

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112520\
 Data File : VN064855.D
 Acq On : 25 Nov 2020 14:42
 Operator : JC/MD
 Sample : L4891-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B3-112420-10.5-11.5

Manual Integrations
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Quant Time: Nov 26 04:17:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	150418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	273453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	292172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	124928	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	94802	54.21	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	108.42%		
35) Dibromofluoromethane	7.55	113	87601	53.54	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	107.08%		
50) Toluene-d8	10.06	98	347901	52.04	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.08%		
62) 4-Bromofluorobenzene	12.38	95	134218	56.10	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	112.20%		

Target Compounds

					Qvalue
16) Acetone	3.79	43	7219m	12.558	ug/l
18) Methyl Acetate	4.28	43	3071	1.777	ug/l #
20) Methylene Chloride	4.50	84	11418	6.339	ug/l
43) Isopropyl Acetate	8.13	43	39512	10.057	ug/l

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

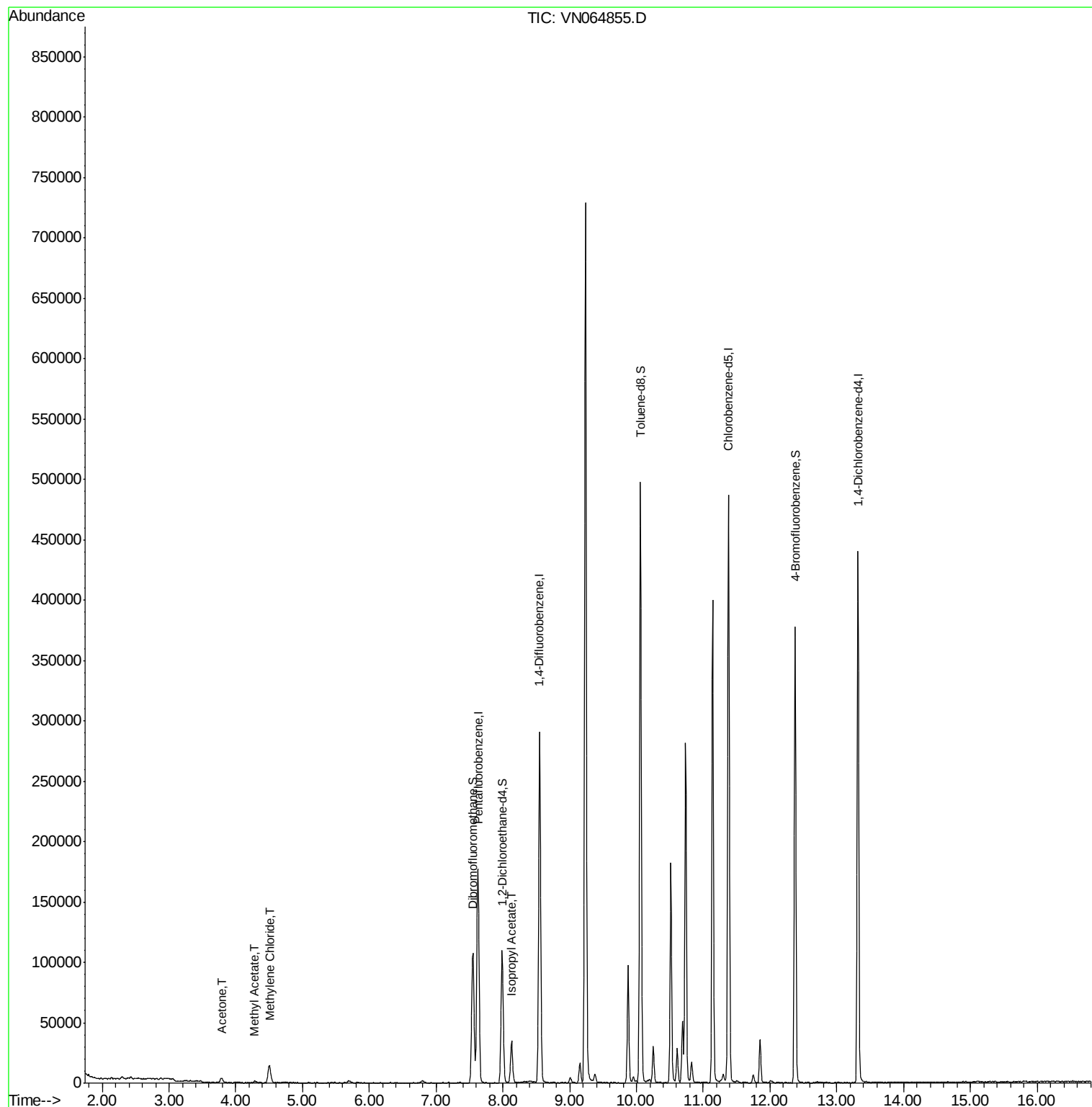
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112520\
Data File : VN064855.D
Acq On : 25 Nov 2020 14:42
Operator : JC/MD
Sample : L4891-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

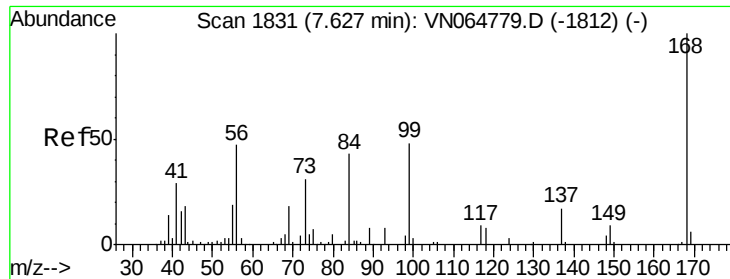
Instrument :
MSVOA_N
ClientSampleId :
PAV-B3-112420-10.5-11.5

Quant Time: Nov 26 04:17:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064855.D

Acq: 25 Nov 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

PAV-B3-112420-10.5-11.5

Tot Ion:168 Resp: 150418

Ion Ratio Lower Upper

168 100

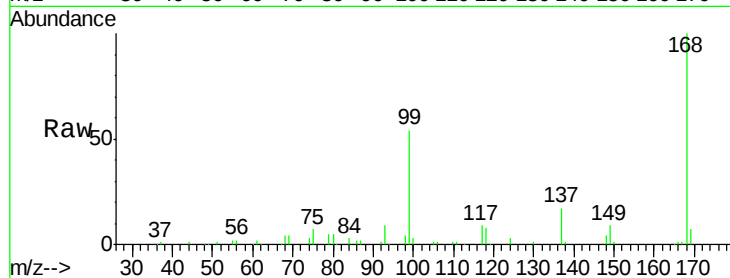
99 53.6 43.0 64.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

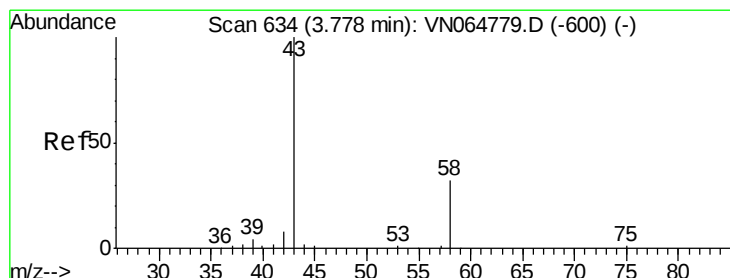
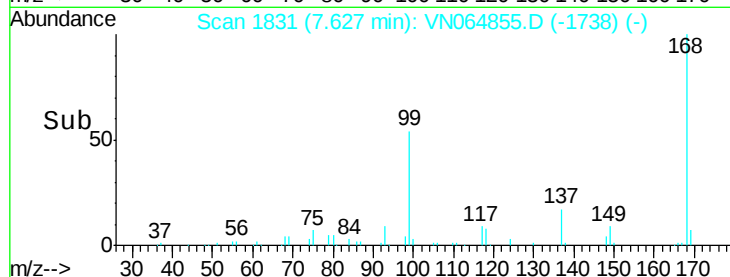
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 12.558 ug/l m

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN064855.D

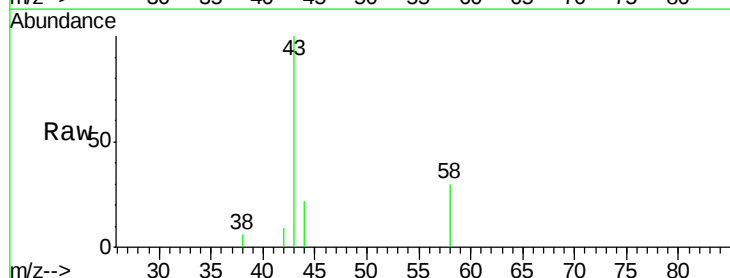
Acq: 25 Nov 2020 14:42

Tgt Ion: 43 Resp: 7219

Ion Ratio Lower Upper

43 100

58 29.7 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

3000

2500

2000

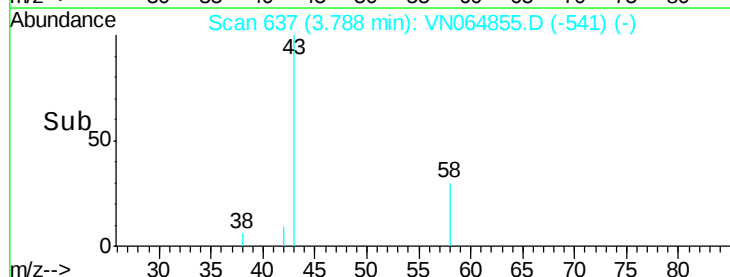
1500

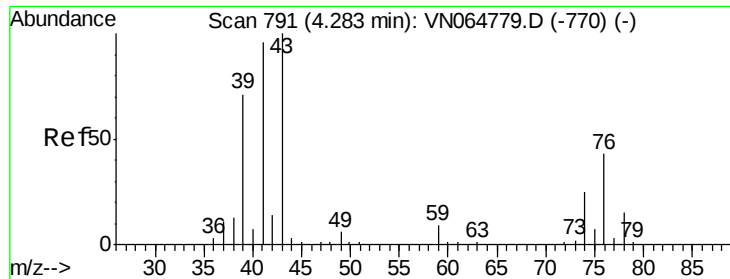
1000

500

0

Time--> 3.70 3.75 3.80 3.85





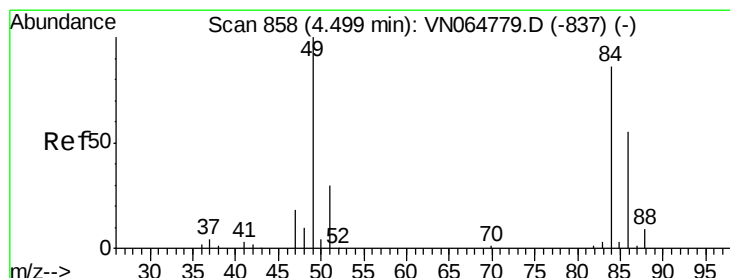
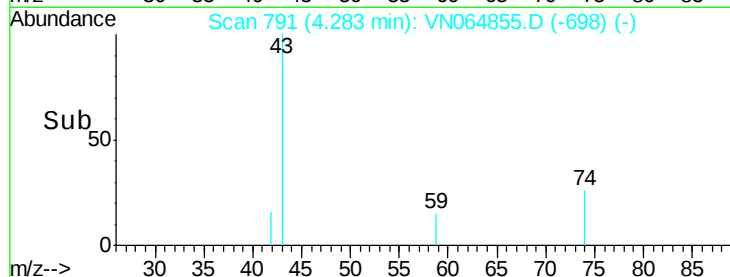
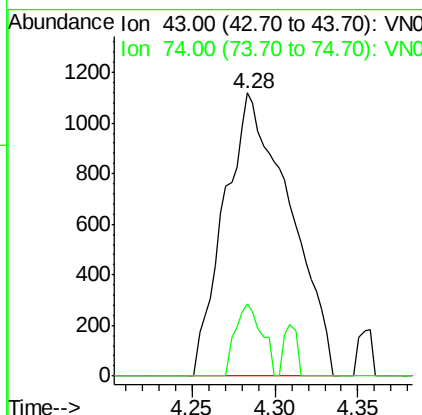
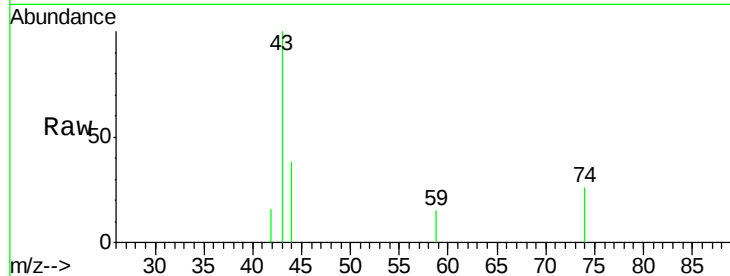
#18
Methyl Acetate
Concen: 1.777 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064855.D
Acq: 25 Nov 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
PAV-B3-112420-10.5-11.5

Tot Ion: 43 Resp: 3071
Ion Ratio Lower Upper
43 100
74 10.3 20.2 30.2#

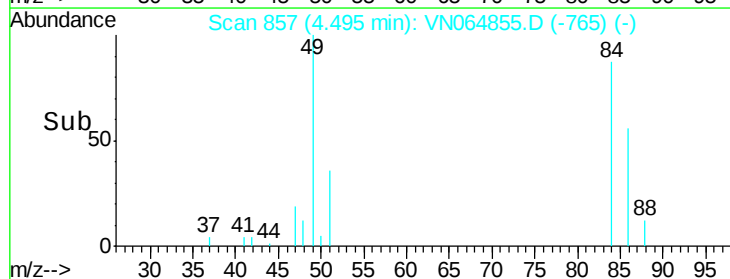
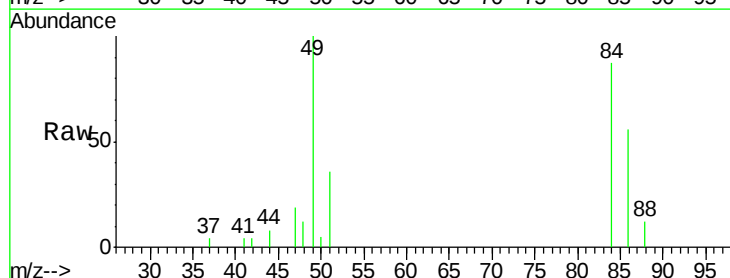
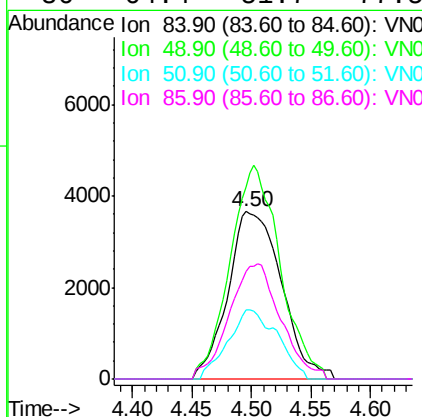
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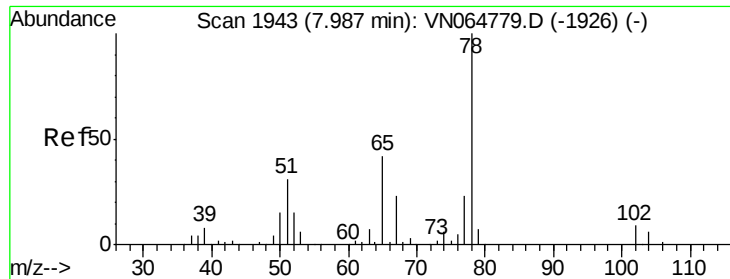
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#20
Methylene Chloride
Concen: 6.339 ug/l
RT: 4.50 min Scan# 857
Delta R.T. -0.00 min
Lab File: VN064855.D
Acq: 25 Nov 2020 14:42

Tgt Ion: 84 Resp: 11418
Ion Ratio Lower Upper
84 100
49 114.9 93.4 140.0
51 41.1 28.2 42.4
86 64.4 51.7 77.5





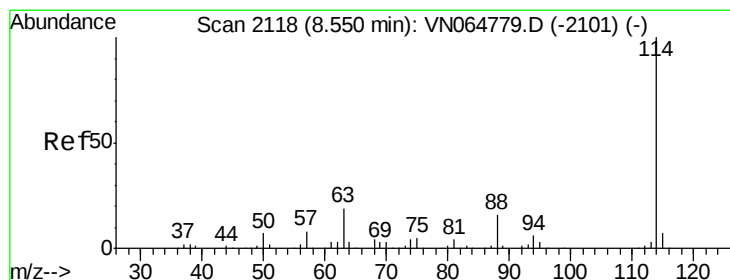
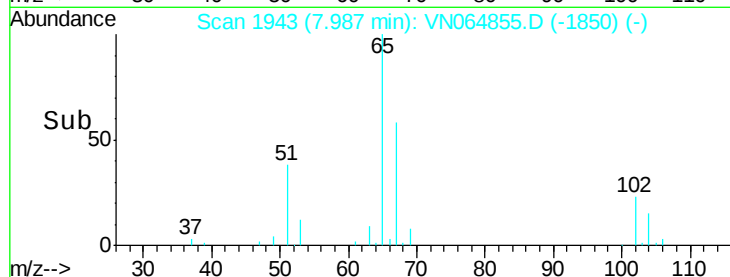
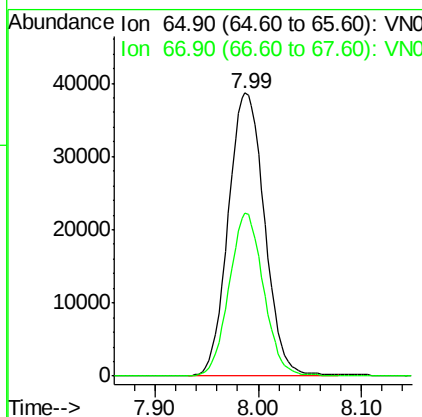
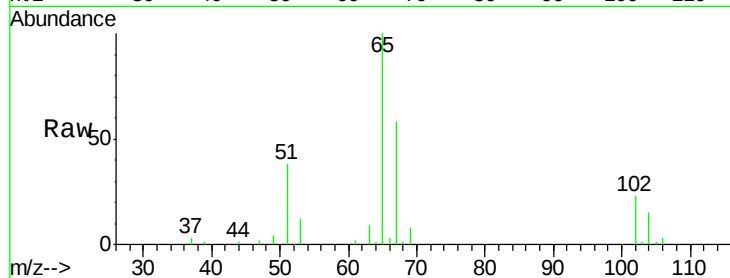
#33
 1,2-Dichloroethane-d4
 Concen: 54.213 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064855.D
 Acq: 25 Nov 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B3-112420-10.5-11.5

Tot Ion: 65 Resp: 94802
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 108.2

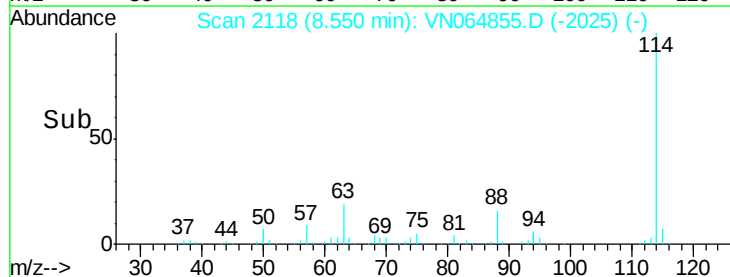
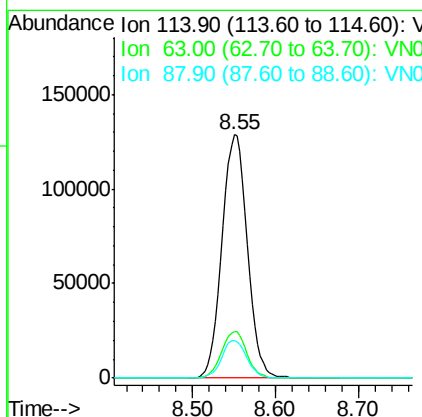
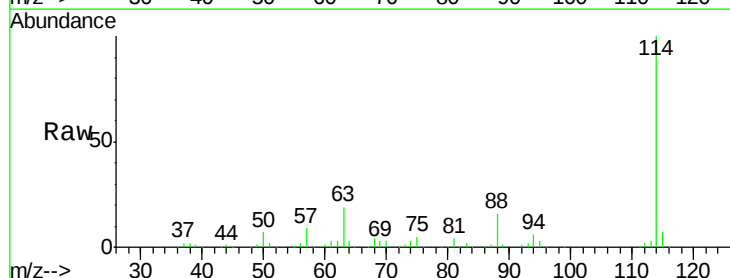
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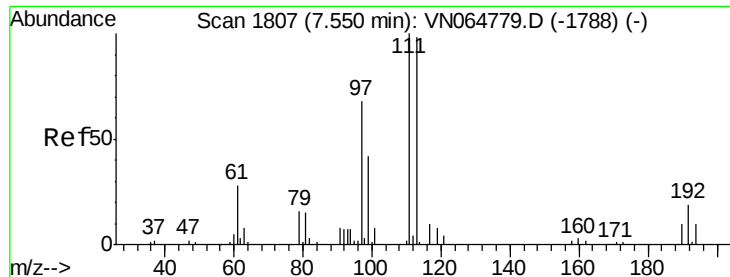
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064855.D
 Acq: 25 Nov 2020 14:42

Tgt Ion: 114 Resp: 273453
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.538 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064855.D

Acq: 25 Nov 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

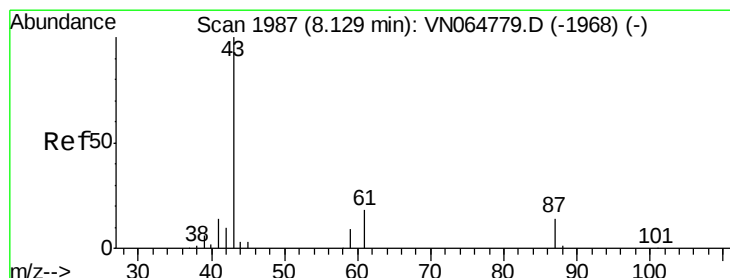
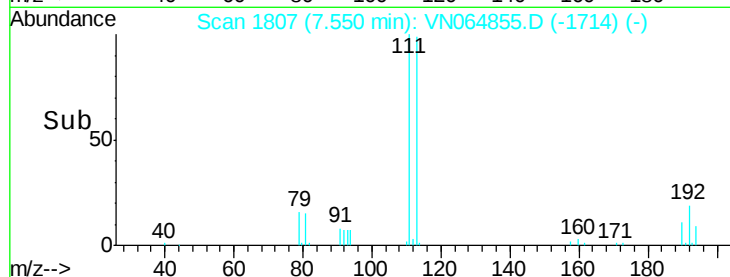
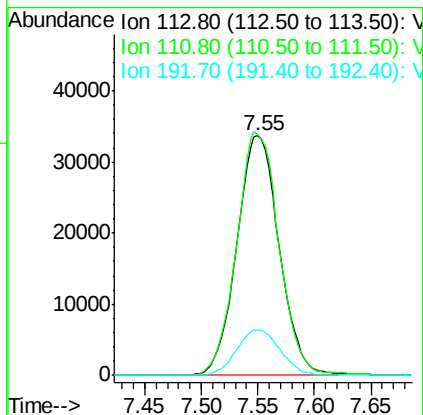
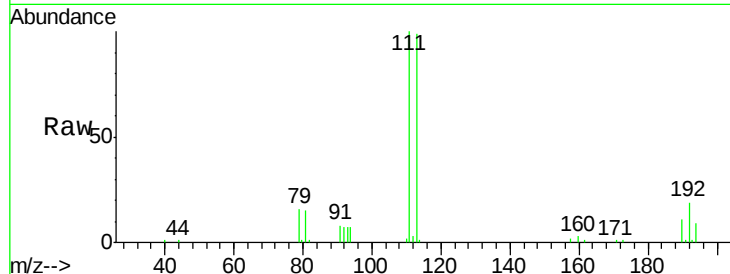
PAV-B3-112420-10.5-11.5

Tot Ion:	113	Resp:	87601
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.6	122.4
192	19.5	16.2	24.2

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#43

Isopropyl Acetate

Concen: 10.057 ug/l

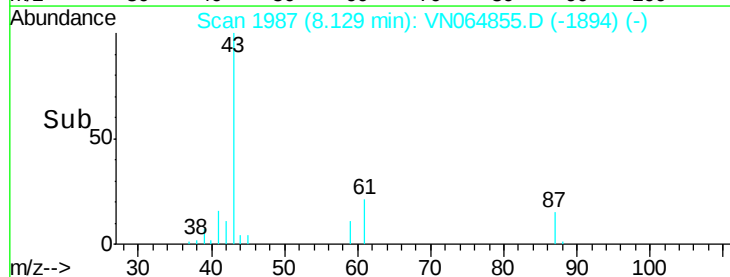
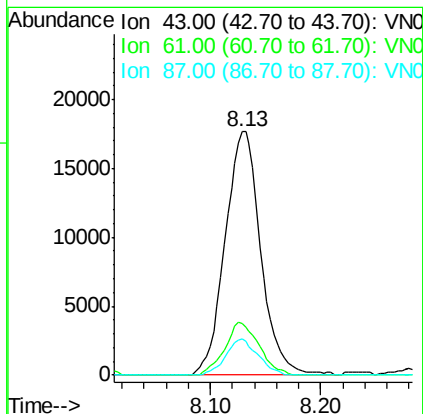
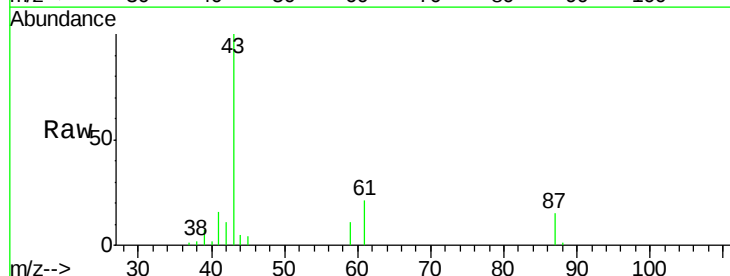
RT: 8.13 min Scan# 1987

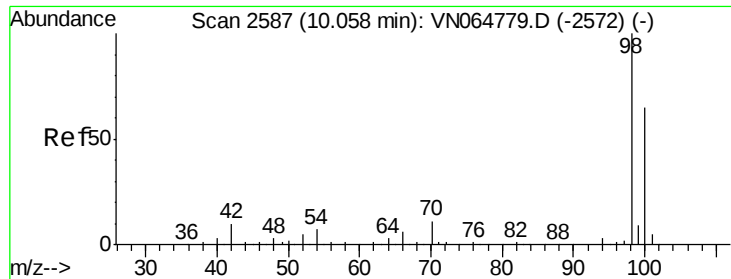
Delta R.T. 0.00 min

Lab File: VN064855.D

Acq: 25 Nov 2020 14:42

Tgt Ion:	43	Resp:	39512
Ion	Ratio	Lower	Upper
43	100		
61	20.9	17.2	25.8
87	13.3	11.4	17.0





#50

Toluene-d8

Concen: 52.037 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064855.D

Acq: 25 Nov 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

PAV-B3-112420-10.5-11.5

Tot Ion: 98 Resp: 347901

Ion Ratio Lower Upper

98 100

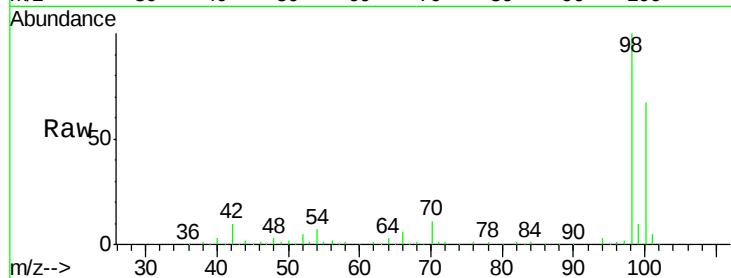
100 65.5 51.7 77.5

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Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

200000

150000

100000

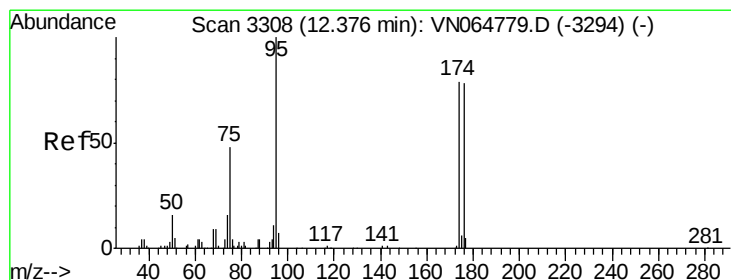
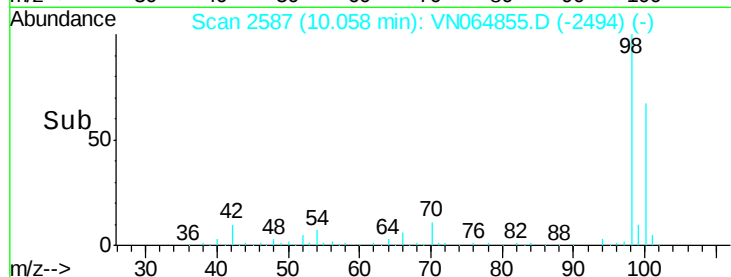
50000

0

10.06

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 56.096 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064855.D

Acq: 25 Nov 2020 14:42

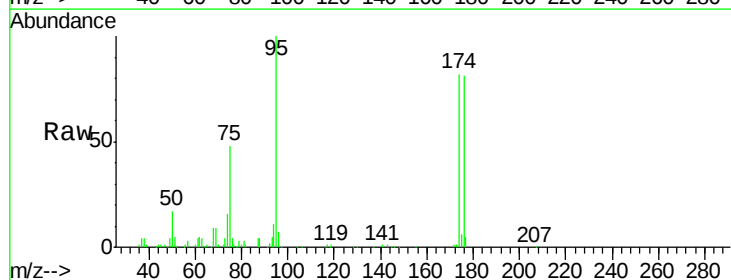
Tgt Ion: 95 Resp: 134218

Ion Ratio Lower Upper

95 100

174 80.9 0.0 160.4

176 79.3 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

60000

40000

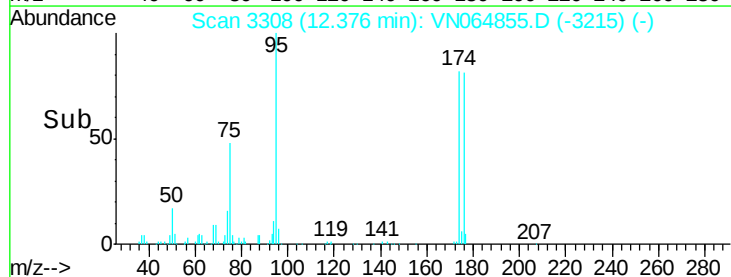
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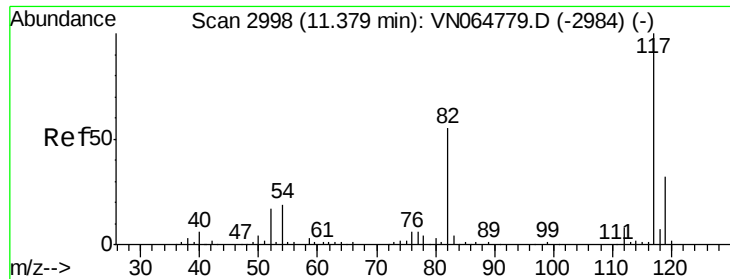
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12.38

12.30 12.35 12.40 12.45

Time-->





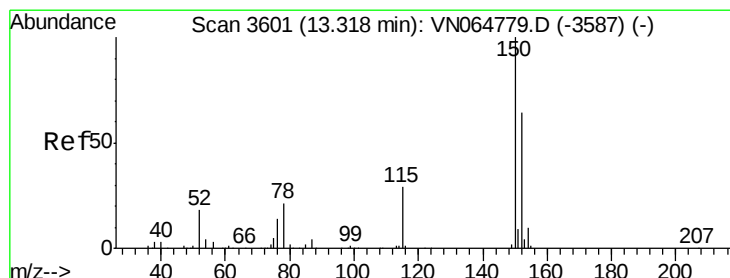
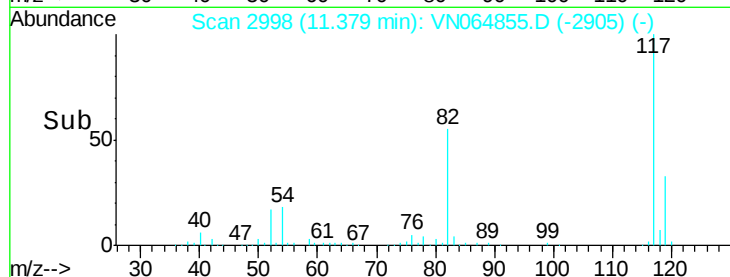
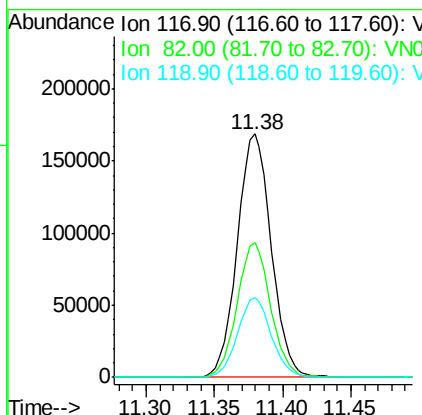
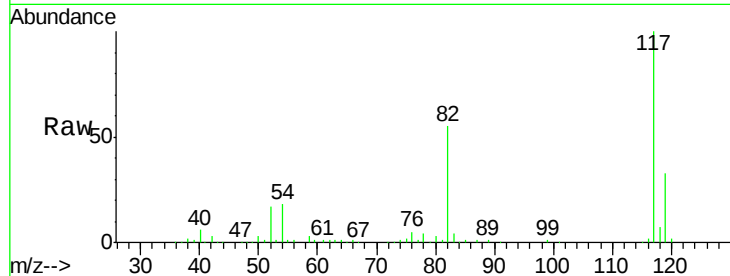
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2998
 Delta R.T. 0.00 min
 Lab File: VN064855.D
 Acq: 25 Nov 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B3-112420-10.5-11.5

Tot Ion	Ratio	Resp	Lower	Upper
117	100	292172		
82	55.1	44.2	66.2	
119	32.9	25.8	38.6	

Manual Integrations
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#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VN064855.D
 Acq: 25 Nov 2020 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	124928		
115	59.2	29.7	89.1	
150	157.0	0.0	350.6	

