

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062022\
 Data File : VN072954.D
 Acq On : 20 Jun 2022 12:15
 Operator : JC\MD
 Sample : N3357-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Jun 21 05:54:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	335928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	525669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	474502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	236283	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	191816	42.235	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.460%
35) Dibromofluoromethane	7.951	113	168395	51.828	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.660%
50) Toluene-d8	10.374	98	538697	44.557	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.120%
62) 4-Bromofluorobenzene	12.668	95	239332	55.052	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.100%

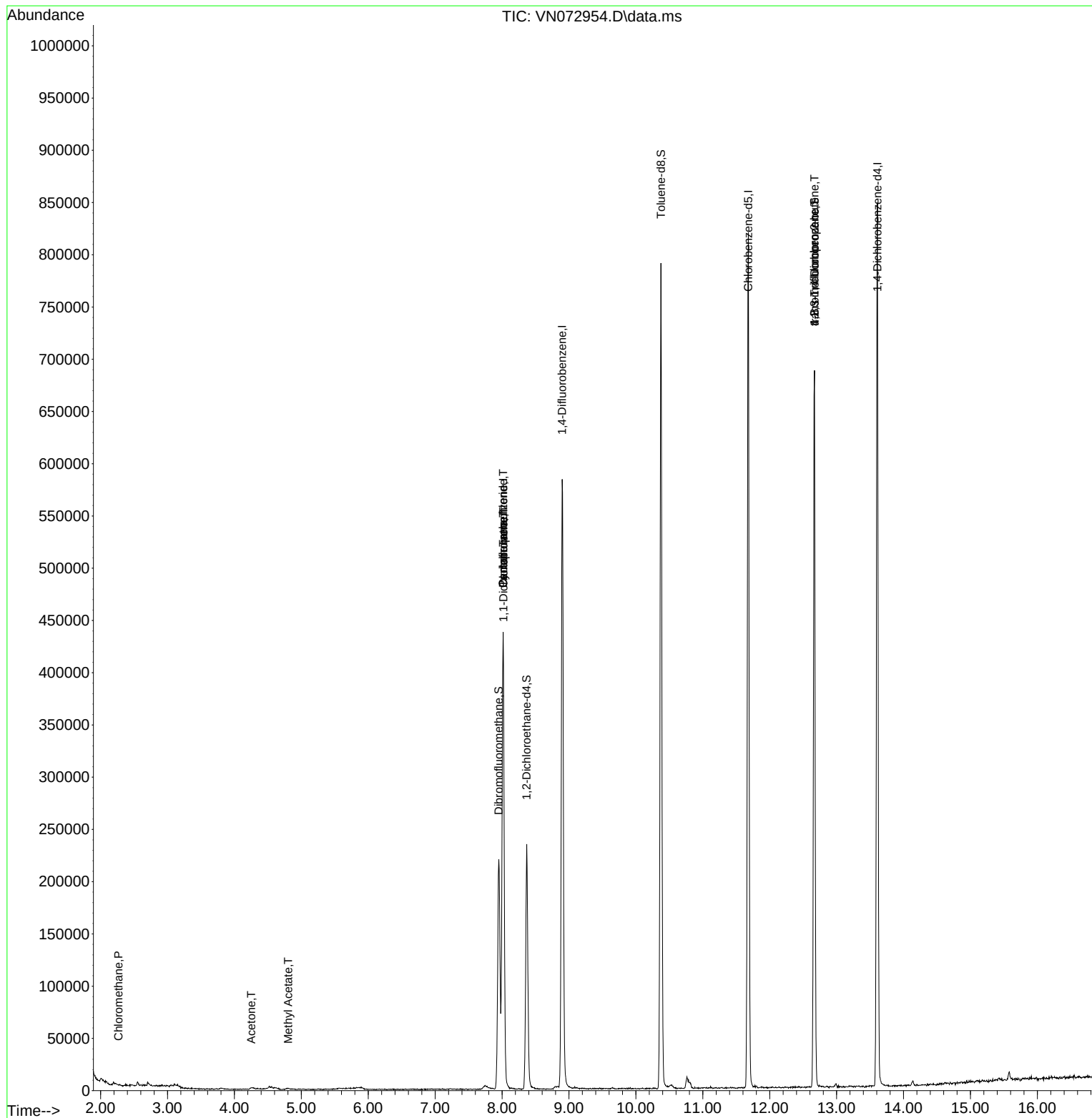
Target Compounds					Qvalue	
3) Chloromethane	2.269	50	531	0.722	ug/l #	74
16) Acetone	4.251	43	1555	0.623	ug/l	95
18) Methyl Acetate	4.804	43	3111	0.468	ug/l #	61
20) Methylene Chloride	5.016	84	78	Below Cal	#	10
31) Cyclohexane	8.016	56	7445	1.212	ug/l #	16
36) 1,1-Dichloropropene	8.022	75	25193	5.730	ug/l #	49
38) Carbon Tetrachloride	8.016	117	34371	7.433	ug/l #	16
76) 1,2,3-Trichloropropane	12.668	75	122985	21.468	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	122985	57.978	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.562	75	60	Below Cal	#	1

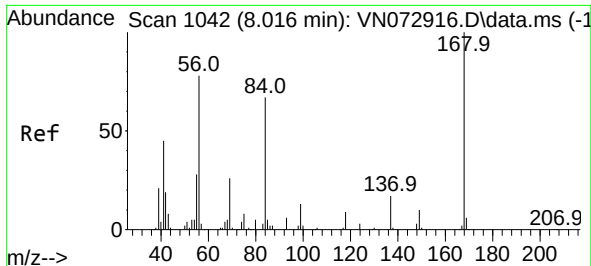
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 18 06:22:45 2022
Response via : Initial Calibration

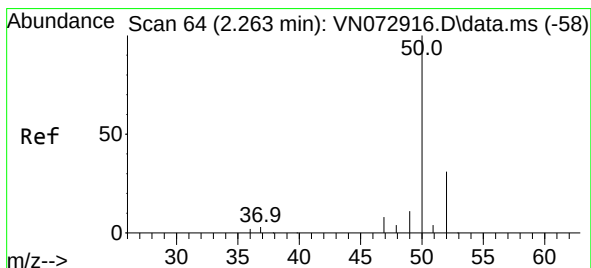
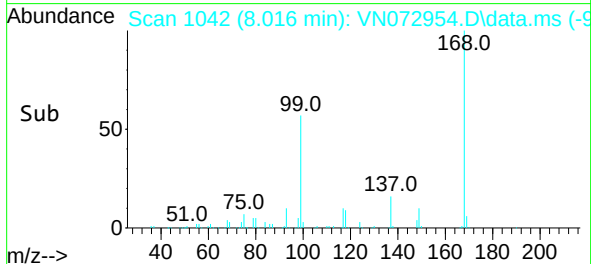
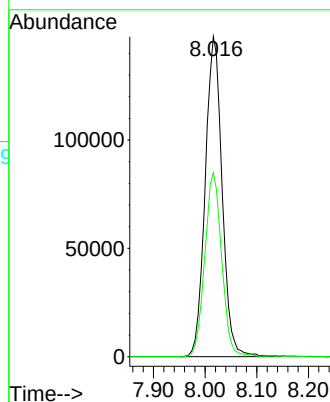
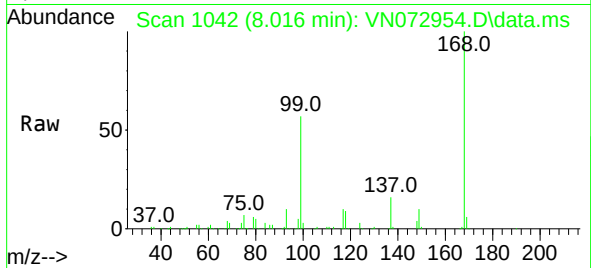




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072954.D
Acq: 20 Jun 2022 12:15

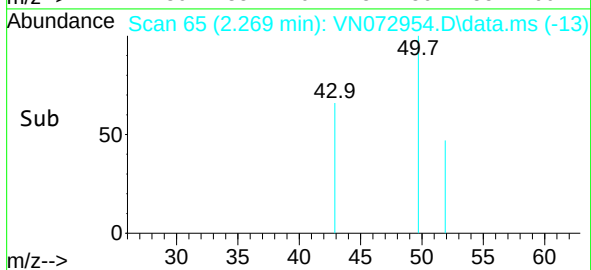
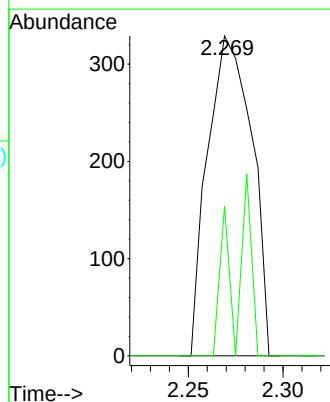
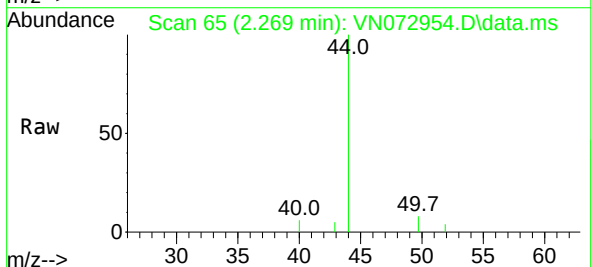
Instrument :
MSVOA_N
ClientSampleId :
MW-1

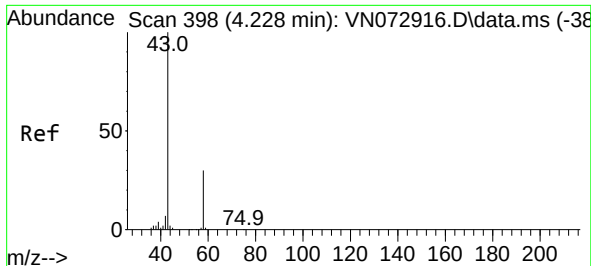
Tgt Ion:168 Resp: 335928
Ion Ratio Lower Upper
168 100
99 57.5 42.3 63.5



#3
Chloromethane
Concen: 0.722 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN072954.D
Acq: 20 Jun 2022 12:15

Tgt Ion: 50 Resp: 531
Ion Ratio Lower Upper
50 100
52 46.8 25.7 38.5#

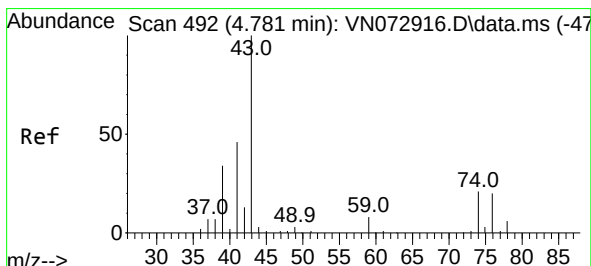
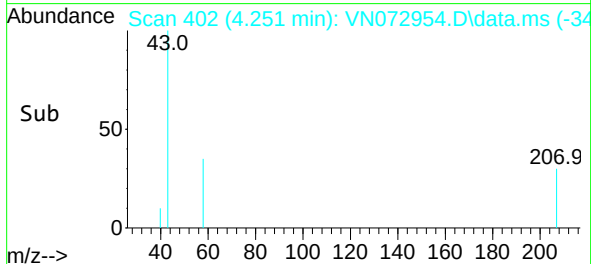
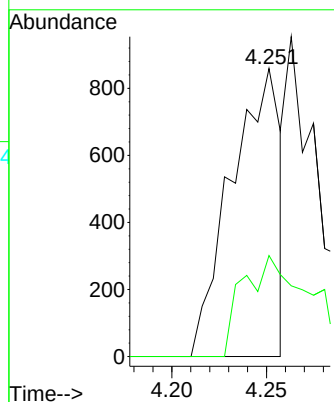
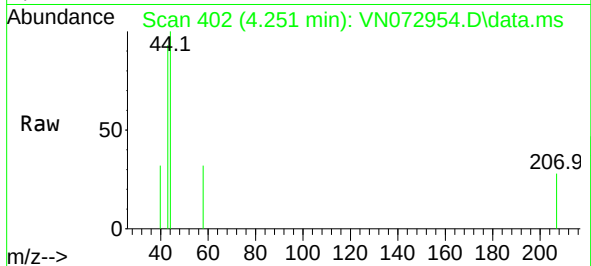




#16
Acetone
Concen: 0.623 ug/l
RT: 4.251 min Scan# 402
Delta R.T. 0.023 min
Lab File: VN072954.D
Acq: 20 Jun 2022 12:15

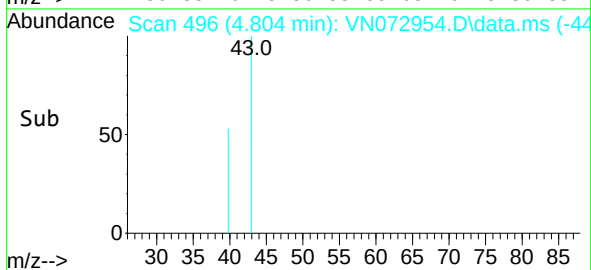
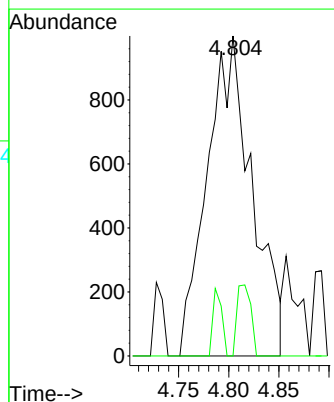
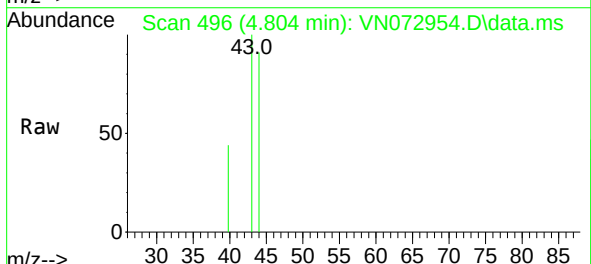
Instrument :
MSVOA_N
ClientSampleId :
MW-1

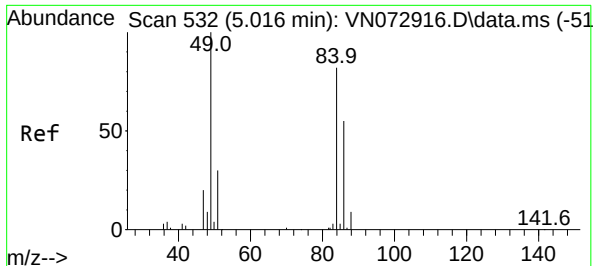
Tgt Ion: 43 Resp: 1555
Ion Ratio Lower Upper
43 100
58 35.0 26.0 39.0



#18
Methyl Acetate
Concen: 0.468 ug/l
RT: 4.804 min Scan# 496
Delta R.T. 0.023 min
Lab File: VN072954.D
Acq: 20 Jun 2022 12:15

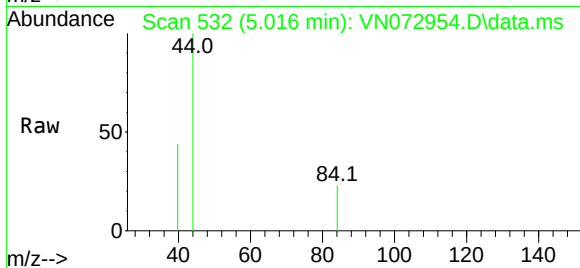
Tgt Ion: 43 Resp: 3111
Ion Ratio Lower Upper
43 100
74 6.8 21.6 32.4#



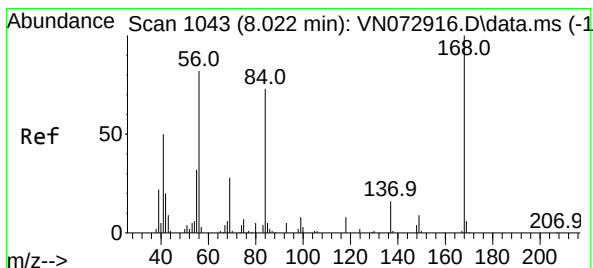
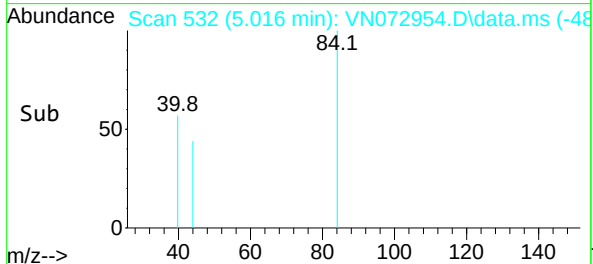
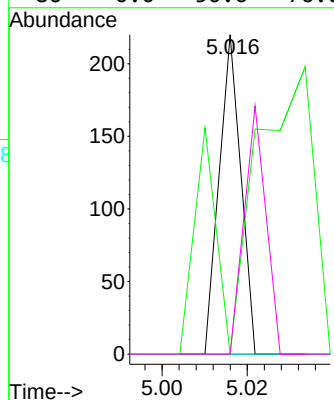


#20
Methylene Chloride
Concen: Below Cal
RT: 5.016 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072954.D
Acq: 20 Jun 2022 12:15

Instrument :
MSVOA_N
ClientSampleId :
MW-1

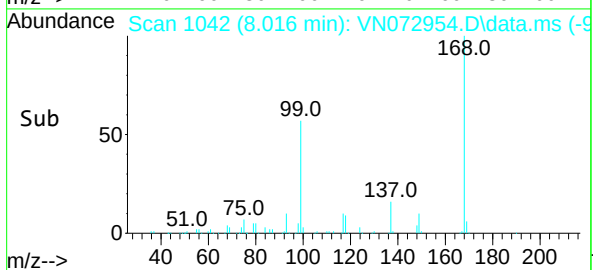
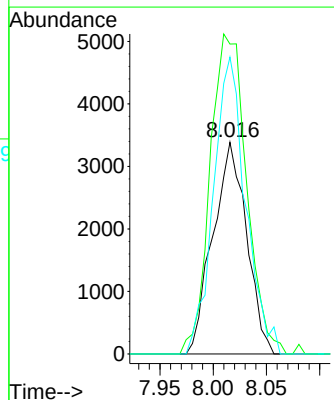
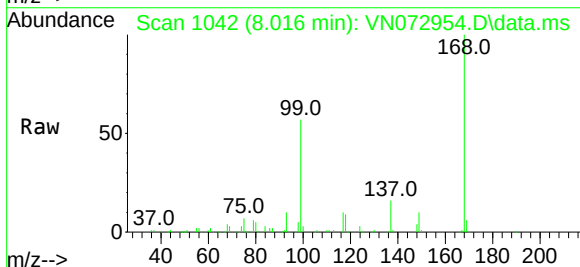


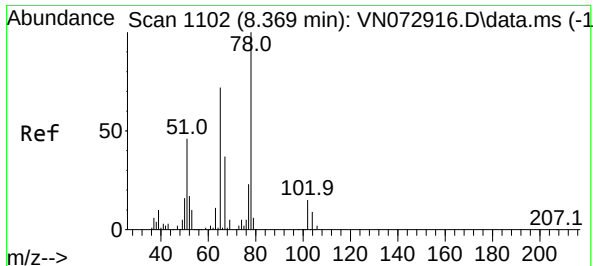
Tgt Ion:	84	Resp:	78
Ion	Ratio	Lower	Upper
84	100		
49	0.0	88.3	132.5#
51	0.0	28.2	42.2#
86	0.0	50.6	76.0#



#31
Cyclohexane
Concen: 1.212 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN072954.D
Acq: 20 Jun 2022 12:15

Tgt Ion:	56	Resp:	7445
Ion	Ratio	Lower	Upper
56	100		
69	146.5	27.8	41.8#
84	140.2	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 42.235 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN072954.D

Acq: 20 Jun 2022 12:15

Instrument :

MSVOA_N

ClientSampleId :

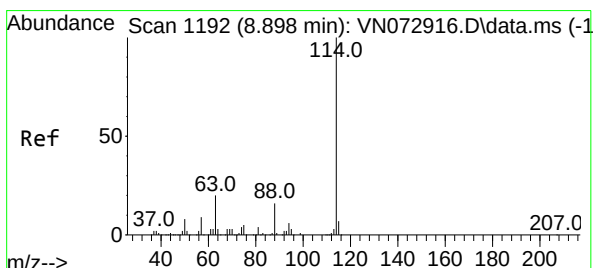
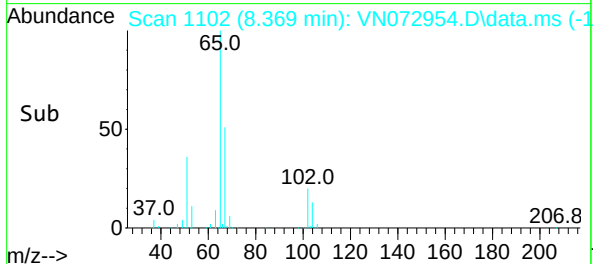
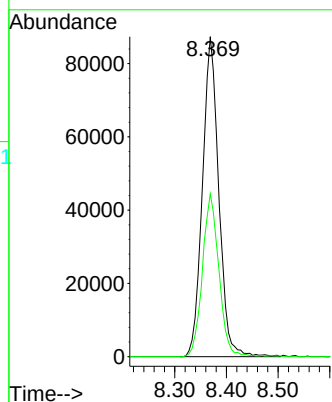
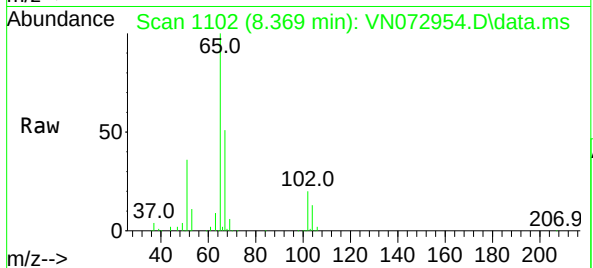
MW-1

Tgt Ion: 65 Resp: 191816

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VN072954.D

Acq: 20 Jun 2022 12:15

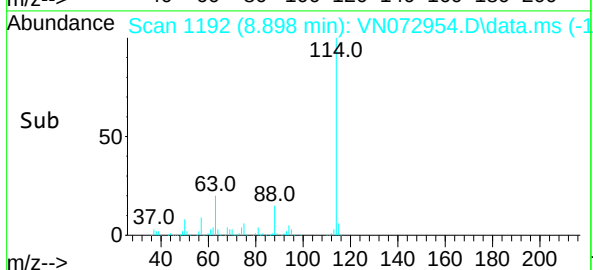
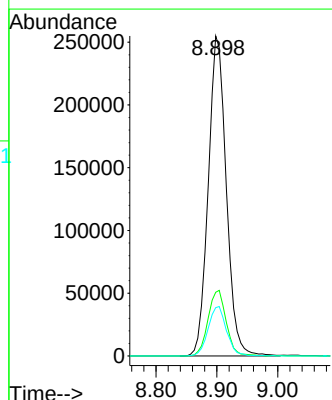
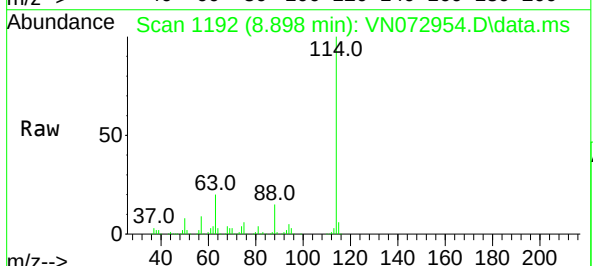
Tgt Ion: 114 Resp: 525669

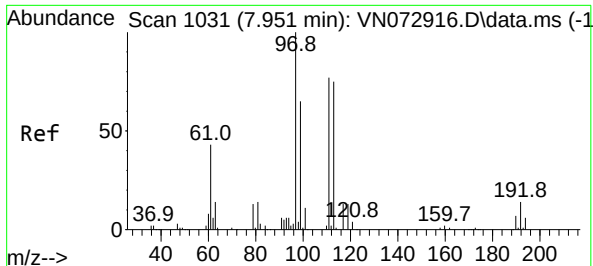
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.1 0.0 32.6

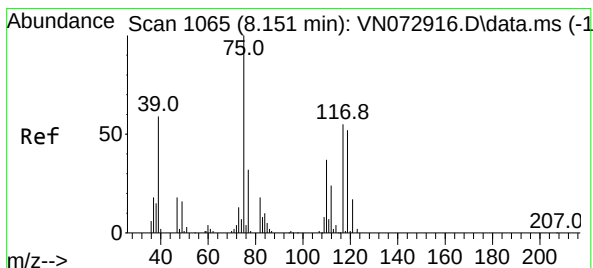
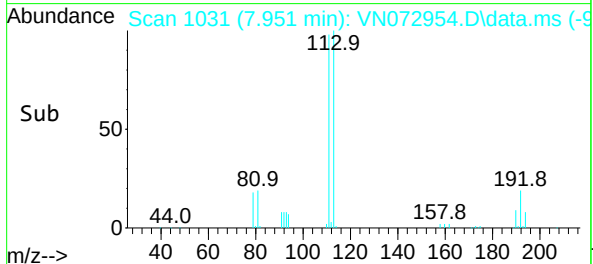
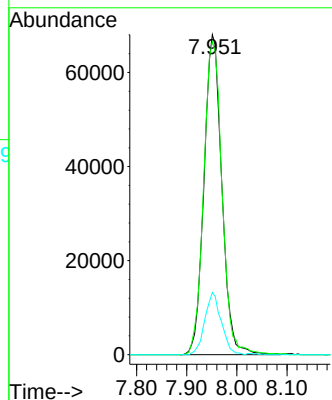
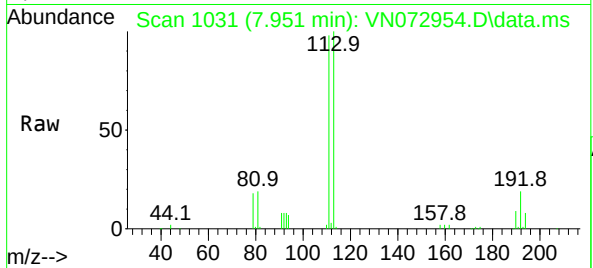




#35
Dibromofluoromethane
Concen: 51.828 ug/l
RT: 7.951 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN072954.D
Acq: 20 Jun 2022 12:15

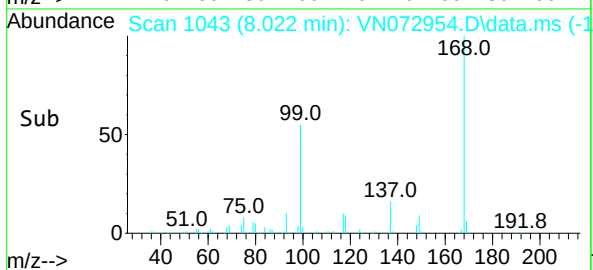
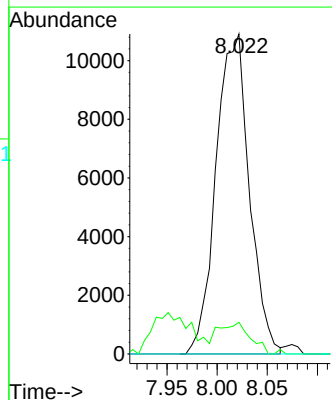
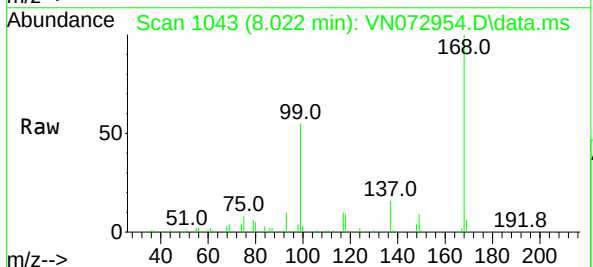
Instrument :
MSVOA_N
ClientSampleId :
MW-1

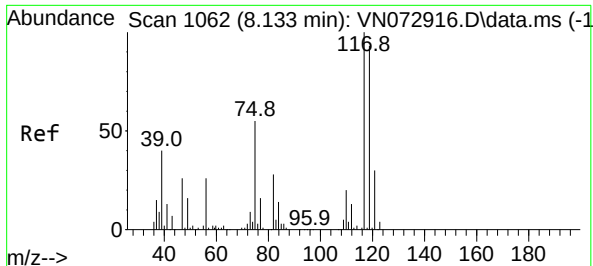
Tgt Ion:113 Resp: 168395
Ion Ratio Lower Upper
113 100
111 101.1 81.4 122.0
192 17.9 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.730 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.129 min
Lab File: VN072954.D
Acq: 20 Jun 2022 12:15

Tgt Ion: 75 Resp: 25193
Ion Ratio Lower Upper
75 100
110 9.5 18.3 54.8#
77 0.0 25.1 37.7#

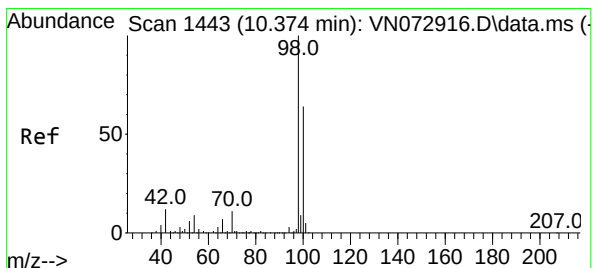
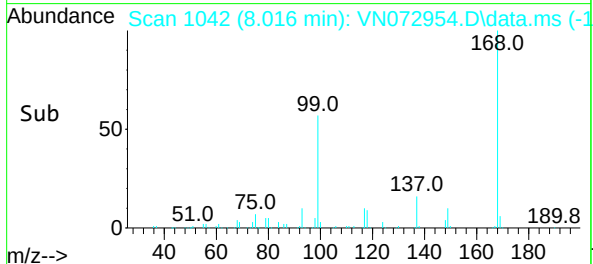
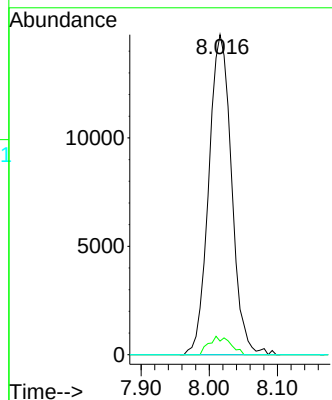
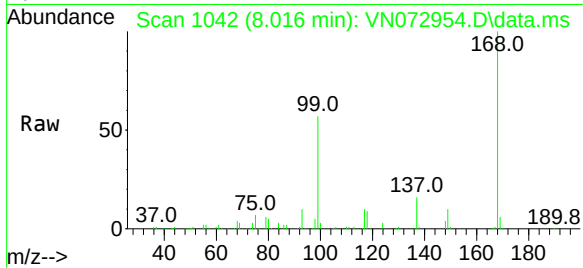




#38
Carbon Tetrachloride
Concen: 7.433 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.118 min
Lab File: VN072954.D
Acq: 20 Jun 2022 12:15

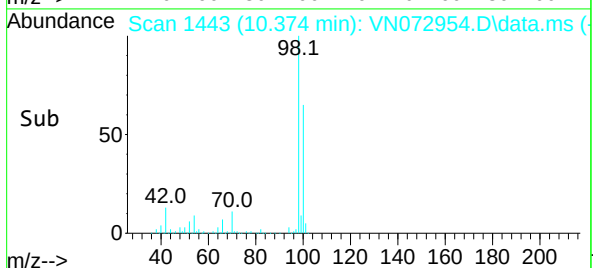
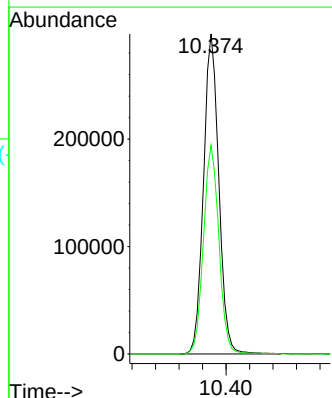
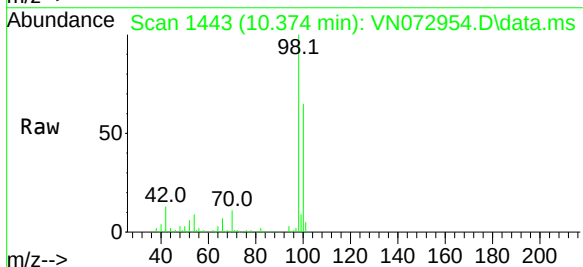
Instrument :
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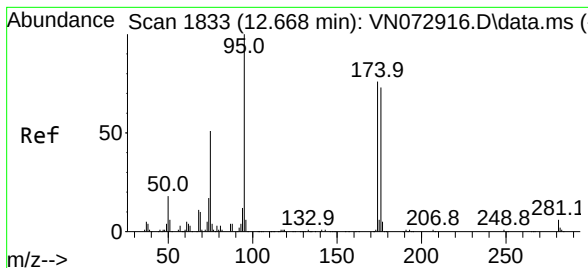
Tgt Ion:117 Resp: 34371
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.557 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN072954.D
Acq: 20 Jun 2022 12:15

Tgt Ion: 98 Resp: 538697
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8

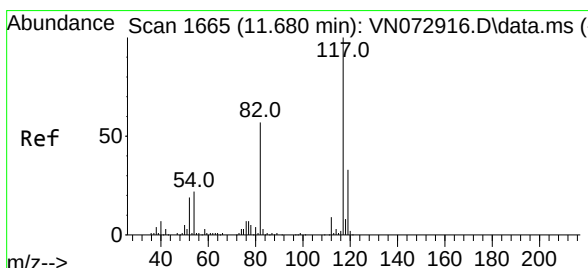
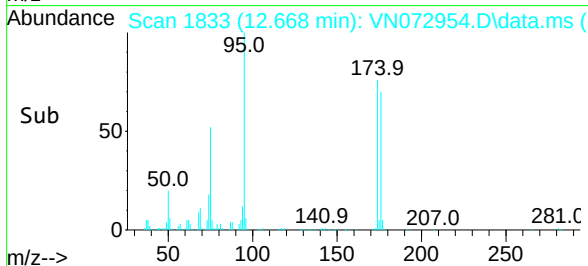
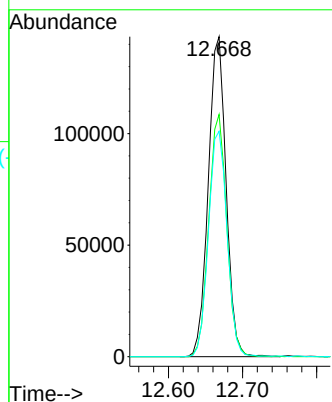
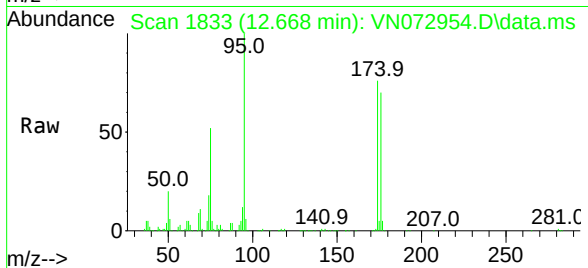




#62
4-Bromofluorobenzene
Concen: 55.052 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN072954.D
Acq: 20 Jun 2022 12:15

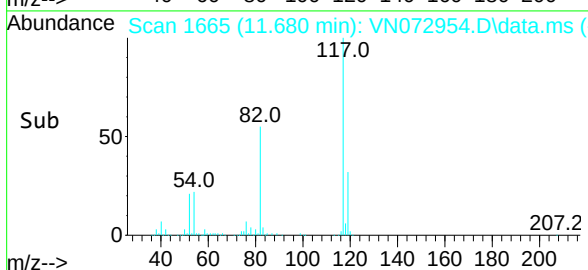
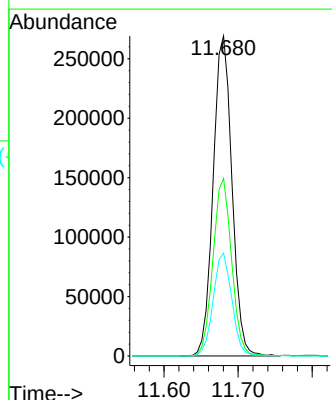
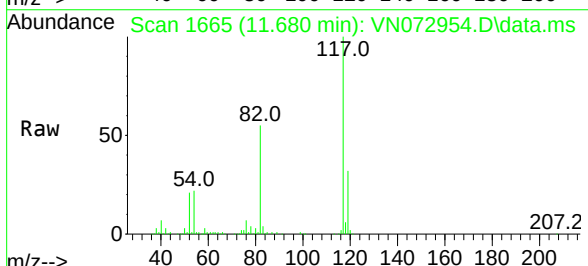
Instrument :
MSVOA_N
ClientSampleId :
MW-1

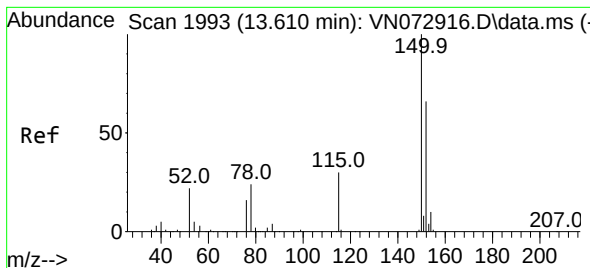
Tgt Ion: 95 Resp: 239332
Ion Ratio Lower Upper
95 100
174 76.6 0.0 167.6
176 73.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VN072954.D
Acq: 20 Jun 2022 12:15

Tgt Ion: 117 Resp: 474502
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 32.2 25.4 38.0

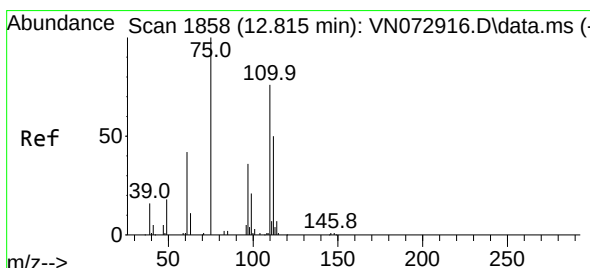
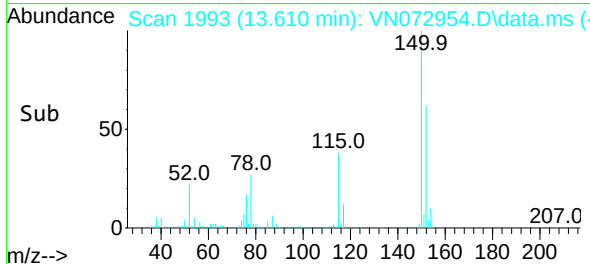
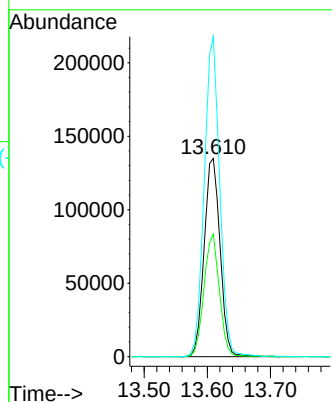
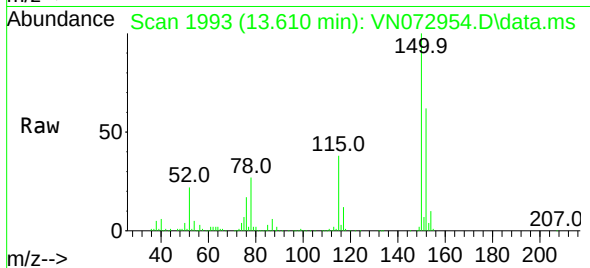




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN072954.D
 Acq: 20 Jun 2022 12:15

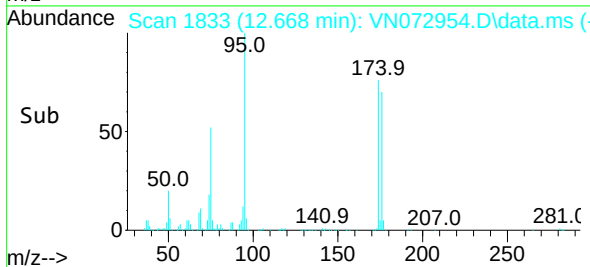
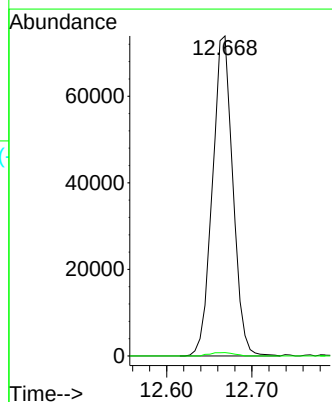
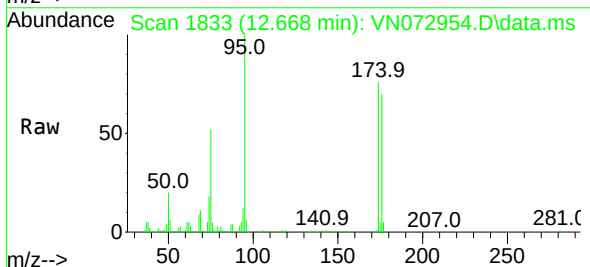
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

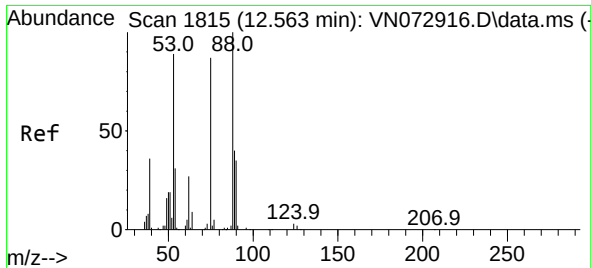
Tgt Ion:152 Resp: 236283
 Ion Ratio Lower Upper
 152 100
 115 59.7 28.9 86.7
 150 156.3 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 21.468 ug/l
 RT: 12.668 min Scan# 1833
 Delta R.T. -0.147 min
 Lab File: VN072954.D
 Acq: 20 Jun 2022 12:15

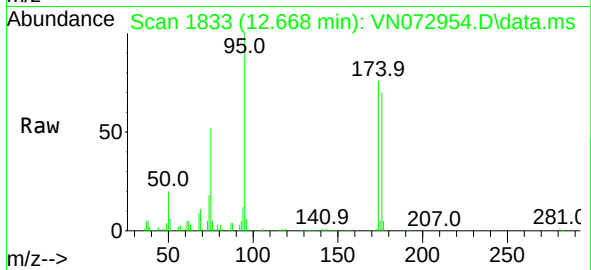
Tgt Ion: 75 Resp: 122985
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.978 ug/l
 RT: 12.668 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN072954.D
 Acq: 20 Jun 2022 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1



Tgt Ion: 75 Resp: 122985
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

