

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073983.D
 Acq On : 17 Aug 2022 18:00
 Operator : JC\MD
 Sample : N4229-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-106I

Quant Time: Aug 18 00:48:42 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)

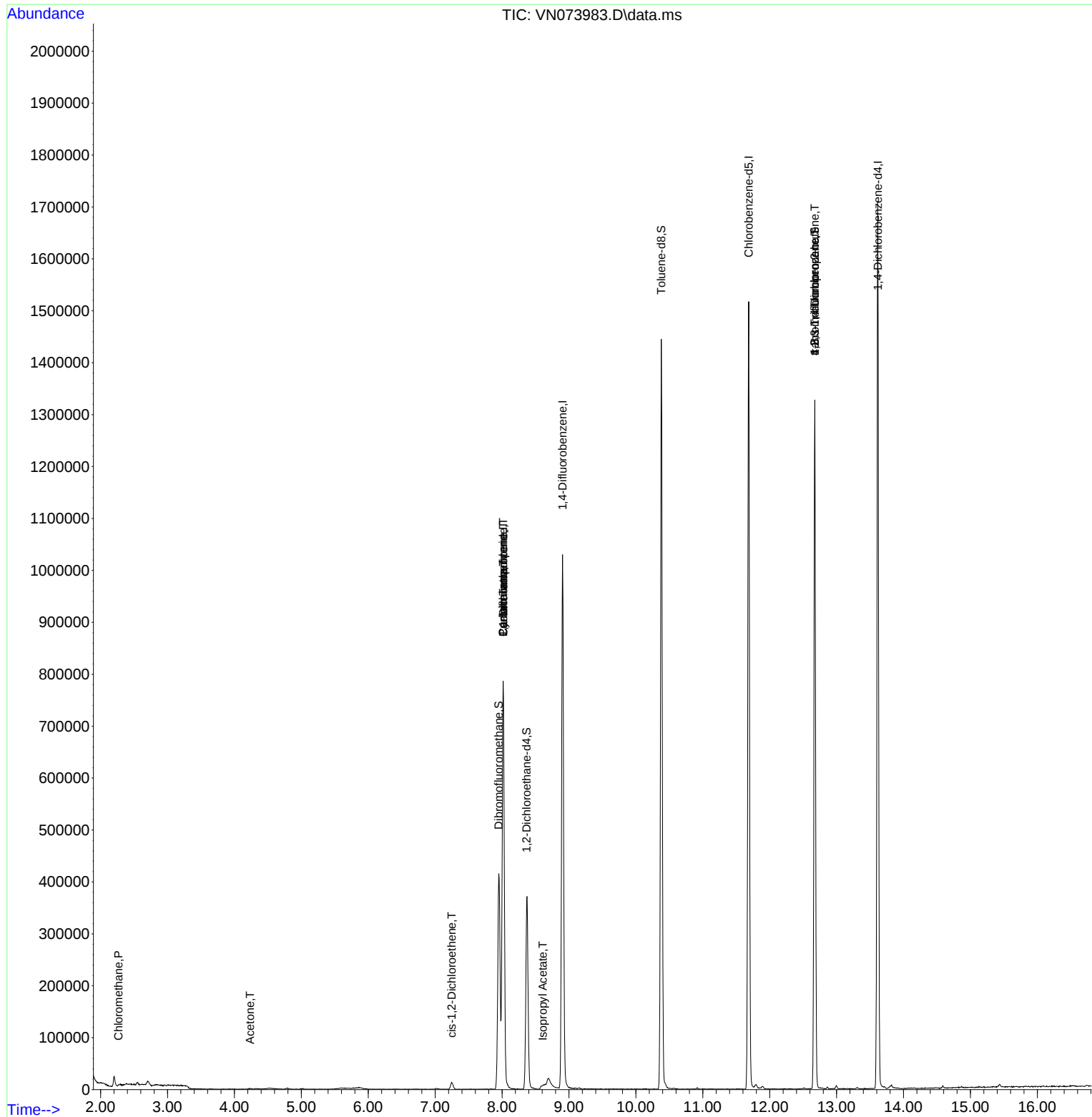
Internal Standards						
1) Pentafluorobenzene	8.016	168	668296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	977008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	935451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	509775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	319647	49.107	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.220%
35) Dibromofluoromethane	7.951	113	307718	53.258	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.520%
50) Toluene-d8	10.380	98	1025164	45.812	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.620%
62) 4-Bromofluorobenzene	12.674	95	435689	58.666	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.340%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	1201	0.204	ug/l	93
16) Acetone	4.234	43	2176	0.709	ug/l	92
18) Methyl Acetate	4.781	43	3877	Below Cal	#	89
27) cis-1,2-Dichloroethene	7.245	96	8770	1.223	ug/l	82
31) Cyclohexane	8.016	56	10555	1.163	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	41226	5.137	ug/l #	48
38) Carbon Tetrachloride	8.016	117	57904	6.312	ug/l #	17
43) Isopropyl Acetate	8.610	43	7663	0.553	ug/l #	53
76) 1,2,3-Trichloropropane	12.674	75	217928	20.568	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	217928	58.498	ug/l #	10

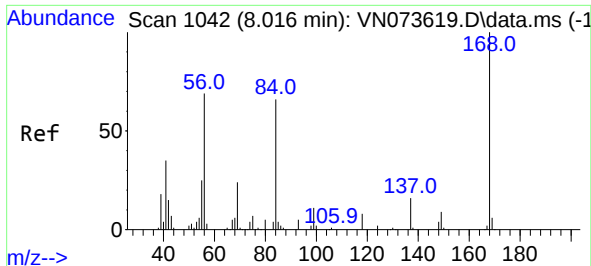
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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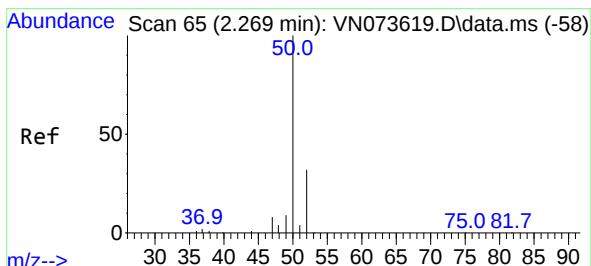
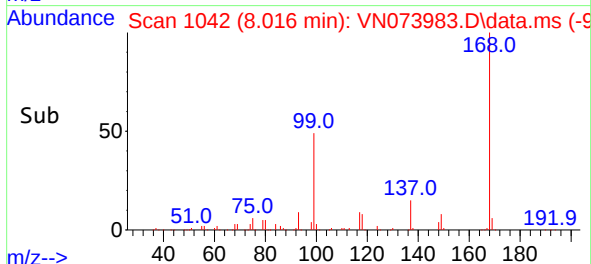
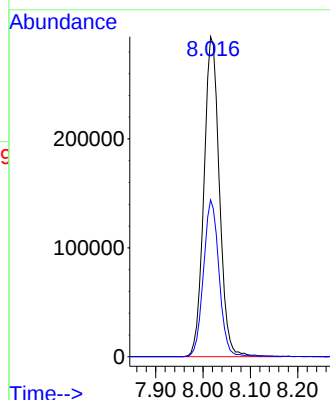
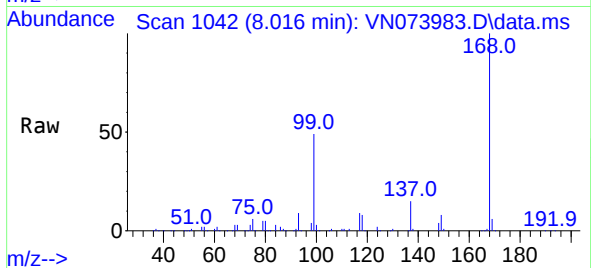




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073983.D
Acq: 17 Aug 2022 18:00

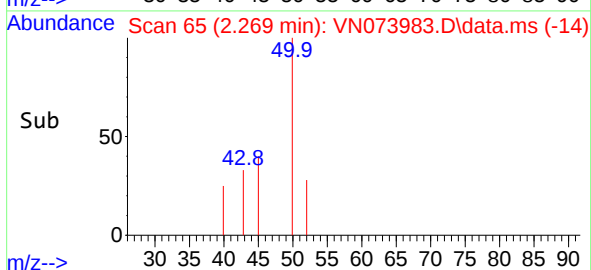
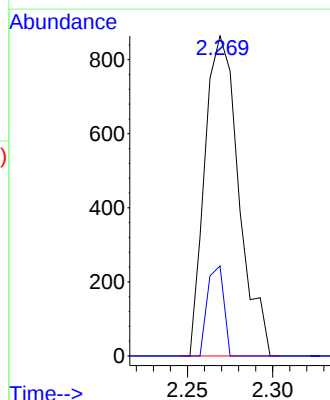
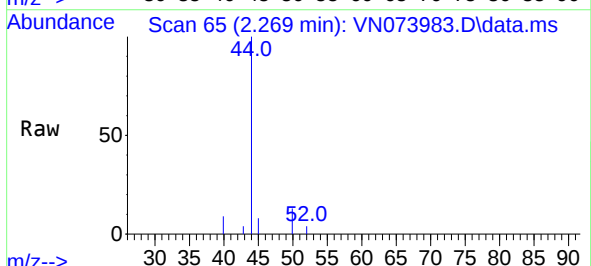
Instrument :
MSVOA_N
ClientSampleId :
MW-106I

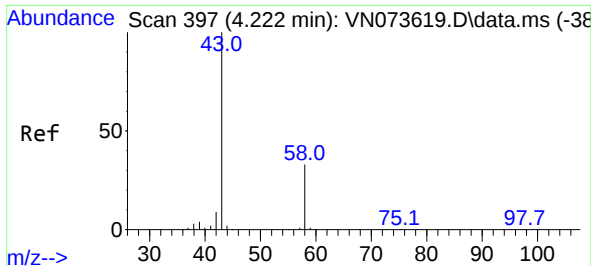
Tgt Ion:168 Resp: 668296
Ion Ratio Lower Upper
168 100
99 49.0 42.3 63.5



#3
Chloromethane
Concen: 0.204 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073983.D
Acq: 17 Aug 2022 18:00

Tgt Ion: 50 Resp: 1201
Ion Ratio Lower Upper
50 100
52 28.1 25.7 38.5

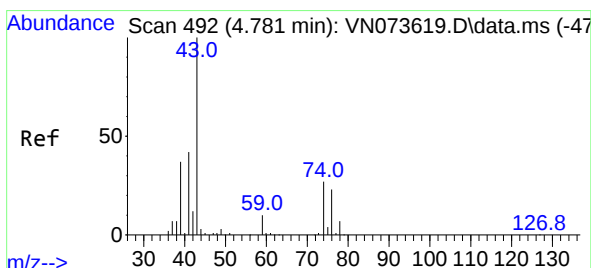
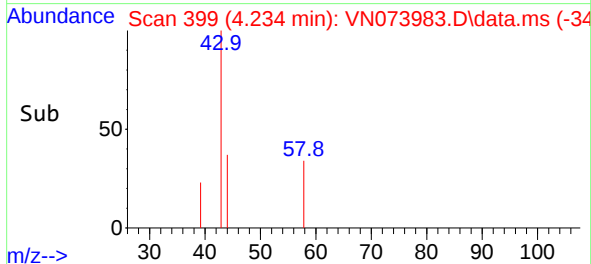
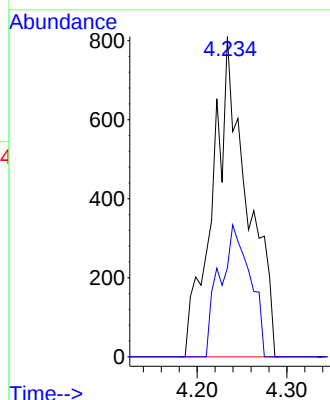
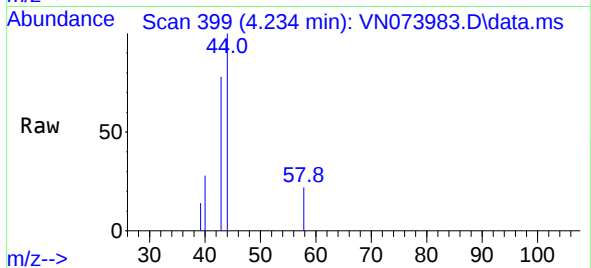




#16
Acetone
Concen: 0.709 ug/l
RT: 4.234 min Scan# 397
Delta R.T. 0.012 min
Lab File: VN073983.D
Acq: 17 Aug 2022 18:00

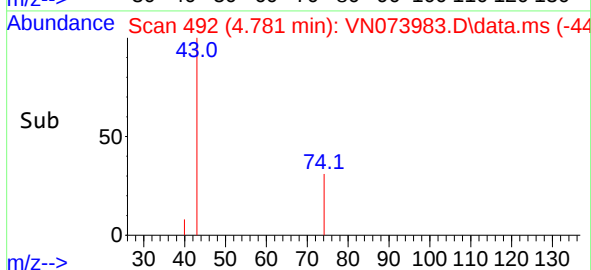
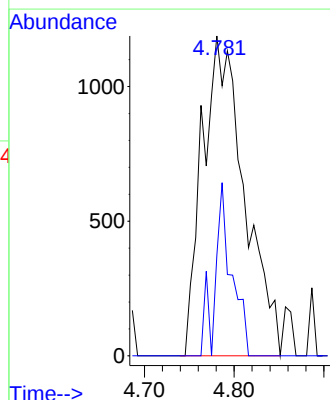
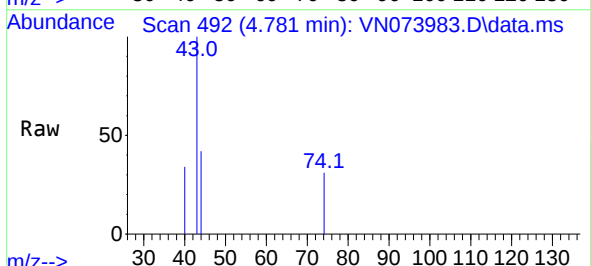
Instrument :
MSVOA_N
ClientSampleId :
MW-106I

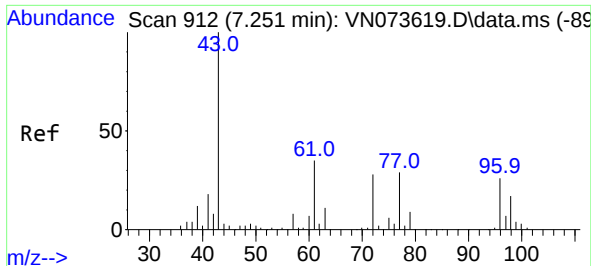
Tgt Ion: 43 Resp: 2176
Ion Ratio Lower Upper
43 100
58 27.8 26.0 39.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.781 min Scan# 492
Delta R.T. -0.000 min
Lab File: VN073983.D
Acq: 17 Aug 2022 18:00

Tgt Ion: 43 Resp: 3877
Ion Ratio Lower Upper
43 100
74 21.4 21.6 32.4#

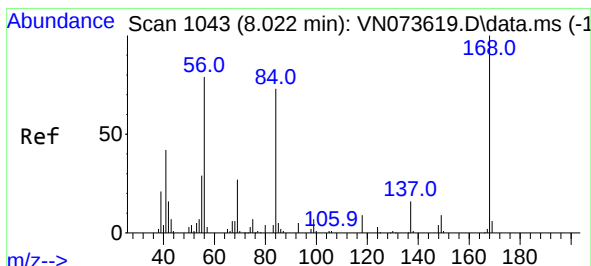
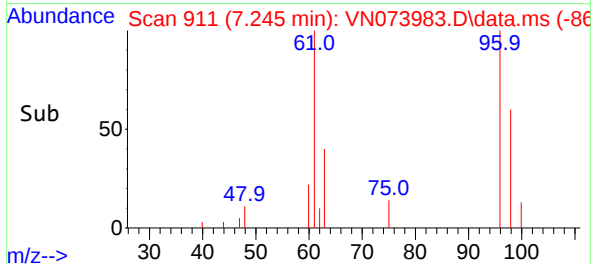
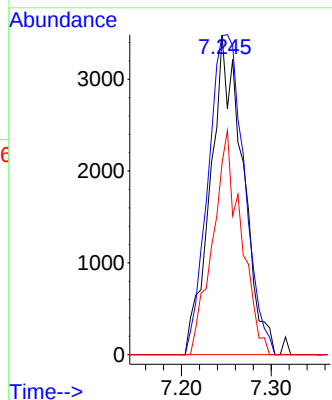
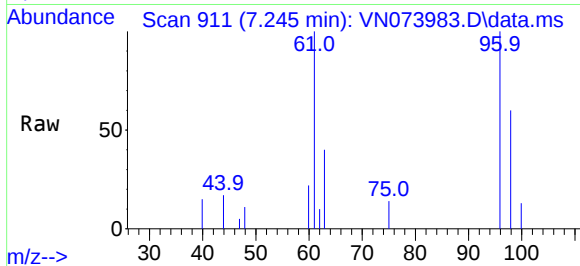




#27
cis-1,2-Dichloroethene
Concen: 1.223 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073983.D
Acq: 17 Aug 2022 18:00

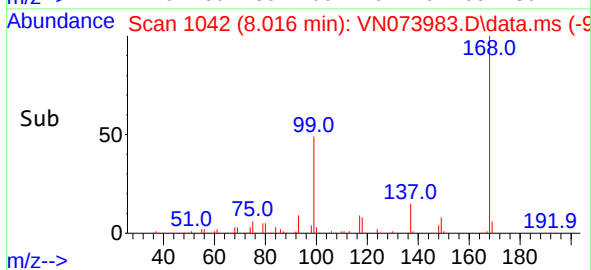
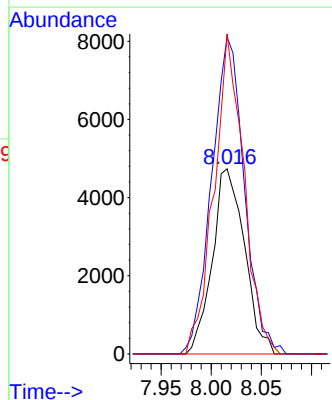
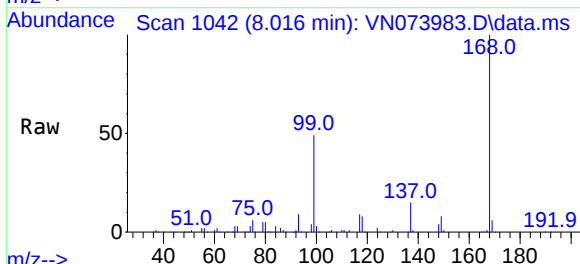
Instrument :
MSVOA_N
ClientSampleId :
MW-106I

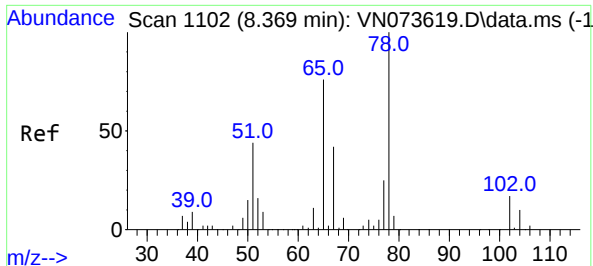
Tgt Ion: 96 Resp: 8770
Ion Ratio Lower Upper
96 100
61 111.0 0.0 280.6
98 60.9 0.0 128.4



#31
Cyclohexane
Concen: 1.163 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073983.D
Acq: 17 Aug 2022 18:00

Tgt Ion: 56 Resp: 10555
Ion Ratio Lower Upper
56 100
69 171.2 27.8 41.8#
84 172.8 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 49.107 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073983.D

Acq: 17 Aug 2022 18:00

Instrument :

MSVOA_N

ClientSampleId :

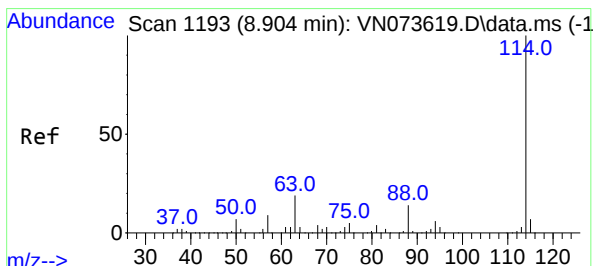
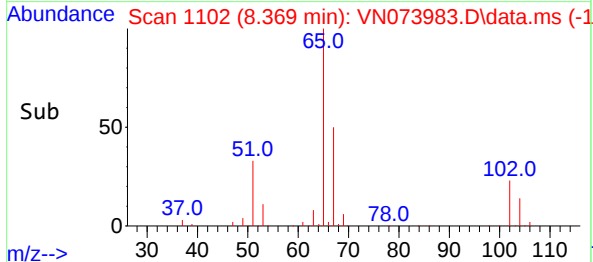
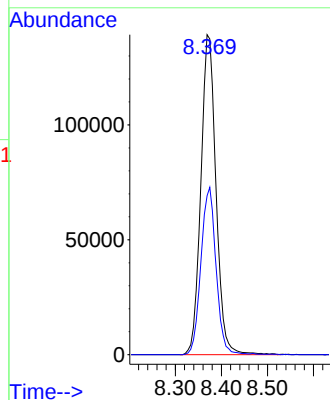
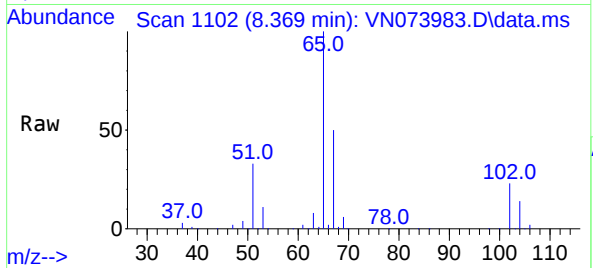
MW-106I

Tgt Ion: 65 Resp: 319647

Ion Ratio Lower Upper

65 100

67 52.0 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: VN073983.D

Acq: 17 Aug 2022 18:00

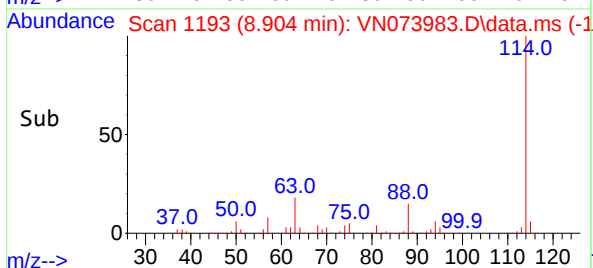
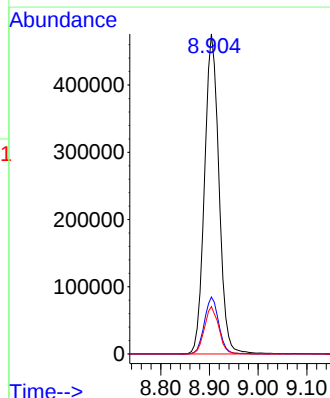
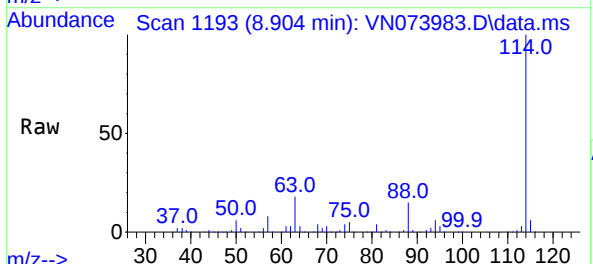
Tgt Ion: 114 Resp: 977008

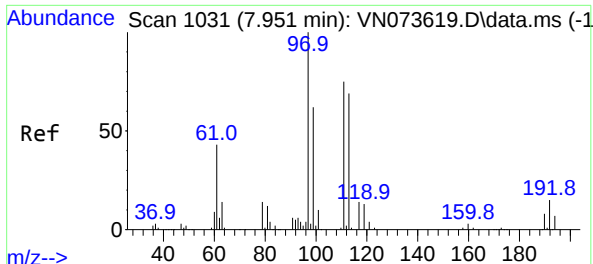
Ion Ratio Lower Upper

114 100

63 17.8 0.0 40.0

88 14.8 0.0 32.6

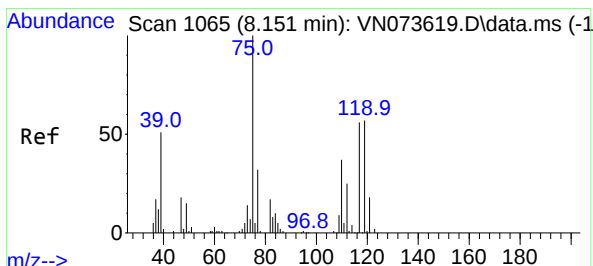
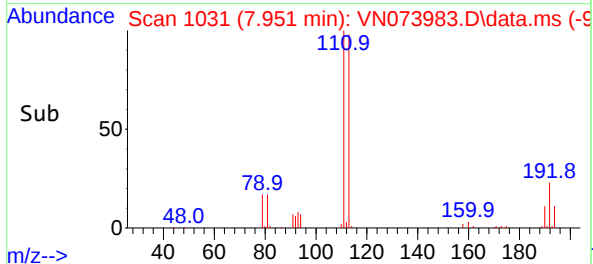
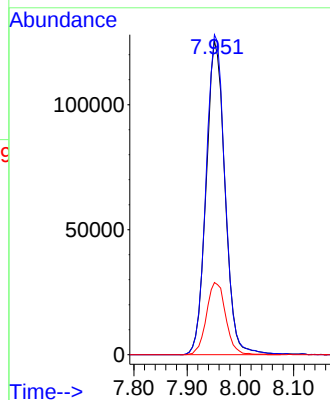
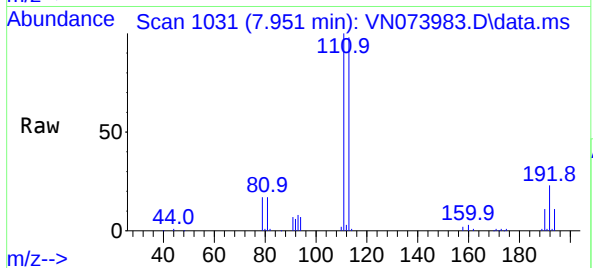




#35
Dibromofluoromethane
Concen: 53.258 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073983.D
Acq: 17 Aug 2022 18:00

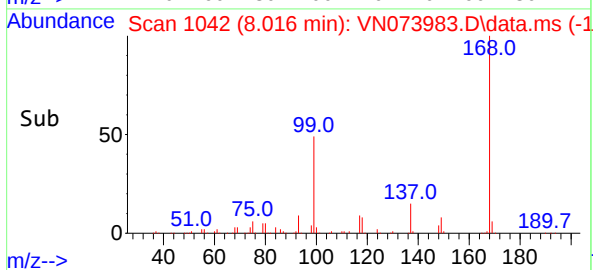
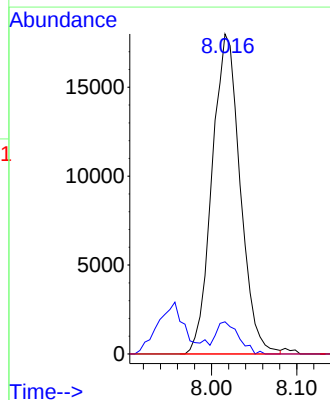
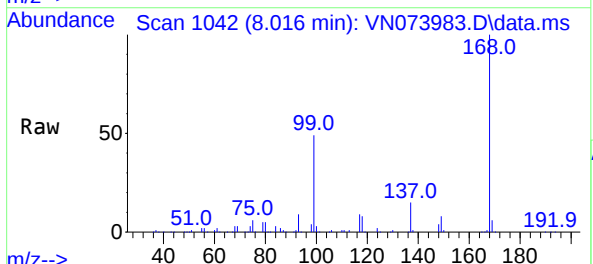
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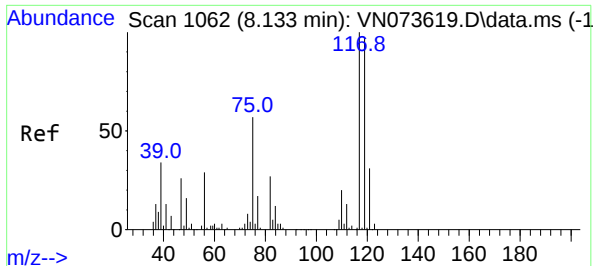
Tgt Ion:113 Resp: 307718
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 23.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.137 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN073983.D
Acq: 17 Aug 2022 18:00

Tgt Ion: 75 Resp: 41226
Ion Ratio Lower Upper
75 100
110 8.1 18.3 54.8#
77 0.0 25.1 37.7#

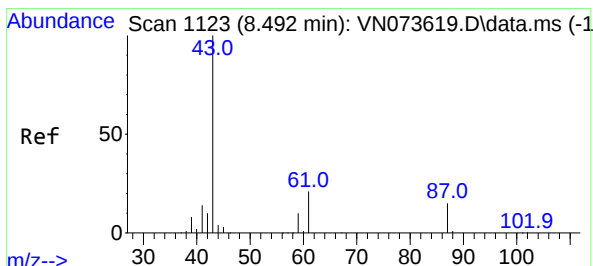
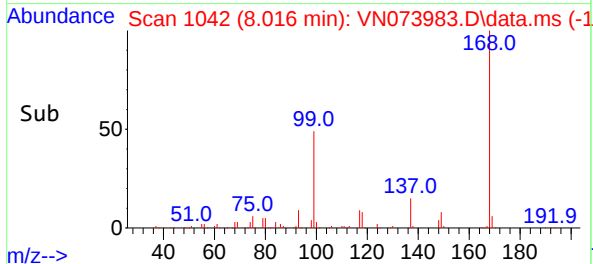
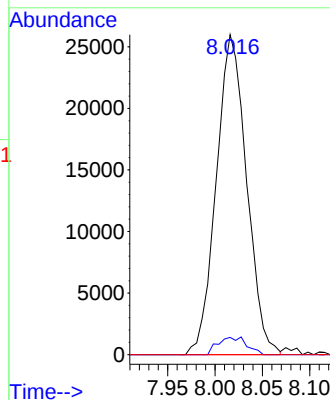
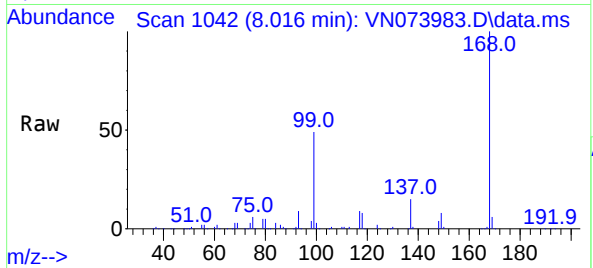




#38
Carbon Tetrachloride
Concen: 6.312 ug/l
RT: 8.016 min Scan# 110
Delta R.T. -0.117 min
Lab File: VN073983.D
Acq: 17 Aug 2022 18:00

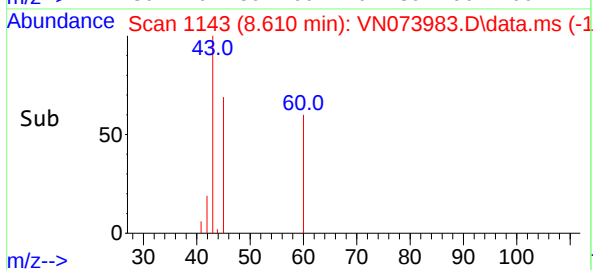
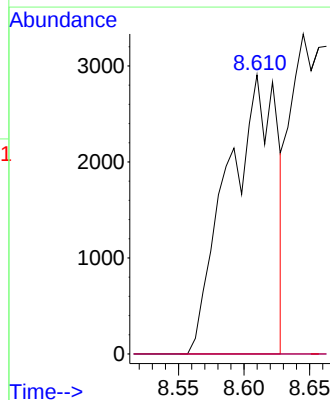
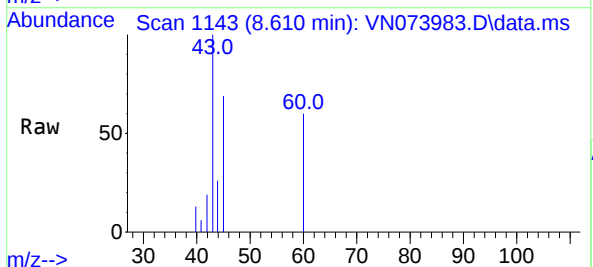
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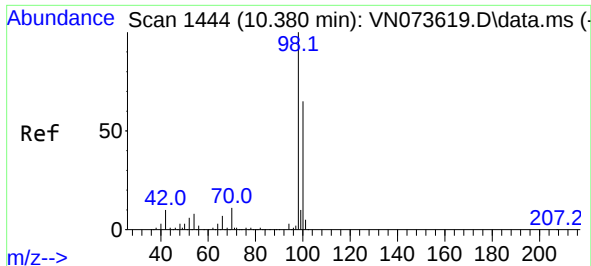
Tgt Ion:117 Resp: 57904
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.553 ug/l
RT: 8.610 min Scan# 1143
Delta R.T. 0.118 min
Lab File: VN073983.D
Acq: 17 Aug 2022 18:00

Tgt Ion: 43 Resp: 7663
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

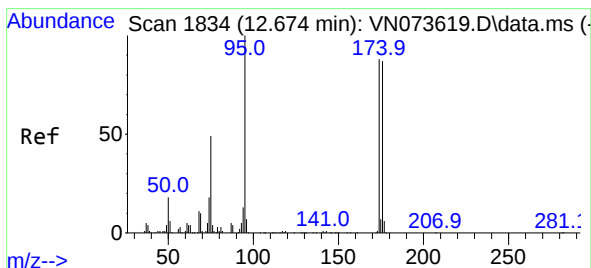
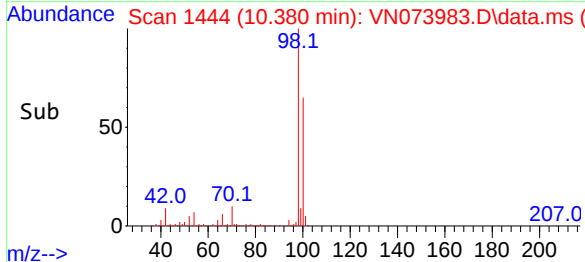
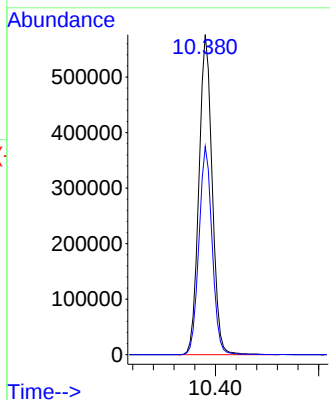
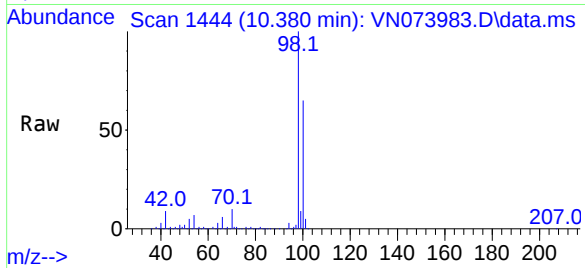




#50
Toluene-d8
Concen: 45.812 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073983.D
Acq: 17 Aug 2022 18:00

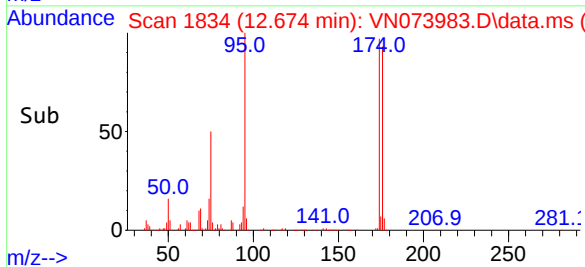
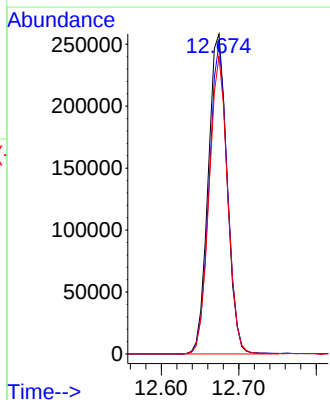
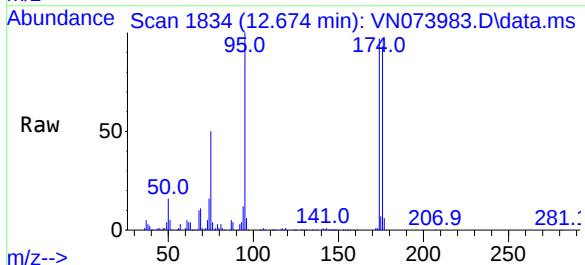
Instrument :
MSVOA_N
ClientSampleId :
MW-106I

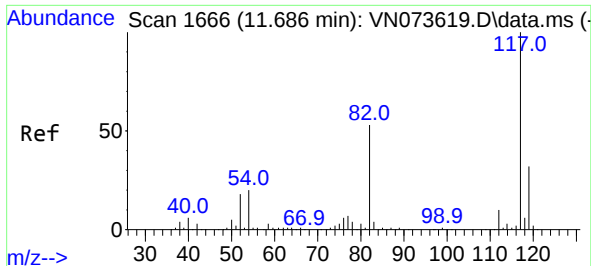
Tgt Ion: 98 Resp: 1025164
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 58.666 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073983.D
Acq: 17 Aug 2022 18:00

Tgt Ion: 95 Resp: 435689
Ion Ratio Lower Upper
95 100
174 94.7 0.0 167.6
176 91.0 0.0 163.4

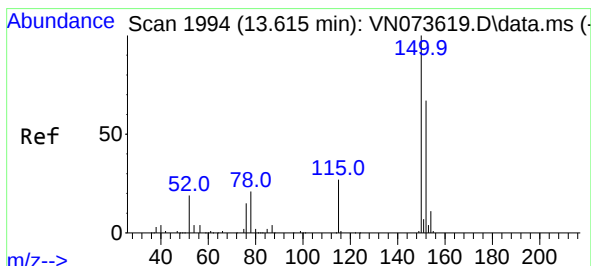
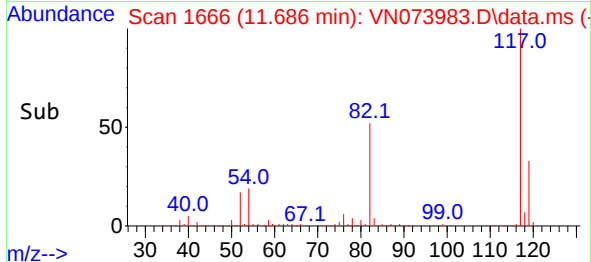
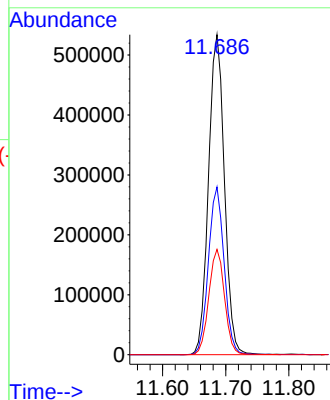
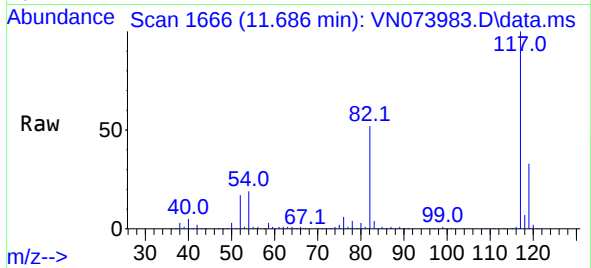




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073983.D
Acq: 17 Aug 2022 18:00

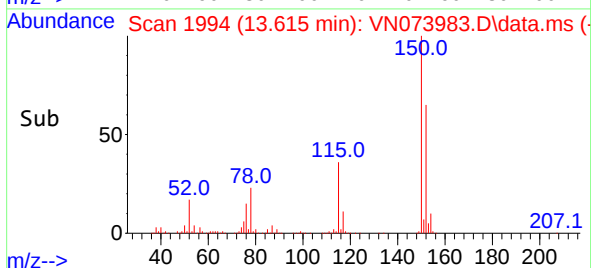
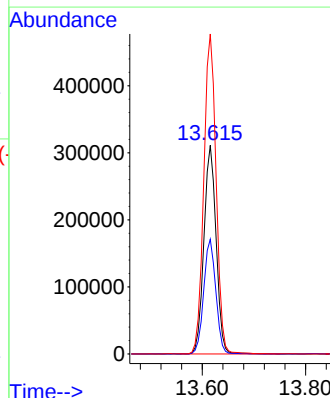
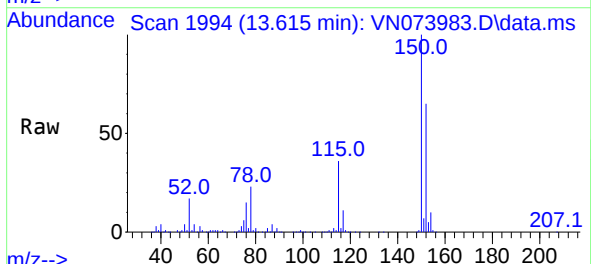
Instrument :
MSVOA_N
ClientSampleId :
MW-106I

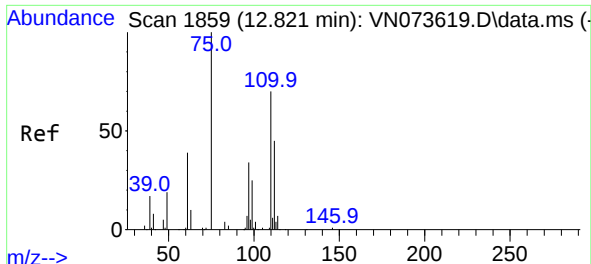
Tgt Ion:117 Resp: 935451
Ion Ratio Lower Upper
117 100
82 52.4 44.2 66.2
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073983.D
Acq: 17 Aug 2022 18:00

Tgt Ion:152 Resp: 509775
Ion Ratio Lower Upper
152 100
115 54.6 28.9 86.7
150 155.1 0.0 356.2

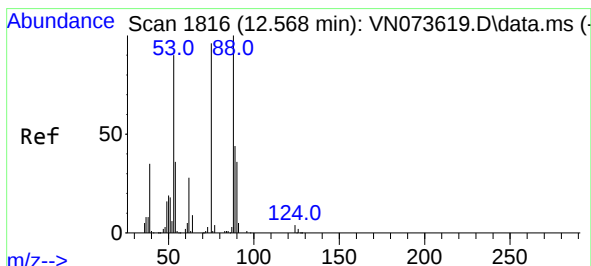
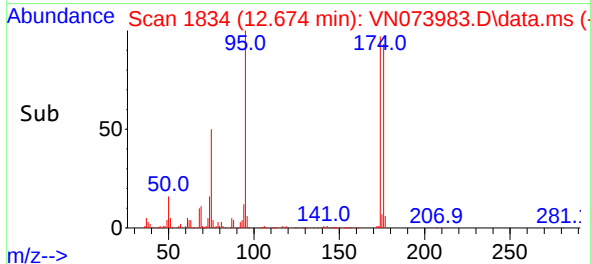
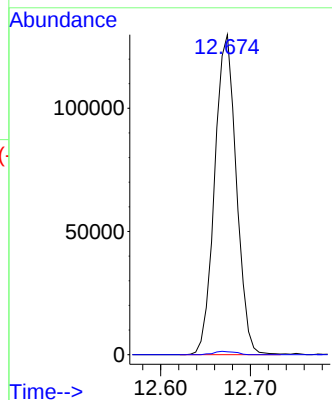
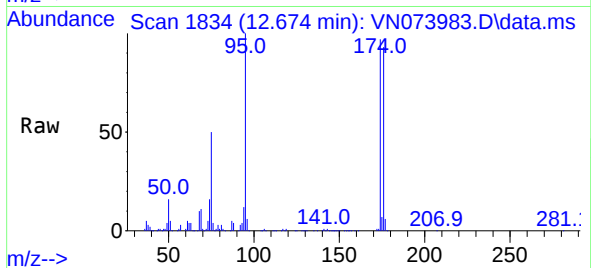




#76
1,2,3-Trichloropropane
Concen: 20.568 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073983.D
Acq: 17 Aug 2022 18:00

Instrument :
MSVOA_N
ClientSampleId :
MW-106I

Tgt Ion: 75 Resp: 217928
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.498 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073983.D
Acq: 17 Aug 2022 18:00

Tgt Ion: 75 Resp: 217928
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

