

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010623\
 Data File : VN076132.D
 Acq On : 06 Jan 2023 14:36
 Operator : JC\MD
 Sample : 01029-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-204

Quant Time: Jan 06 22:55:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

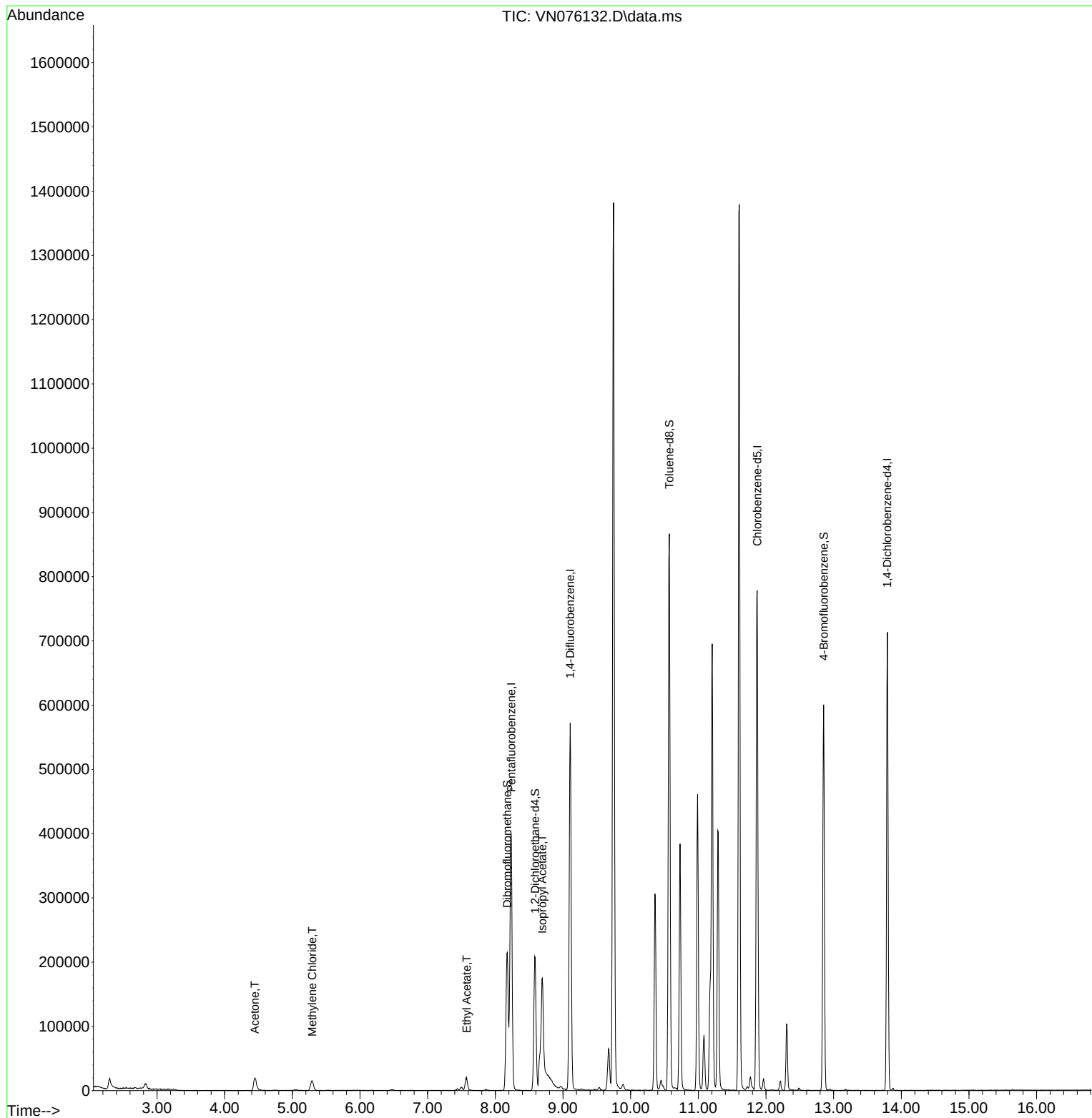
Internal Standards						
1) Pentafluorobenzene	8.235	168	317339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	520876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	475877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	193356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	172480	49.960	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.920%		
35) Dibromofluoromethane	8.177	113	155600	48.237	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.480%		
50) Toluene-d8	10.571	98	612100	50.752	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.500%		
62) 4-Bromofluorobenzene	12.853	95	192869	48.283	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.560%		
Target Compounds					Qvalue	
16) Acetone	4.447	43	38516	32.364	ug/l	98
20) Methylene Chloride	5.294	84	12638	3.373	ug/l	84
37) Ethyl Acetate	7.577	43	28905	8.398	ug/l	99
43) Isopropyl Acetate	8.694	43	242608	42.730	ug/l #	74

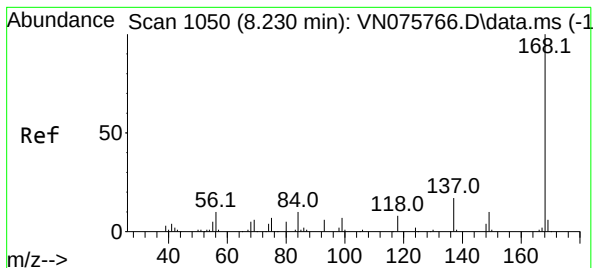
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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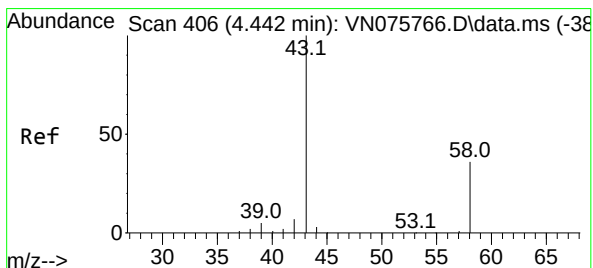
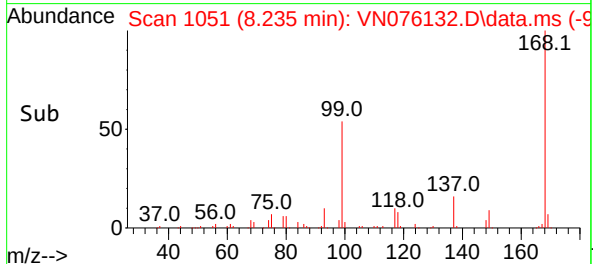
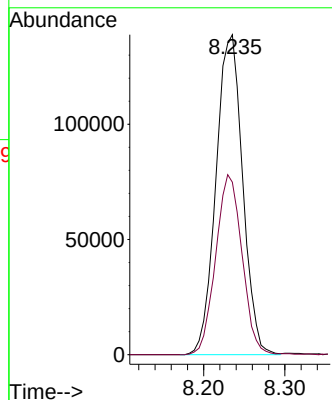
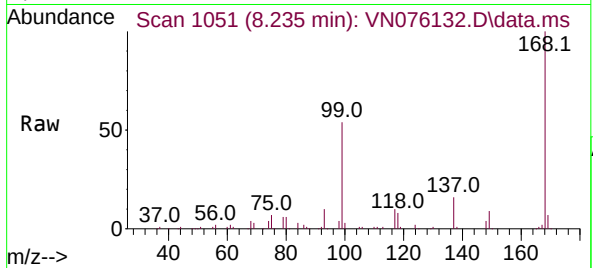




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076132.D
Acq: 06 Jan 2023 14:36

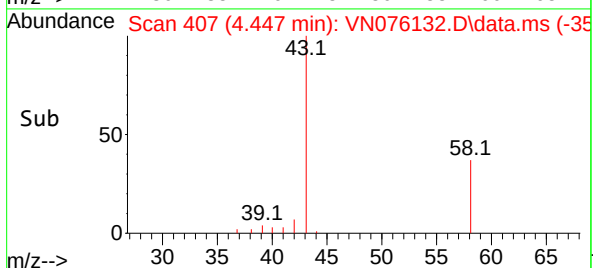
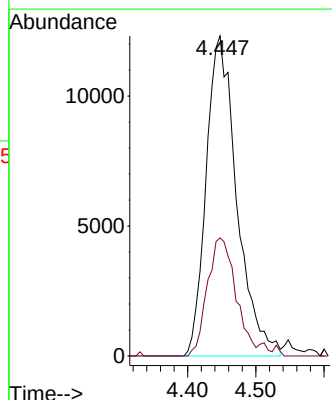
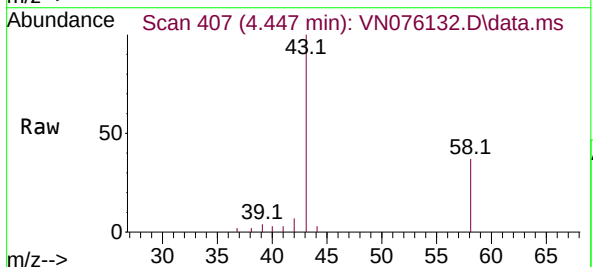
Instrument :
MSVOA_N
ClientSampleId :
TP-204

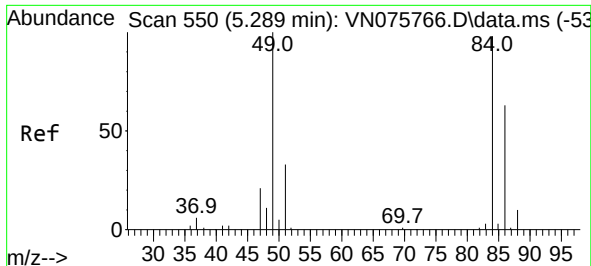
Tgt Ion:168 Resp: 317339
Ion Ratio Lower Upper
168 100
99 53.9 44.2 66.4



#16
Acetone
Concen: 32.364 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076132.D
Acq: 06 Jan 2023 14:36

Tgt Ion: 43 Resp: 38516
Ion Ratio Lower Upper
43 100
58 36.9 28.6 43.0



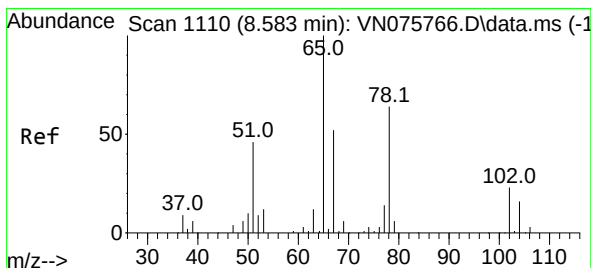
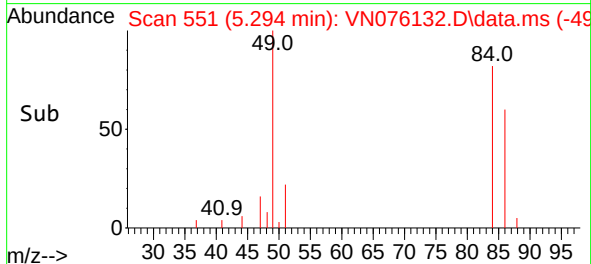
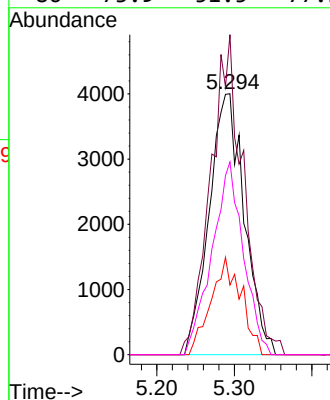
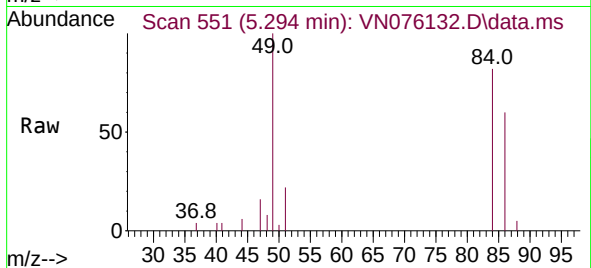


#20
Methylene Chloride
Concen: 3.373 ug/l
RT: 5.294 min Scan# 511
Delta R.T. 0.005 min
Lab File: VN076132.D
Acq: 06 Jan 2023 14:36

Instrument :
MSVOA_N
ClientSampleId :
TP-204

Tgt Ion: 84 Resp: 12638

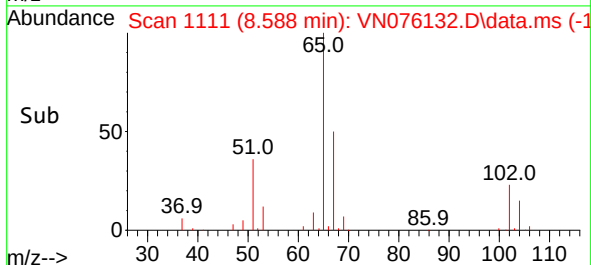
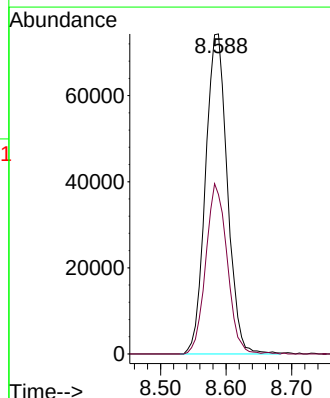
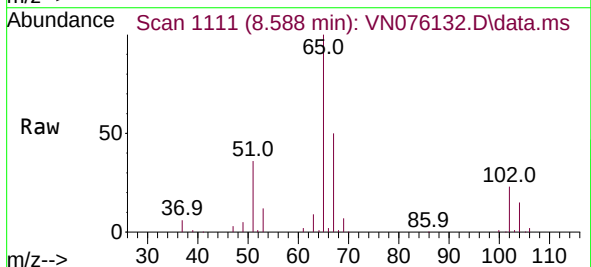
Ion	Ratio	Lower	Upper
84	100		
49	122.6	81.8	122.6
51	26.7	26.7	40.1
86	73.9	51.5	77.3

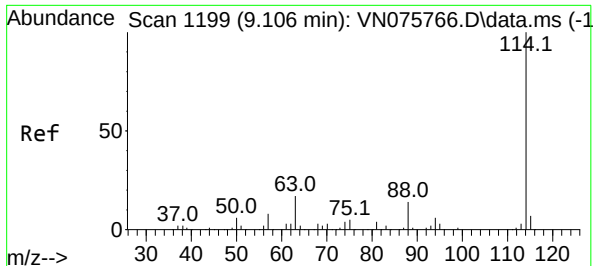


#33
1,2-Dichloroethane-d4
Concen: 49.960 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076132.D
Acq: 06 Jan 2023 14:36

Tgt Ion: 65 Resp: 172480

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076132.D

Acq: 06 Jan 2023 14:36

Instrument :

MSVOA_N

ClientSampleId :

TP-204

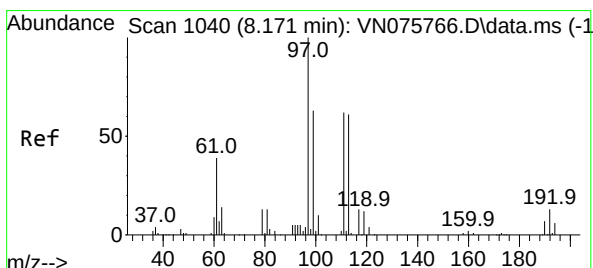
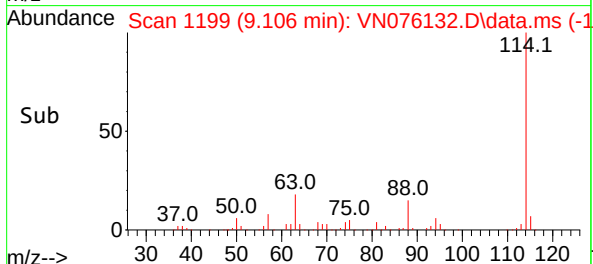
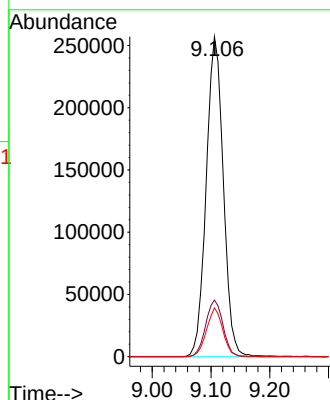
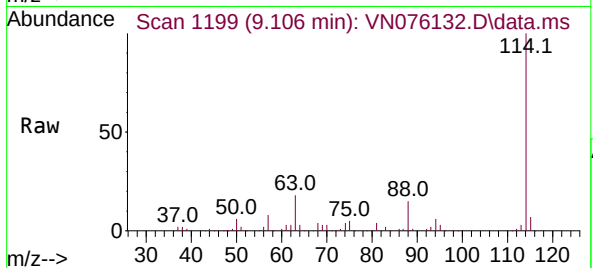
Tgt Ion:114 Resp: 520876

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.4

88 15.2 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.237 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076132.D

Acq: 06 Jan 2023 14:36

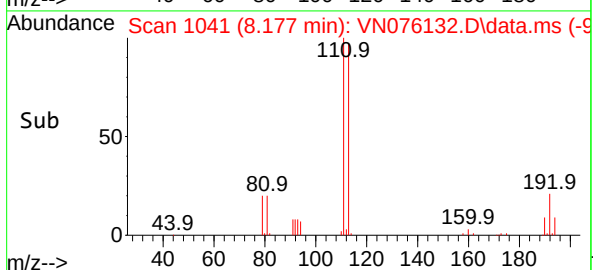
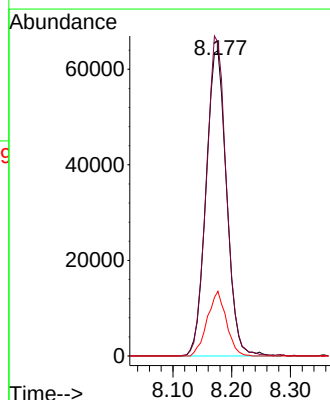
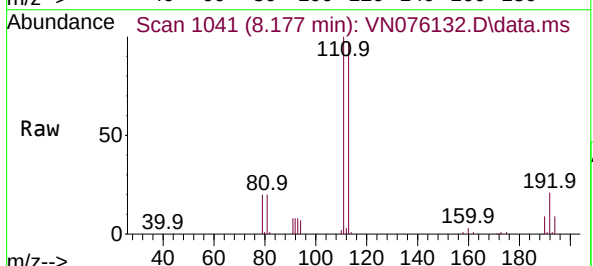
Tgt Ion:113 Resp: 155600

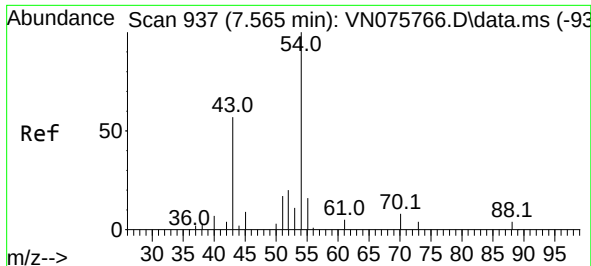
Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

192 19.7 16.1 24.1

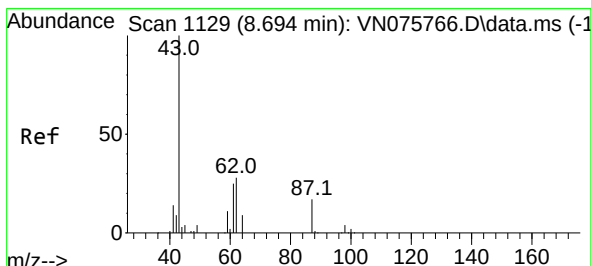
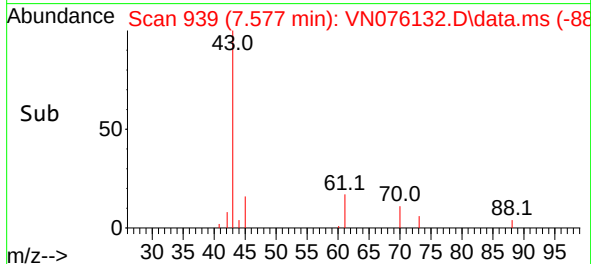
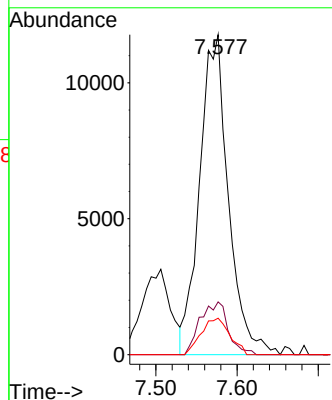
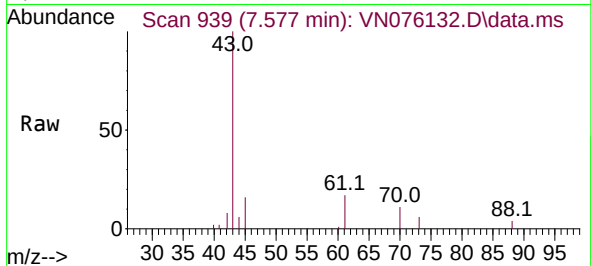




#37
Ethyl Acetate
Concen: 8.398 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN076132.D
Acq: 06 Jan 2023 14:36

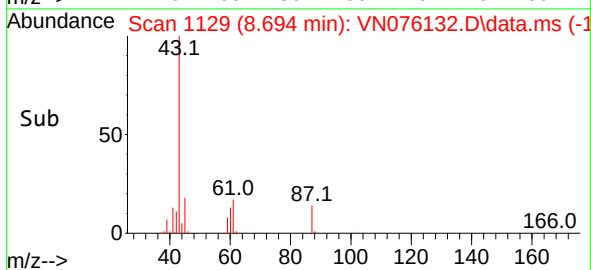
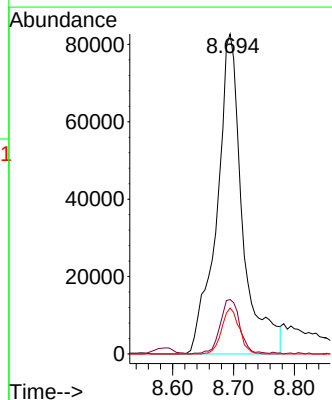
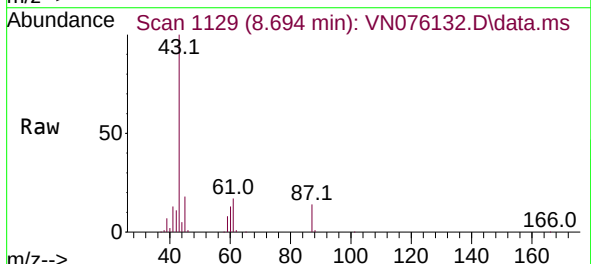
Instrument :
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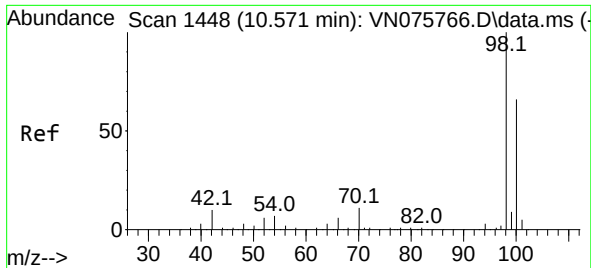
Tgt Ion:	43	Resp:	28905
Ion	Ratio	Lower	Upper
43	100		
61	16.1	13.0	19.4
70	11.4	9.4	14.0



#43
Isopropyl Acetate
Concen: 42.730 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076132.D
Acq: 06 Jan 2023 14:36

Tgt Ion:	43	Resp:	242608
Ion	Ratio	Lower	Upper
43	100		
61	13.1	24.2	36.4#
87	9.8	13.3	19.9#

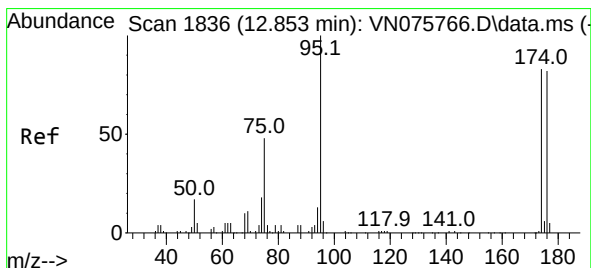
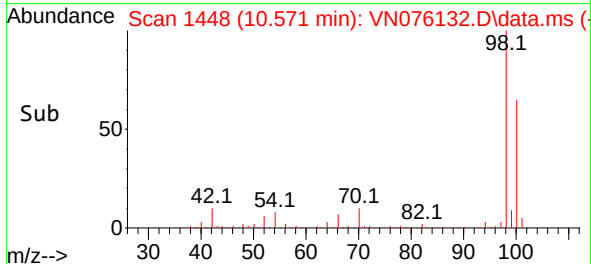
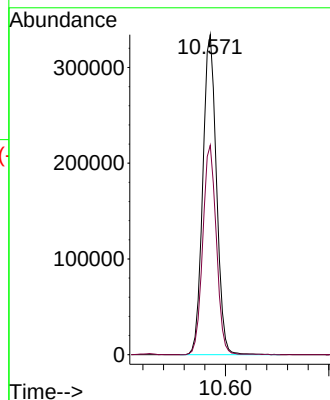
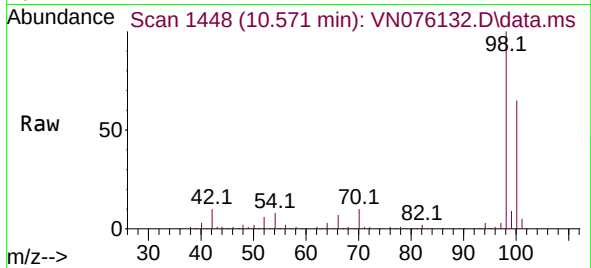




#50
Toluene-d8
Concen: 50.752 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076132.D
Acq: 06 Jan 2023 14:36

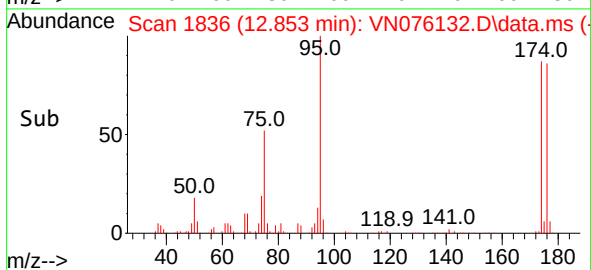
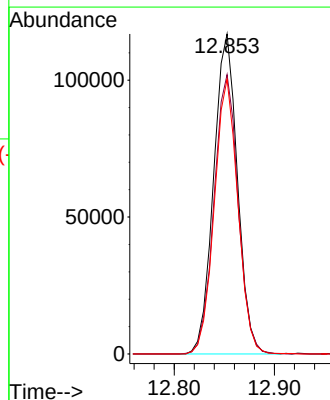
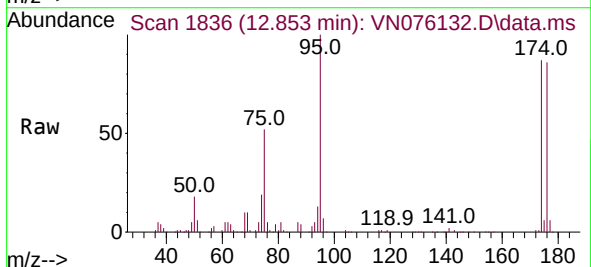
Instrument :
MSVOA_N
ClientSampleId :
TP-204

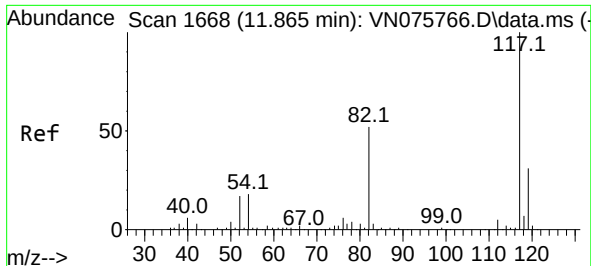
Tgt Ion: 98 Resp: 612100
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.283 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076132.D
Acq: 06 Jan 2023 14:36

Tgt Ion: 95 Resp: 192869
Ion Ratio Lower Upper
95 100
174 88.1 0.0 171.6
176 84.8 0.0 169.2

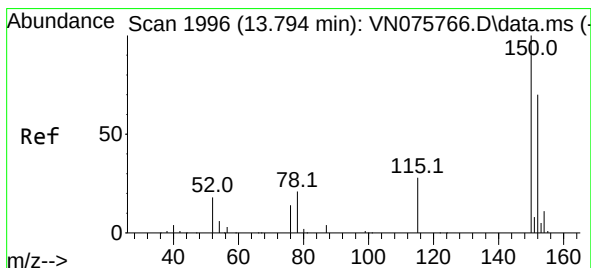
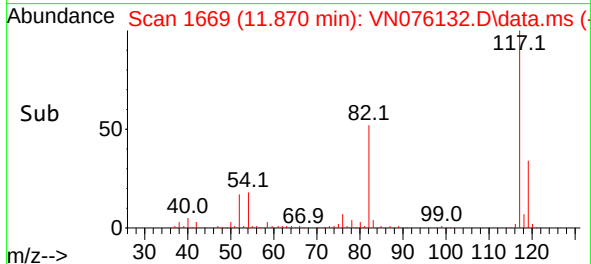
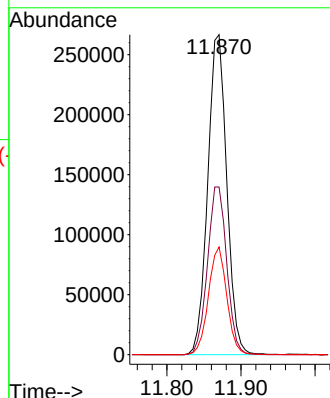
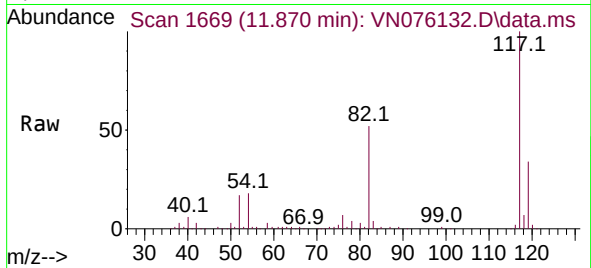




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076132.D
Acq: 06 Jan 2023 14:36

Instrument :
MSVOA_N
ClientSampleId :
TP-204

Tgt Ion:117 Resp: 475877
Ion Ratio Lower Upper
117 100
82 52.4 41.3 61.9
119 33.6 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076132.D
Acq: 06 Jan 2023 14:36

Tgt Ion:152 Resp: 193356
Ion Ratio Lower Upper
152 100
115 58.9 29.1 87.4
150 158.9 0.0 347.0

