

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020223\
 Data File : VN076509.D
 Acq On : 02 Feb 2023 14:51
 Operator : JC\MD
 Sample : 01386-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JPP-9-013123

Quant Time: Feb 03 01:00:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

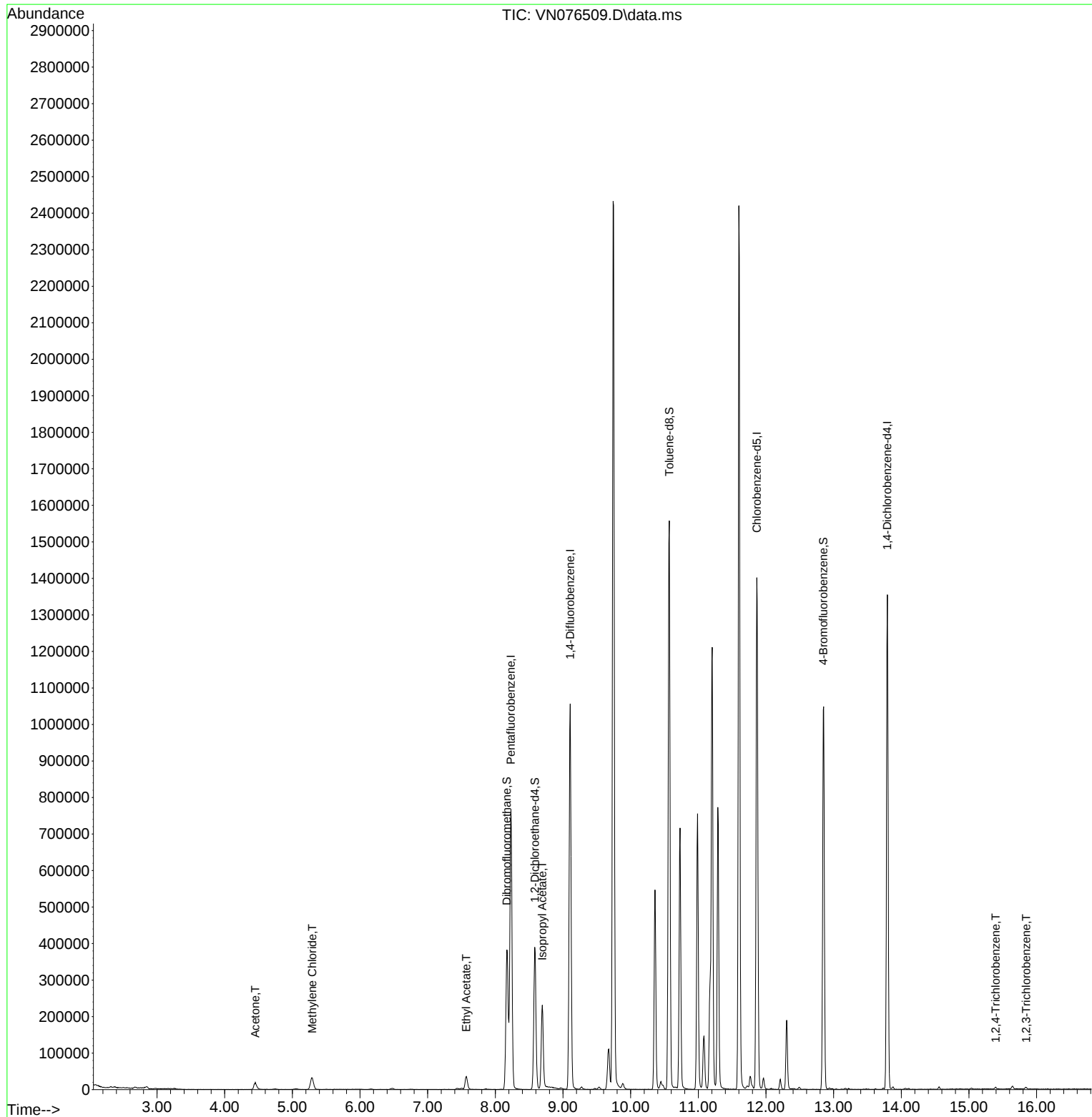
Internal Standards						
1) Pentafluorobenzene	8.230	168	572057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	938433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	868701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	387059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	331638	51.776	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.560%	
35) Dibromofluoromethane	8.171	113	281180	47.899	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.800%	
50) Toluene-d8	10.571	98	1109051	51.156	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.320%	
62) 4-Bromofluorobenzene	12.847	95	375422	53.045	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.100%	
Target Compounds						
					Qvalue	
16) Acetone	4.454	43	35583	17.261	ug/l	99
20) Methylene Chloride	5.295	84	27712	4.007	ug/l	98
37) Ethyl Acetate	7.571	43	51720	7.761	ug/l	96
43) Isopropyl Acetate	8.694	43	251240	23.083	ug/l #	90
93) 1,2,4-Trichlorobenzene	15.394	180	1793	1.562	ug/l	85
96) 1,2,3-Trichlorobenzene	15.847	180	2089	1.469	ug/l	93

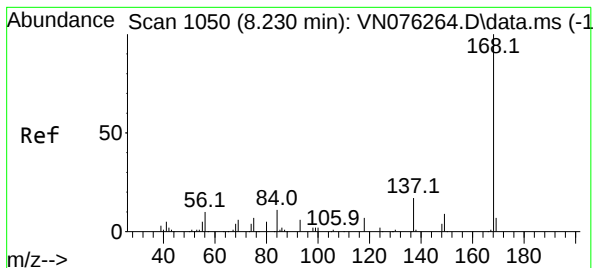
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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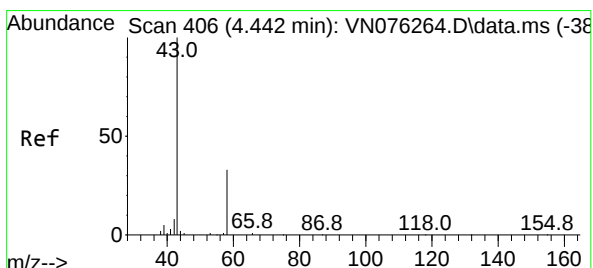
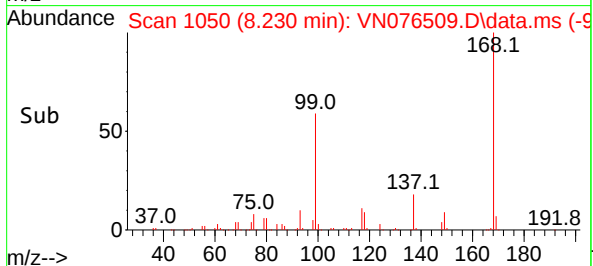
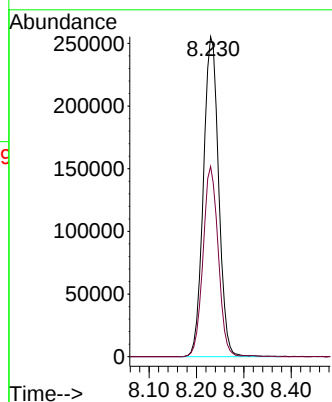
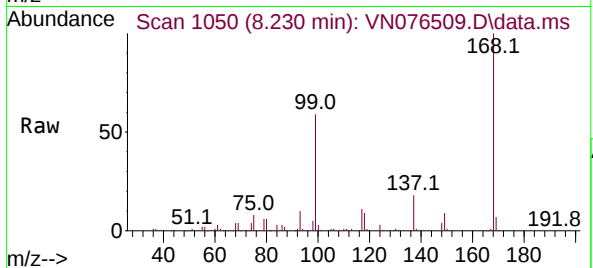




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076509.D
Acq: 02 Feb 2023 14:51

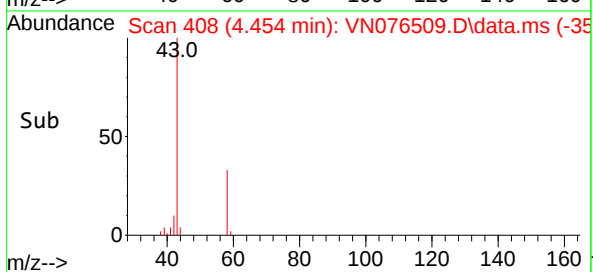
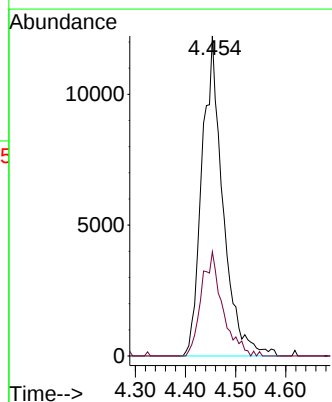
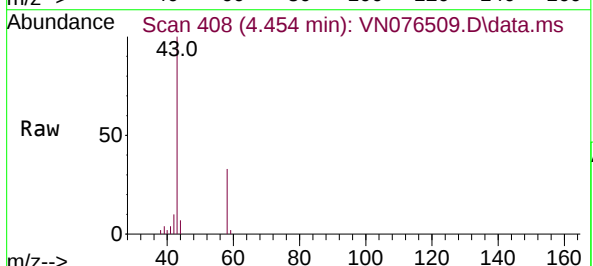
Instrument :
MSVOA_N
ClientSampleId :
JPP-9-013123

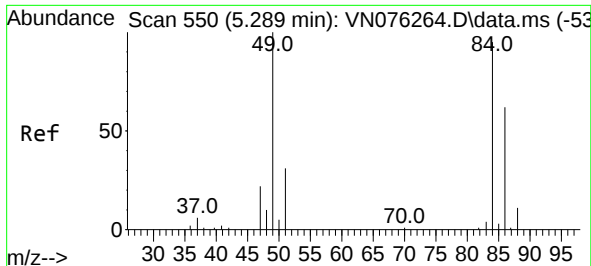
Tgt Ion:168 Resp: 572057
Ion Ratio Lower Upper
168 100
99 59.5 41.6 62.4



#16
Acetone
Concen: 17.261 ug/l
RT: 4.454 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN076509.D
Acq: 02 Feb 2023 14:51

Tgt Ion: 43 Resp: 35583
Ion Ratio Lower Upper
43 100
58 32.6 26.7 40.1

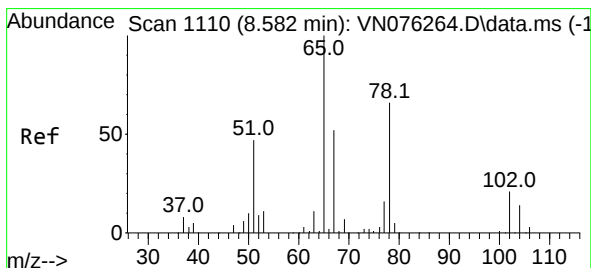
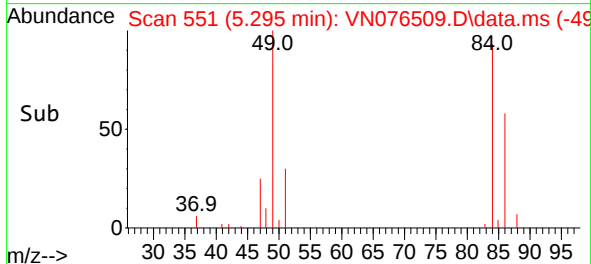
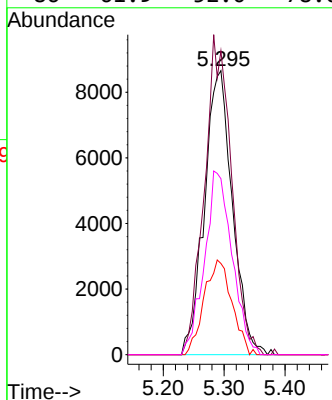
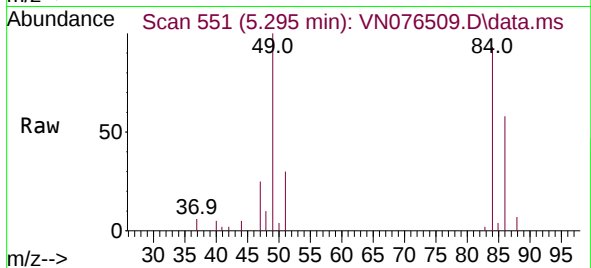




#20
Methylene Chloride
Concen: 4.007 ug/l
RT: 5.295 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN076509.D
Acq: 02 Feb 2023 14:51

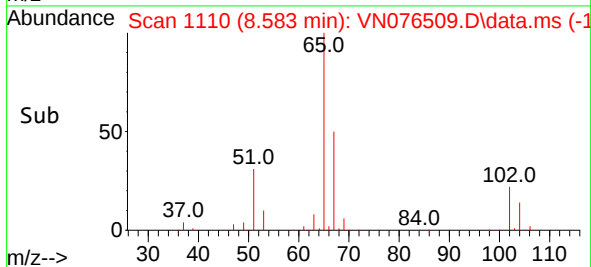
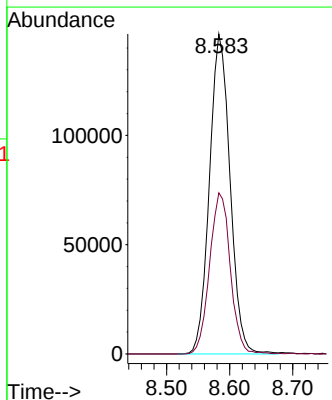
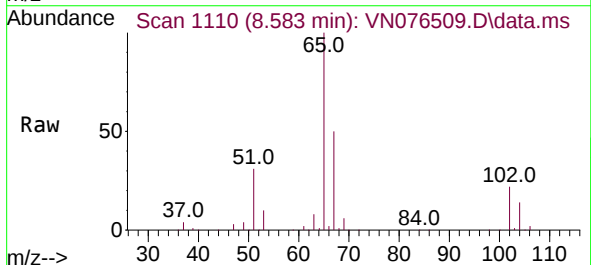
Instrument :
MSVOA_N
ClientSampleId :
JPP-9-013123

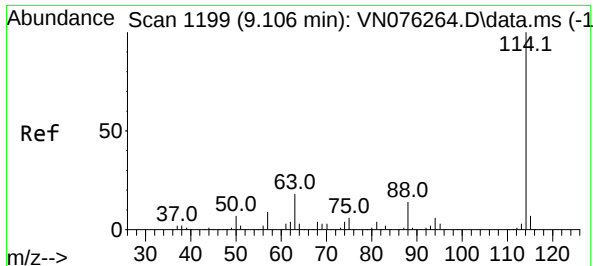
Tgt Ion: 84	Resp: 27712
Ion Ratio	Lower Upper
84 100	
49 107.0	84.5 126.7
51 32.1	26.0 39.0
86 61.9	52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 51.776 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076509.D
Acq: 02 Feb 2023 14:51

Tgt Ion: 65	Resp: 331638
Ion Ratio	Lower Upper
65 100	
67 50.6	0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076509.D

Acq: 02 Feb 2023 14:51

Instrument :

MSVOA_N

ClientSampleId :

JPP-9-013123

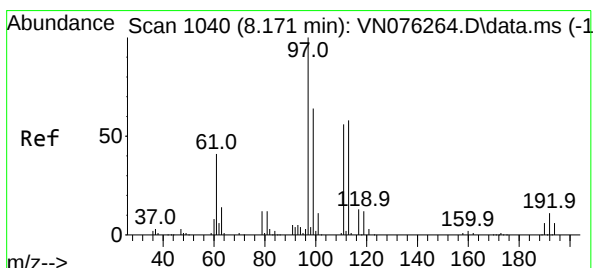
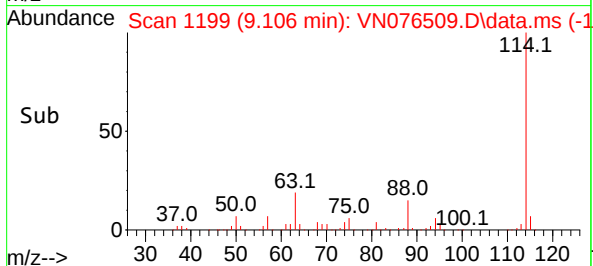
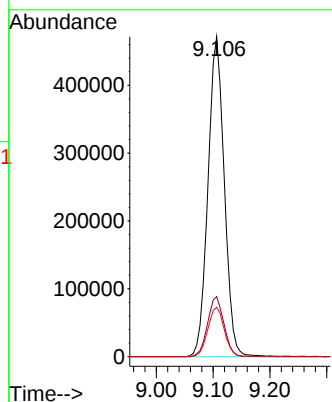
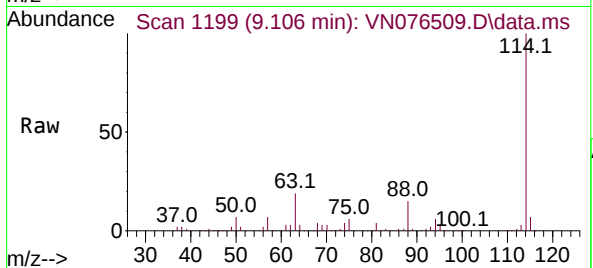
Tgt Ion:114 Resp: 938433

Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.8

88 15.4 0.0 28.0



#35

Dibromofluoromethane

Concen: 47.899 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076509.D

Acq: 02 Feb 2023 14:51

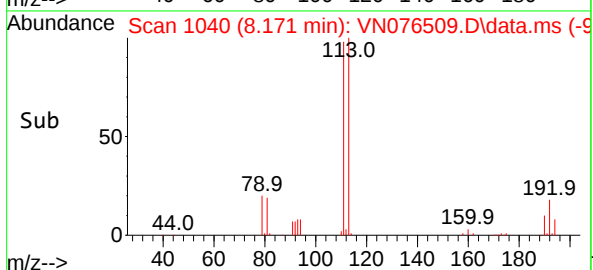
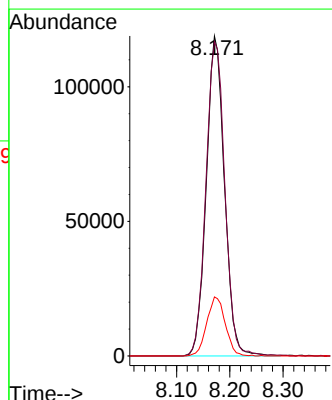
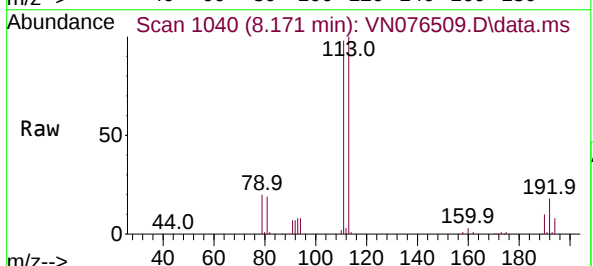
Tgt Ion:113 Resp: 281180

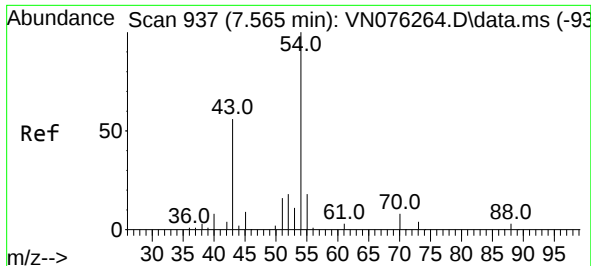
Ion Ratio Lower Upper

113 100

111 102.1 82.7 124.1

192 18.9 15.6 23.4





#37

Ethyl Acetate

Concen: 7.761 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076509.D

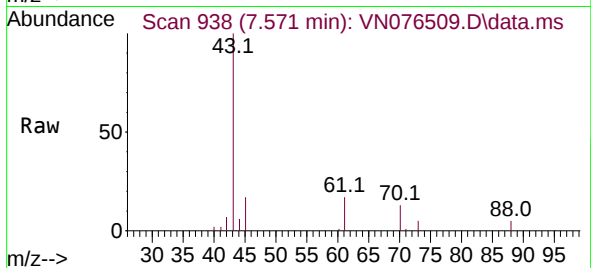
Acq: 02 Feb 2023 14:51

Instrument :

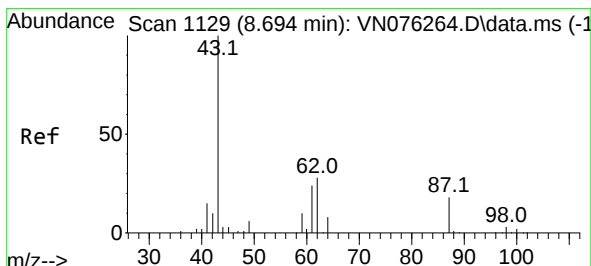
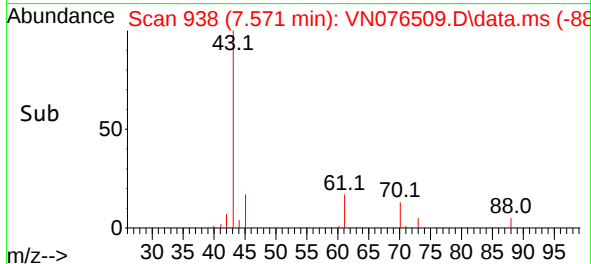
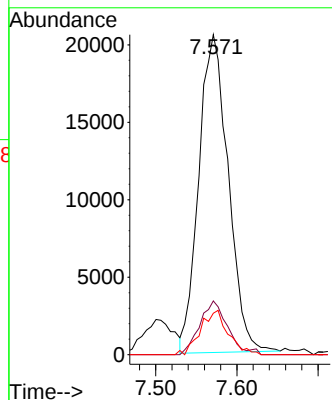
MSVOA_N

ClientSampleId :

JPP-9-013123



Tgt Ion:	43	Resp:	51720
Ion	Ratio	Lower	Upper
43	100		
61	16.1	11.1	16.7
70	13.1	10.0	15.0



#43

Isopropyl Acetate

Concen: 23.083 ug/l

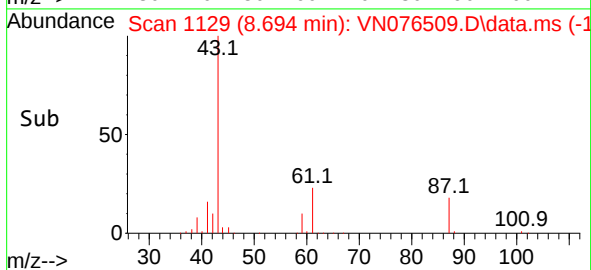
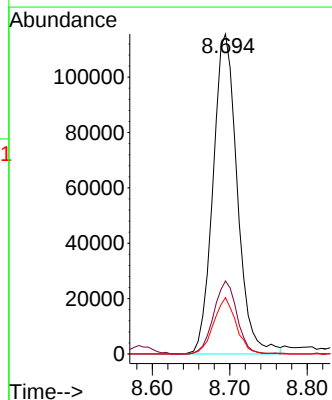
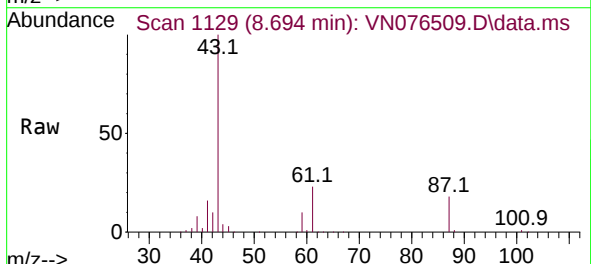
RT: 8.694 min Scan# 1129

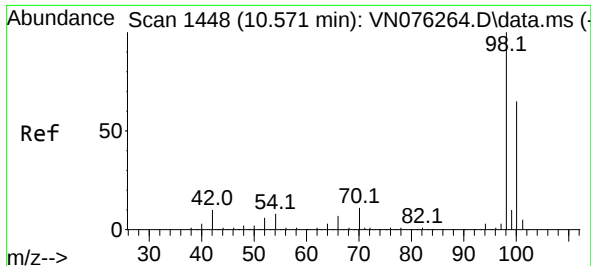
Delta R.T. 0.000 min

Lab File: VN076509.D

Acq: 02 Feb 2023 14:51

Tgt Ion:	43	Resp:	251240
Ion	Ratio	Lower	Upper
43	100		
61	21.8	23.5	35.3#
87	16.4	13.8	20.6

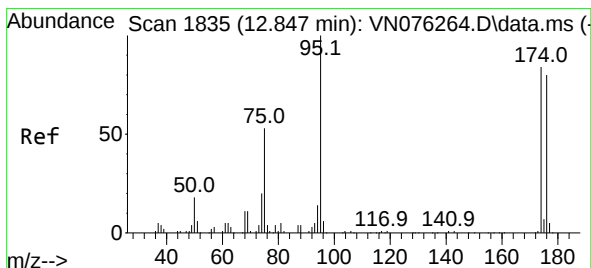
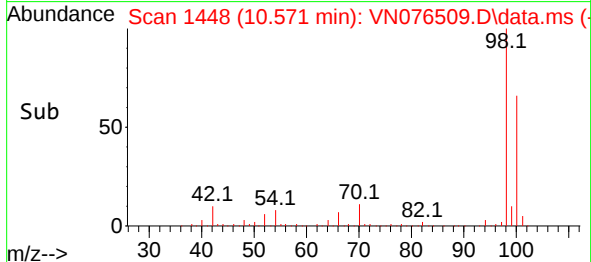
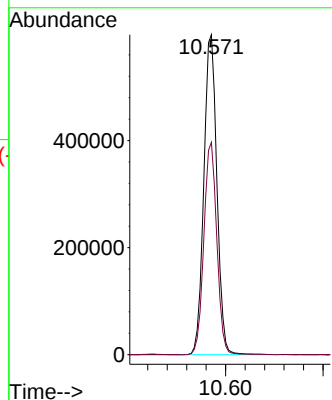
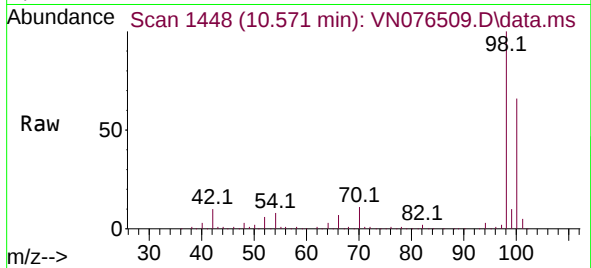




#50
Toluene-d8
Concen: 51.156 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076509.D
Acq: 02 Feb 2023 14:51

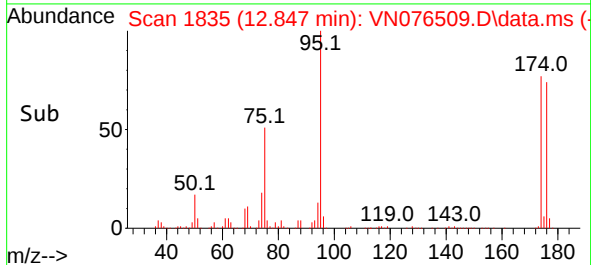
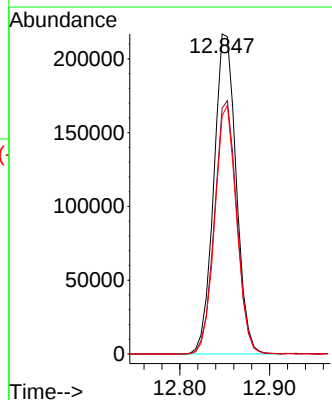
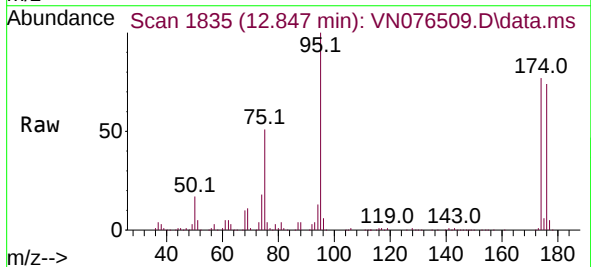
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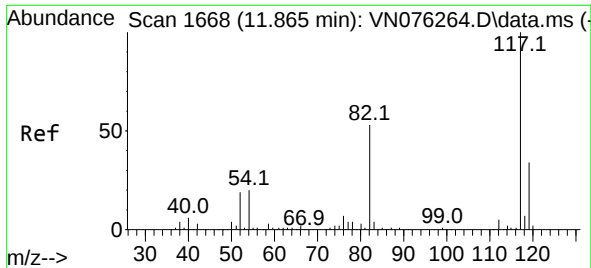
Tgt Ion: 98 Resp: 1109051
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 53.045 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN076509.D
Acq: 02 Feb 2023 14:51

Tgt Ion: 95 Resp: 375422
Ion Ratio Lower Upper
95 100
174 78.6 0.0 174.6
176 75.8 0.0 167.8

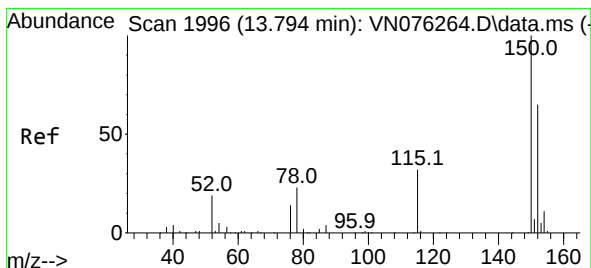
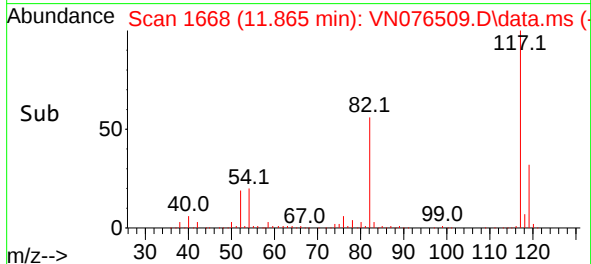
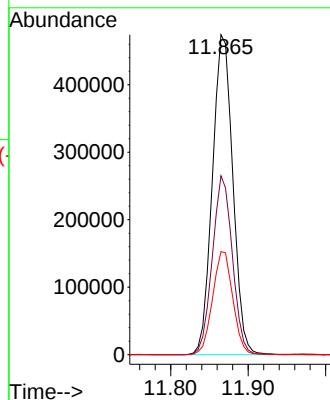
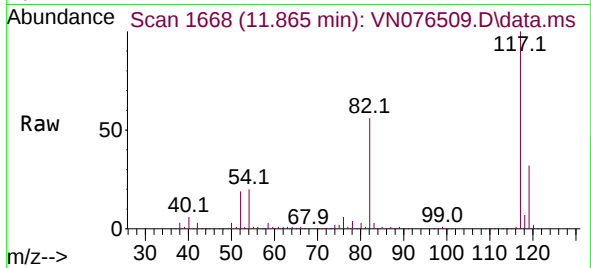




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076509.D
Acq: 02 Feb 2023 14:51

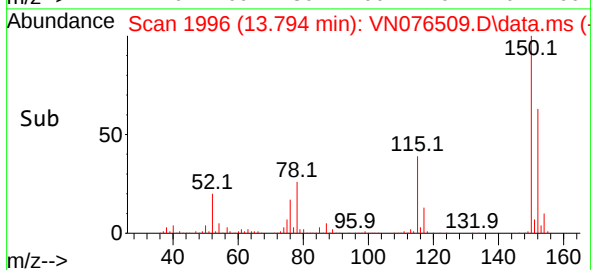
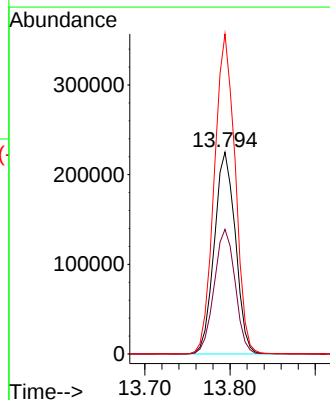
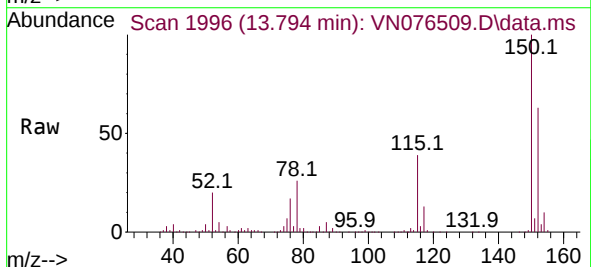
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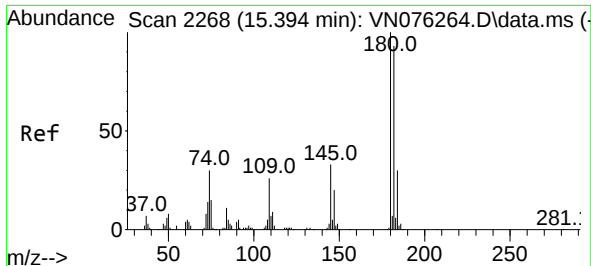
Tgt Ion:117 Resp: 868701
Ion Ratio Lower Upper
117 100
82 55.9 42.2 63.2
119 32.2 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076509.D
Acq: 02 Feb 2023 14:51

Tgt Ion:152 Resp: 387059
Ion Ratio Lower Upper
152 100
115 61.5 29.6 88.9
150 157.1 0.0 351.4

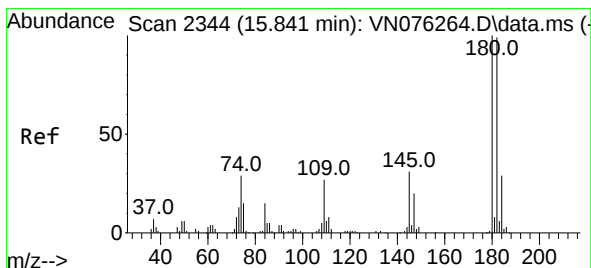
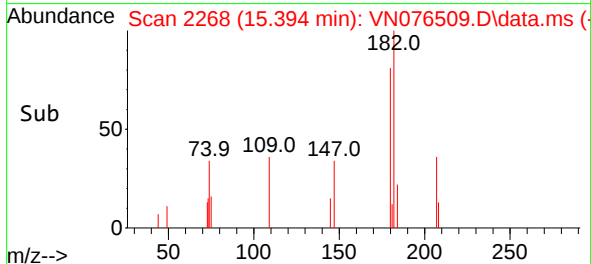
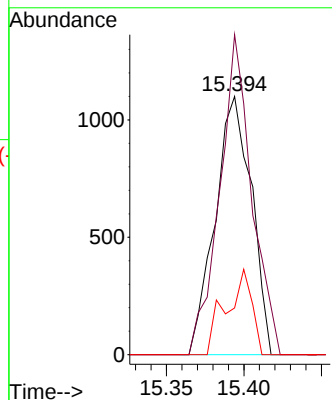
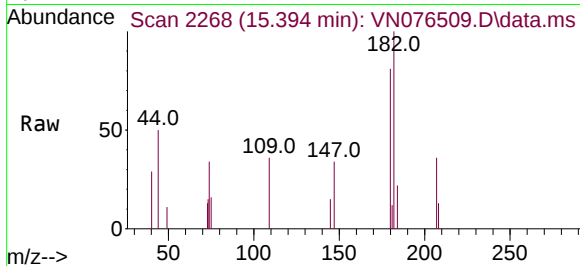




#93
 1,2,4-Trichlorobenzene
 Concen: 1.562 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN076509.D
 Acq: 02 Feb 2023 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 JPP-9-013123

Tgt Ion:180 Resp: 1793
 Ion Ratio Lower Upper
 180 100
 182 109.2 47.0 141.2
 145 23.3 15.2 45.5



#96
 1,2,3-Trichlorobenzene
 Concen: 1.469 ug/l
 RT: 15.847 min Scan# 2345
 Delta R.T. 0.006 min
 Lab File: VN076509.D
 Acq: 02 Feb 2023 14:51

Tgt Ion:180 Resp: 2089
 Ion Ratio Lower Upper
 180 100
 182 98.0 47.5 142.5
 145 22.4 15.9 47.6

