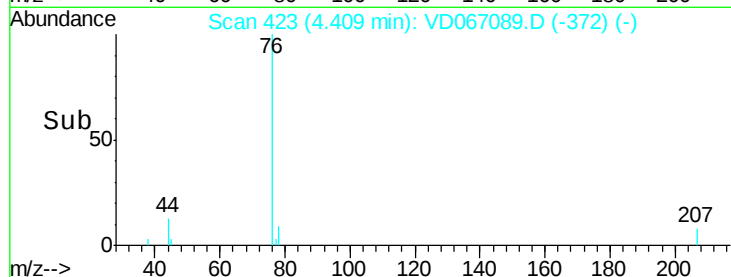
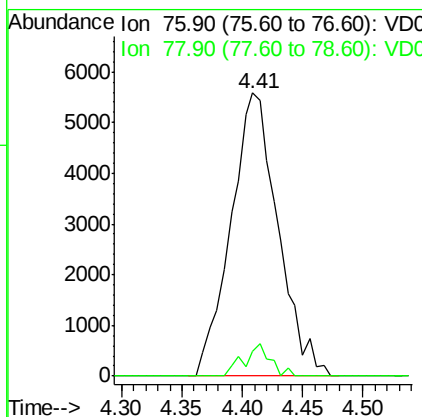
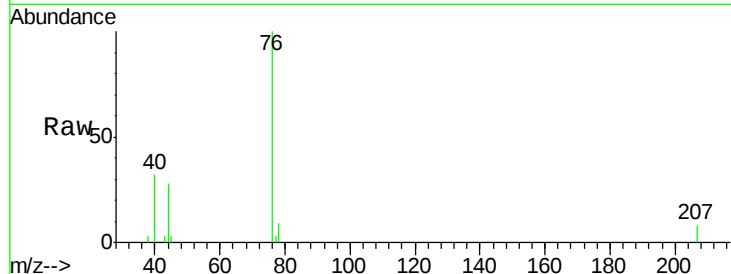




#17
Carbon Disulfide
Concen: 1.101 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067089.D
Acq: 05 Oct 2020 17:47

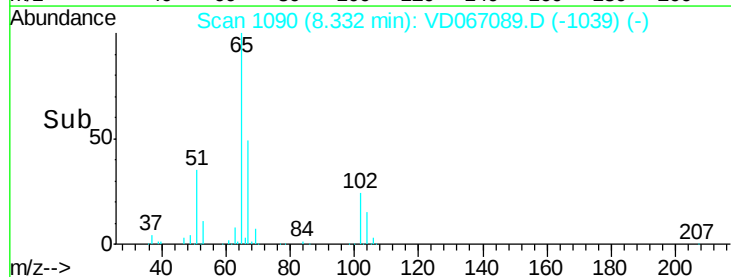
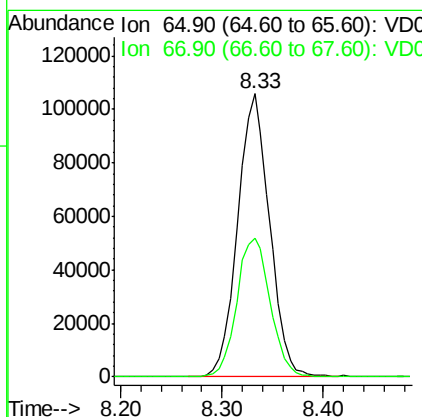
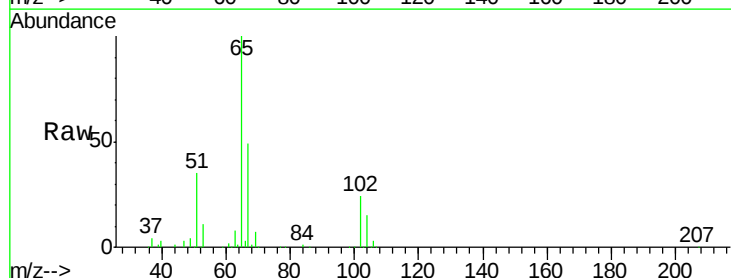
Instrument :
MSVOA_D
ClientSampleId :
PAV-B24-100120-17-18

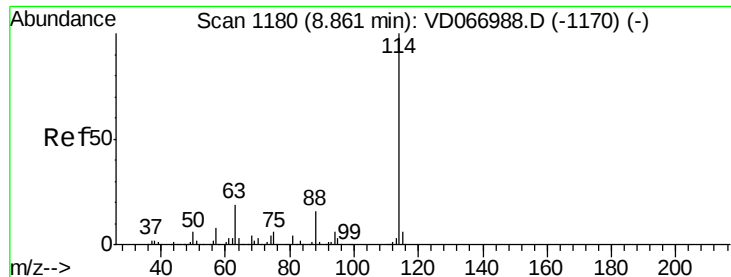
Tot Ion: 76 Resp: 15190
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#33
1,2-Dichloroethane-d4
Concen: 50.353 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD067089.D
Acq: 05 Oct 2020 17:47

Tgt Ion: 65 Resp: 231210
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.8

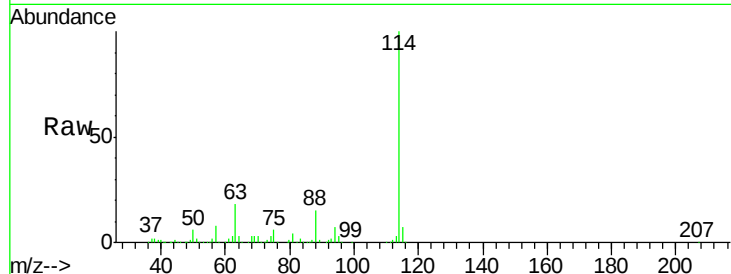




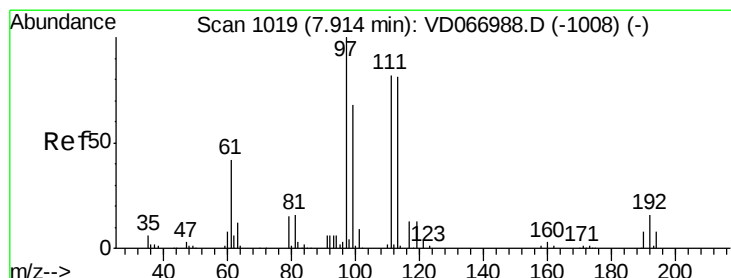
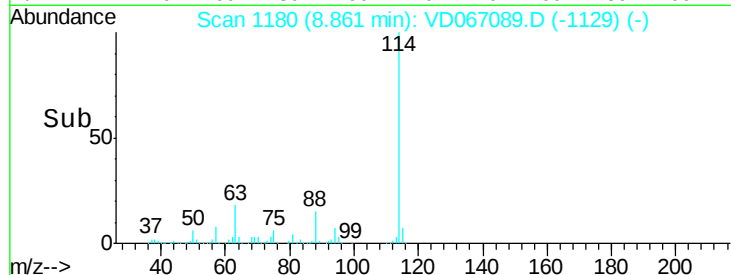
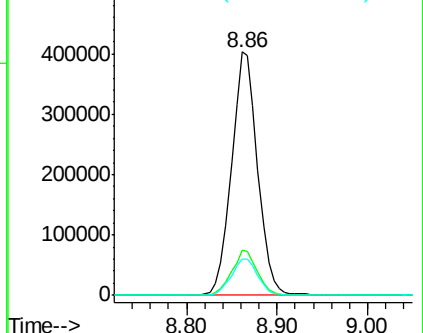
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067089.D
 Acq: 05 Oct 2020 17:47

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B24-100120-17-18

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	38.4
88	14.7	0.0	31.2

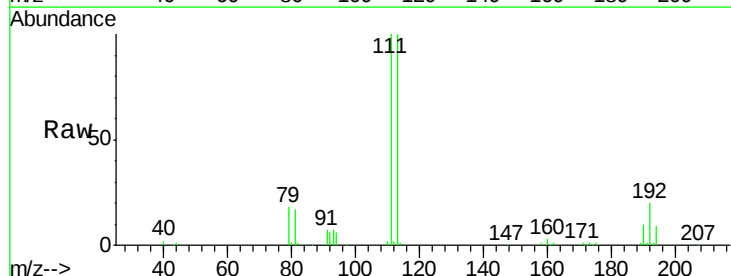


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

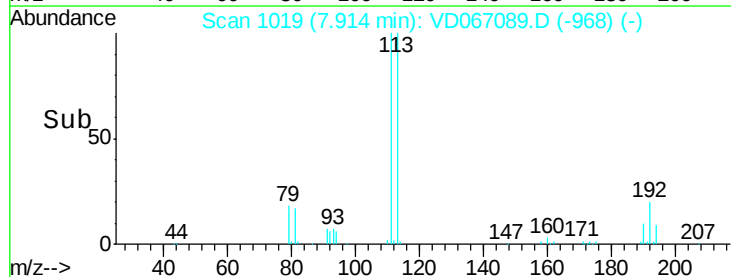
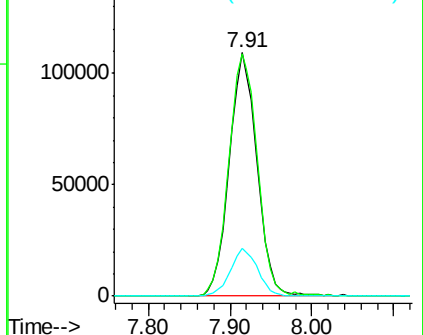


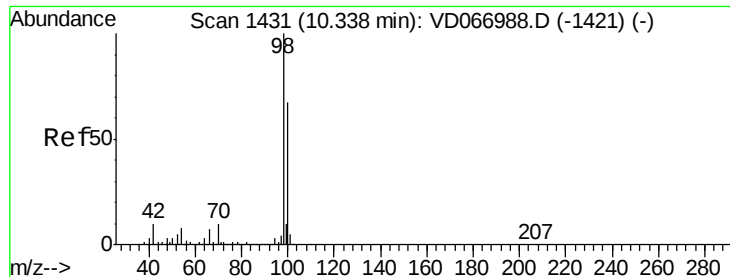
#35
 Dibromofluoromethane
 Concen: 48.977 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067089.D
 Acq: 05 Oct 2020 17:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.0	124.4
192	19.4	15.5	23.3



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: 48.847 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067089.D

Acq: 05 Oct 2020 17:47

Instrument :

MSVOA_D

ClientSampleId :

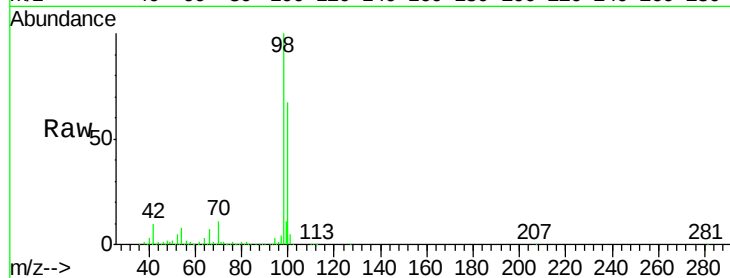
PAV-B24-100120-17-18

Tot Ion: 98 Resp: 937433

Ion Ratio Lower Upper

98 100

100 67.1 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

500000

400000

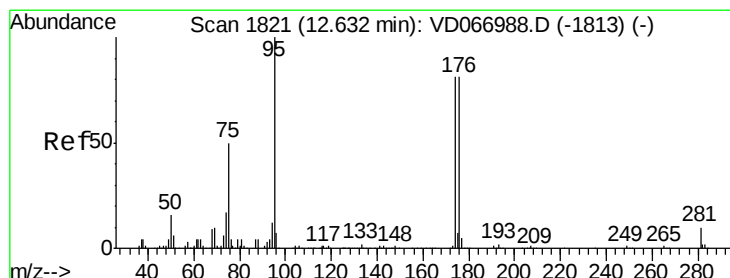
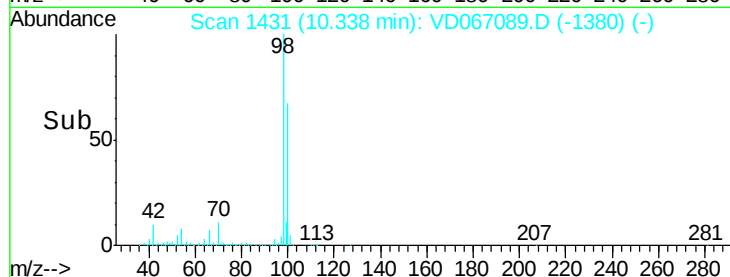
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.751 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067089.D

Acq: 05 Oct 2020 17:47

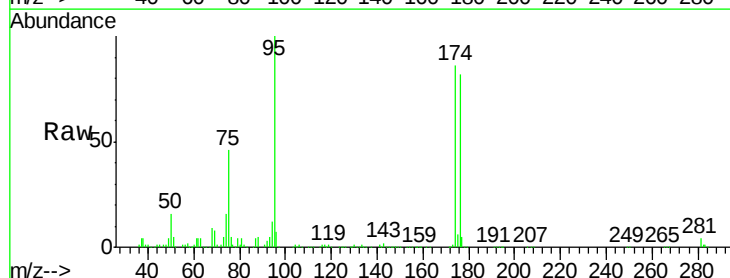
Tgt Ion: 95 Resp: 317609

Ion Ratio Lower Upper

95 100

174 83.5 0.0 167.6

176 80.3 0.0 162.4



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

250000

200000

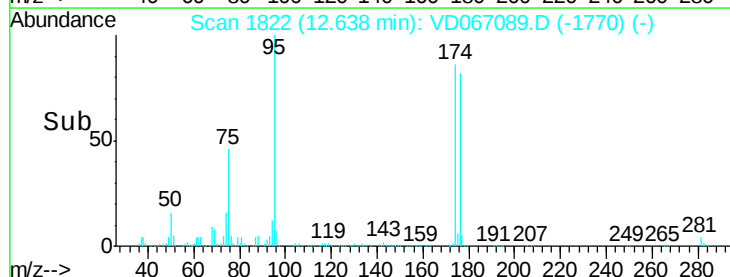
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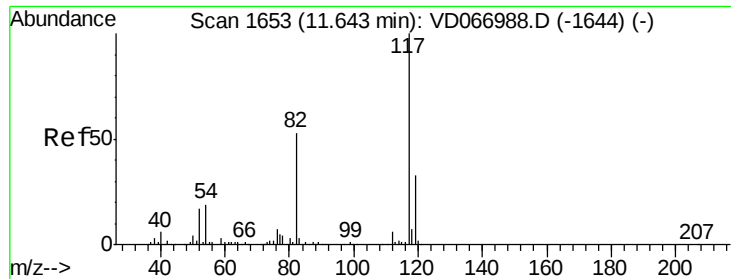
100000

50000

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Time-->

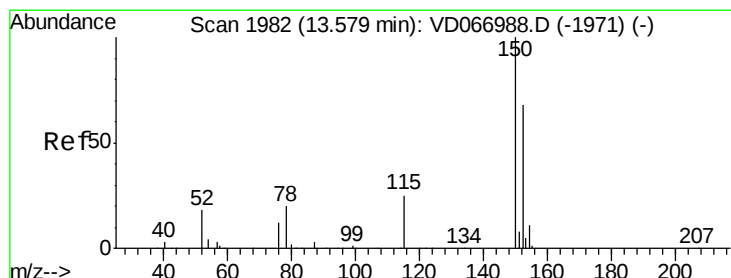
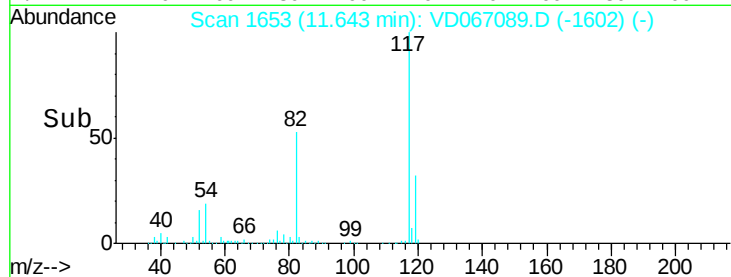
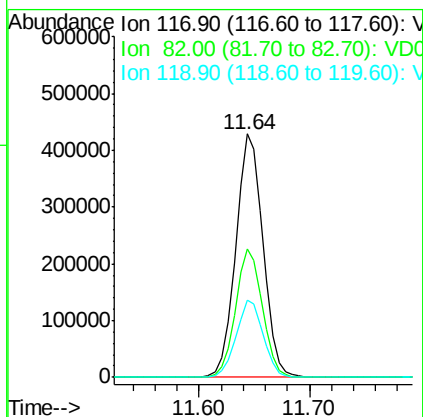
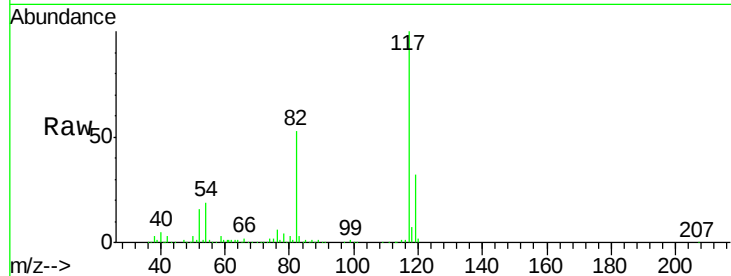




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067089.D
Acq: 05 Oct 2020 17:47

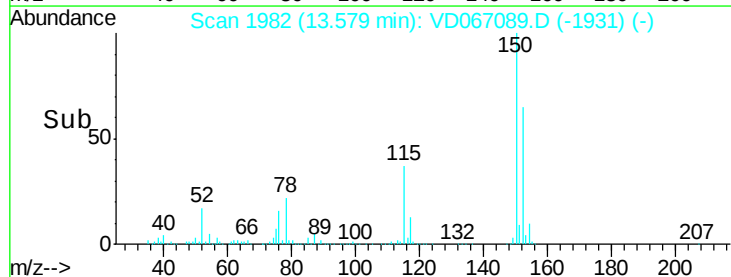
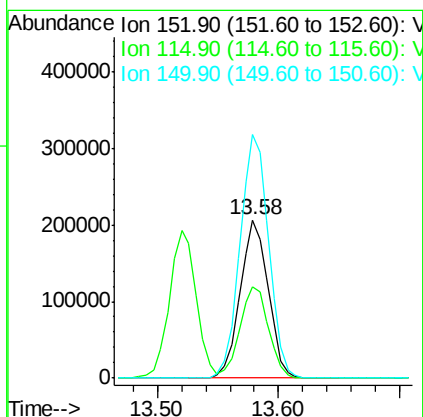
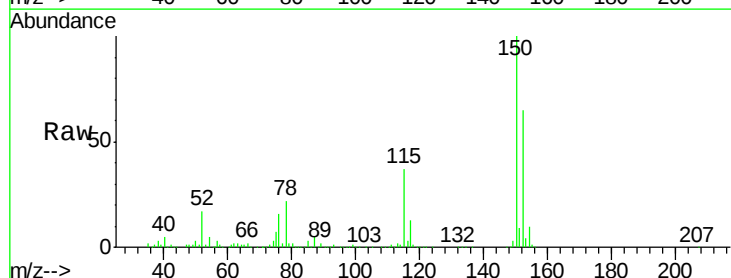
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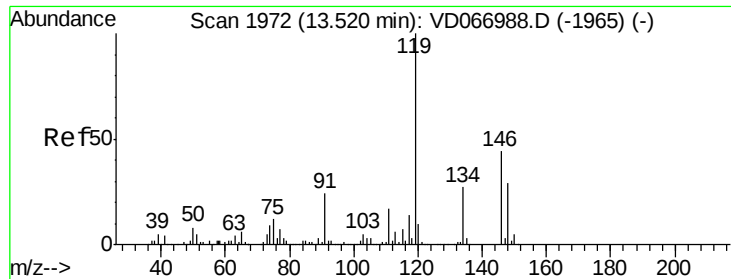
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.6	63.8
119	31.6	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067089.D
Acq: 05 Oct 2020 17:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.6	88.8
150	157.4	0.0	344.8





#86
 p-Isopropyltoluene
 Concen: 188.838 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067089.D
 Acq: 05 Oct 2020 17:47

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B24-100120-17-18

Tot Ion:119 Resp: 3980174
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 24.2 11.7 35.1

