

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082522\
 Data File : VN074112.D
 Acq On : 25 Aug 2022 14:20
 Operator : JC\MD
 Sample : N4244-06RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-103D

Quant Time: Aug 26 02:00:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

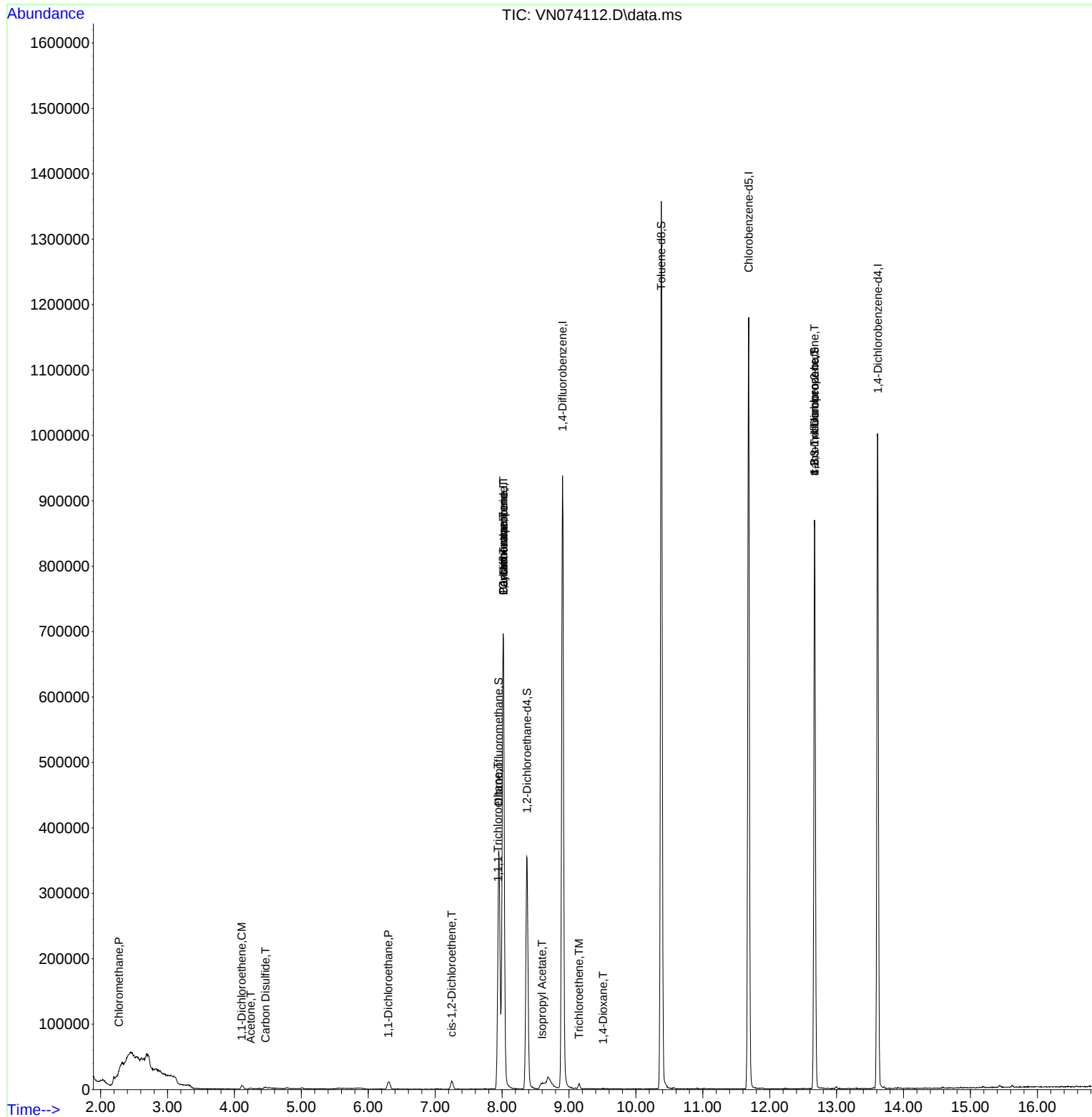
Internal Standards						
1) Pentafluorobenzene	8.022	168	583577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	874924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	723545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	297875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	298338	52.487	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.980%	
35) Dibromofluoromethane	7.951	113	268807	51.951	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.900%	
50) Toluene-d8	10.380	98	971284	48.469	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.940%	
62) 4-Bromofluorobenzene	12.668	95	292946	44.048	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.275	50	1949	0.379	ug/l #	43
12) 1,1-Dichloroethene	4.110	96	3341	0.725	ug/l #	89
16) Acetone	4.245	43	3162	1.179	ug/l #	84
17) Carbon Disulfide	4.463	76	7106	0.649	ug/l #	88
18) Methyl Acetate	4.798	43	2979	Below Cal	#	88
24) 1,1-Dichloroethane	6.298	63	17063	1.895	ug/l	95
27) cis-1,2-Dichloroethene	7.245	96	7861	1.256	ug/l	88
31) Cyclohexane	8.016	56	9224	1.164	ug/l #	1
32) 1,1,1-Trichloroethane	7.939	97	2282	0.256	ug/l #	36
36) 1,1-Dichloropropene	8.022	75	38536	5.362	ug/l #	49
38) Carbon Tetrachloride	8.022	117	52318	6.369	ug/l #	16
43) Isopropyl Acetate	8.598	43	7893	0.636	ug/l #	53
44) Trichloroethene	9.151	130	2801	0.428	ug/l	79
49) 1,4-Dioxane	9.510	88	254	1.609	ug/l #	51
76) 1,2,3-Trichloropropane	12.668	75	142359	22.993	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	142359	65.397	ug/l #	10

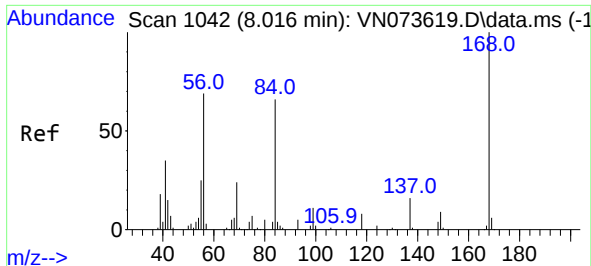
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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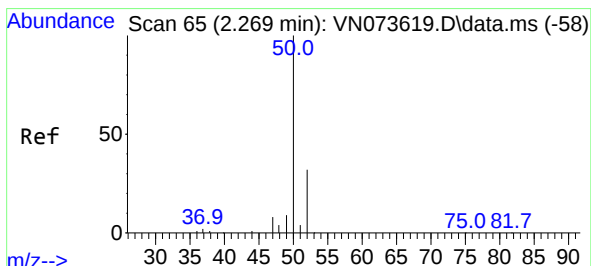
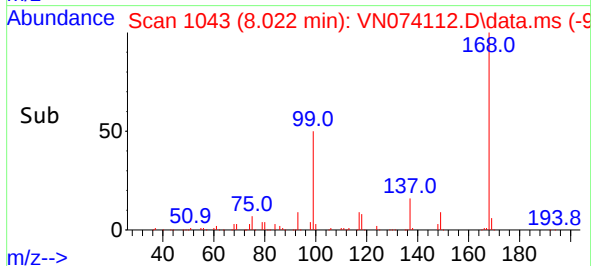
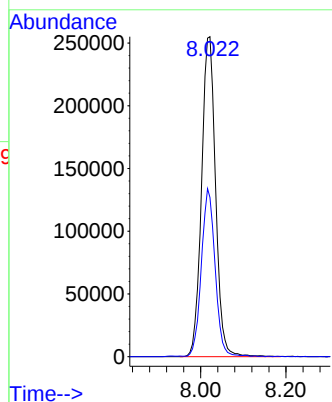
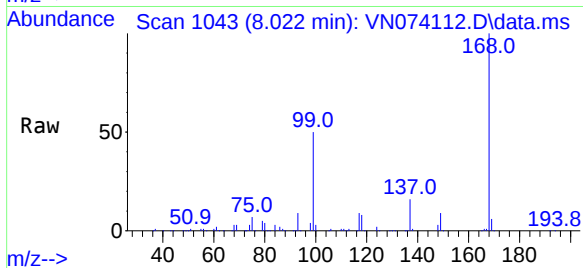




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN074112.D
Acq: 25 Aug 2022 14:20

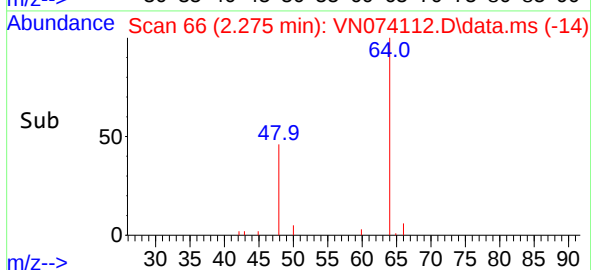
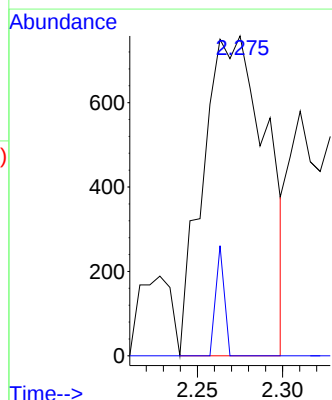
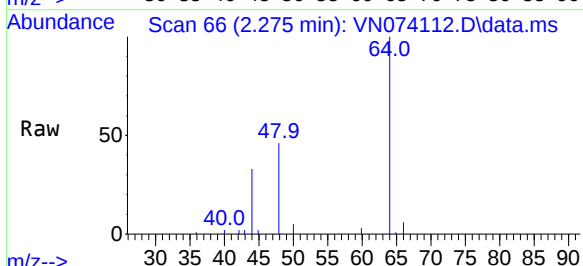
Instrument :
MSVOA_N
ClientSampleId :
MW-103D

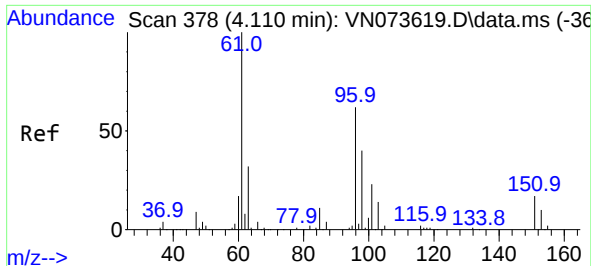
Tgt Ion:168 Resp: 583577
Ion Ratio Lower Upper
168 100
99 49.7 42.3 63.5



#3
Chloromethane
Concen: 0.379 ug/l
RT: 2.275 min Scan# 66
Delta R.T. 0.006 min
Lab File: VN074112.D
Acq: 25 Aug 2022 14:20

Tgt Ion: 50 Resp: 1949
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

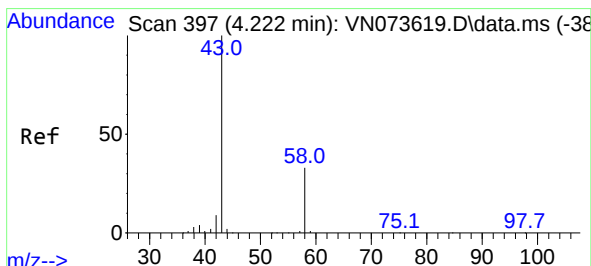
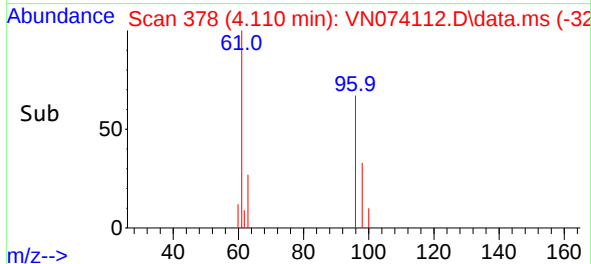
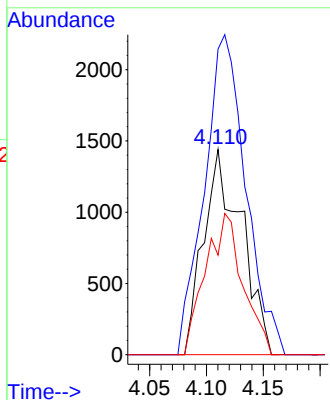
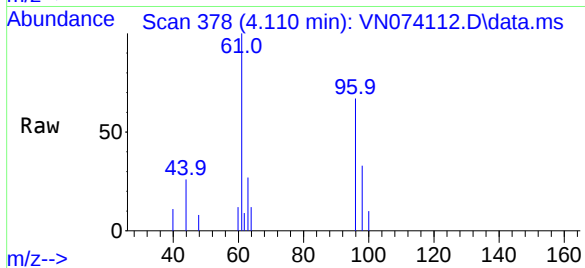




#12
1,1-Dichloroethene
Concen: 0.725 ug/l
RT: 4.110 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN074112.D
Acq: 25 Aug 2022 14:20

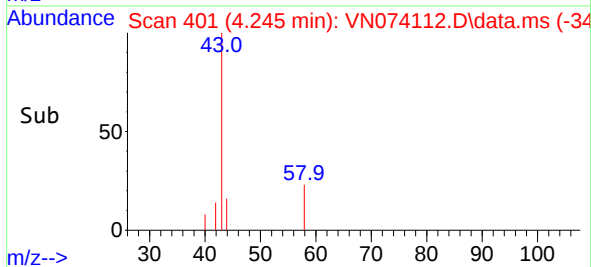
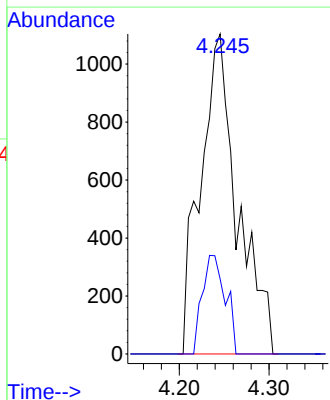
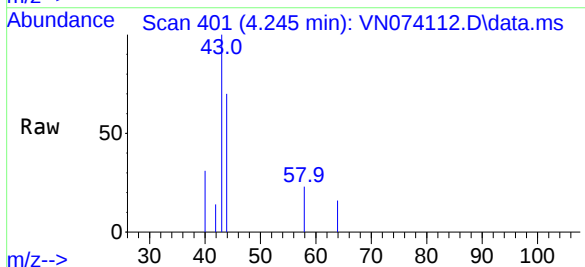
Instrument :
MSVOA_N
ClientSampleId :
MW-103D

Tgt Ion: 96 Resp: 3341
Ion Ratio Lower Upper
96 100
61 148.9 127.6 191.4
98 48.5 51.2 76.8#

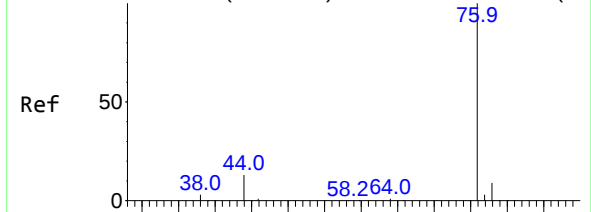


#16
Acetone
Concen: 1.179 ug/l
RT: 4.245 min Scan# 401
Delta R.T. 0.023 min
Lab File: VN074112.D
Acq: 25 Aug 2022 14:20

Tgt Ion: 43 Resp: 3162
Ion Ratio Lower Upper
43 100
58 23.5 26.0 39.0#

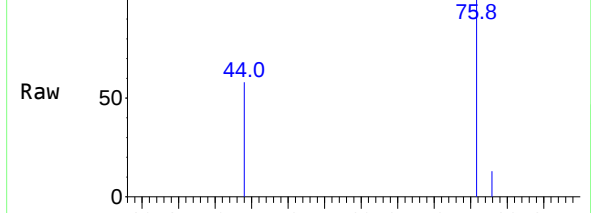


Abundance Scan 437 (4.457 min): VN073619.D\data.ms (-42



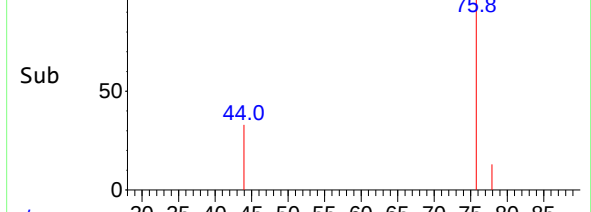
m/z-->

Abundance Scan 438 (4.463 min): VN074112.D\data.ms



m/z-->

Abundance Scan 438 (4.463 min): VN074112.D\data.ms (-38



m/z-->

#17

Carbon Disulfide

Concen: 0.649 ug/l

RT: 4.463 min Scan# 438

Delta R.T. 0.006 min

Lab File: VN074112.D

Acq: 25 Aug 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

MW-103D

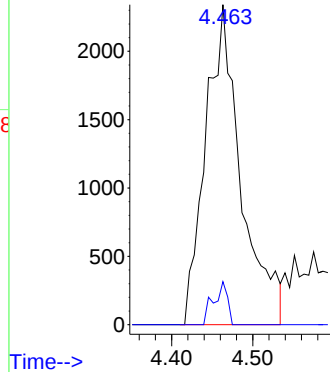
Tgt Ion: 76 Resp: 7106

Ion Ratio Lower Upper

76 100

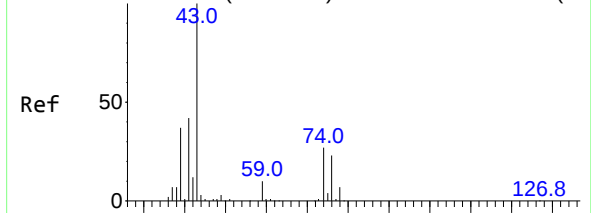
78 13.5 7.2 10.8#

Abundance



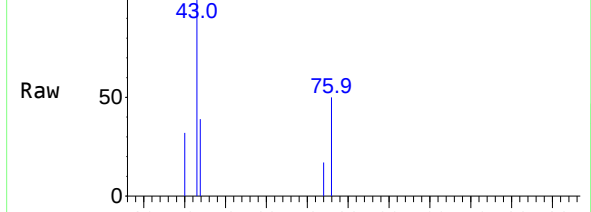
Time-->

Abundance Scan 492 (4.781 min): VN073619.D\data.ms (-42



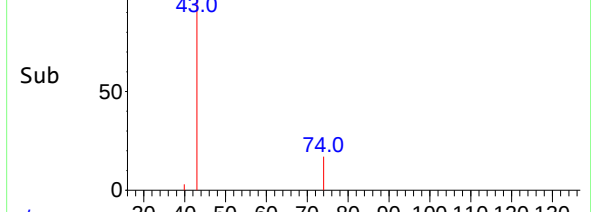
m/z-->

Abundance Scan 495 (4.798 min): VN074112.D\data.ms



m/z-->

Abundance Scan 495 (4.798 min): VN074112.D\data.ms (-44



m/z-->

#18

Methyl Acetate

Concen: Below Cal

RT: 4.798 min Scan# 495

Delta R.T. 0.017 min

Lab File: VN074112.D

Acq: 25 Aug 2022 14:20

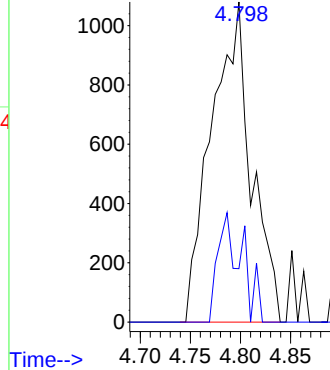
Tgt Ion: 43 Resp: 2979

Ion Ratio Lower Upper

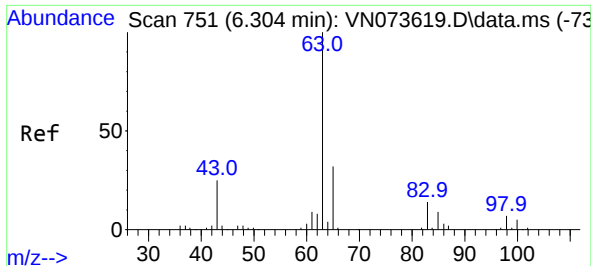
43 100

74 20.5 21.6 32.4#

Abundance



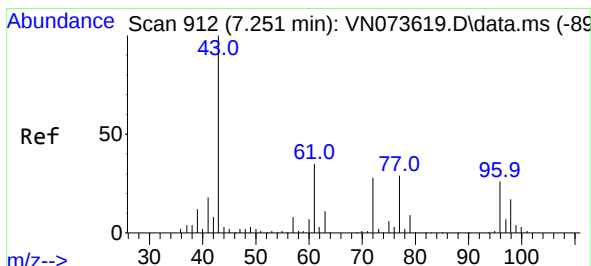
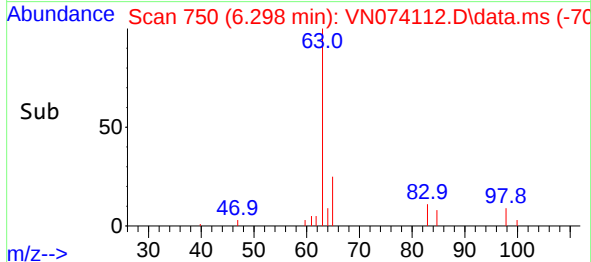
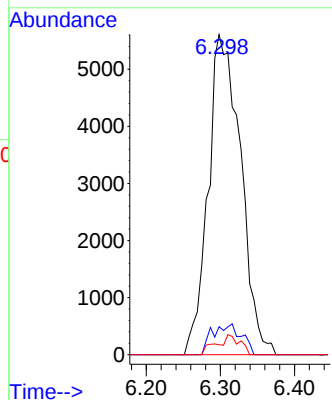
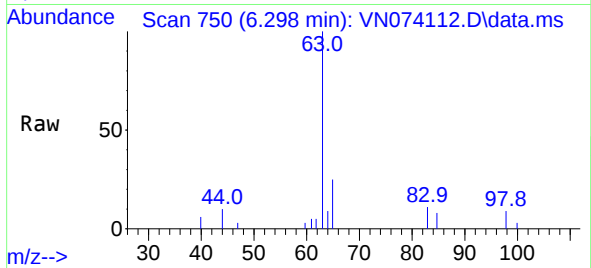
Time-->



#24
1,1-Dichloroethane
Concen: 1.895 ug/l
RT: 6.298 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN074112.D
Acq: 25 Aug 2022 14:20

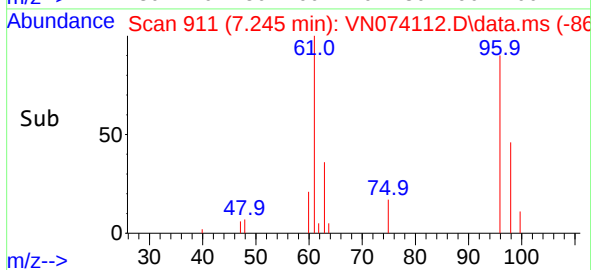
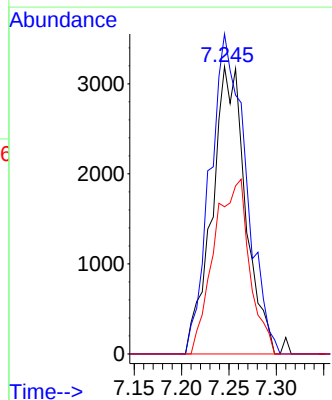
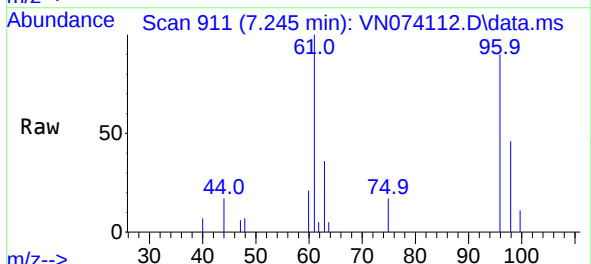
Instrument :
MSVOA_N
ClientSampleId :
MW-103D

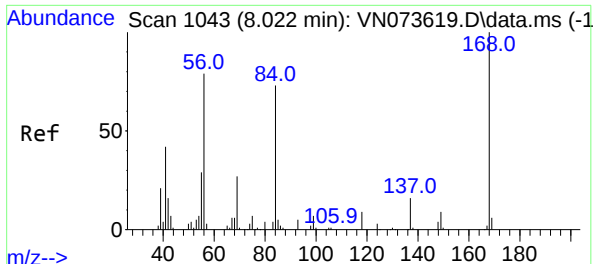
Tgt Ion: 63 Resp: 17063
Ion Ratio Lower Upper
63 100
98 8.8 3.5 10.4
100 3.1 2.3 6.8



#27
cis-1,2-Dichloroethene
Concen: 1.256 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN074112.D
Acq: 25 Aug 2022 14:20

Tgt Ion: 96 Resp: 7861
Ion Ratio Lower Upper
96 100
61 119.0 0.0 280.6
98 64.3 0.0 128.4





#31

Cyclohexane

Concen: 1.164 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN074112.D

Acq: 25 Aug 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

MW-103D

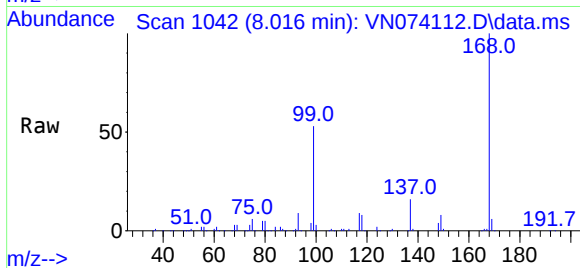
Tgt Ion: 56 Resp: 9224

Ion Ratio Lower Upper

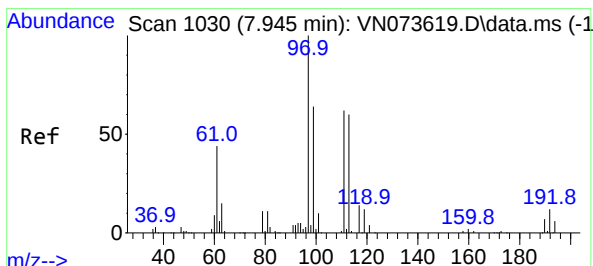
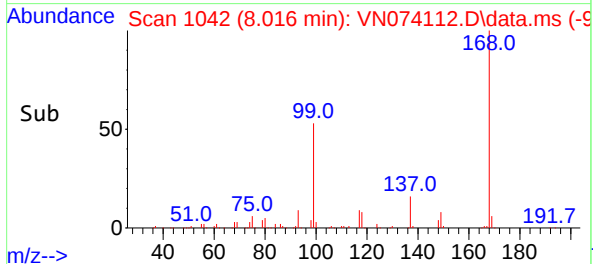
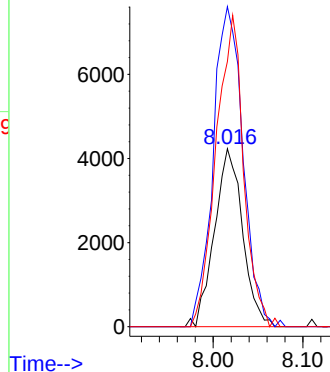
56 100

69 179.9 27.8 41.8#

84 149.1 76.9 115.3#



Abundance



#32

1,1,1-Trichloroethane

Concen: 0.256 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VN074112.D

Acq: 25 Aug 2022 14:20

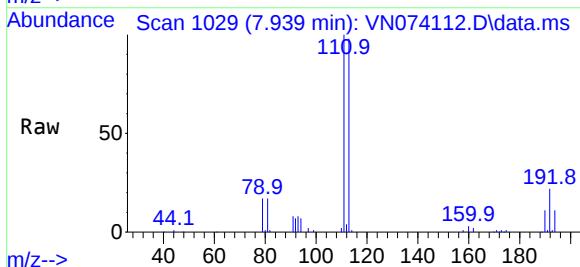
Tgt Ion: 97 Resp: 2282

Ion Ratio Lower Upper

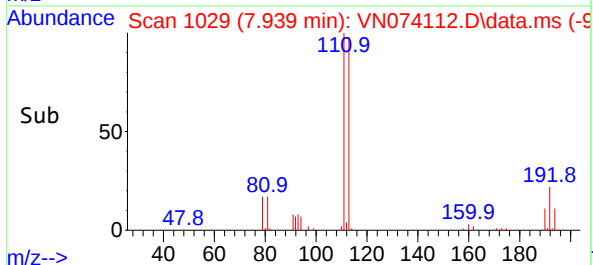
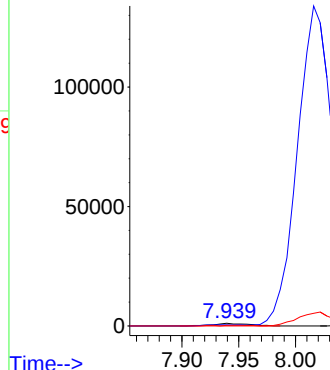
97 100

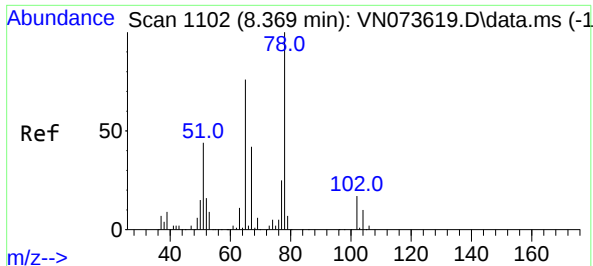
99 0.0 50.6 76.0#

61 18.9 36.0 54.0#



Abundance





#33

1,2-Dichloroethane-d4

Concen: 52.487 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN074112.D

Acq: 25 Aug 2022 14:20

Instrument :

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ClientSampleId :

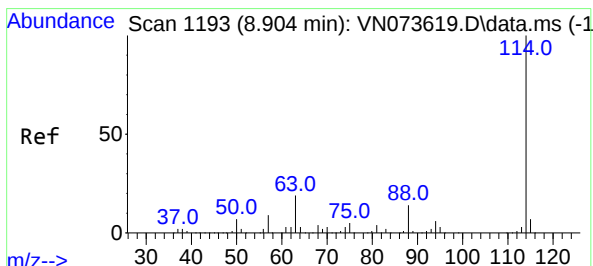
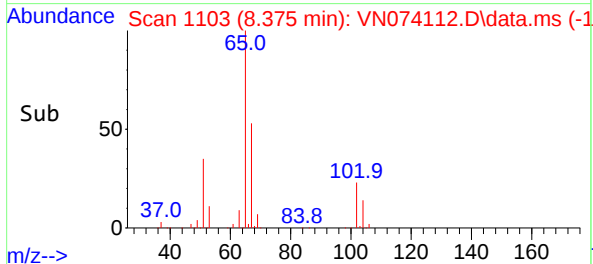
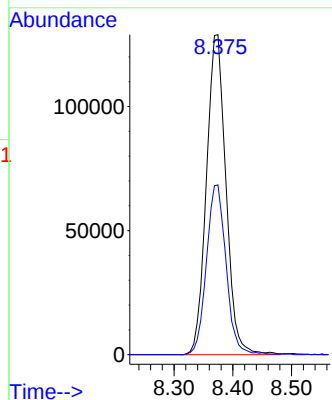
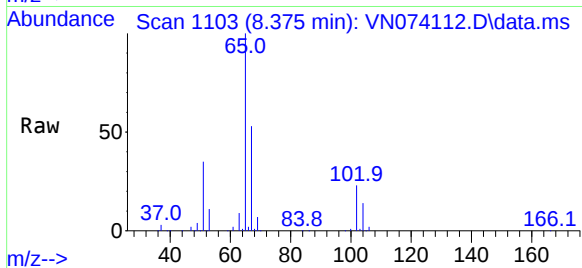
MW-103D

Tgt Ion: 65 Resp: 298338

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074112.D

Acq: 25 Aug 2022 14:20

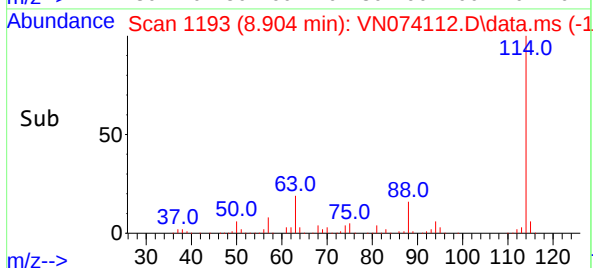
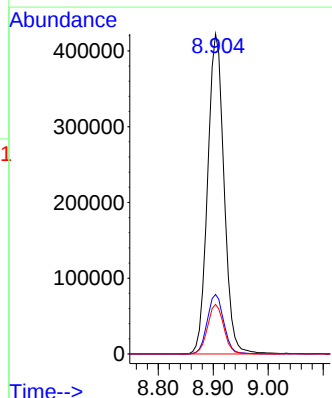
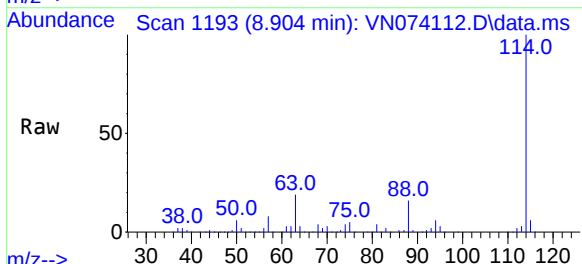
Tgt Ion:114 Resp: 874924

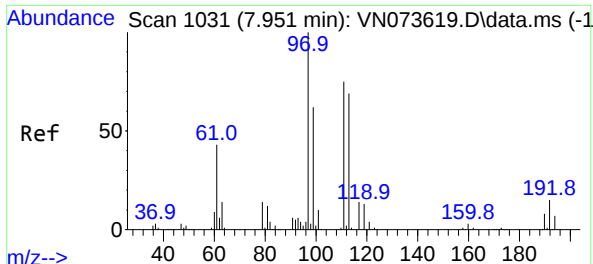
Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 15.5 0.0 32.6

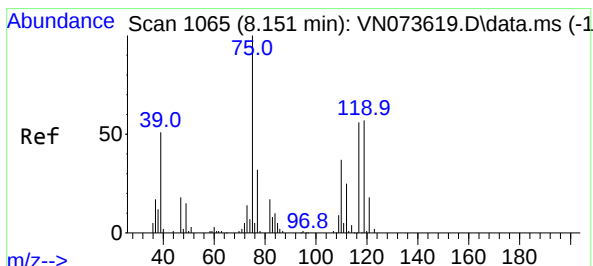
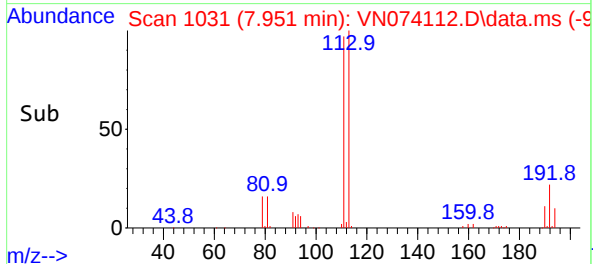
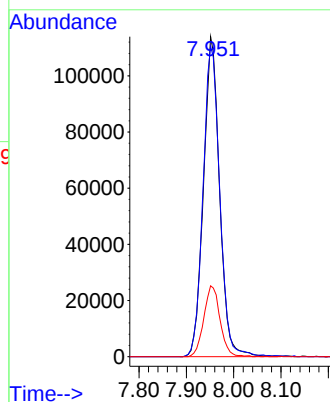
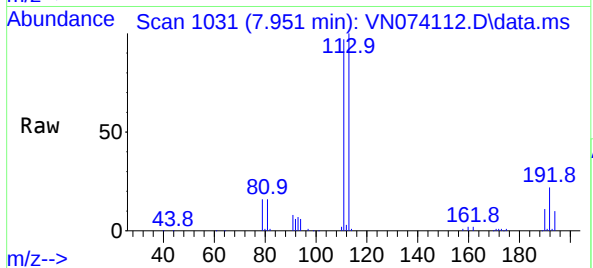




#35
Dibromofluoromethane
Concen: 51.951 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074112.D
Acq: 25 Aug 2022 14:20

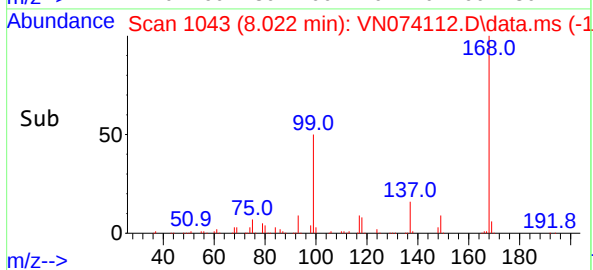
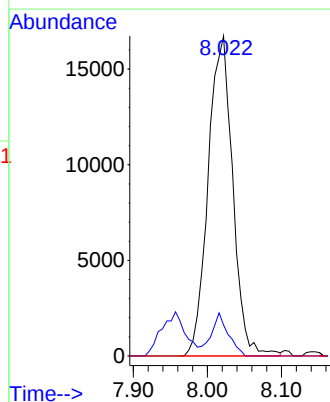
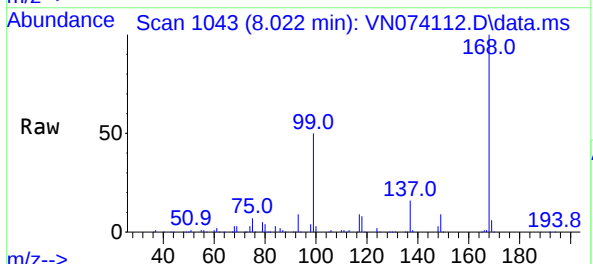
Instrument :
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MW-103D

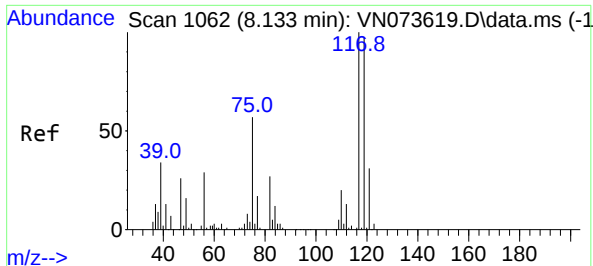
Tgt Ion:113 Resp: 268807
Ion Ratio Lower Upper
113 100
111 100.9 81.4 122.0
192 22.4 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.362 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.129 min
Lab File: VN074112.D
Acq: 25 Aug 2022 14:20

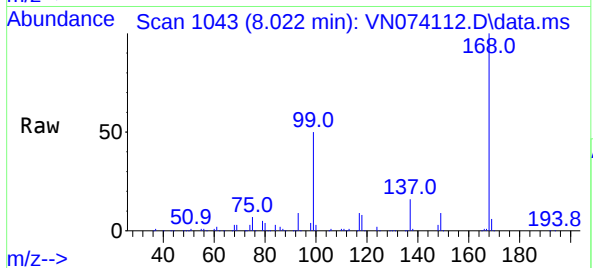
Tgt Ion: 75 Resp: 38536
Ion Ratio Lower Upper
75 100
110 9.5 18.3 54.8#
77 0.0 25.1 37.7#



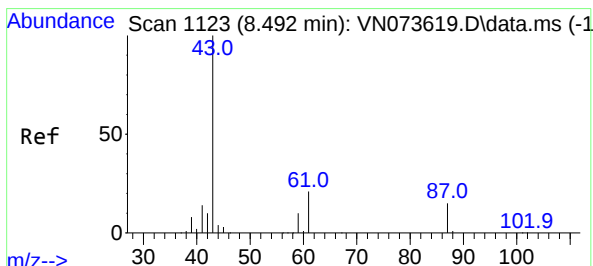
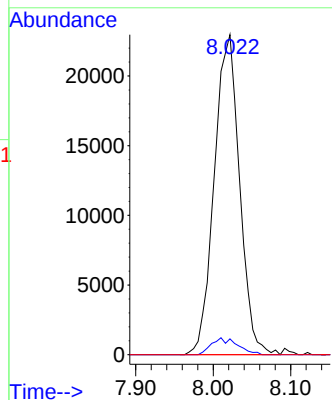
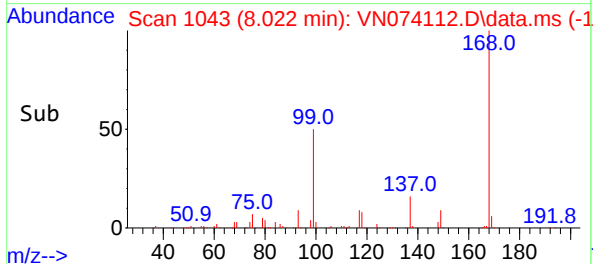


#38
Carbon Tetrachloride
Concen: 6.369 ug/l
RT: 8.022 min Scan# 1141
Delta R.T. -0.111 min
Lab File: VN074112.D
Acq: 25 Aug 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
MW-103D

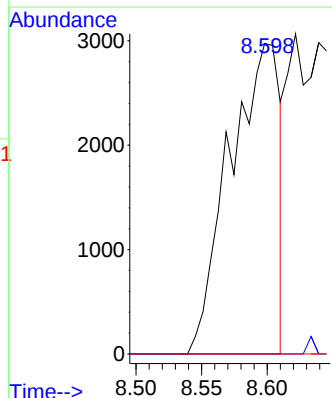
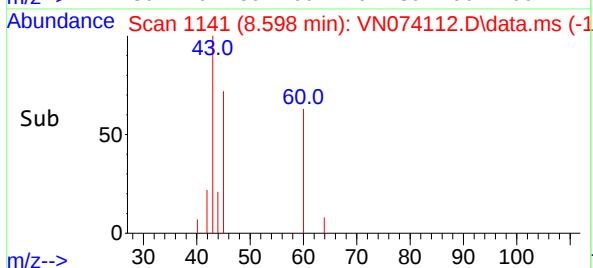
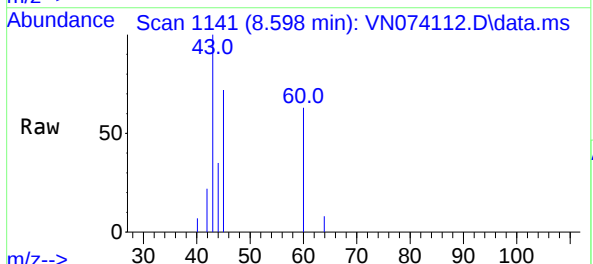


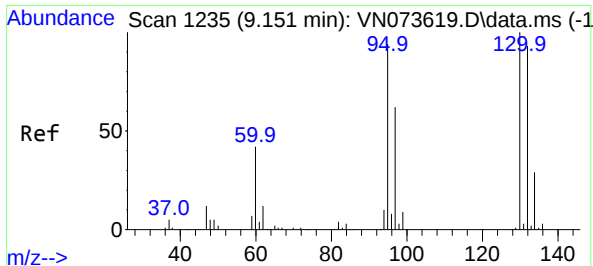
Tgt Ion:117 Resp: 52318
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.636 ug/l
RT: 8.598 min Scan# 1141
Delta R.T. 0.106 min
Lab File: VN074112.D
Acq: 25 Aug 2022 14:20

Tgt Ion: 43 Resp: 7893
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

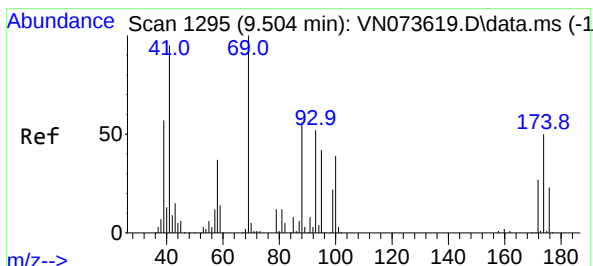
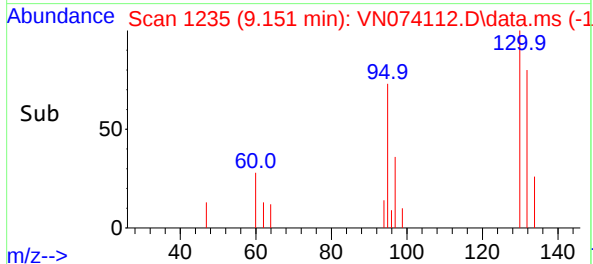
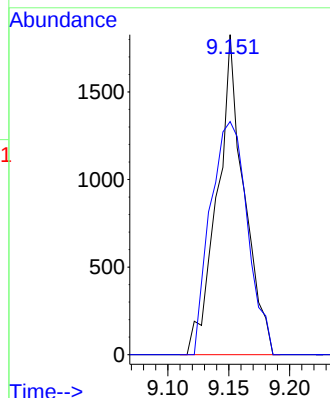
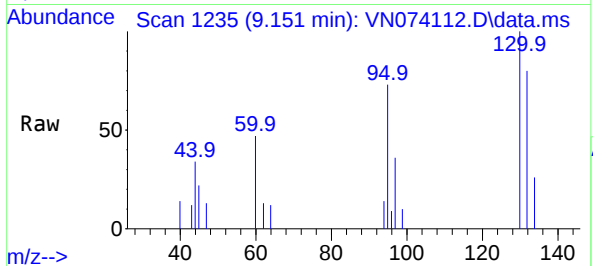




#44
Trichloroethene
Concen: 0.428 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074112.D
Acq: 25 Aug 2022 14:20

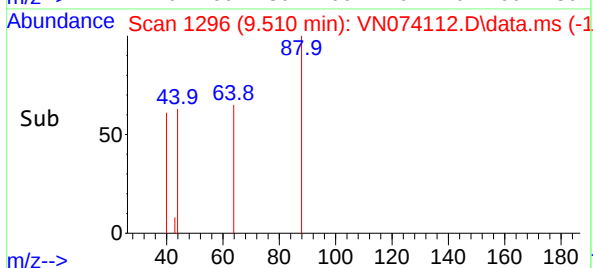
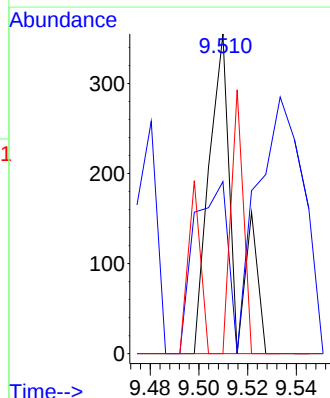
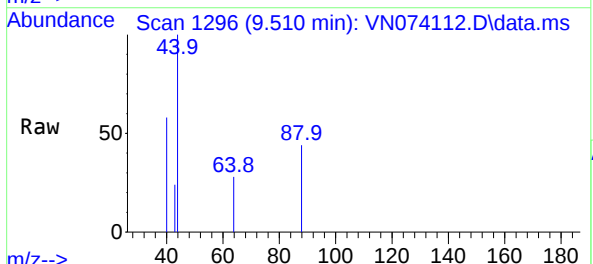
Instrument :
MSVOA_N
ClientSampleId :
MW-103D

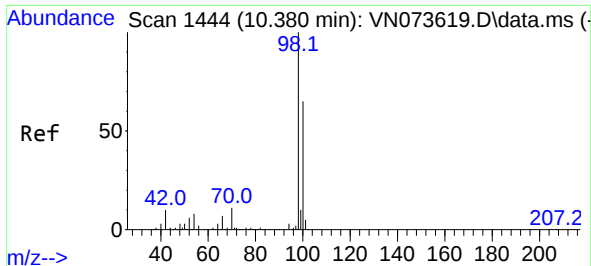
Tgt Ion:130 Resp: 2801
Ion Ratio Lower Upper
130 100
95 72.9 0.0 186.8



#49
1,4-Dioxane
Concen: 1.609 ug/l
RT: 9.510 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VN074112.D
Acq: 25 Aug 2022 14:20

Tgt Ion: 88 Resp: 254
Ion Ratio Lower Upper
88 100
43 70.9 20.2 30.4#
58 40.6 54.2 81.4#

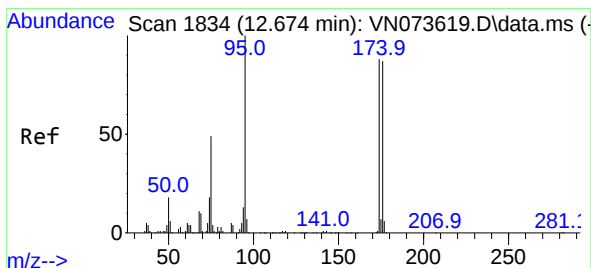
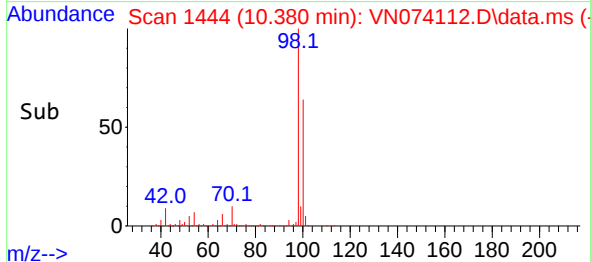
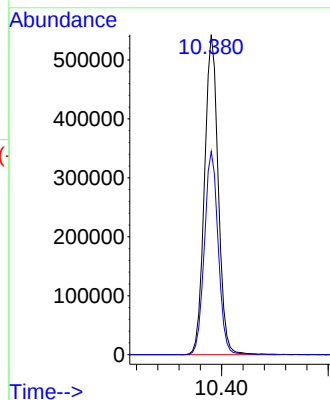
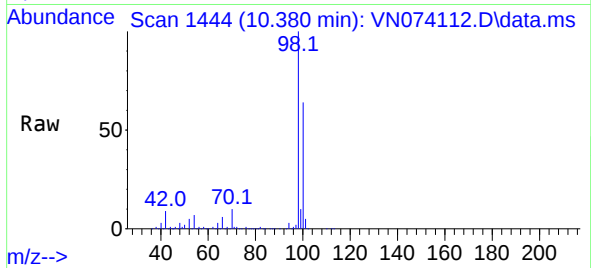




#50
Toluene-d8
Concen: 48.469 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074112.D
Acq: 25 Aug 2022 14:20

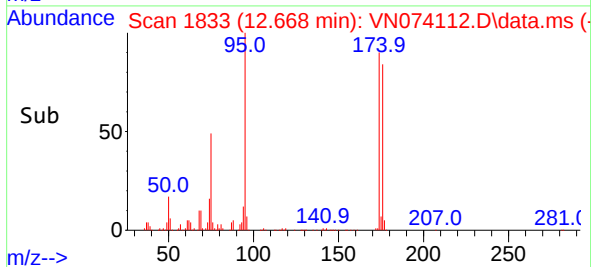
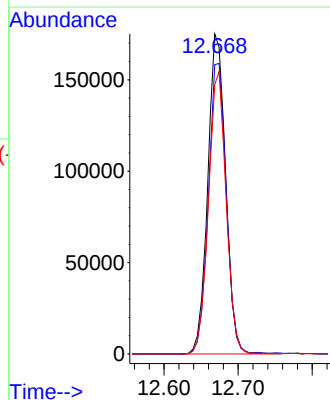
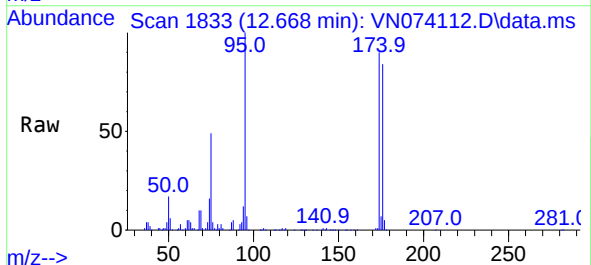
Instrument :
MSVOA_N
ClientSampleId :
MW-103D

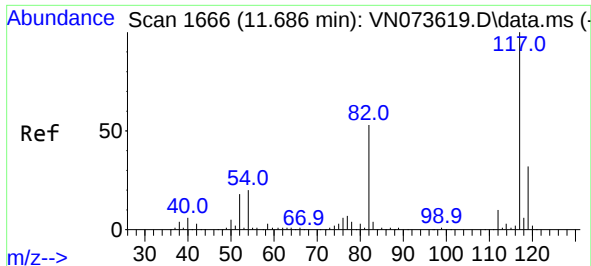
Tgt Ion: 98 Resp: 971284
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.048 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN074112.D
Acq: 25 Aug 2022 14:20

Tgt Ion: 95 Resp: 292946
Ion Ratio Lower Upper
95 100
174 91.4 0.0 167.6
176 87.0 0.0 163.4

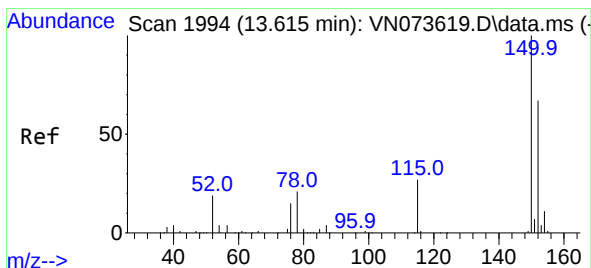
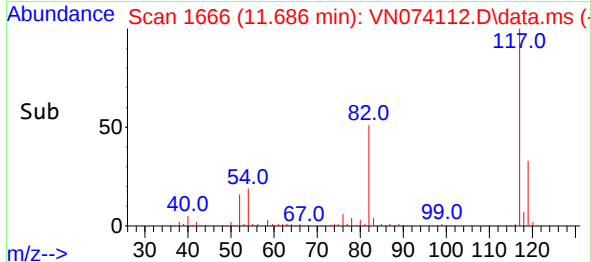
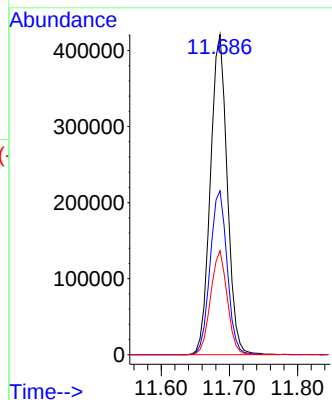
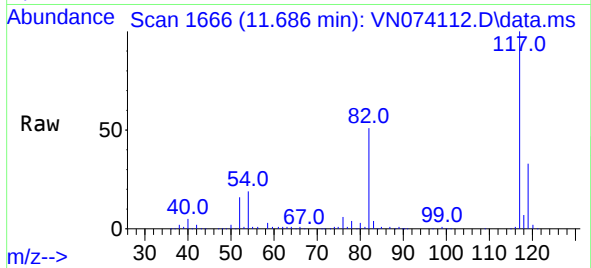




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074112.D
Acq: 25 Aug 2022 14:20

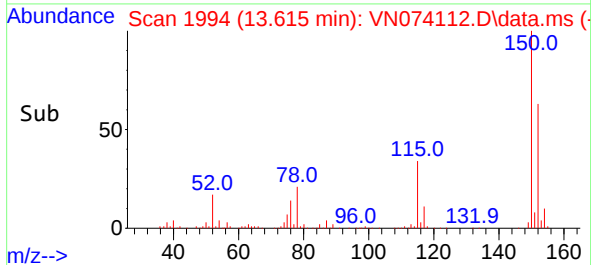
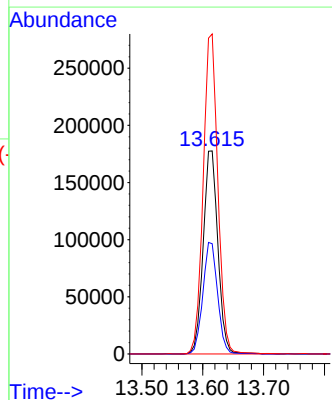
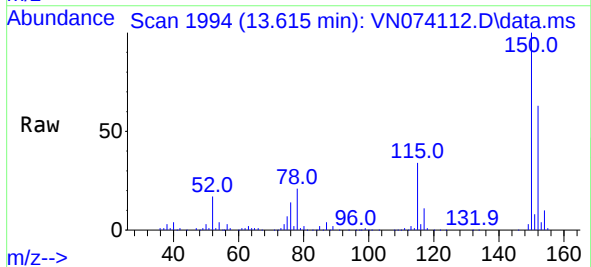
Instrument :
MSVOA_N
ClientSampleId :
MW-103D

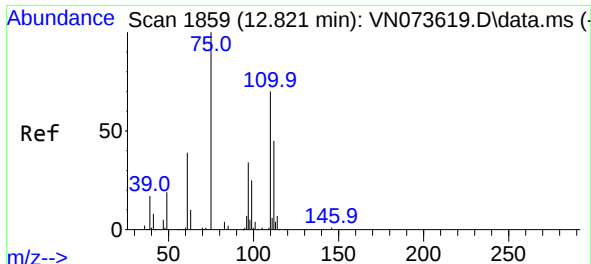
Tgt Ion:117 Resp: 723545
Ion Ratio Lower Upper
117 100
82 51.2 44.2 66.2
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074112.D
Acq: 25 Aug 2022 14:20

Tgt Ion:152 Resp: 297875
Ion Ratio Lower Upper
152 100
115 55.2 28.9 86.7
150 157.7 0.0 356.2

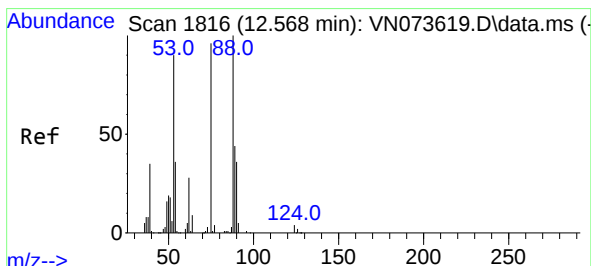
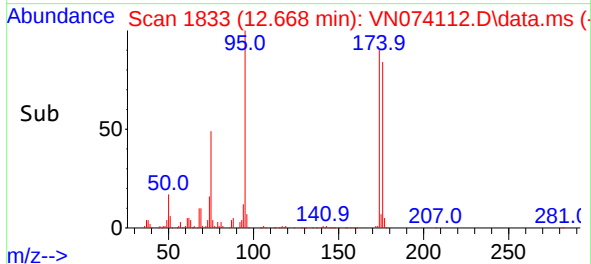
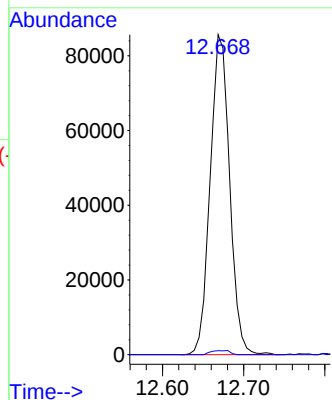
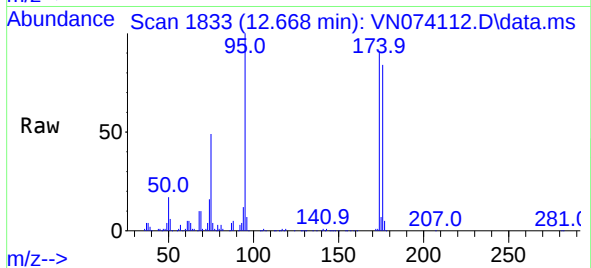




#76
1,2,3-Trichloropropane
Concen: 22.993 ug/l
RT: 12.668 min Scan# 1859
Delta R.T. -0.153 min
Lab File: VN074112.D
Acq: 25 Aug 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
MW-103D

Tgt Ion: 75 Resp: 142359
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.397 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.100 min
Lab File: VN074112.D
Acq: 25 Aug 2022 14:20

Tgt Ion: 75 Resp: 142359
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.1 37.2 55.8#

