

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064026.D
 Acq On : 9 Oct 2020 7:16
 Operator : JC/MD
 Sample : L4311-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B10-100720-0-1

Manual Integrations
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 10/9/2020 4:53:27 PM

Quant Time: Oct 09 12:24:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	237428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	458034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	480744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182254	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	201664	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
35) Dibromofluoromethane	7.55	113	153562	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
50) Toluene-d8	10.06	98	582698	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.38	95	221948	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
Target Compounds						
16) Acetone	3.78	43	15171	12.564	ug/l	95
20) Methylene Chloride	4.51	84	11773m	4.346	ug/l	
43) Isopropyl Acetate	8.13	43	88296	11.611	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	8196	1.837	ug/l	97

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

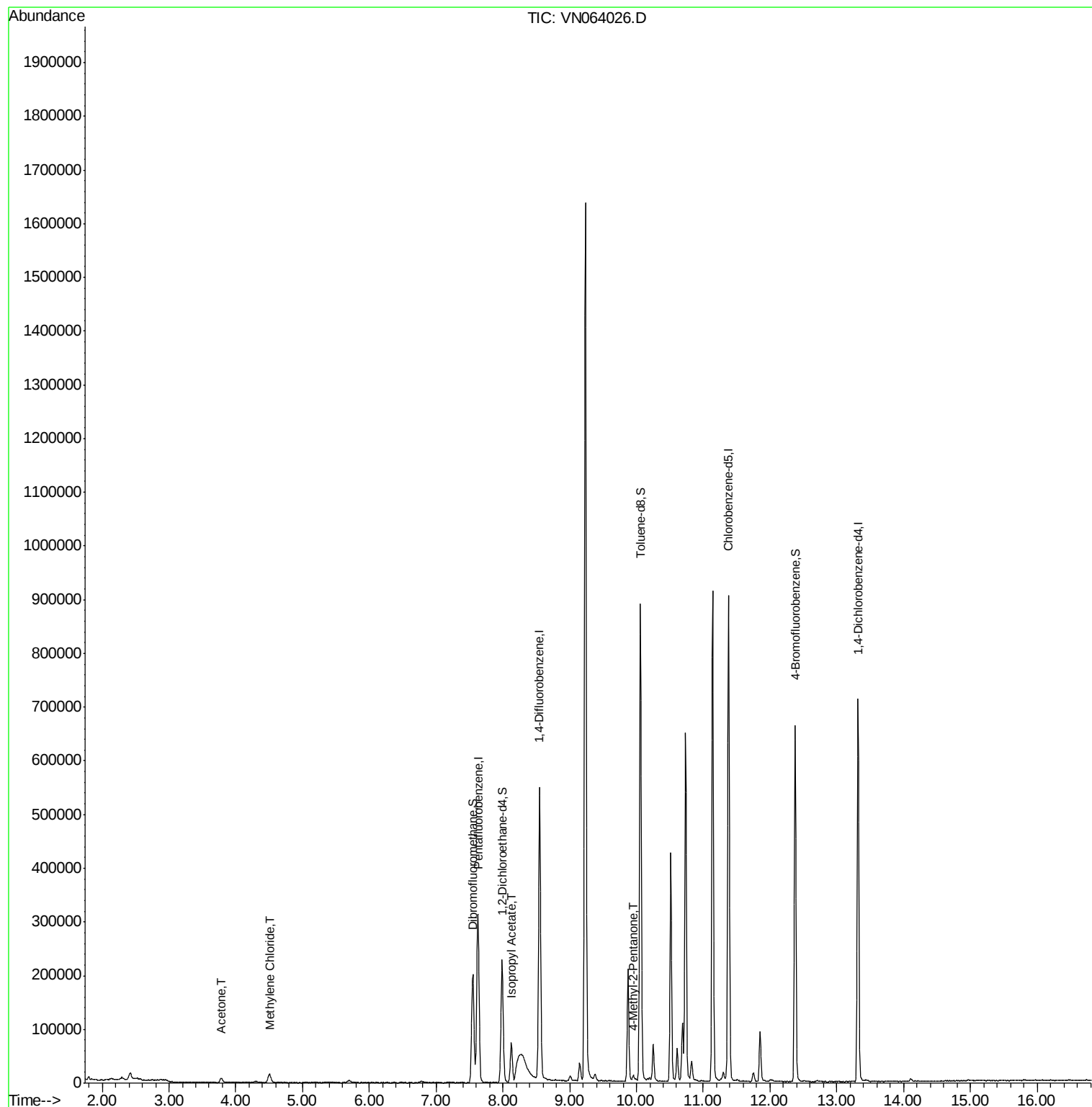
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100820\
Data File : VN064026.D
Acq On : 9 Oct 2020 7:16
Operator : JC/MD
Sample : L4311-02
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PAV-B10-100720-0-1

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Quant Time: Oct 09 12:24:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 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: VN064026.D

Acq: 9 Oct 2020 7:16

Instrument :

MSVOA_N

ClientSampleId :

PAV-B10-100720-0-1

Tot Ion:168 Resp: 237428

Ion Ratio Lower Upper

168 100

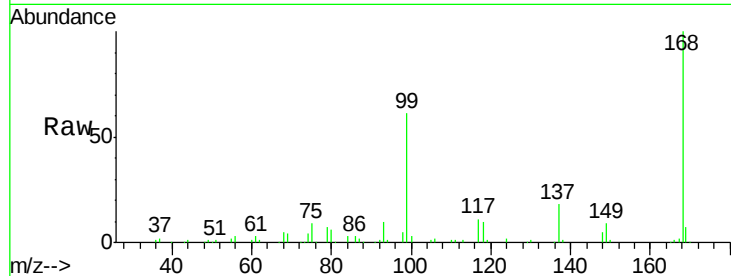
99 61.2 51.8 77.6

Manual Integrations

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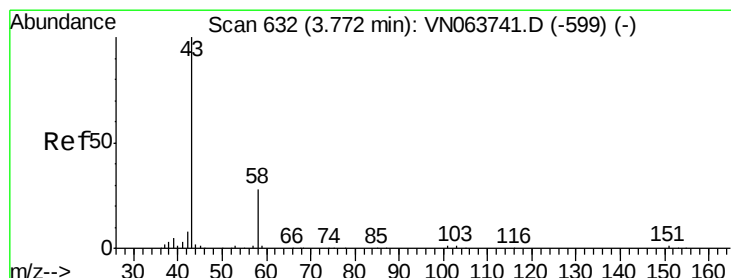
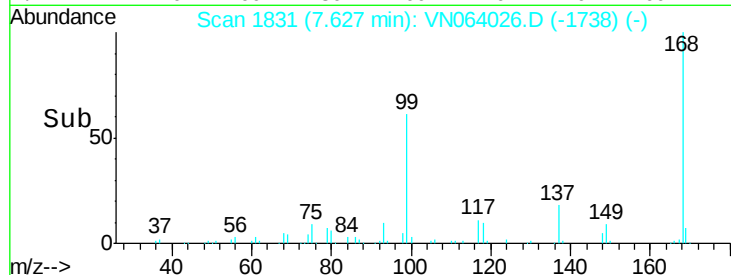
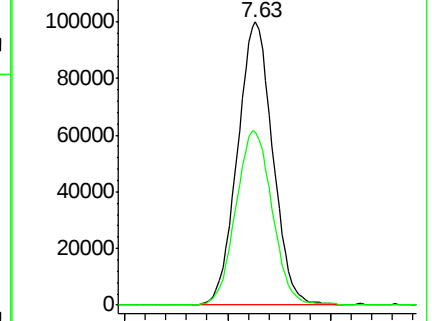
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 12.564 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064026.D

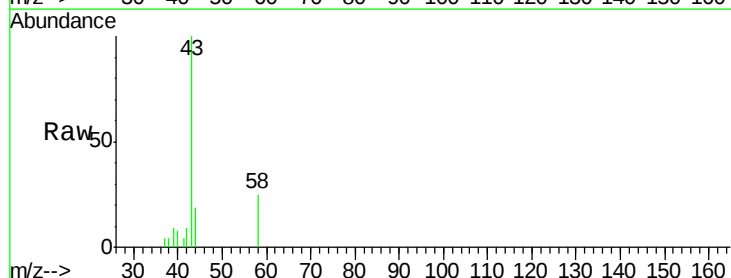
Acq: 9 Oct 2020 7:16

Tgt Ion: 43 Resp: 15171

Ion Ratio Lower Upper

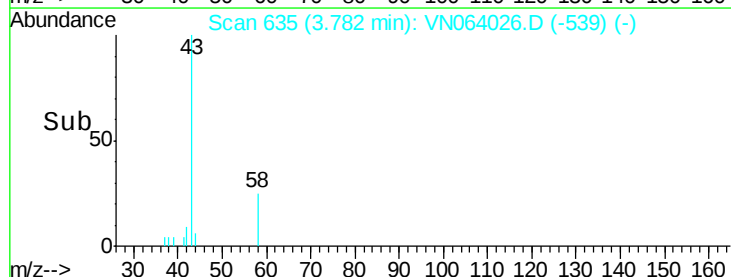
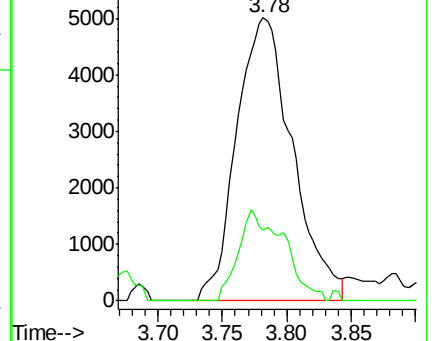
43 100

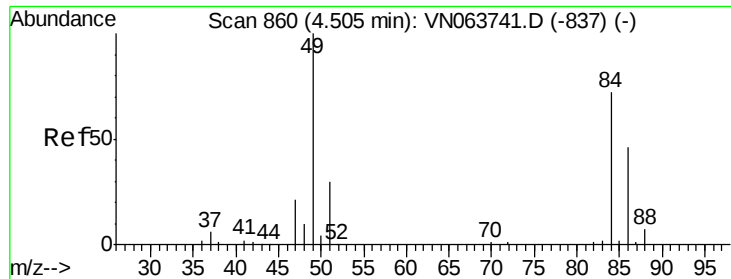
58 25.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





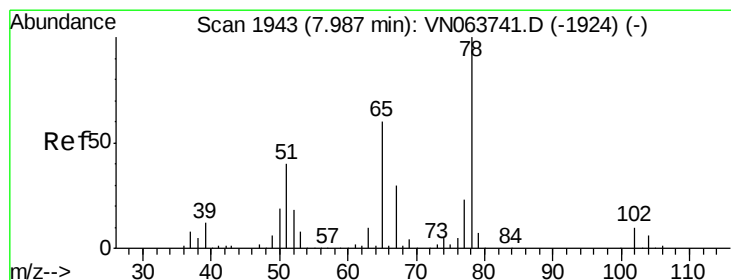
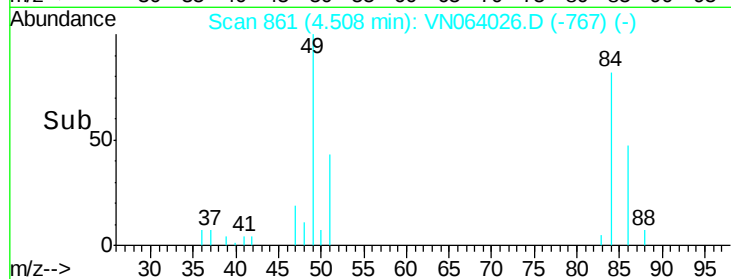
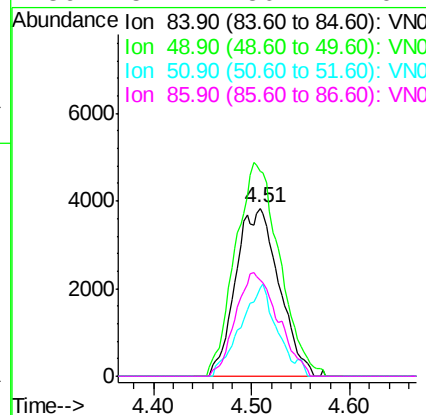
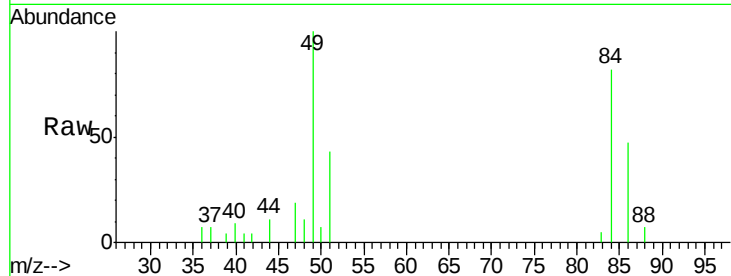
#20
Methvlene Chloride
Concen: 4.346 ug/l m
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN064026.D
Acq: 9 Oct 2020 7:16

Instrument :
MSVOA_N
ClientSampleId :
PAV-B10-100720-0-1

Tot Ion	Ratio	Lower	Upper
84	100		
49	122.0	110.4	165.6
51	52.8	33.3	49.9#
86	57.4	50.7	76.1

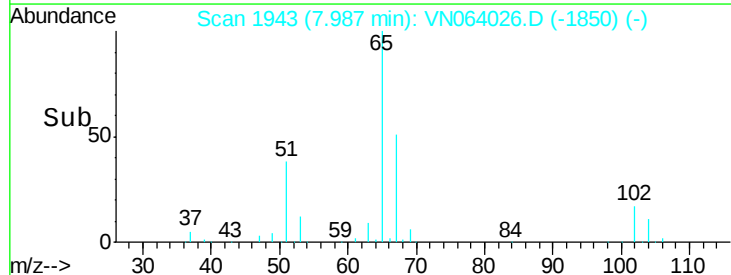
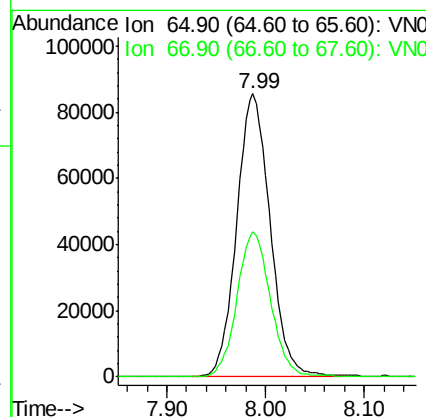
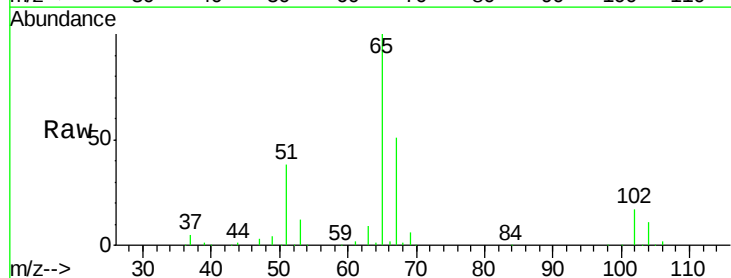
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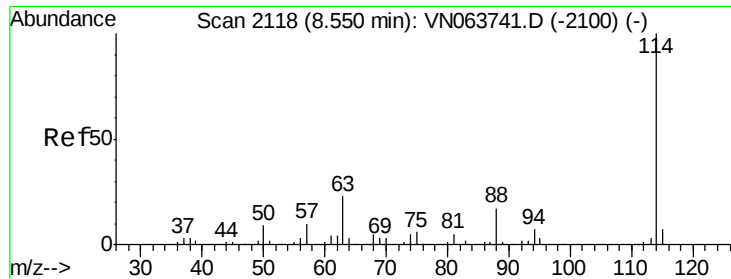
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#33
1,2-Dichloroethane-d4
Concen: 51.412 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064026.D
Acq: 9 Oct 2020 7:16

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	99.6





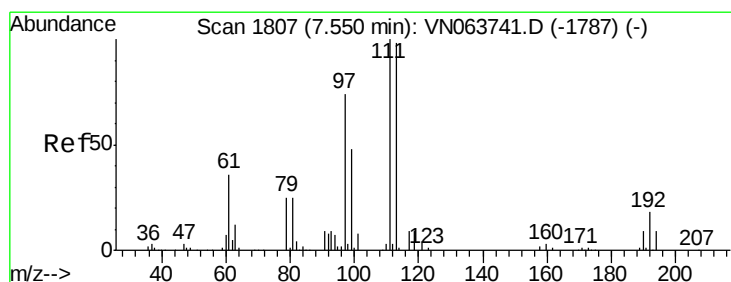
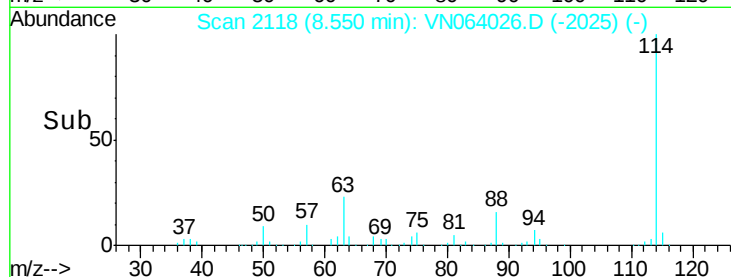
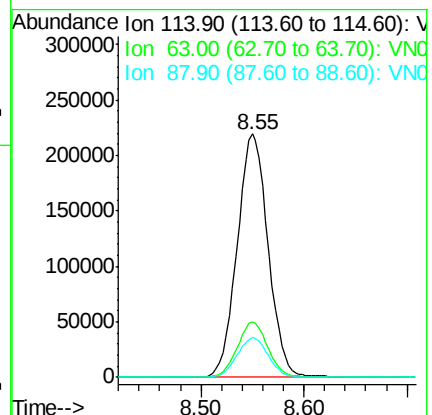
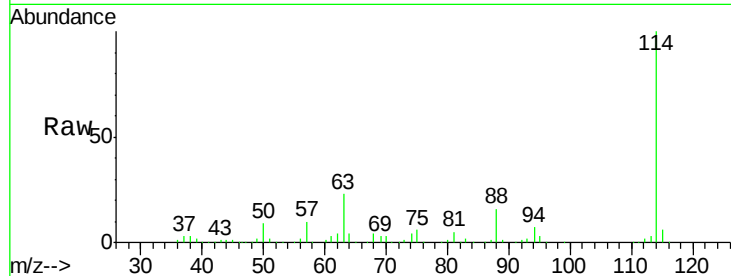
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064026.D
Acq: 9 Oct 2020 7:16

Instrument :
MSVOA_N
ClientSampleId :
PAV-B10-100720-0-1

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	23.0	0.0	45.0
88	16.3	0.0	34.0

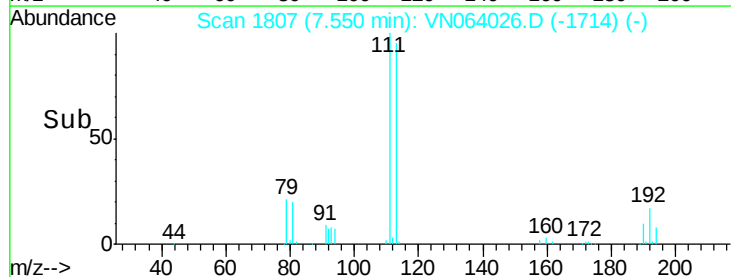
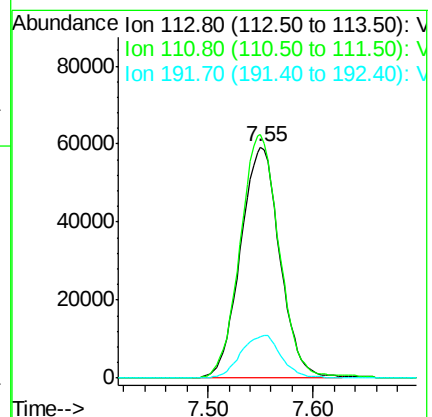
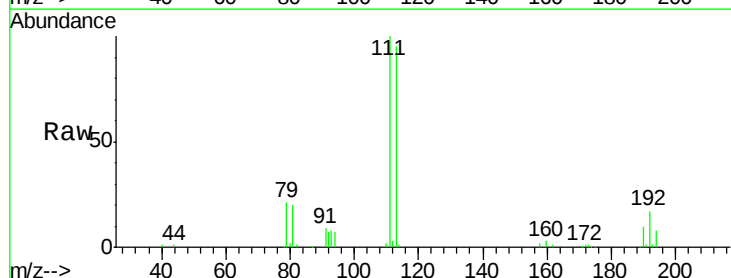
Manual Integrations
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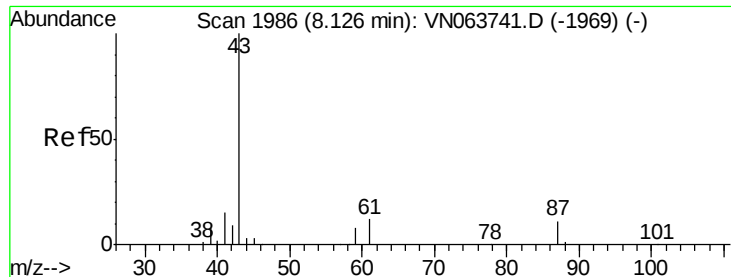
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#35
Dibromofluoromethane
Concen: 48.317 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064026.D
Acq: 9 Oct 2020 7:16

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	104.1	81.8	122.8
192	18.8	14.2	21.2





#43

Isopropyl Acetate

Concen: 11.611 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064026.D

Acq: 9 Oct 2020 7:16

Instrument :

MSVOA_N

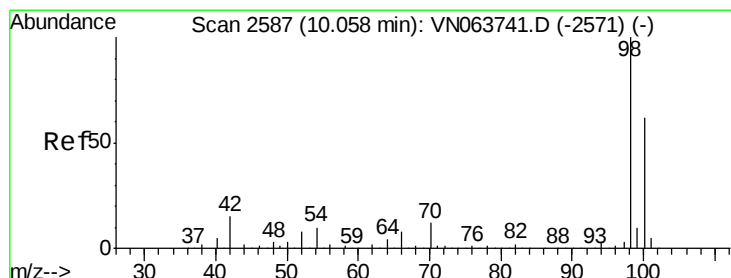
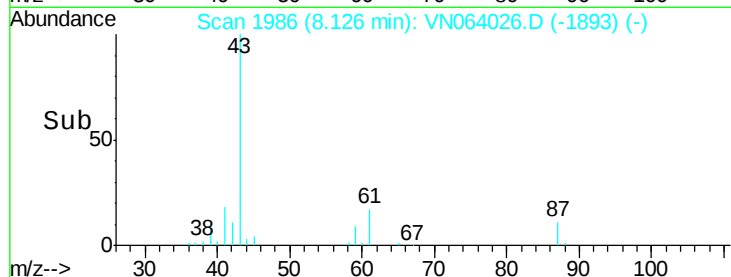
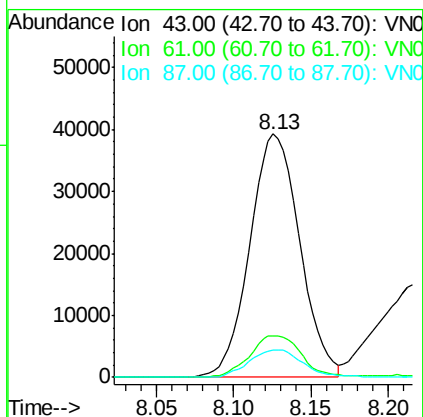
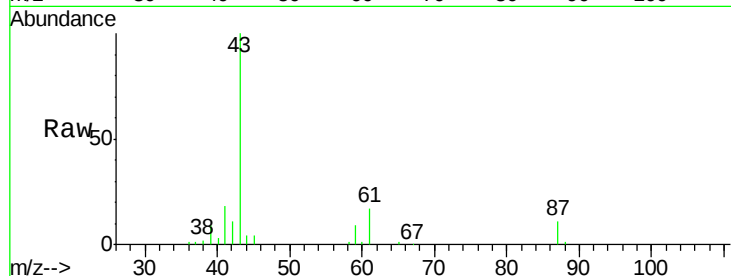
ClientSampleId :

PAV-B10-100720-0-1

Tot Ion:	43	Resp:	88296
Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.2	21.4
87	12.2	9.0	13.6

Manual Integrations
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#50

Toluene-d8

Concen: 48.364 ug/l

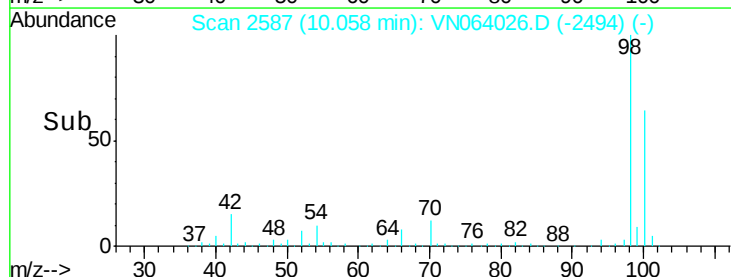
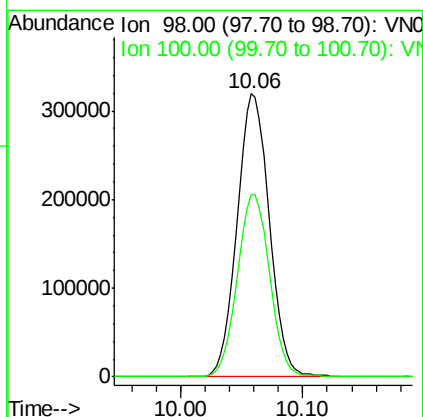
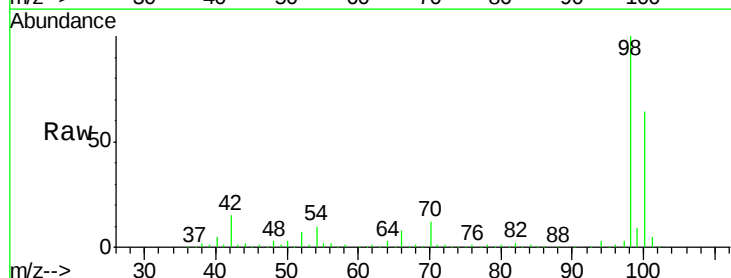
RT: 10.06 min Scan# 2587

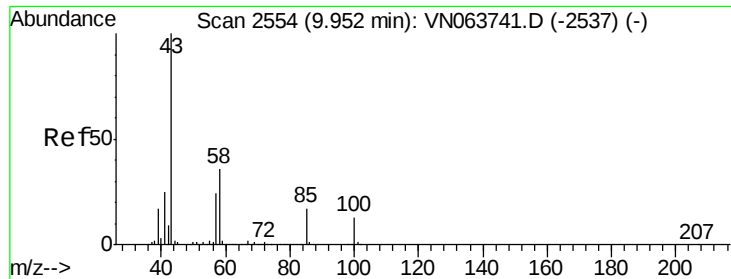
Delta R.T. 0.00 min

Lab File: VN064026.D

Acq: 9 Oct 2020 7:16

Tgt Ion:	98	Resp:	582698
Ion	Ratio	Lower	Upper
98	100		
100	64.5	49.8	74.6





#51

4-Methyl-2-Pentanone

Concen: 1.837 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064026.D

Acq: 9 Oct 2020 7:16

Instrument :

MSVOA_N

ClientSampleId :

PAV-B10-100720-0-1

Tot Ion: 43 Resp: 8196

Ion Ratio Lower Upper

43 100

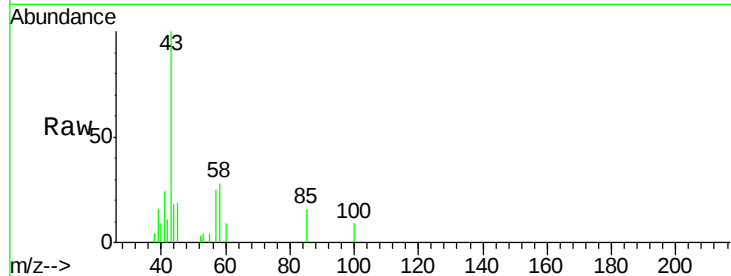
58 34.0 28.4 42.6

Manual Integrations

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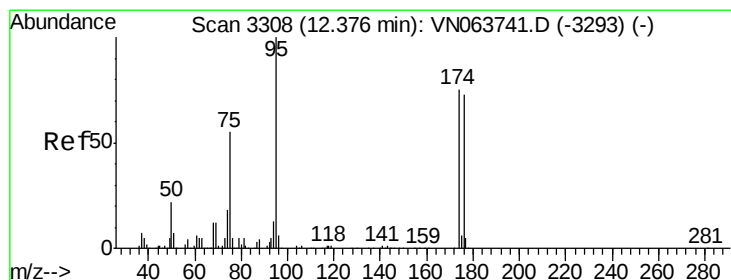
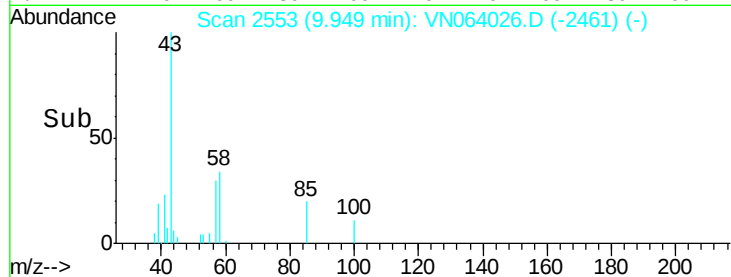
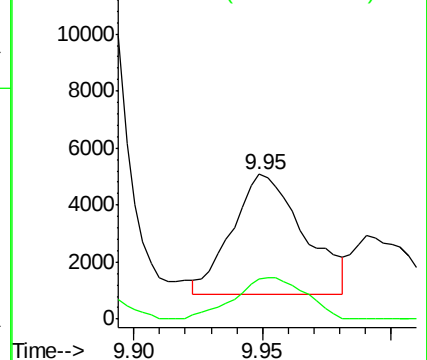
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 49.006 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064026.D

Acq: 9 Oct 2020 7:16

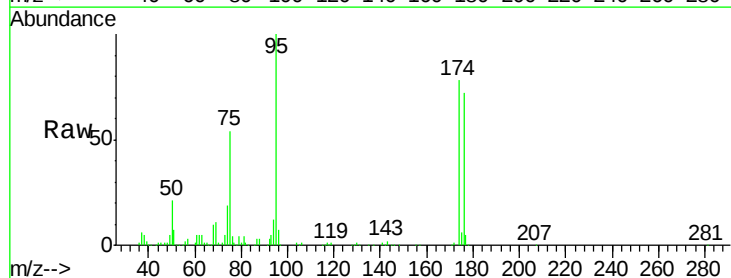
Tgt Ion: 95 Resp: 221948

Ion Ratio Lower Upper

95 100

174 78.6 0.0 150.6

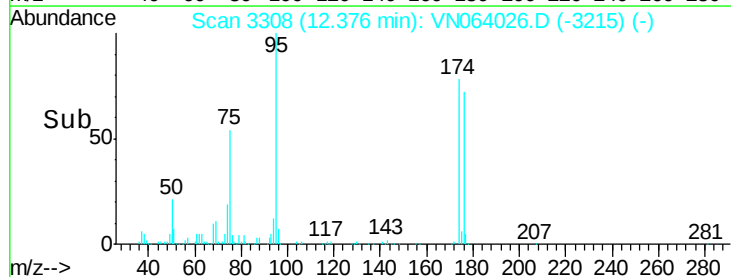
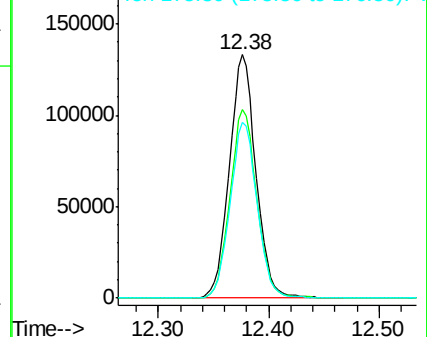
176 73.3 0.0 145.4

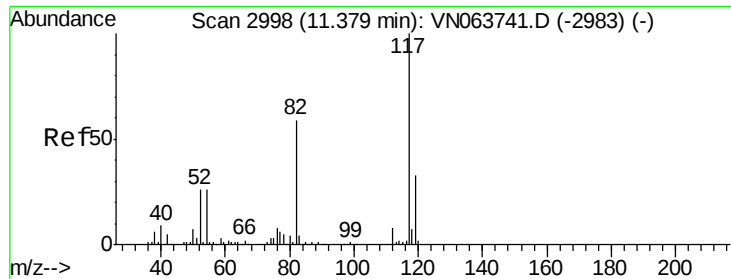


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





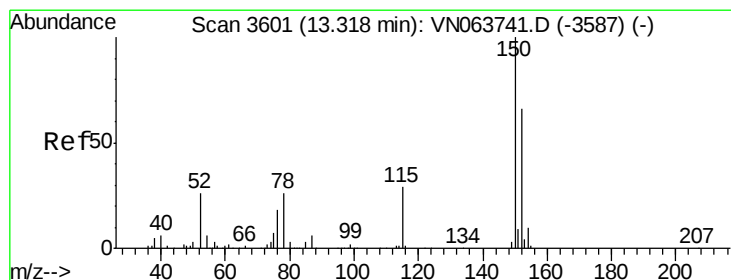
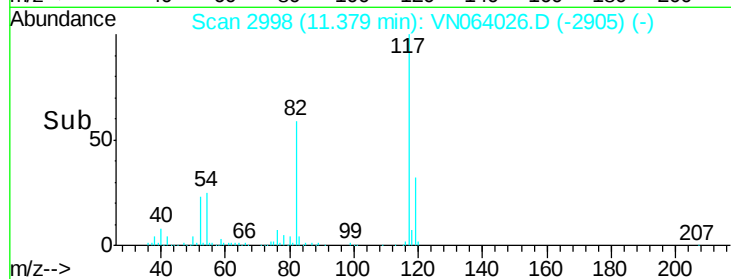
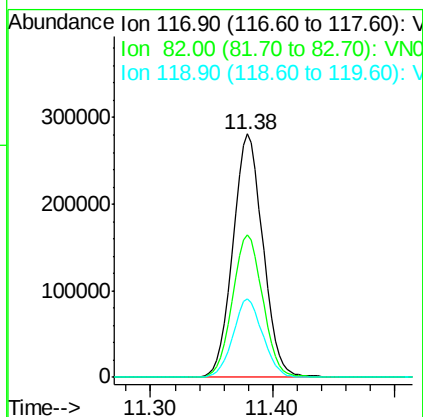
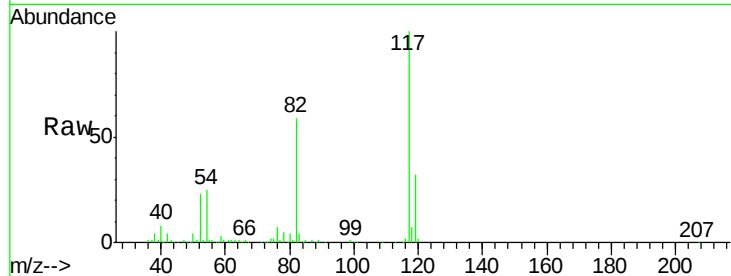
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064026.D
Acq: 9 Oct 2020 7:16

Instrument :
MSVOA_N
ClientSampleId :
PAV-B10-100720-0-1

Tot Ion	Ratio	Resp	Lower	Upper
117	100	480744		
82	58.7		47.4	71.2
119	32.3		26.4	39.6

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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: VN064026.D
Acq: 9 Oct 2020 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	182254		
115	62.1		31.3	93.8
150	157.9		0.0	341.8

