

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090920\
 Data File : VN063285.D
 Acq On : 9 Sep 2020 16:16
 Operator : JC/MD
 Sample : L3939-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B41-090820-12-13

Quant Time: Sep 10 04:31:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

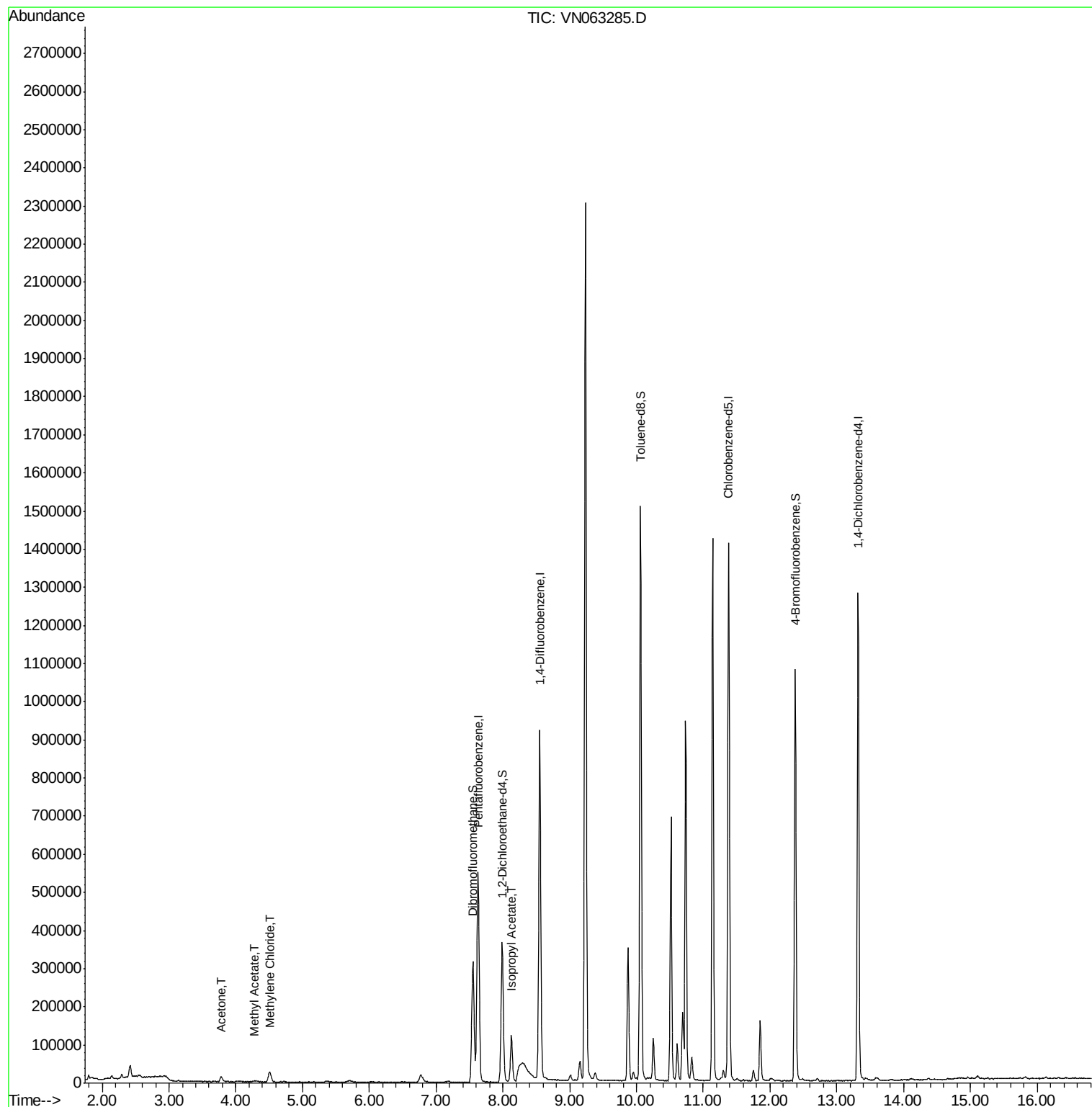
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	411230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	779332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	757042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	312484	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	318178	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
35) Dibromofluoromethane	7.55	113	240303	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
50) Toluene-d8	10.06	98	997700	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.38	95	382046	56.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.50%	
Target Compounds						
16) Acetone	3.78	43	22947	12.008	ug/l	95
18) Methyl Acetate	4.29	43	5482	1.119	ug/l	95
20) Methylene Chloride	4.51	84	18807	3.038	ug/l #	93
43) Isopropyl Acetate	8.13	43	146487	11.989	ug/l #	91

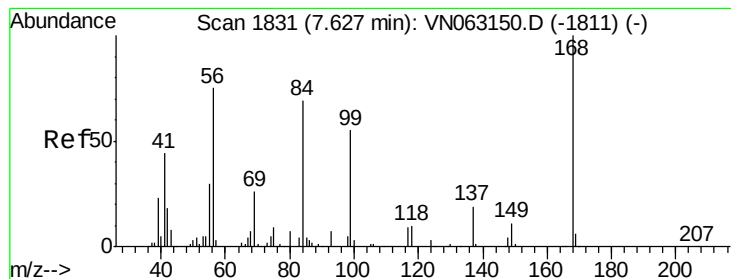
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063285.D

Acq: 9 Sep 2020 16:16

Instrument :

MSVOA_N

ClientSampleId :

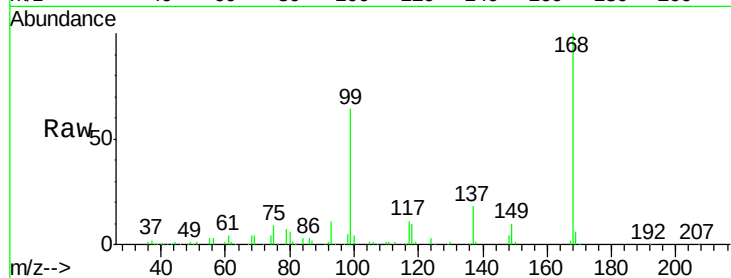
PAV-B41-090820-12-13

Tot Ion:168 Resp: 411230

Ion Ratio Lower Upper

168 100

99 64.1 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

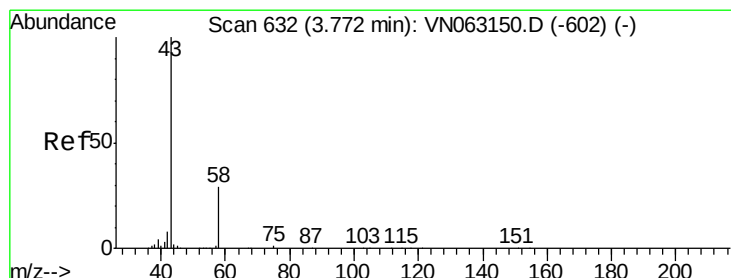
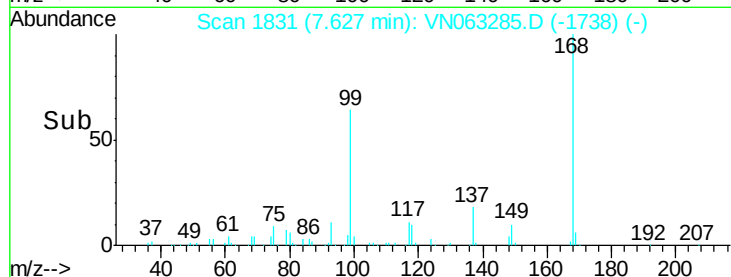
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 12.008 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063285.D

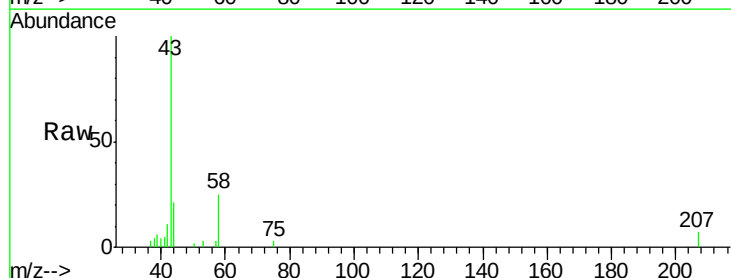
Acq: 9 Sep 2020 16:16

Tgt Ion: 43 Resp: 22947

Ion Ratio Lower Upper

43 100

58 26.4 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

8000

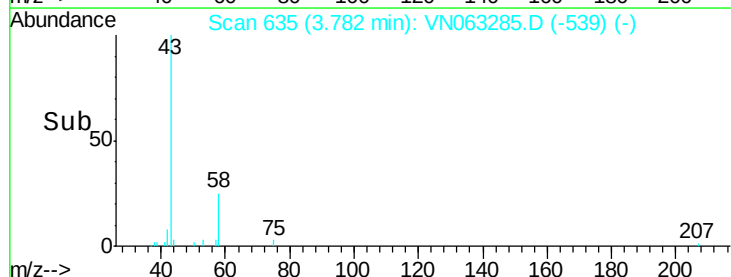
6000

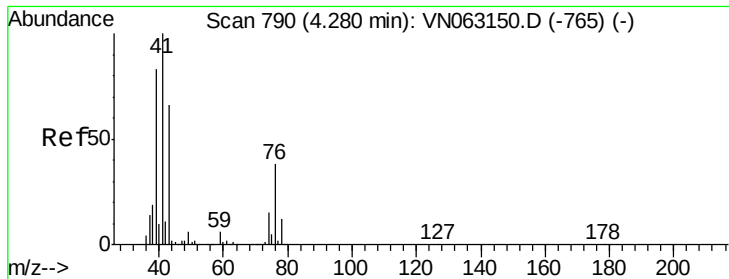
4000

2000

0

Time--> 3.70 3.75 3.80 3.85 3.90

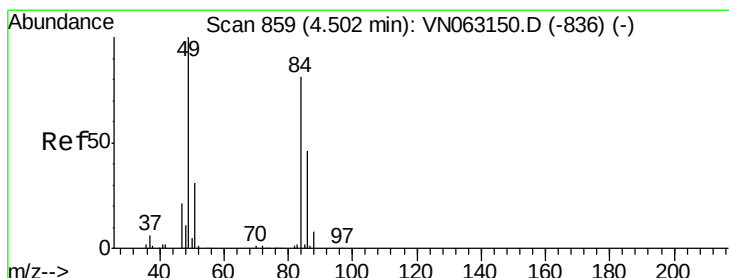
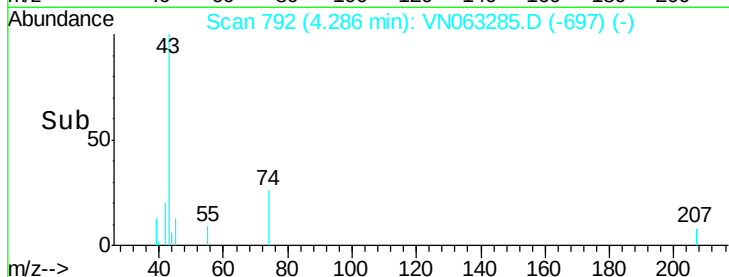
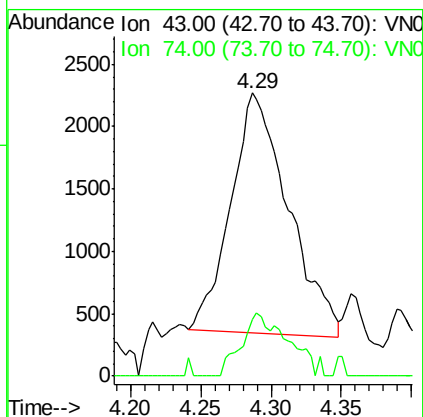
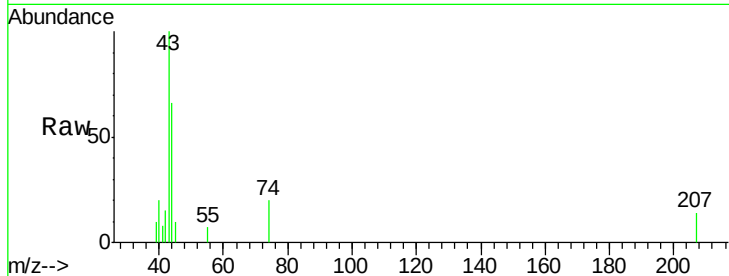




#18
Methyl Acetate
Concen: 1.119 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN063285.D
Acq: 9 Sep 2020 16:16

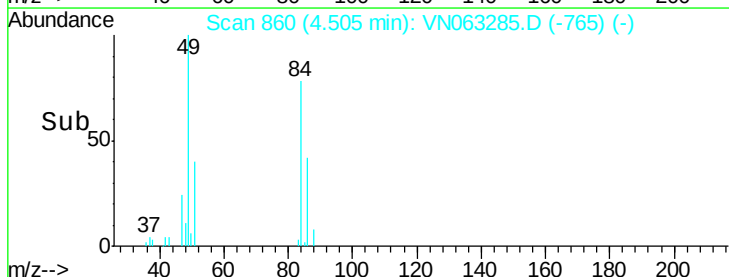
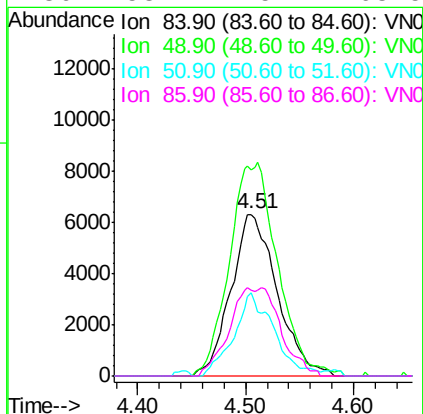
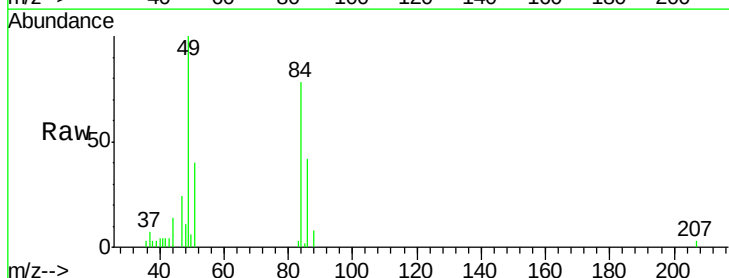
Instrument :
MSVOA_N
ClientSampleId :
PAV-B41-090820-12-13

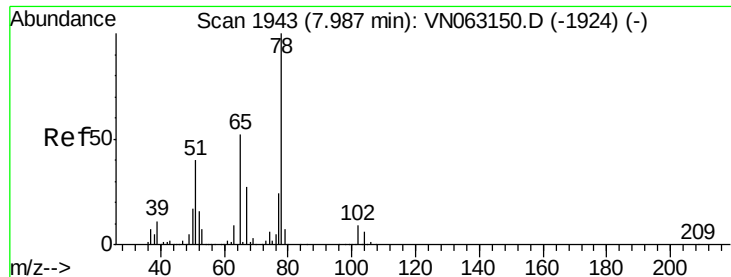
Tot Ion: 43 Resp: 5482
Ion Ratio Lower Upper
43 100
74 21.4 19.0 28.6



#20
Methylene Chloride
Concen: 3.038 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063285.D
Acq: 9 Sep 2020 16:16

Tgt Ion: 84 Resp: 18807
Ion Ratio Lower Upper
84 100
49 127.8 98.4 147.6
51 48.9 30.4 45.6#
86 53.4 45.7 68.5

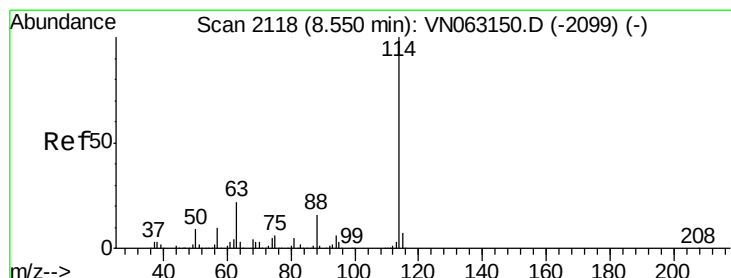
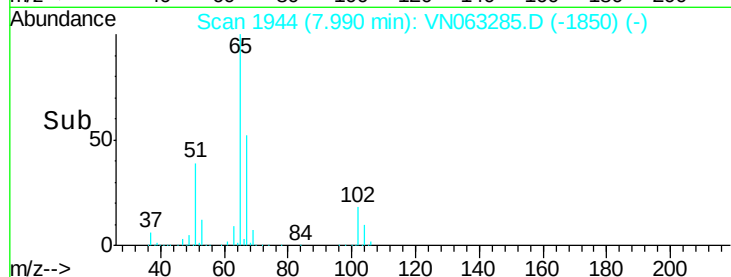
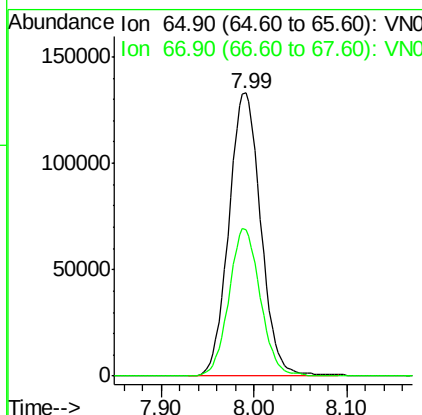
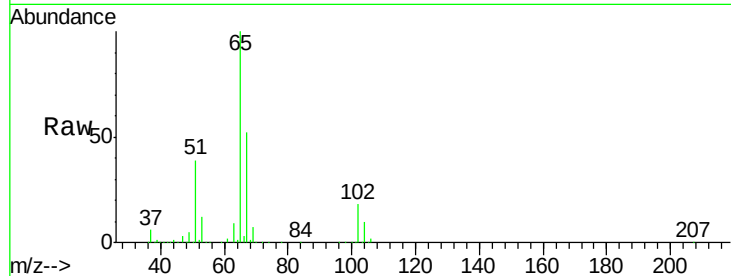




#33
 1,2-Dichloroethane-d4
 Concen: 47.331 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063285.D
 Acq: 9 Sep 2020 16:16

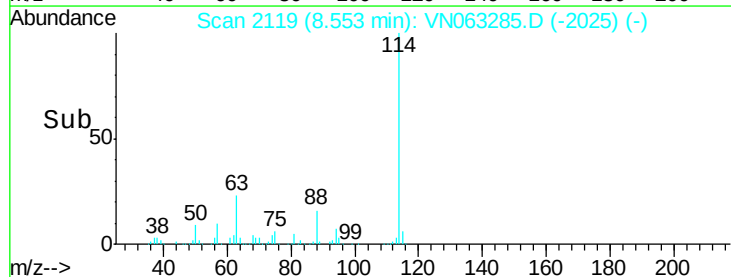
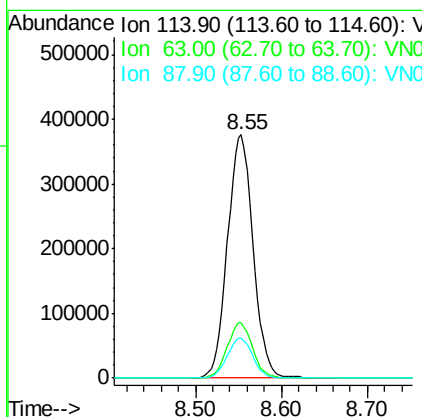
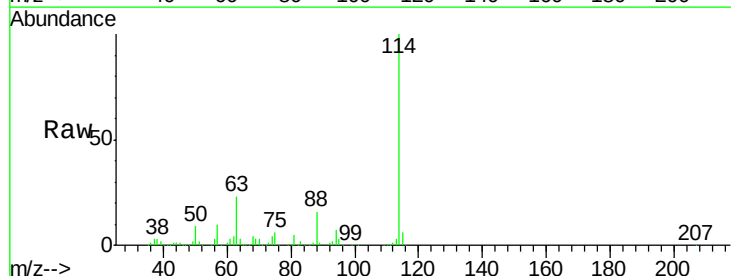
Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B41-090820-12-13

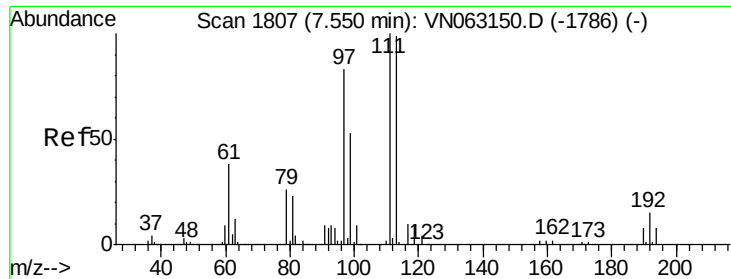
Tot Ion: 65 Resp: 318178
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063285.D
 Acq: 9 Sep 2020 16:16

Tgt Ion: 114 Resp: 779332
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.0
 88 16.3 0.0 31.6

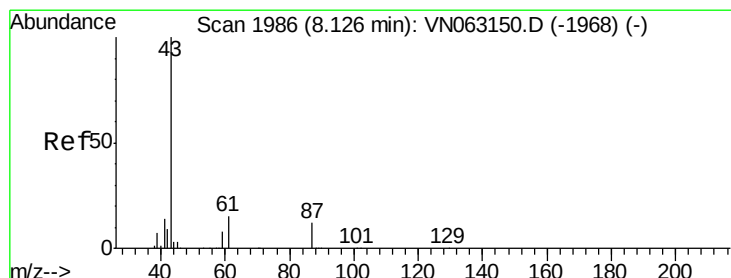
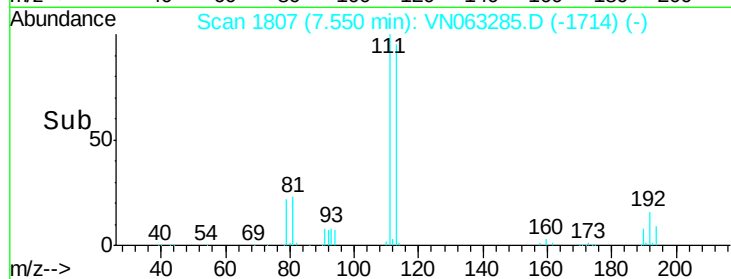
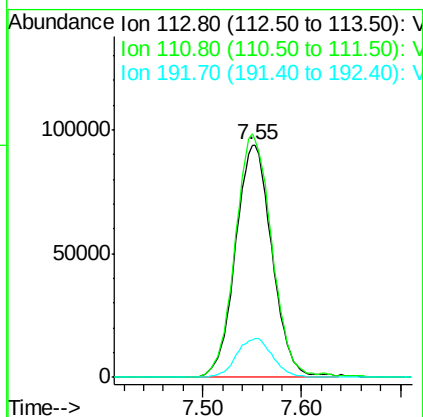
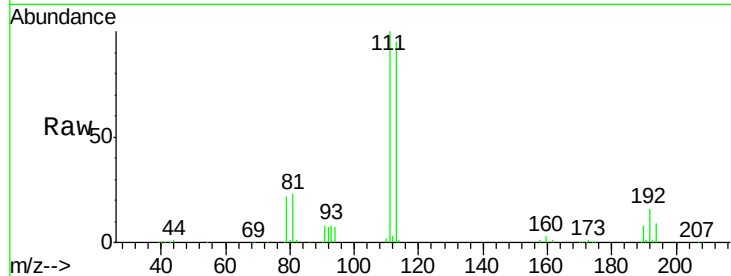




#35
 Dibromofluoromethane
 Concen: 48.062 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063285.D
 Acq: 9 Sep 2020 16:16

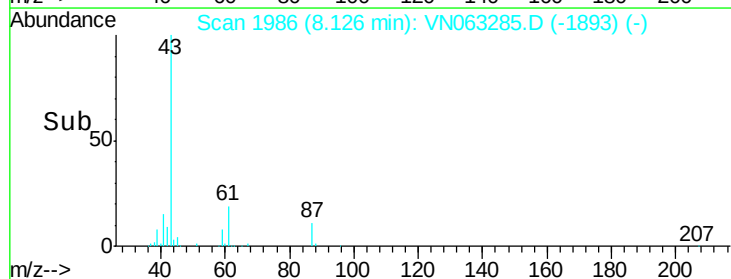
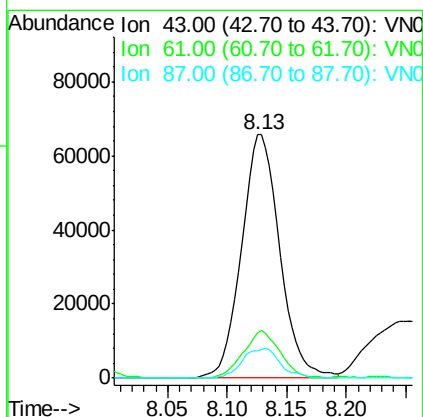
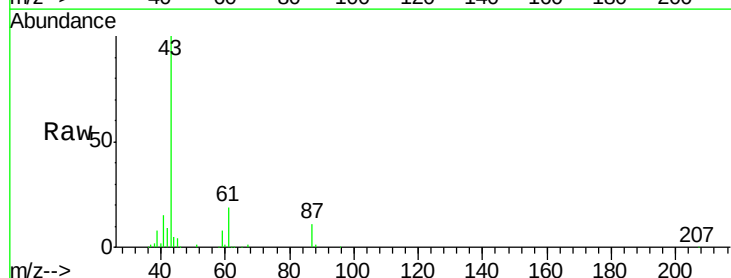
Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B41-090820-12-13

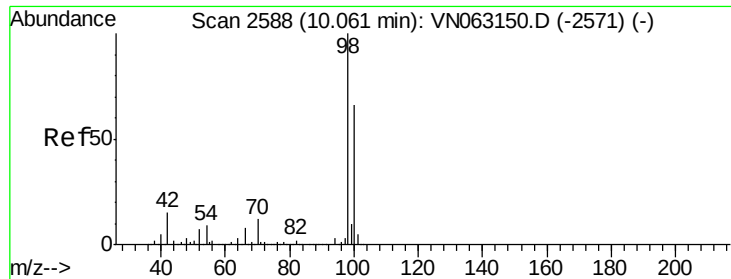
Tot Ion:113 Resp: 240303
 Ion Ratio Lower Upper
 113 100
 111 104.5 80.7 121.1
 192 16.5 12.6 19.0



#43
 Isopropyl Acetate
 Concen: 11.989 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VN063285.D
 Acq: 9 Sep 2020 16:16

Tgt Ion: 43 Resp: 146487
 Ion Ratio Lower Upper
 43 100
 61 18.7 20.2 30.4#
 87 12.1 9.8 14.6





#50

Toluene-d8

Concen: 51.844 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. -0.00 min

Lab File: VN063285.D

Acq: 9 Sep 2020 16:16

Instrument :

MSVOA_N

ClientSampleId :

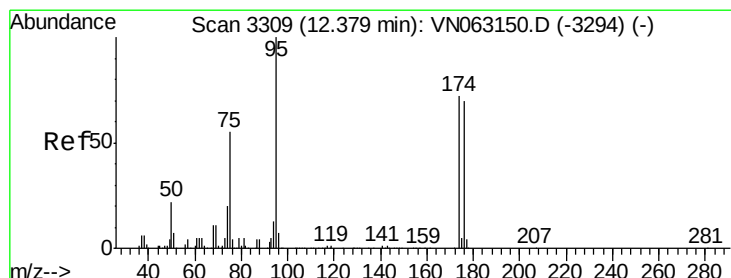
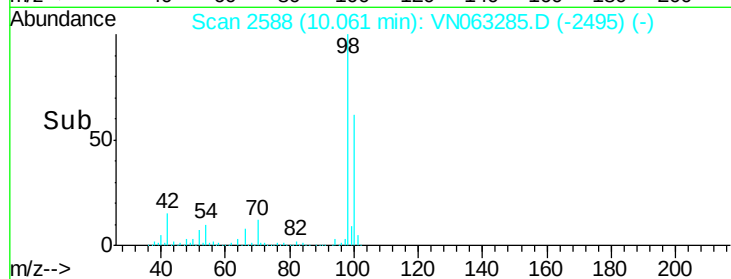
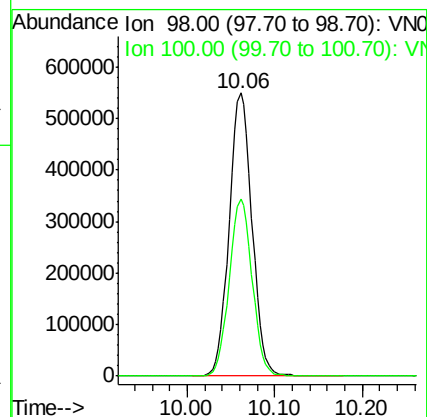
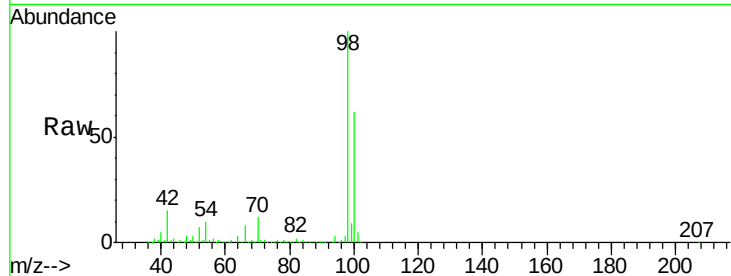
PAV-B41-090820-12-13

Tot Ion: 98 Resp: 997700

Ion Ratio Lower Upper

98 100

100 62.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 56.753 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063285.D

Acq: 9 Sep 2020 16:16

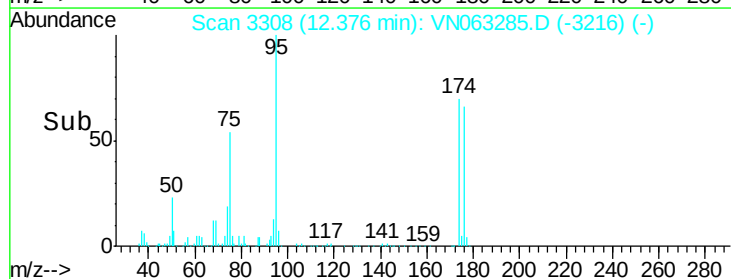
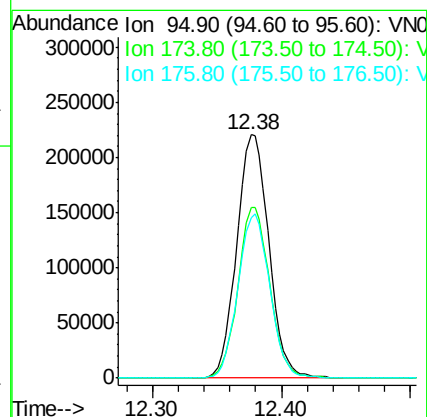
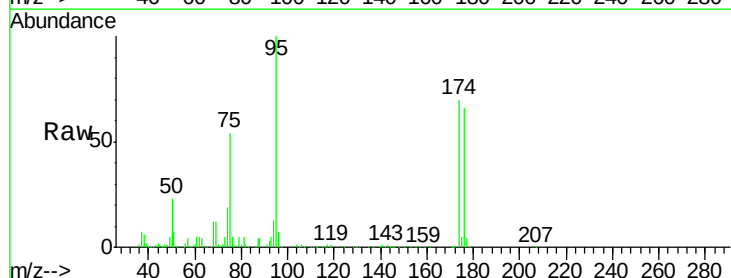
Tgt Ion: 95 Resp: 382046

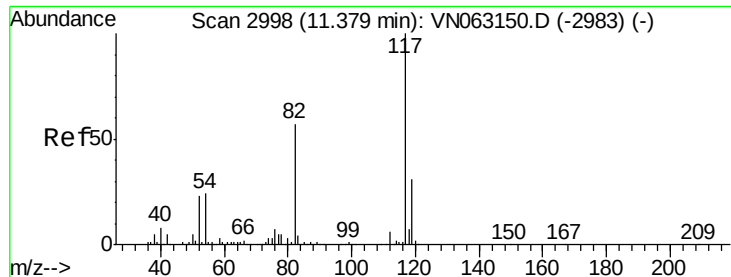
Ion Ratio Lower Upper

95 100

174 69.6 0.0 143.8

176 67.1 0.0 138.4

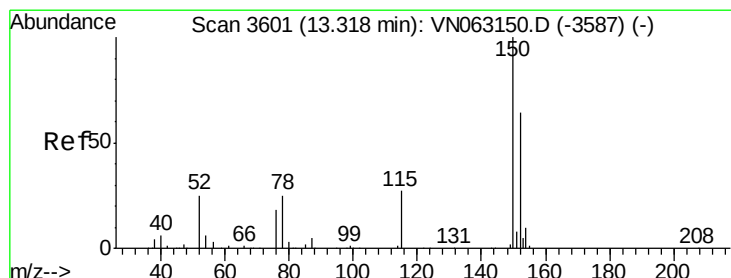
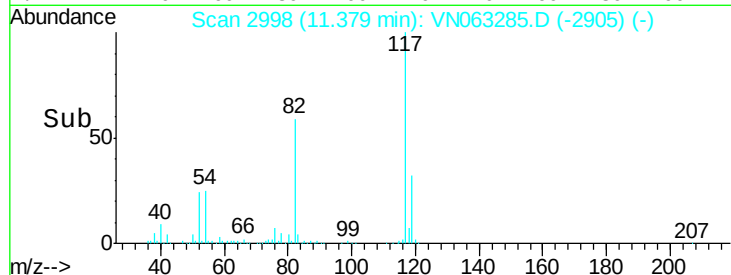
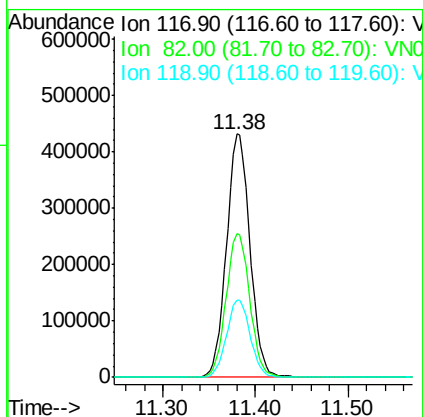
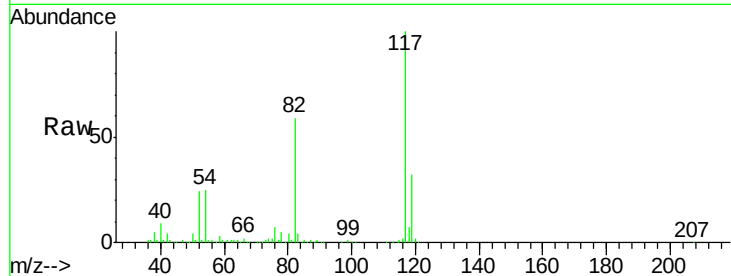




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063285.D
Acq: 9 Sep 2020 16:16

Instrument :
MSVOA_N
ClientSampleId :
PAV-B41-090820-12-13

Tot Ion:117 Resp: 757042
Ion Ratio Lower Upper
117 100
82 59.1 45.4 68.0
119 31.7 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063285.D
Acq: 9 Sep 2020 16:16

Tgt Ion:152 Resp: 312484
Ion Ratio Lower Upper
152 100
115 64.3 32.0 96.2
150 158.8 0.0 353.0

