

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075431.D
 Acq On : 25 Nov 2022 19:18
 Operator : JC\MD
 Sample : N5756-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-MW01D3-20221120

Quant Time: Nov 28 03:38:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

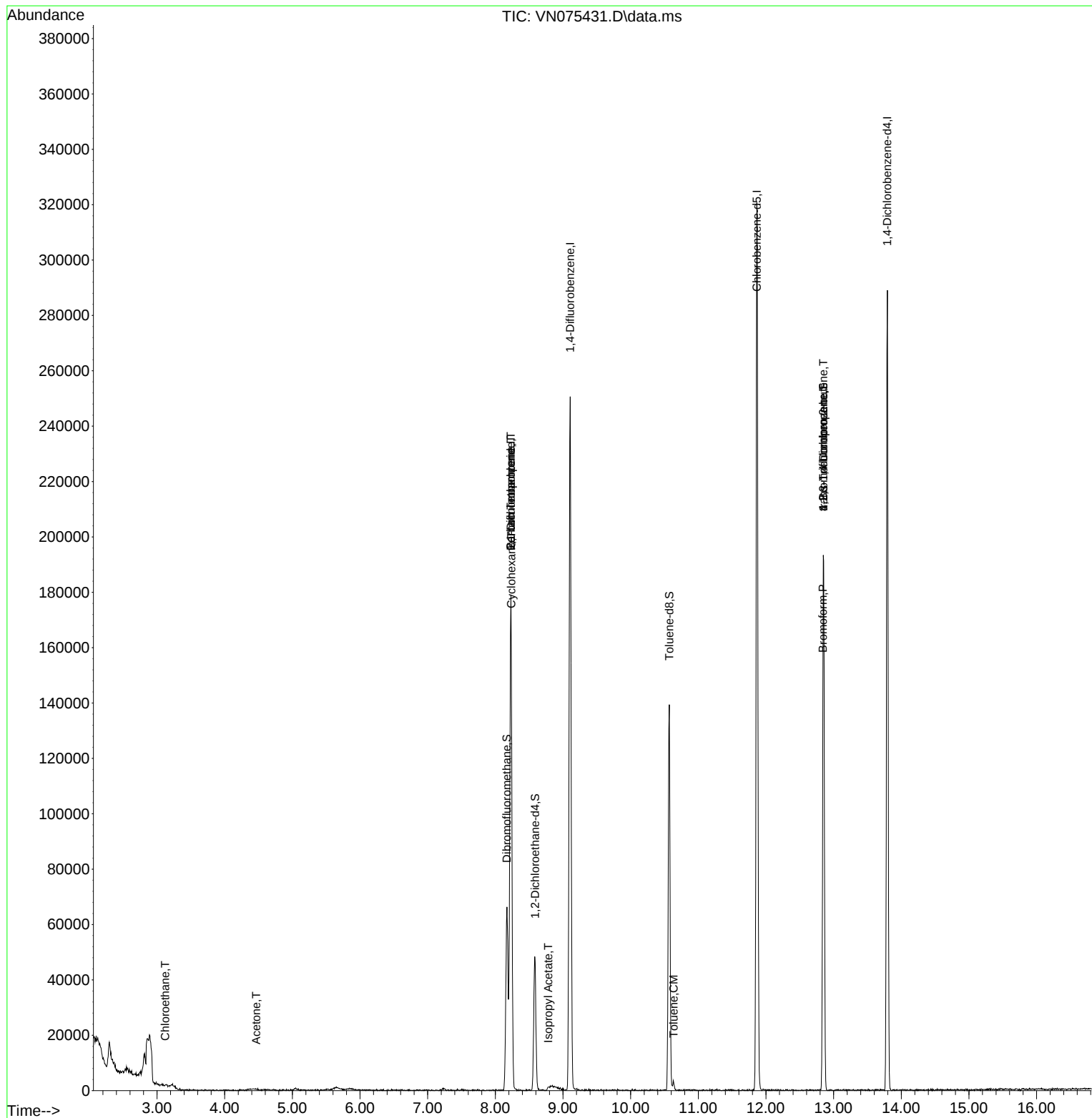
Internal Standards						
1) Pentafluorobenzene	8.230	168	136714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	234468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	201139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	39814	54.253	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.500%			
35) Dibromofluoromethane	8.171	113	46609	50.603	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.200%			
50) Toluene-d8	10.571	98	101221	48.793	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.580%			
62) 4-Bromofluorobenzene	12.847	95	69942	45.678	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.360%			
Target Compounds						
					Qvalue	
6) Chloroethane	3.118	64	906	0.729	ug/l #	45
16) Acetone	4.465	43	223	0.326	ug/l #	43
18) Methyl Acetate	5.042	43	1553	Below Cal	#	64
20) Methylene Chloride	5.295	84	53	Below Cal	#	7
31) Cyclohexane	8.236	56	2674	1.147	ug/l #	20
36) 1,1-Dichloropropene	8.230	75	9302	4.631	ug/l #	50
38) Carbon Tetrachloride	8.230	117	13890	6.295	ug/l #	15
43) Isopropyl Acetate	8.783	43	677	0.233	ug/l #	53
52) Toluene	10.635	92	1833	0.463	ug/l	92
71) Bromoform	12.841	173	435	0.369	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	35707	23.090	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	35707	68.319	ug/l #	10

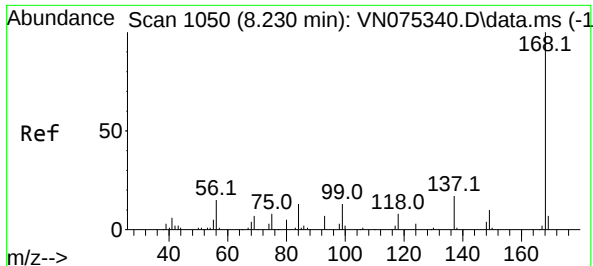
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN075431.D
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D3-20221120

Quant Time: Nov 28 03:38:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
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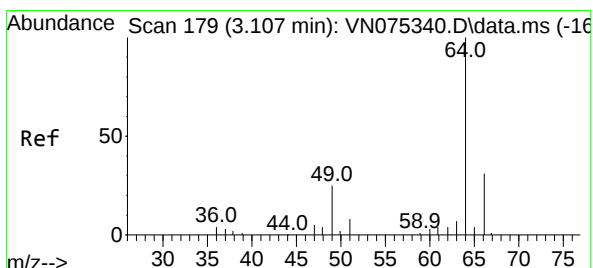
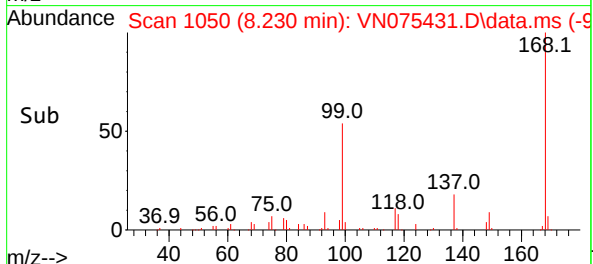
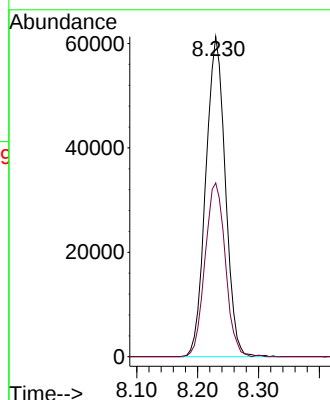
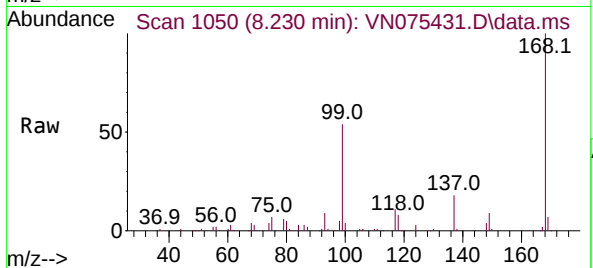




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075431.D
Acq: 25 Nov 2022 19:18

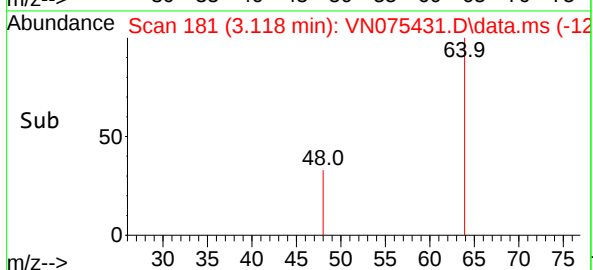
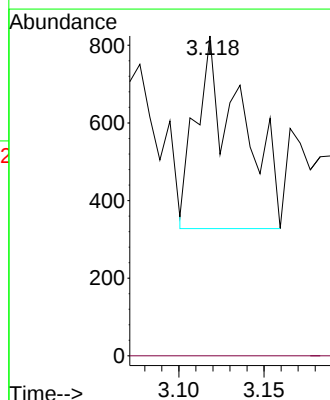
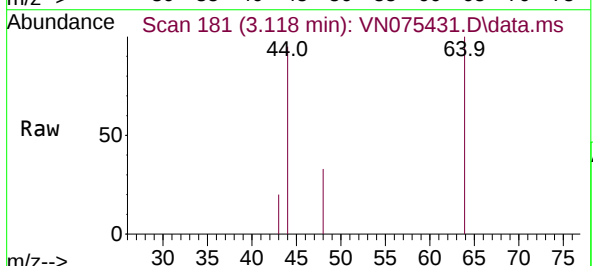
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D3-20221120

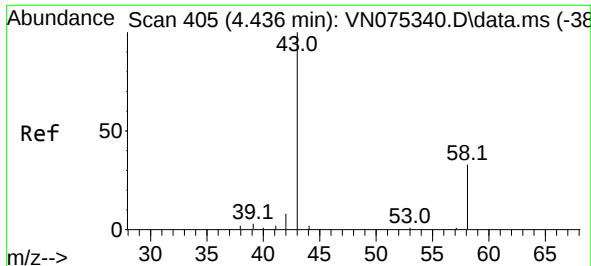
Tgt Ion:168 Resp: 136714
Ion Ratio Lower Upper
168 100
99 54.3 51.6 77.4



#6
Chloroethane
Concen: 0.729 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.011 min
Lab File: VN075431.D
Acq: 25 Nov 2022 19:18

Tgt Ion: 64 Resp: 906
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#





#16

Acetone

Concen: 0.326 ug/l

RT: 4.465 min Scan# 410

Delta R.T. 0.029 min

Lab File: VN075431.D

Acq: 25 Nov 2022 19:18

Instrument :

MSVOA_N

ClientSampleId :

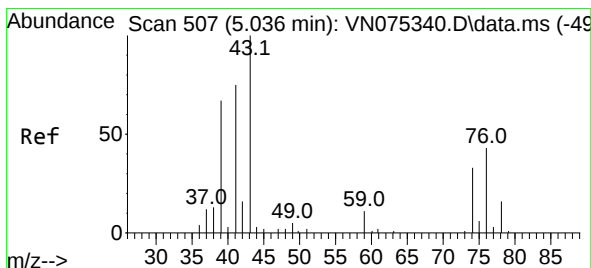
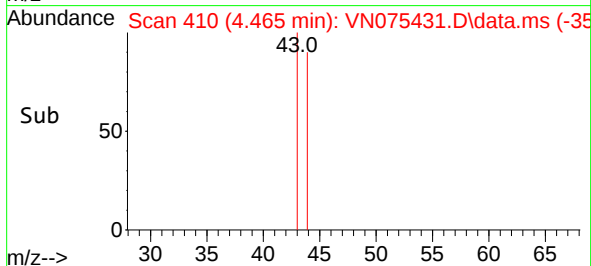
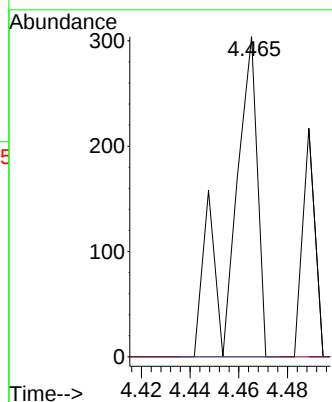
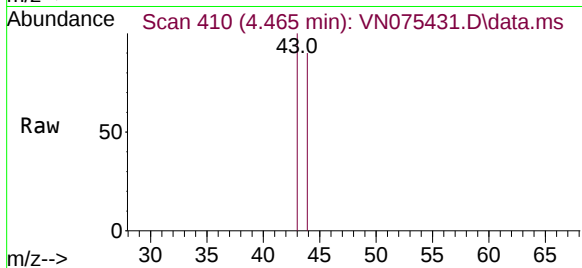
RW9-MW01D3-20221120

Tgt Ion: 43 Resp: 223

Ion Ratio Lower Upper

43 100

58 0.0 25.5 38.3#



#18

Methyl Acetate

Concen: Below Cal

RT: 5.042 min Scan# 508

Delta R.T. 0.006 min

Lab File: VN075431.D

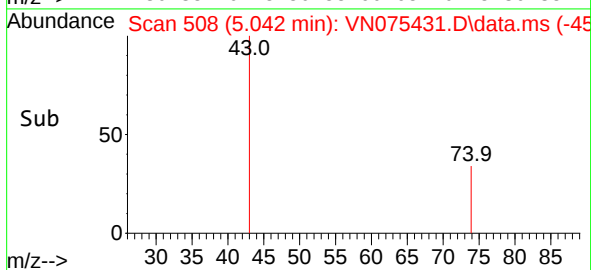
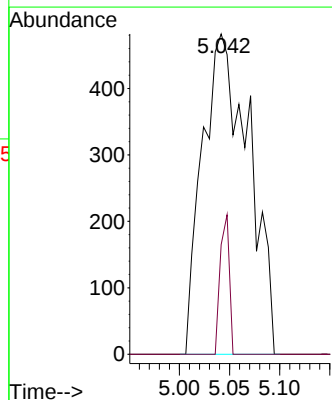
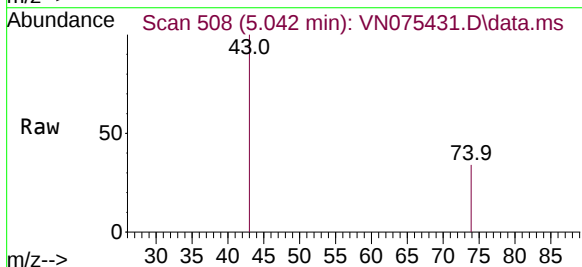
Acq: 25 Nov 2022 19:18

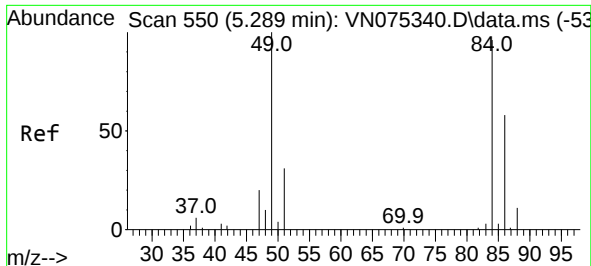
Tgt Ion: 43 Resp: 1553

Ion Ratio Lower Upper

43 100

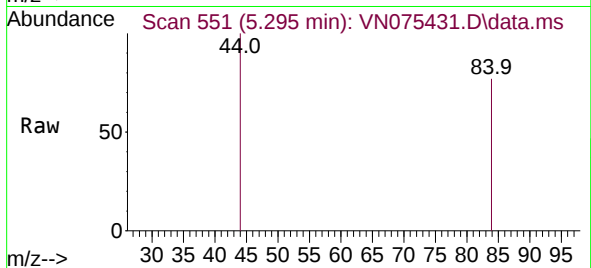
74 8.5 22.0 33.0#



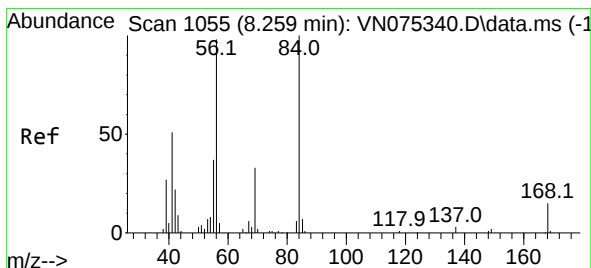
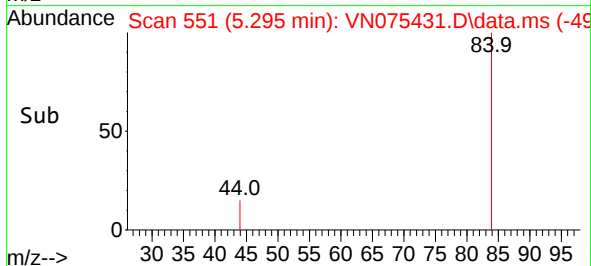
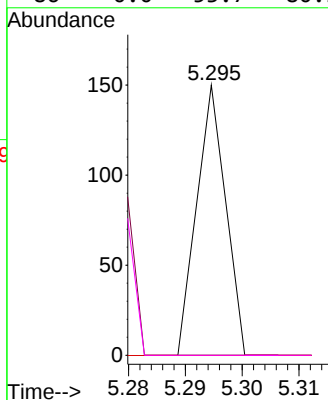


#20
Methylene Chloride
Concen: Below Cal
RT: 5.295 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075431.D
Acq: 25 Nov 2022 19:18

Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D3-20221120

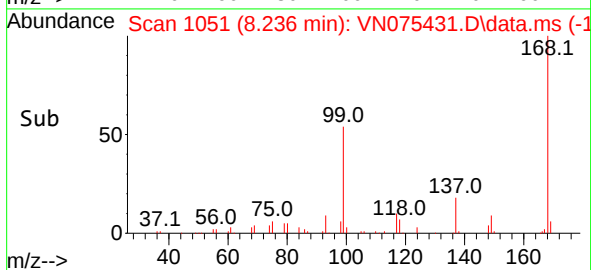
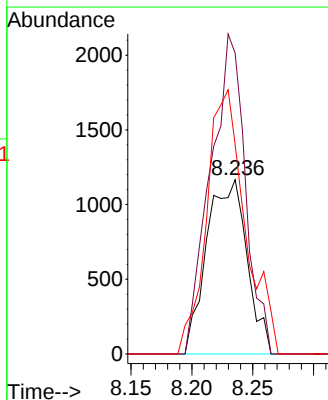
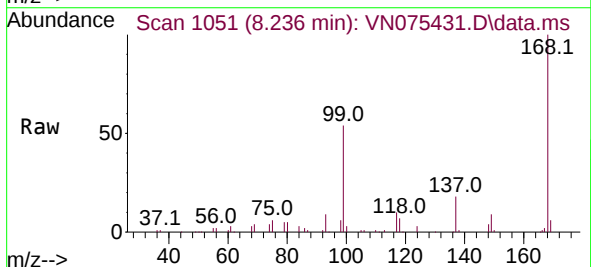


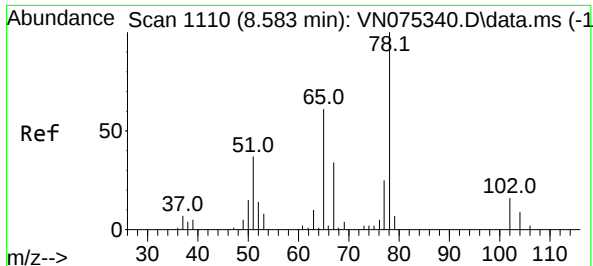
Tgt Ion: 84	Resp: 53
Ion Ratio	Lower Upper
84 100	
49 0.0	94.9 142.3#
51 0.0	26.8 40.2#
86 0.0	53.7 80.5#



#31
Cyclohexane
Concen: 1.147 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.023 min
Lab File: VN075431.D
Acq: 25 Nov 2022 19:18

Tgt Ion: 56	Resp: 2674		
Ion Ratio	Lower	Upper	
56	100		
69	172.6	25.2	37.8#
84	120.2	77.8	116.8#





#33

1,2-Dichloroethane-d4

Concen: 54.253 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.005 min

Lab File: VN075431.D

Acq: 25 Nov 2022 19:18

Instrument :

MSVOA_N

ClientSampleId :

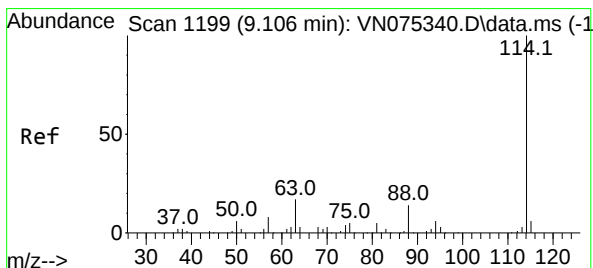
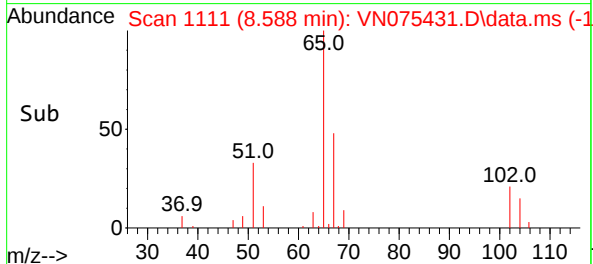
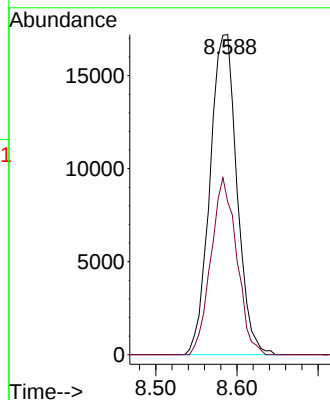
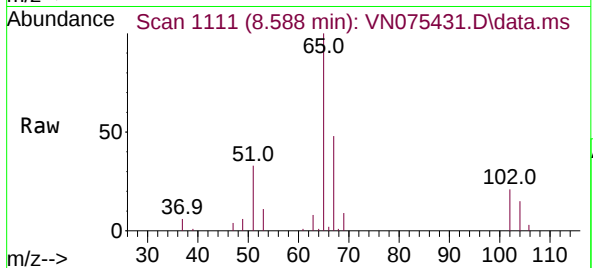
RW9-MW01D3-20221120

Tgt Ion: 65 Resp: 39814

Ion Ratio Lower Upper

65 100

67 52.7 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075431.D

Acq: 25 Nov 2022 19:18

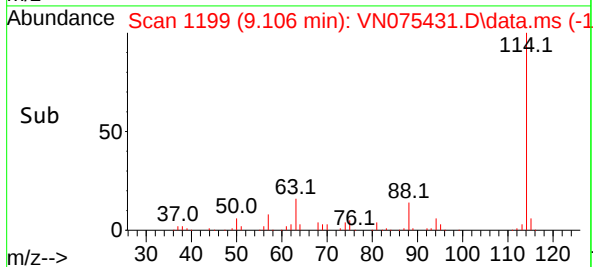
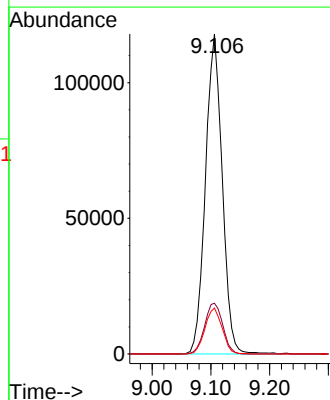
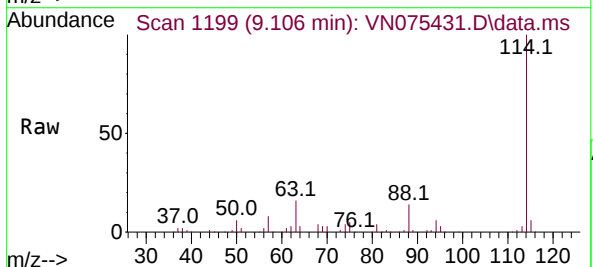
Tgt Ion: 114 Resp: 234468

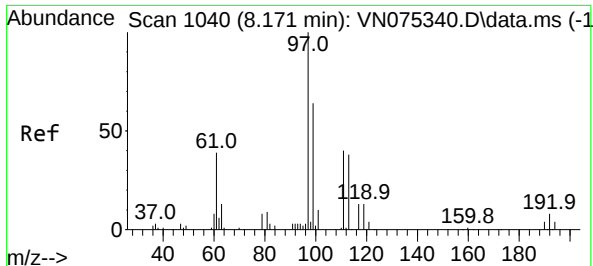
Ion Ratio Lower Upper

114 100

63 15.8 0.0 39.6

88 14.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.603 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075431.D

Acq: 25 Nov 2022 19:18

Instrument :

MSVOA_N

ClientSampleId :

RW9-MW01D3-20221120

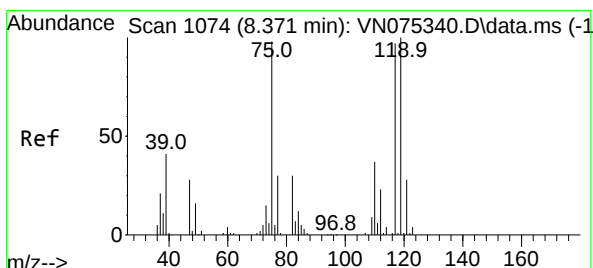
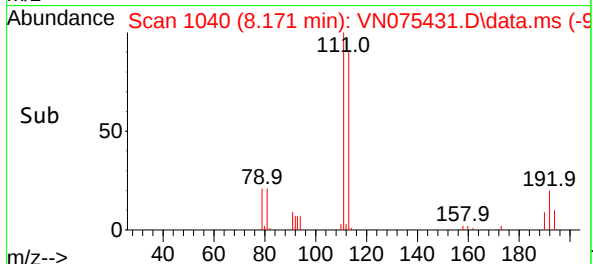
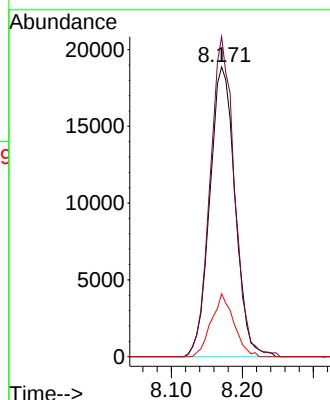
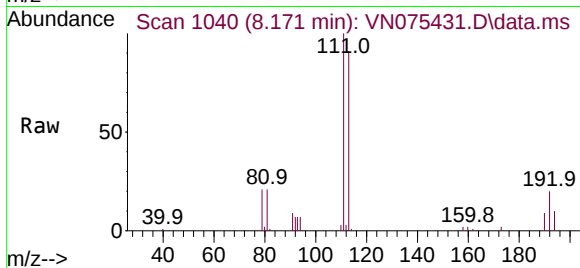
Tgt Ion:113 Resp: 46609

Ion Ratio Lower Upper

113 100

111 106.3 80.5 120.7

192 19.4 13.2 19.8



#36

1,1-Dichloropropene

Concen: 4.631 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.141 min

Lab File: VN075431.D

Acq: 25 Nov 2022 19:18

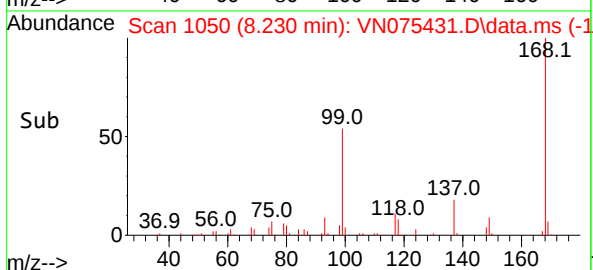
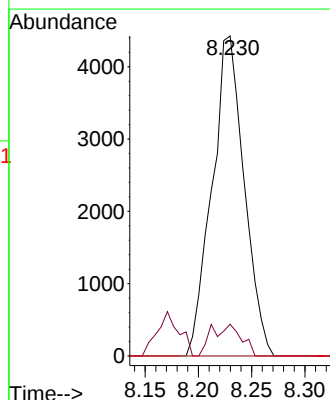
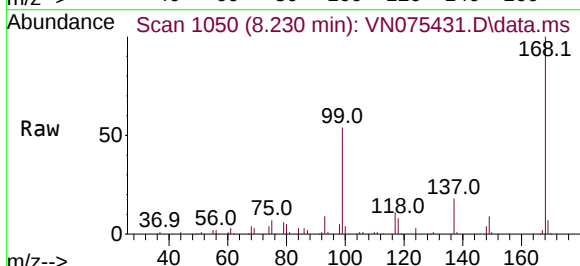
Tgt Ion: 75 Resp: 9302

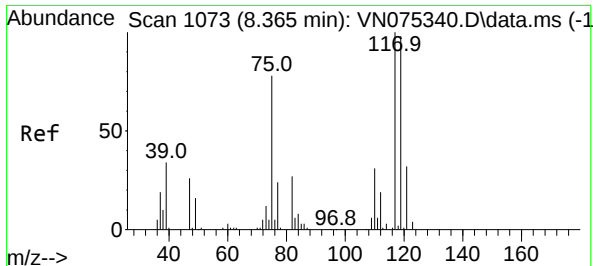
Ion Ratio Lower Upper

75 100

110 9.1 17.8 53.3#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.295 ug/l

RT: 8.230 min Scan# 110

Delta R.T. -0.135 min

Lab File: VN075431.D

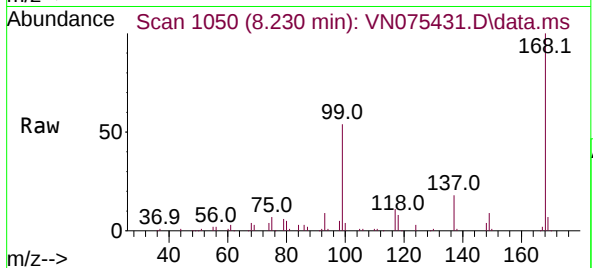
Acq: 25 Nov 2022 19:18

Instrument :

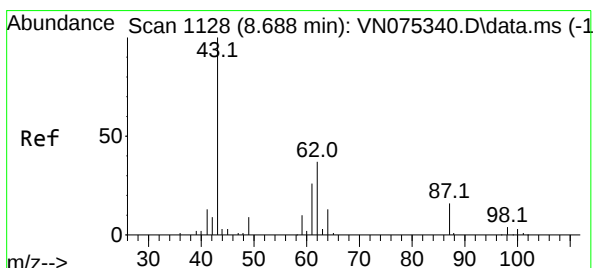
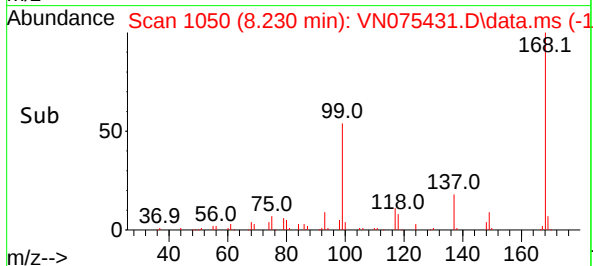
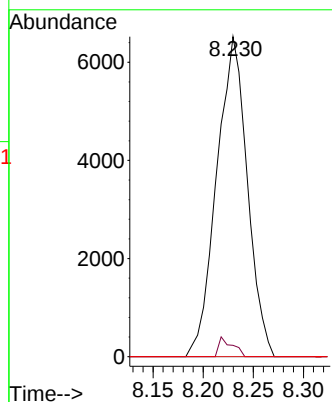
MSVOA_N

ClientSampleId :

RW9-MW01D3-20221120



Tgt Ion:	117	Resp:	13890
Ion	Ratio	Lower	Upper
117	100		
119	3.6	76.7	115.1#
121	0.0	23.9	35.9#



#43

Isopropyl Acetate

Concen: 0.233 ug/l

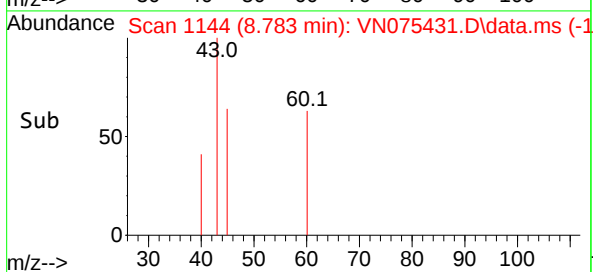
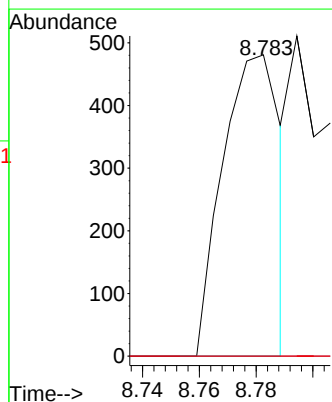
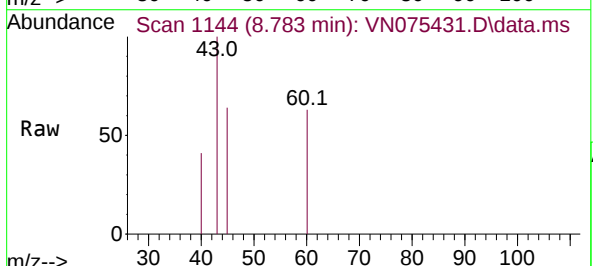
RT: 8.783 min Scan# 1144

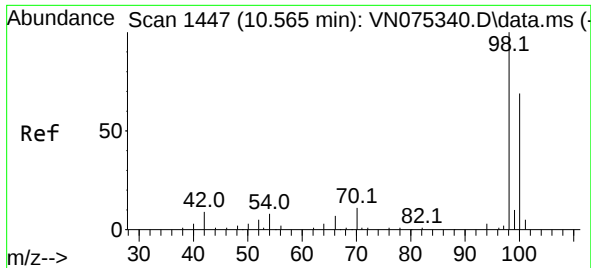
Delta R.T. 0.095 min

Lab File: VN075431.D

Acq: 25 Nov 2022 19:18

Tgt Ion:	43	Resp:	677
Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.4	33.6#
87	0.0	12.5	18.7#

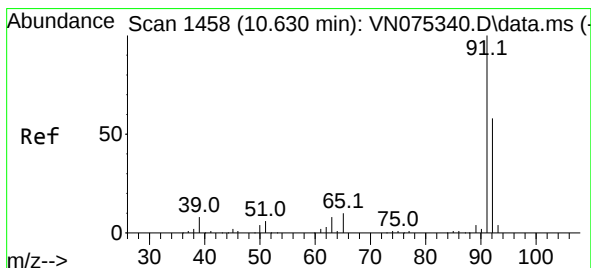
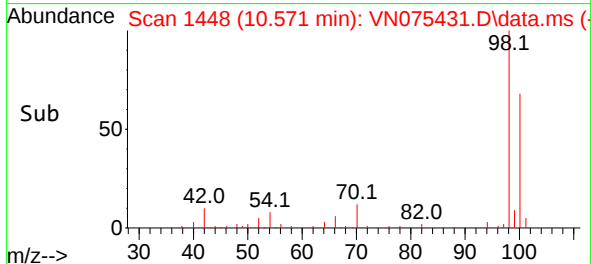
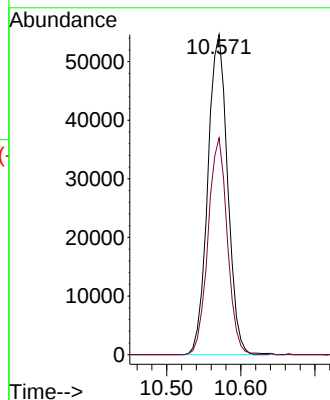
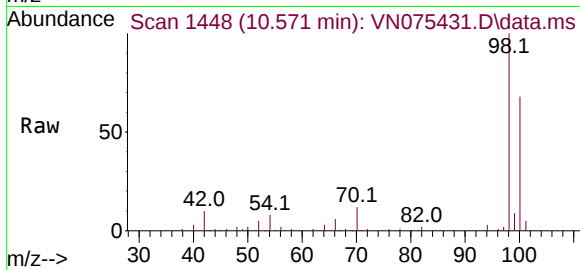




#50
Toluene-d8
Concen: 48.793 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075431.D
Acq: 25 Nov 2022 19:18

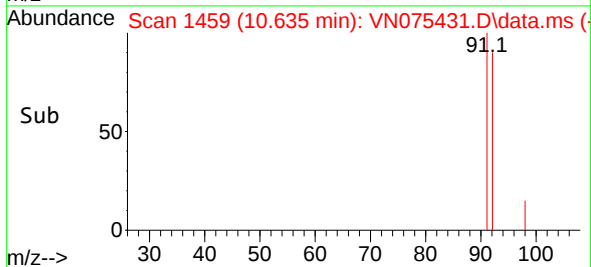
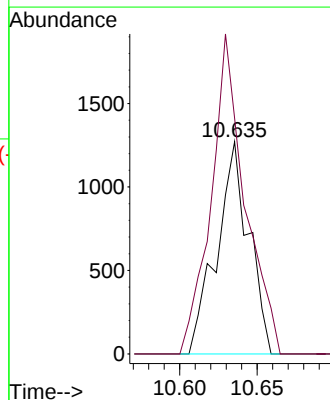
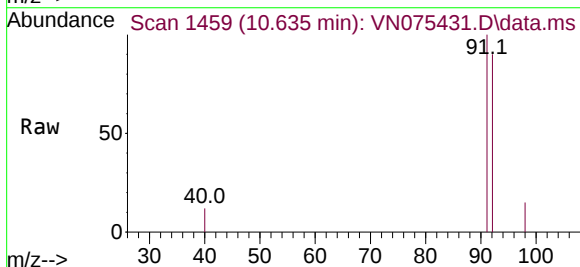
Instrument :
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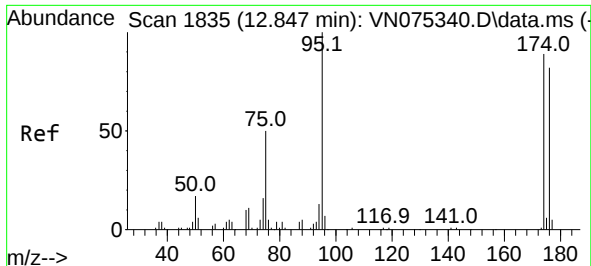
Tgt Ion: 98 Resp: 101221
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6



#52
Toluene
Concen: 0.463 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075431.D
Acq: 25 Nov 2022 19:18

Tgt Ion: 92 Resp: 1833
Ion Ratio Lower Upper
92 100
91 158.4 135.4 203.2

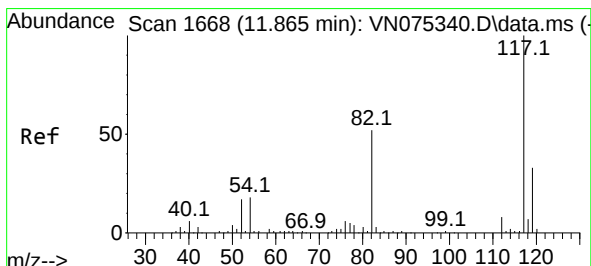
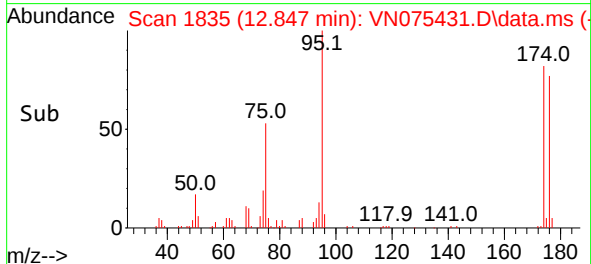
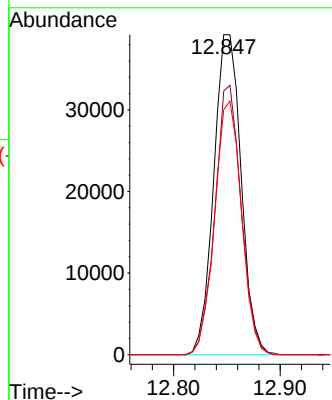
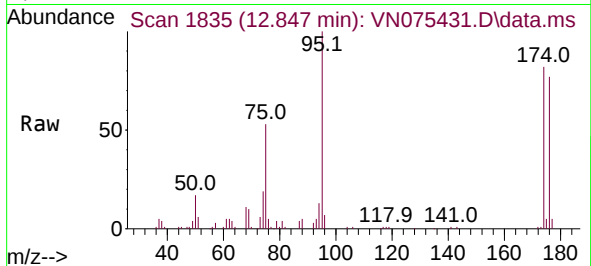




#62
4-Bromofluorobenzene
Concen: 45.678 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075431.D
Acq: 25 Nov 2022 19:18

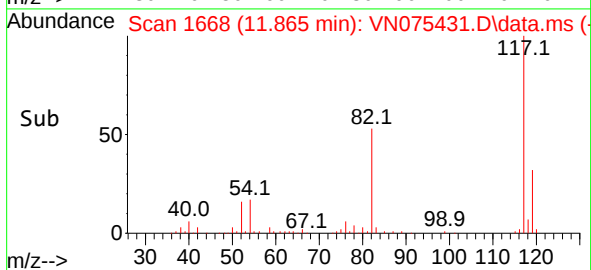
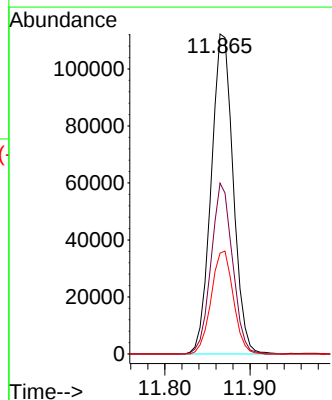
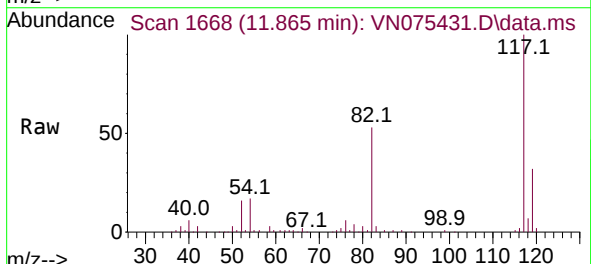
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D3-20221120

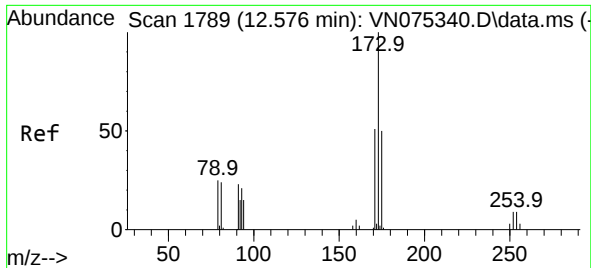
Tgt Ion: 95 Resp: 69942
Ion Ratio Lower Upper
95 100
174 80.9 0.0 147.4
176 77.9 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075431.D
Acq: 25 Nov 2022 19:18

Tgt Ion: 117 Resp: 201139
Ion Ratio Lower Upper
117 100
82 53.4 43.1 64.7
119 31.5 25.5 38.3





#71

Bromoform

Concen: 0.369 ug/l

RT: 12.841 min Scan# 1834

Delta R.T. 0.265 min

Lab File: VN075431.D

Acq: 25 Nov 2022 19:18

Instrument :

MSVOA_N

ClientSampleId :

RW9-MW01D3-20221120

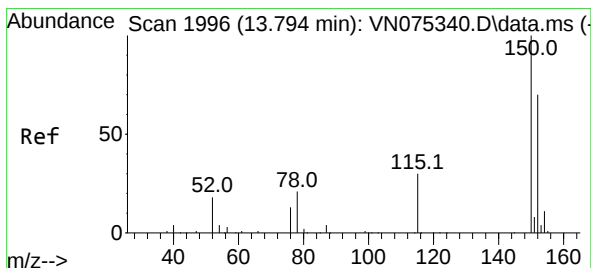
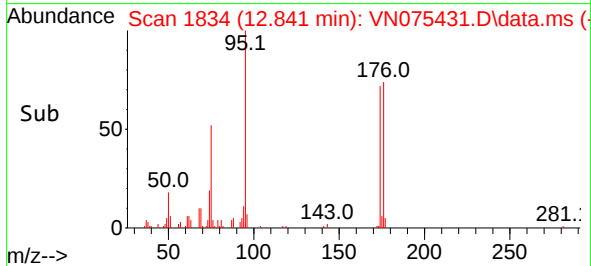
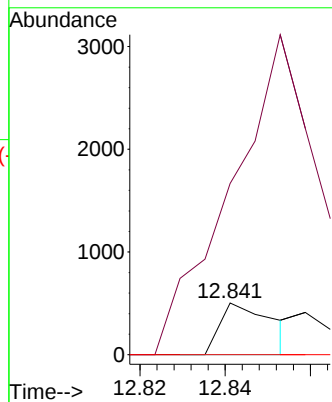
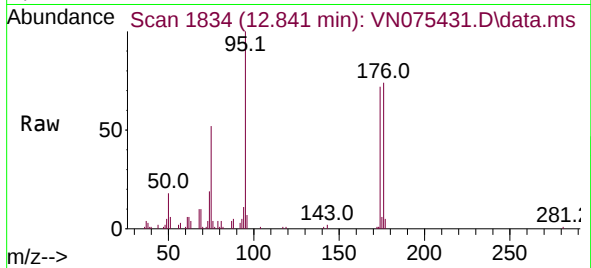
Tgt Ion:173 Resp: 435

Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN075431.D

Acq: 25 Nov 2022 19:18

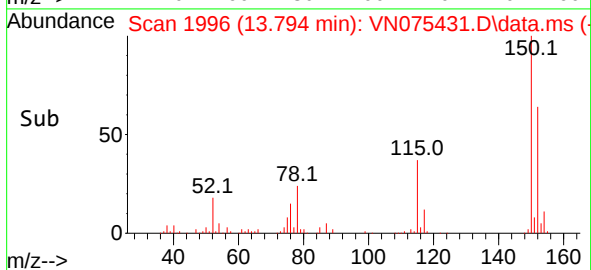
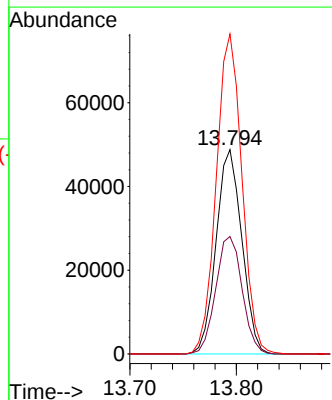
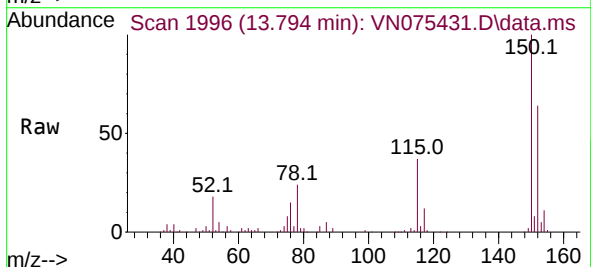
Tgt Ion:152 Resp: 81788

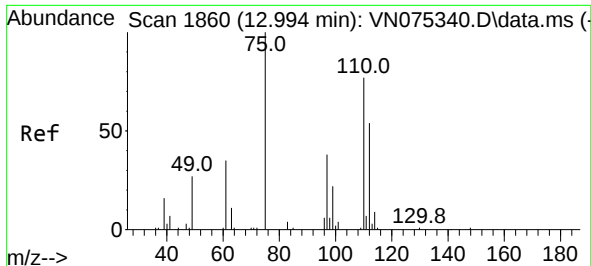
Ion Ratio Lower Upper

152 100

115 58.9 30.2 90.6

150 155.8 0.0 348.4

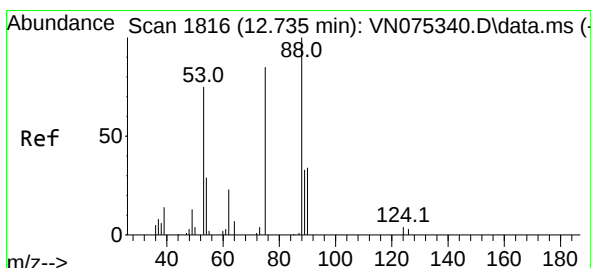
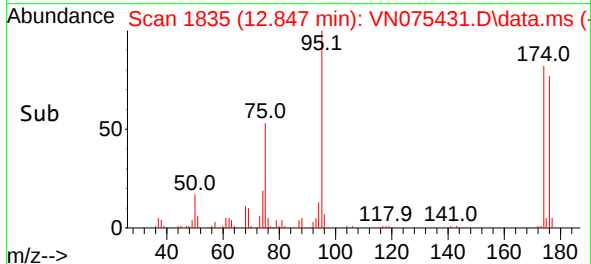
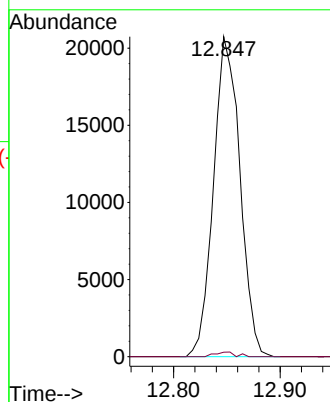
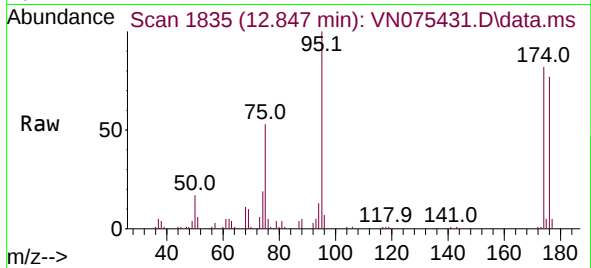




#76
1,2,3-Trichloropropane
Concen: 23.090 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075431.D
Acq: 25 Nov 2022 19:18

Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D3-20221120

Tgt Ion: 75 Resp: 35707
Ion Ratio Lower Upper
75 100
77 1.1 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.319 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.112 min
Lab File: VN075431.D
Acq: 25 Nov 2022 19:18

Tgt Ion: 75 Resp: 35707
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

