

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103020\
 Data File : VN064405.D
 Acq On : 30 Oct 2020 17:16
 Operator : JC/MD
 Sample : PB132725ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132725ZHE#09

Manual Integrations
 APPROVED

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Quant Time: Nov 02 03:09:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	209099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	367047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	372583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	150219	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	172445	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
35) Dibromofluoromethane	7.55	113	122614	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
50) Toluene-d8	10.06	98	468096	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.38	95	195024	55.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.50%	
Target Compounds						
18) Methyl Acetate	4.29	43	3982m	1.578	ug/l	
20) Methylene Chloride	4.50	84	6300	2.644	ug/l #	89
43) Isopropyl Acetate	8.12	43	77613	12.134	ug/l #	91

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

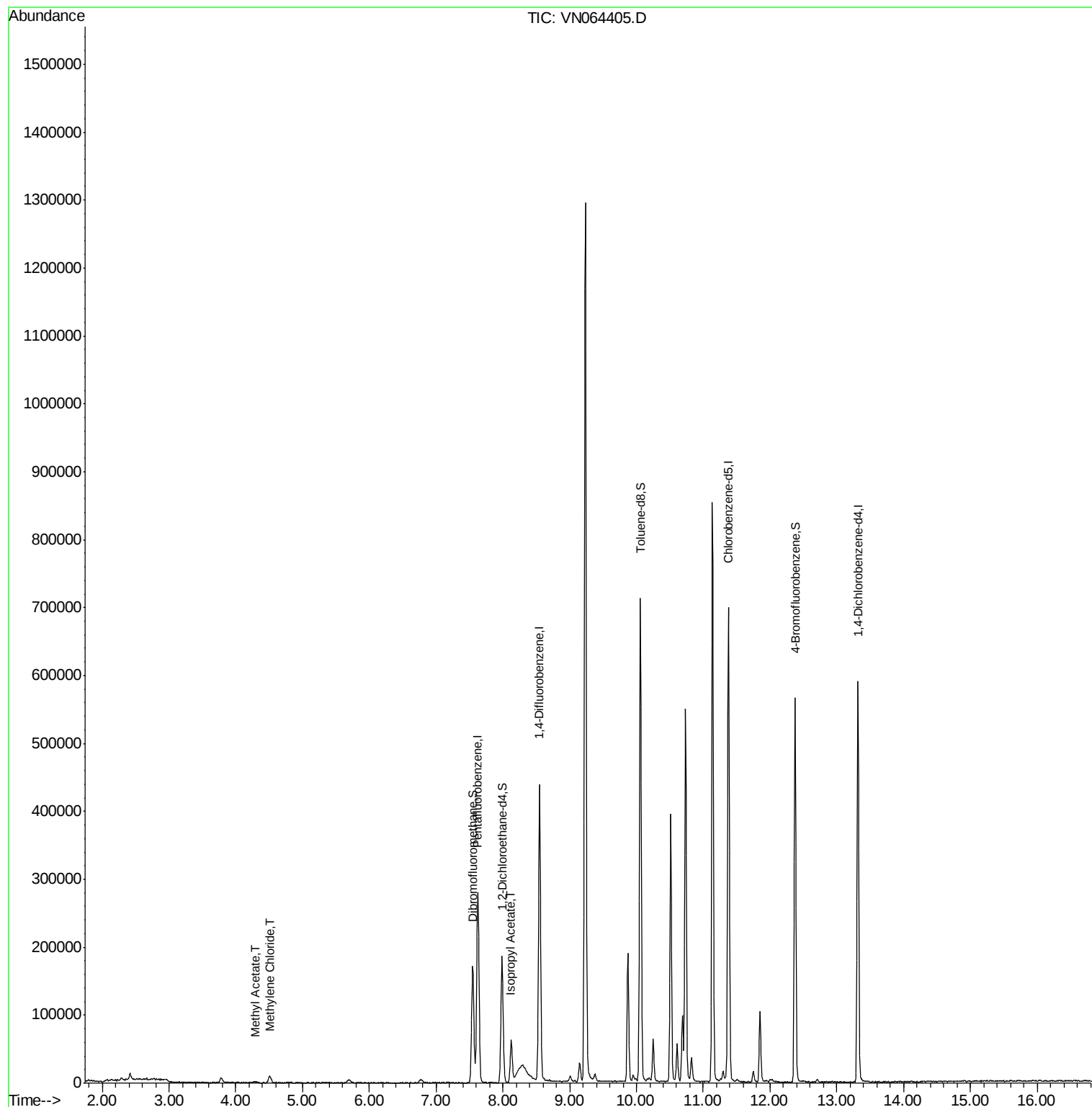
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN103020\
Data File : VN064405.D
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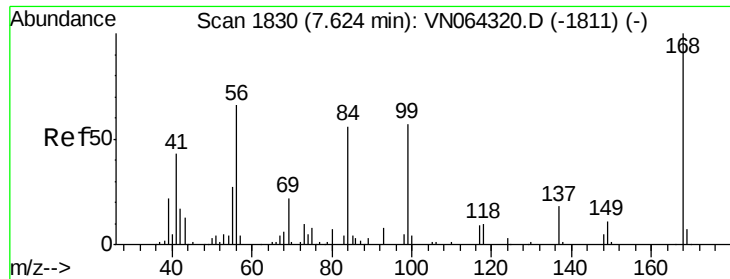
Instrument :
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Quant Time: Nov 02 03:09:30 2020
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Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064405.D

Acq: 30 Oct 2020 17:16

Instrument :

MSVOA_N

ClientSampleId :

PB132725ZHE#09

Tot Ion:168 Resp: 209099

Ion Ratio Lower Upper

168 100

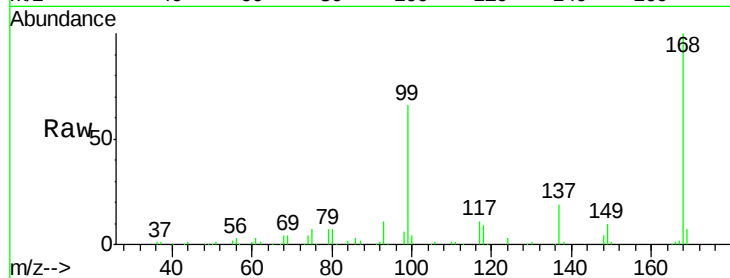
99 65.7 52.7 79.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

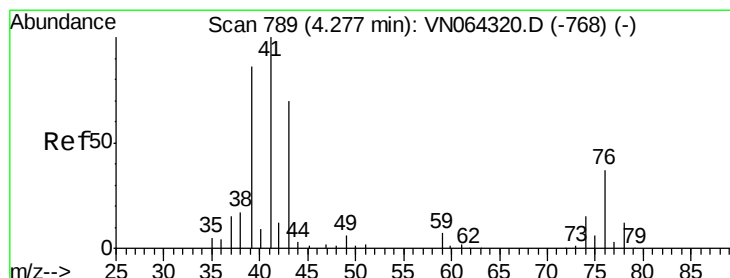
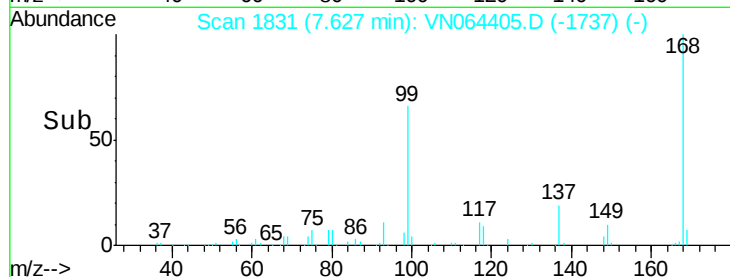
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#18

Methyl Acetate

Concen: 1.578 ug/l m

RT: 4.29 min Scan# 793

Delta R.T. 0.01 min

Lab File: VN064405.D

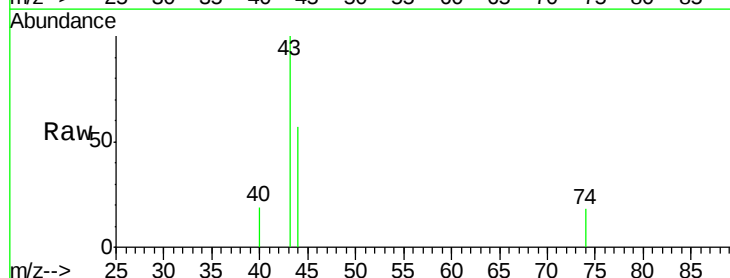
Acq: 30 Oct 2020 17:16

Tgt Ion: 43 Resp: 3982

Ion Ratio Lower Upper

43 100

74 0.0 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

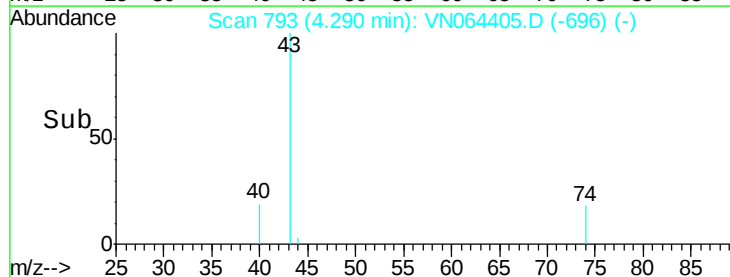
4.29

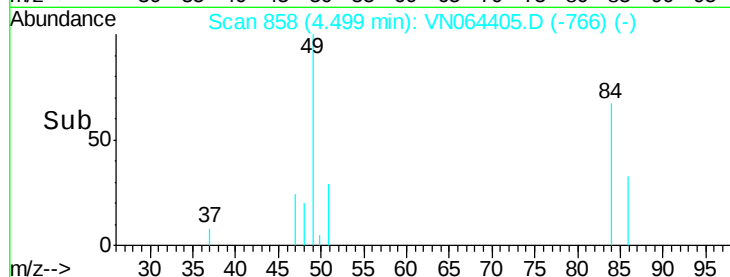
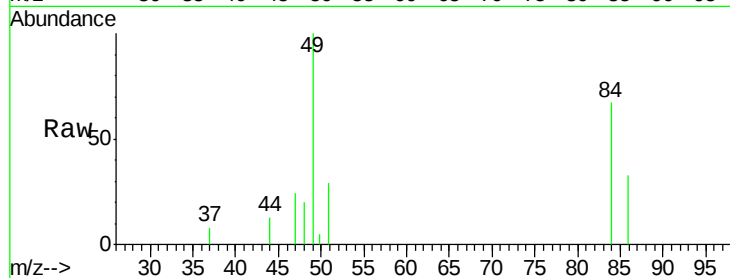
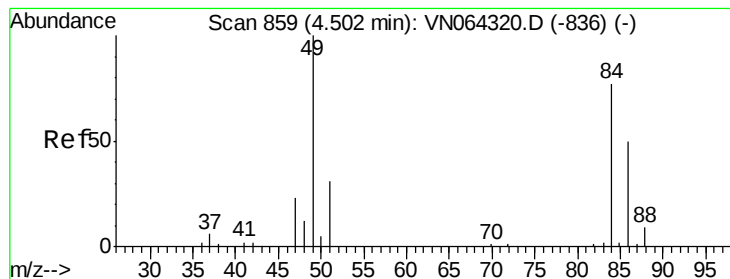
1000

500

0

Time--> 4.20 4.25 4.30 4.35 4.40





#20

Methvlene Chloride

Concen: 2.644 ug/l

RT: 4.50 min Scan# 858

Delta R.T. -0.00 min

Lab File: VN064405.D

Acq: 30 Oct 2020 17:16

Tot Ion:	84	Resp:	6300
Ion	Ratio	Lower	Upper
84	100		
49	139.3	103.6	155.4
51	42.7	31.8	47.8
86	49.4	51.3	76.9#

Instrument :

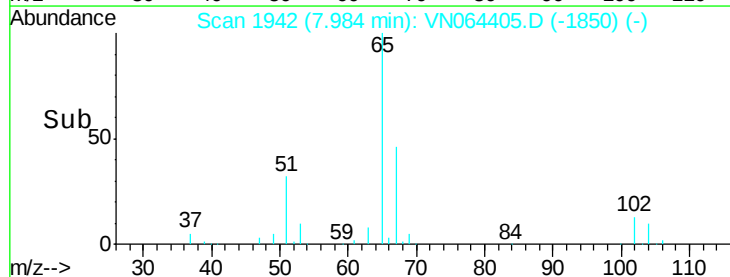
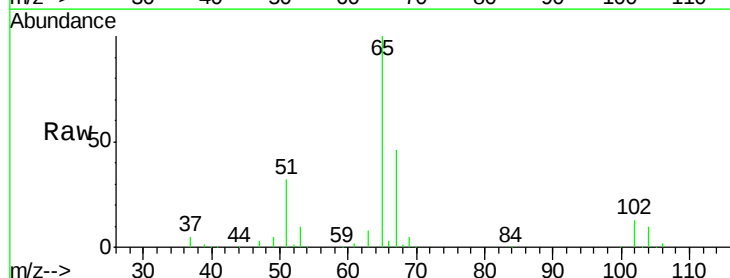
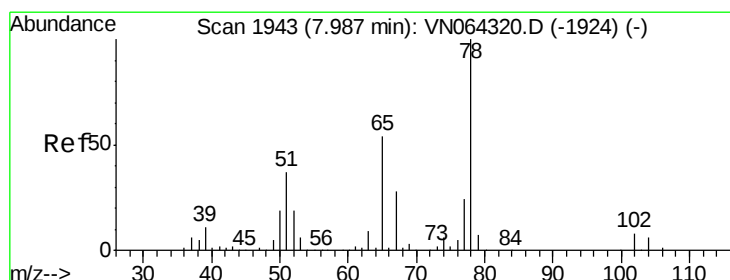
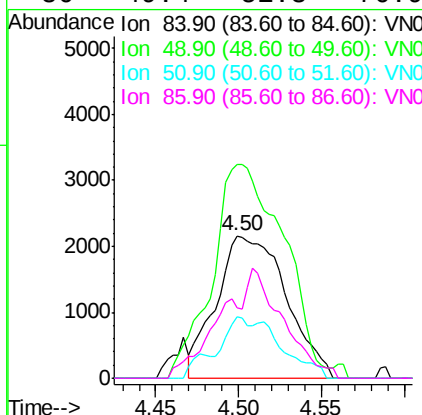
MSVOA_N

ClientSampleId :

PB132725ZHE#09

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#33

1,2-Dichloroethane-d4

Concen: 51.320 ug/l

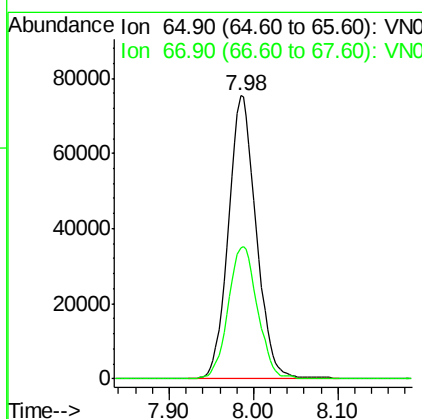
RT: 7.98 min Scan# 1942

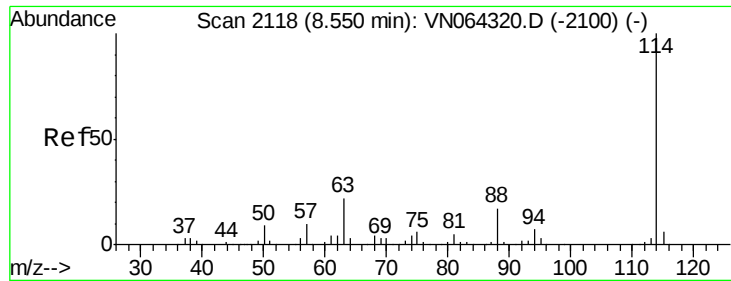
Delta R.T. -0.00 min

Lab File: VN064405.D

Acq: 30 Oct 2020 17:16

Tgt Ion:	65	Resp:	172445
Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	99.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064405.D

Acq: 30 Oct 2020 17:16

Instrument :

MSVOA_N

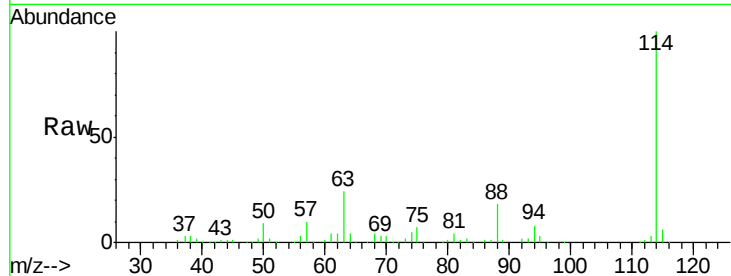
ClientSampleId :

PB132725ZHE#09

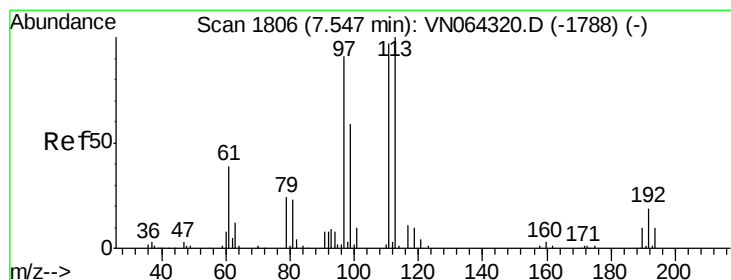
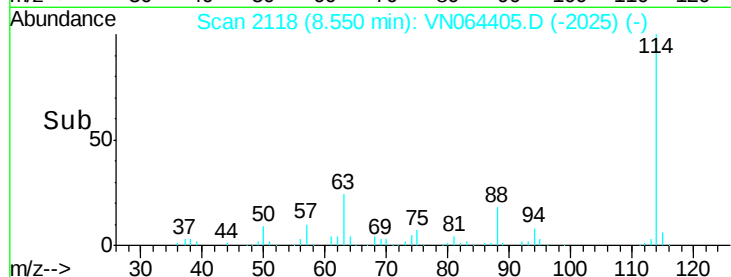
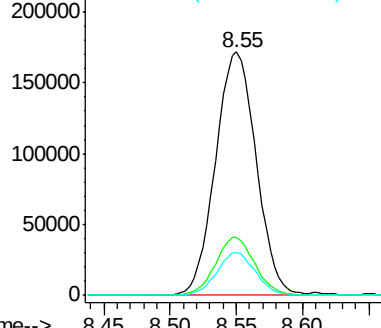
Tot Ion:	114	Resp:	367047
Ion Ratio	Lower	Upper	
114	100		
63	23.7	0.0	44.6
88	17.8	0.0	33.4

Manual Integrations
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Abundance Ion 113.90 (113.60 to 114.60): V



#35

Dibromofluoromethane

Concen: 50.093 ug/l

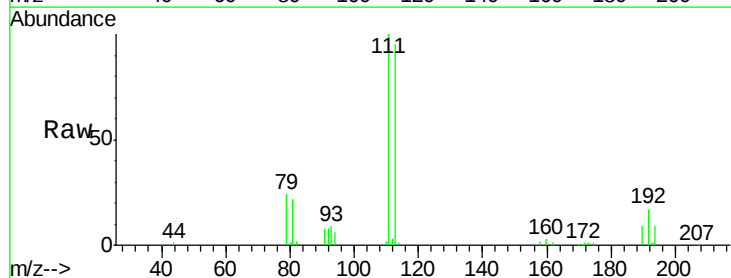
RT: 7.55 min Scan# 1806

Delta R.T. 0.00 min

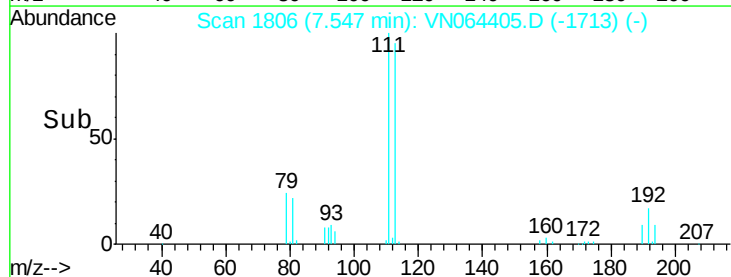
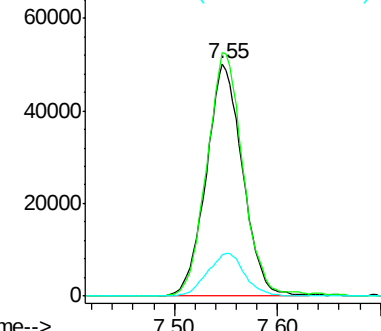
Lab File: VN064405.D

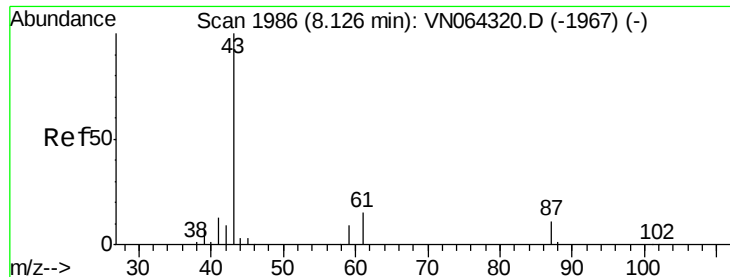
Acq: 30 Oct 2020 17:16

Tgt Ion:	113	Resp:	122614
Ion Ratio	Lower	Upper	
113	100		
111	103.4	81.5	122.3
192	18.8	15.0	22.4



Abundance Ion 112.80 (112.50 to 113.50): V





#43

Isopropyl Acetate

Concen: 12.134 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN064405.D

Acq: 30 Oct 2020 17:16

Instrument :

MSVOA_N

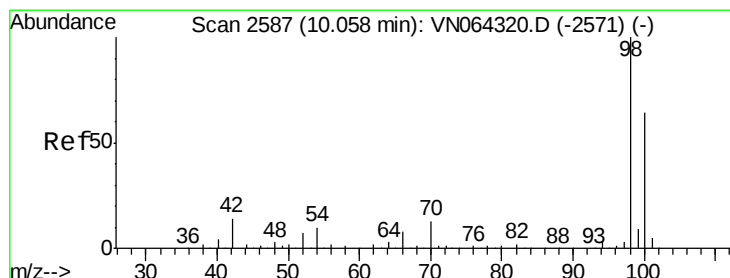
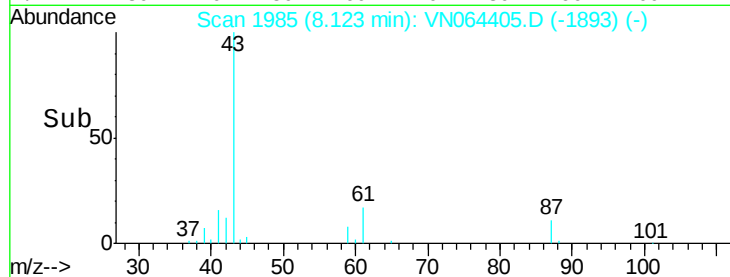
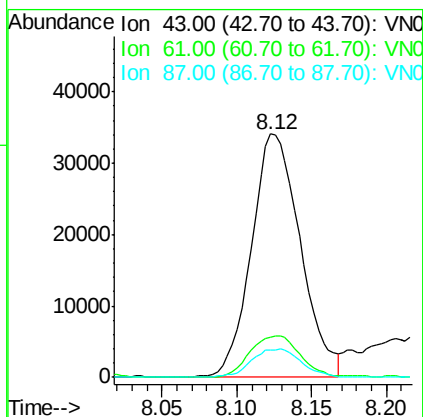
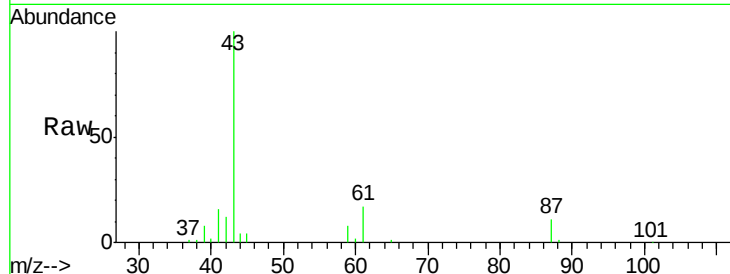
ClientSampleId :

PB132725ZHE#09

Tot Ion:	43	Resp:	77613
Ion Ratio	Lower	Upper	
43	100		
61	17.5	19.1	28.7#
87	11.8	9.3	13.9

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#50

Toluene-d8

Concen: 51.701 ug/l

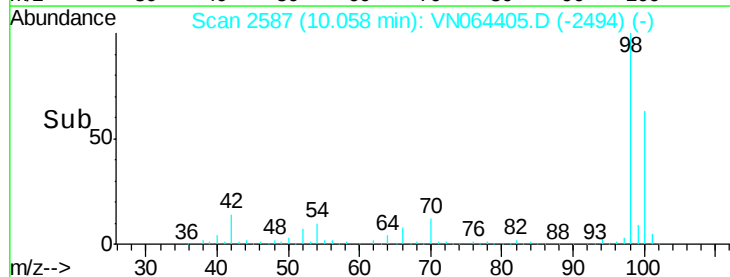
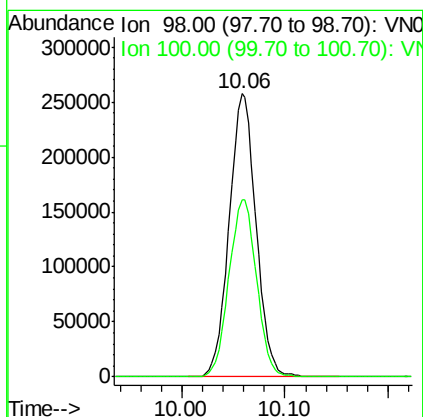
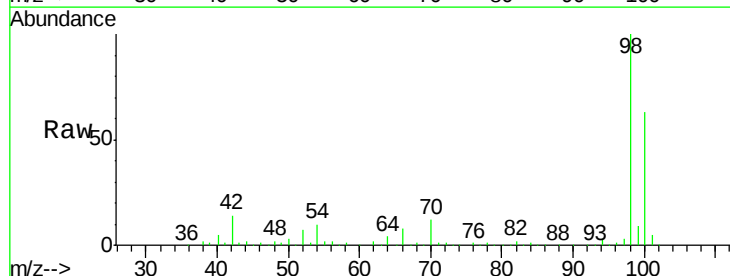
RT: 10.06 min Scan# 2587

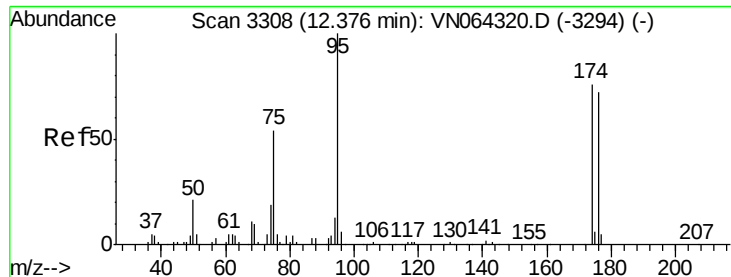
Delta R.T. 0.00 min

Lab File: VN064405.D

Acq: 30 Oct 2020 17:16

Tgt Ion:	98	Resp:	468096
Ion Ratio	Lower	Upper	
98	100		
100	64.4	50.9	76.3





#62

4-Bromofluorobenzene

Concen: 55.247 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064405.D

Acq: 30 Oct 2020 17:16

Instrument :

MSVOA_N

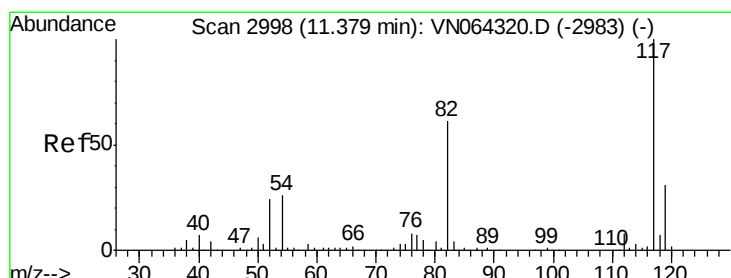
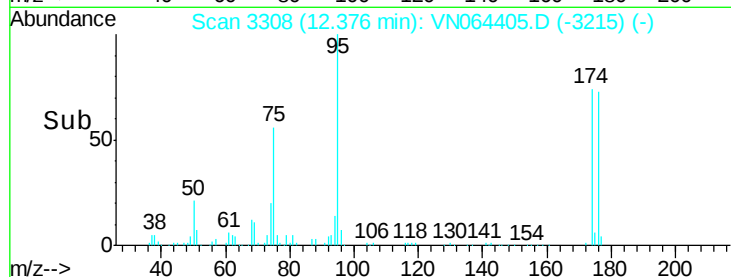
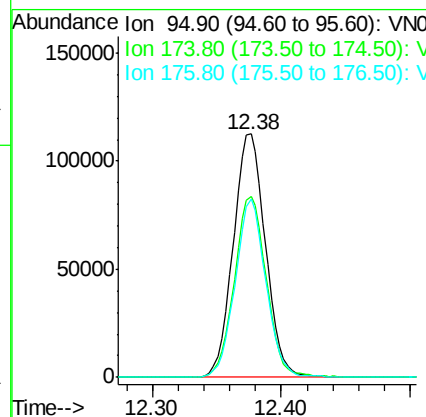
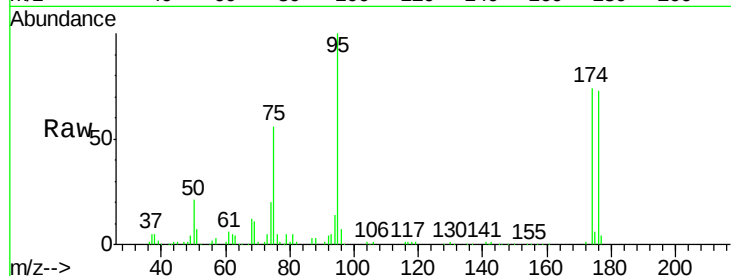
ClientSampleId :

PB132725ZHE#09

Tot Ion:	95	Resp:	195024
Ion Ratio	Lower	Upper	
95	100		
174	74.0	0.0	147.4
176	70.0	0.0	143.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

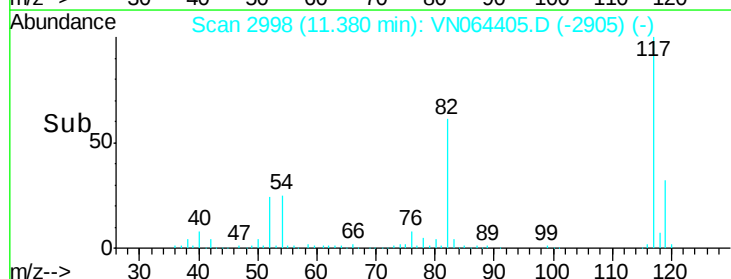
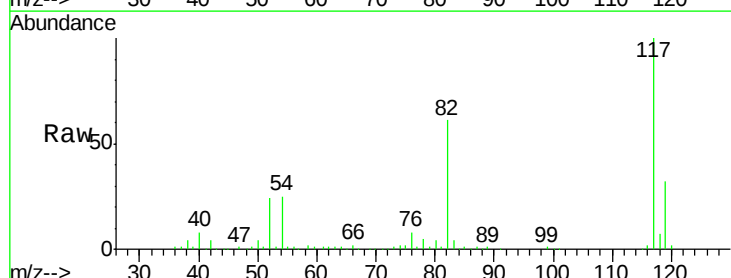
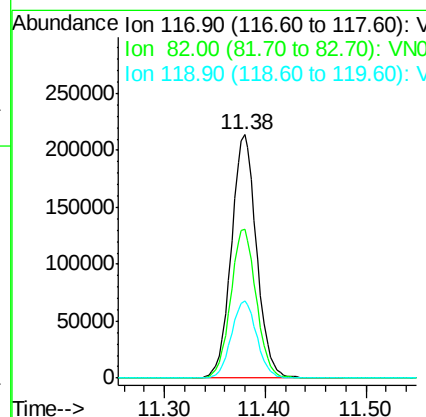
RT: 11.38 min Scan# 2998

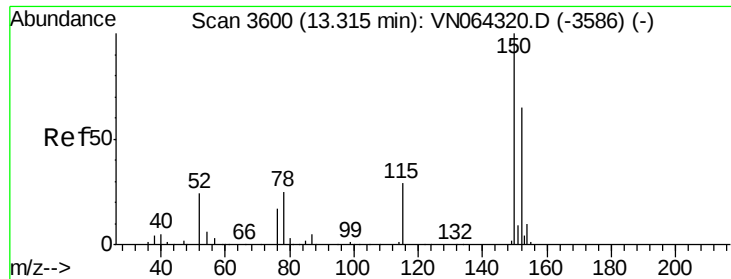
Delta R.T. 0.00 min

Lab File: VN064405.D

Acq: 30 Oct 2020 17:16

Tgt Ion:	117	Resp:	372583
Ion Ratio	Lower	Upper	
117	100		
82	60.9	48.8	73.2
119	31.6	25.1	37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064405.D

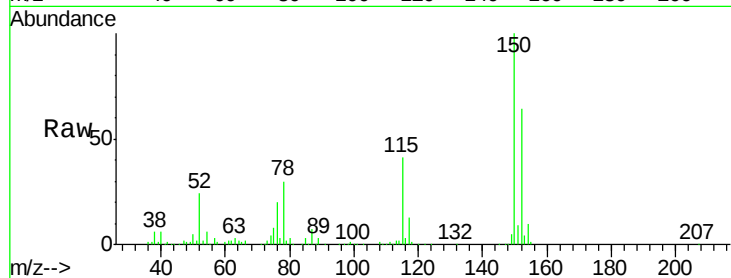
Acq: 30 Oct 2020 17:16

Instrument :

MSVOA_N

ClientSampleId :

PB132725ZHE#09



Tot Ion:152 Resp: 150219

Ion Ratio Lower Upper

152 100

115 66.0 31.5 94.5

150 156.3 0.0 346.2

Manual Integrations

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