

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073972.D
 Acq On : 17 Aug 2022 13:31
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 00:43:56 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)

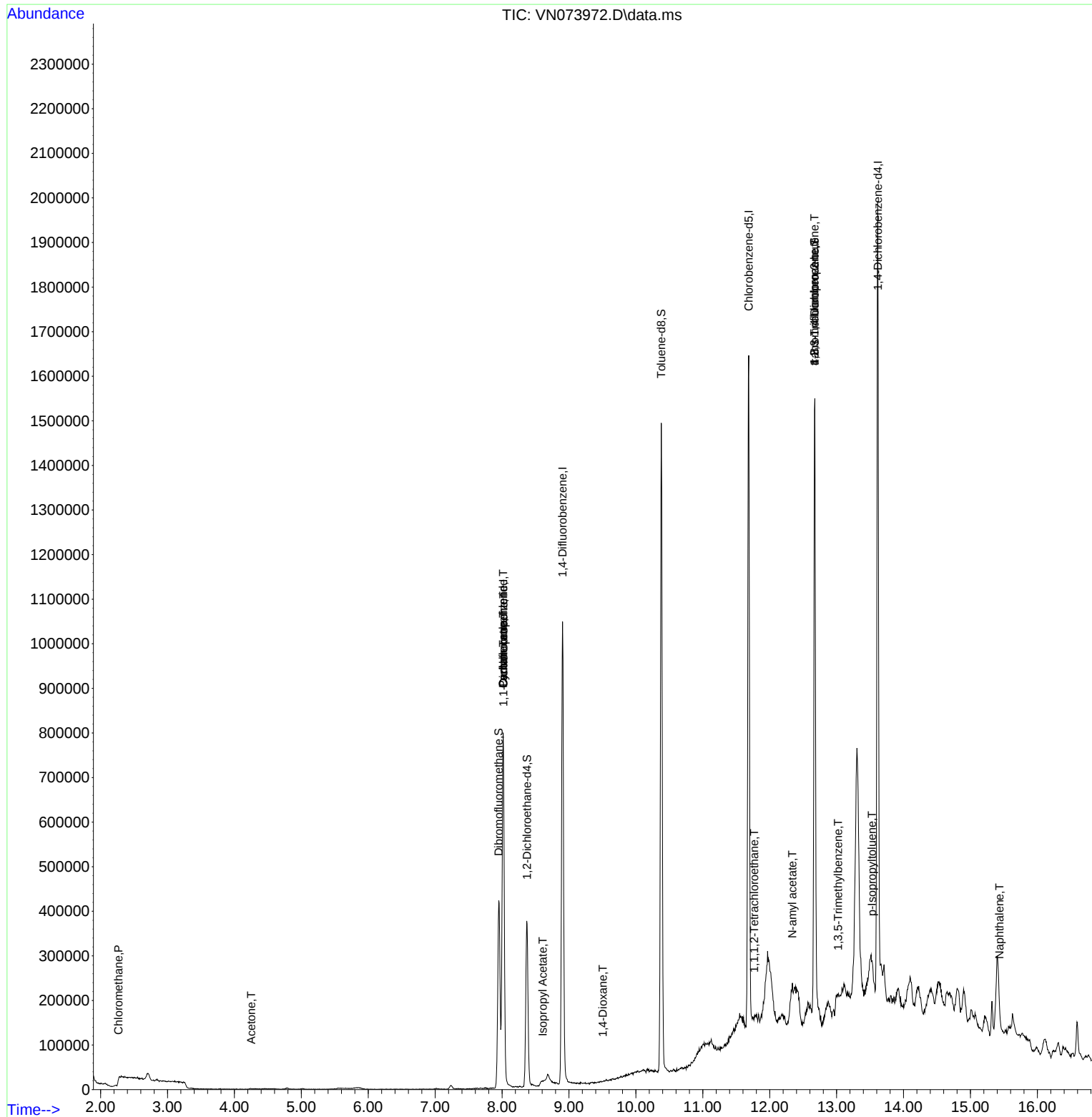
Internal Standards						
1) Pentafluorobenzene	8.016	168	677903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	996362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	963720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	536184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	318679	48.265	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.520%
35) Dibromofluoromethane	7.951	113	307239	52.142	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.280%
50) Toluene-d8	10.380	98	1068050	46.802	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.600%
62) 4-Bromofluorobenzene	12.669	95	462402	61.053	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	122.100%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	1239	0.207	ug/l #	76
16) Acetone	4.251	43	2567	0.824	ug/l #	42
18) Methyl Acetate	4.787	43	5834	Below Cal	#	73
31) Cyclohexane	8.016	56	10817	1.175	ug/l #	1
36) 1,1-Dichloropropene	8.022	75	42265	5.164	ug/l #	49
38) Carbon Tetrachloride	8.016	117	60866	6.506	ug/l #	16
43) Isopropyl Acetate	8.610	43	12218	0.865	ug/l #	53
49) 1,4-Dioxane	9.504	88	83	0.462	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	11.769	131	1979	0.255	ug/l #	17
74) N-amyl acetate	12.339	43	10195	0.691	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	225396	20.225	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.021	105	24947	0.786	ug/l #	28
81) trans-1,4-Dichloro-2-b...	12.669	75	225396	57.523	ug/l #	11
86) p-Isopropyltoluene	13.527	119	14140	0.438	ug/l #	51
95) Naphthalene	15.433	128	14230	0.379	ug/l #	20

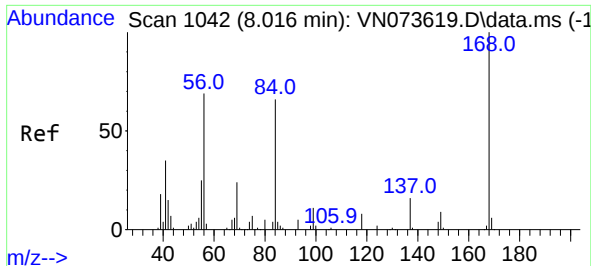
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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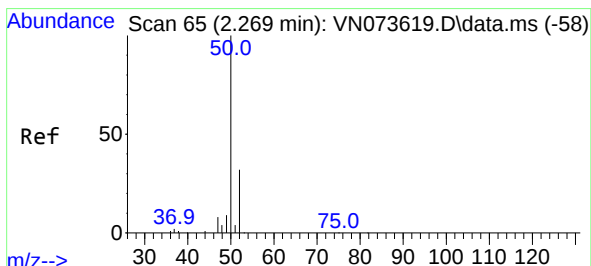
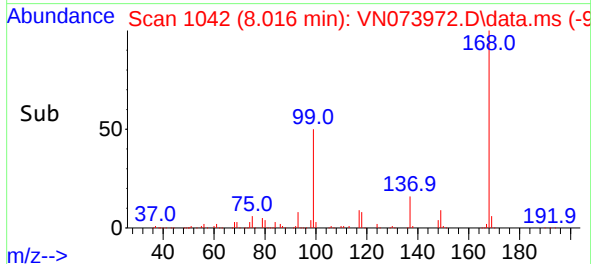
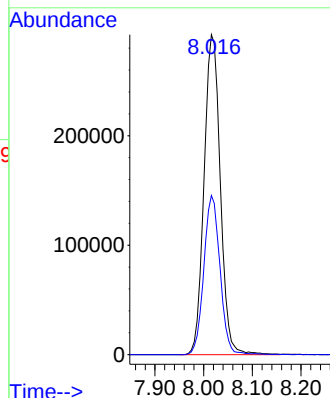
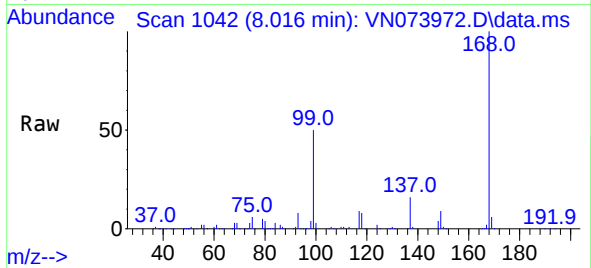




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31

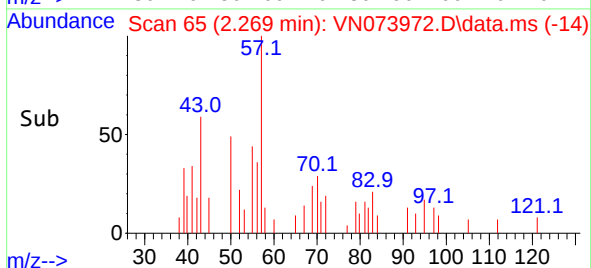
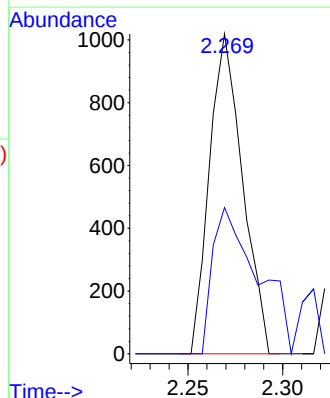
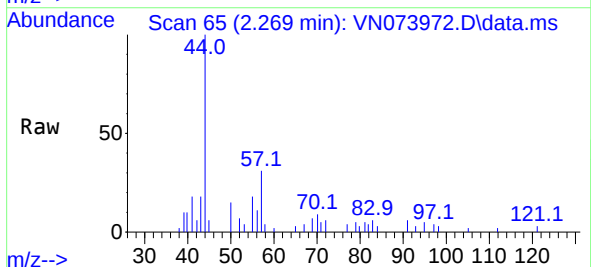
Instrument :
MSVOA_N
ClientSampleId :

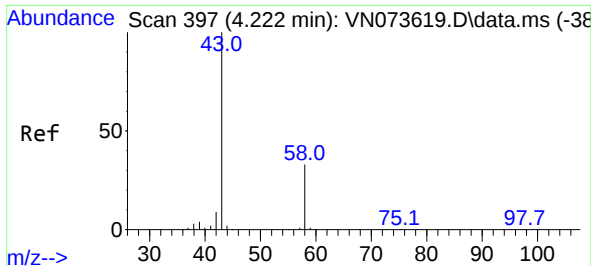
Tgt Ion:168 Resp: 677903
Ion Ratio Lower Upper
168 100
99 49.8 42.3 63.5



#3
Chloromethane
Concen: 0.207 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31

Tgt Ion: 50 Resp: 1239
Ion Ratio Lower Upper
50 100
52 45.7 25.7 38.5#

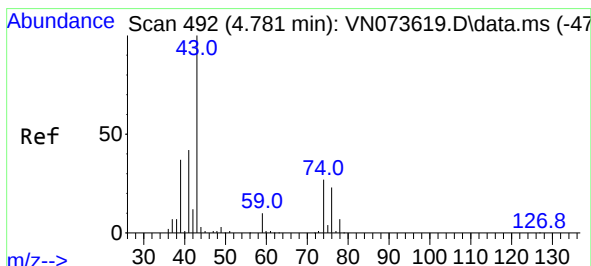
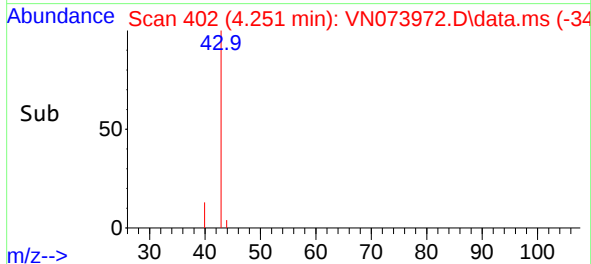
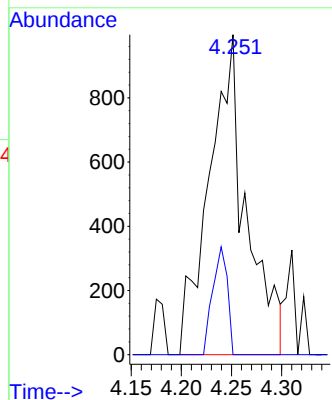
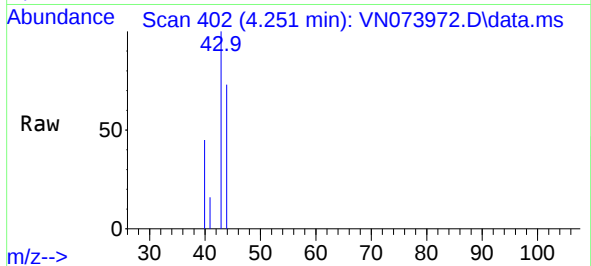




#16
Acetone
Concen: 0.824 ug/l
RT: 4.251 min Scan# 402
Delta R.T. 0.029 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31

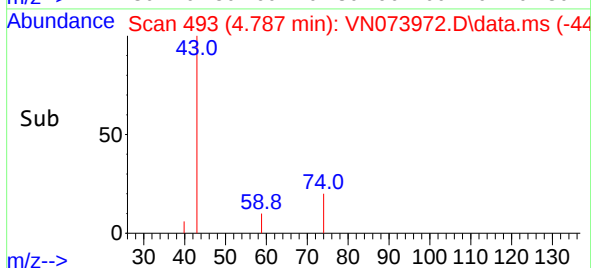
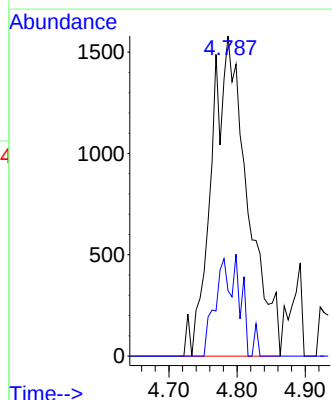
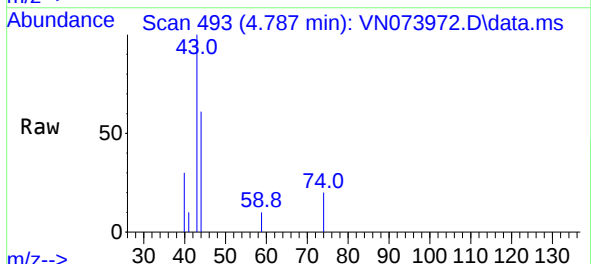
Instrument :
MSVOA_N
ClientSampleId :

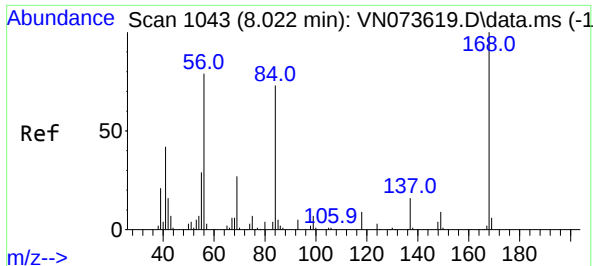
Tgt Ion: 43 Resp: 2567
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.787 min Scan# 493
Delta R.T. 0.006 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31

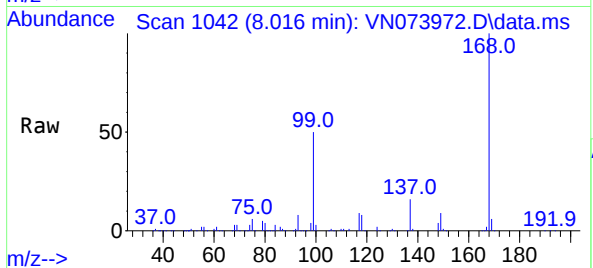
Tgt Ion: 43 Resp: 5834
Ion Ratio Lower Upper
43 100
74 13.1 21.6 32.4#



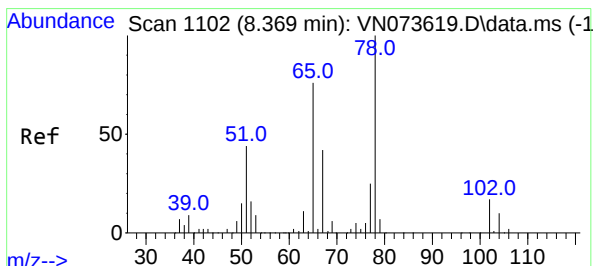
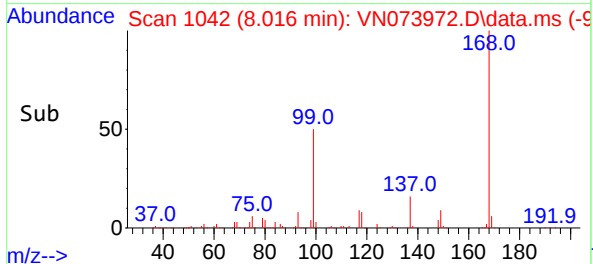
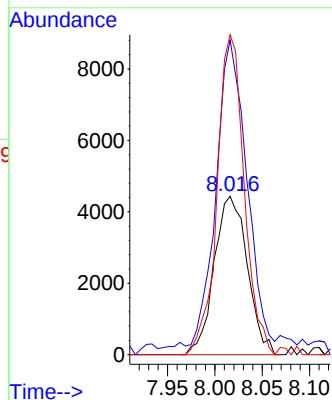


#31
Cyclohexane
Concen: 1.175 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31

Instrument :
MSVOA_N
ClientSampleId :

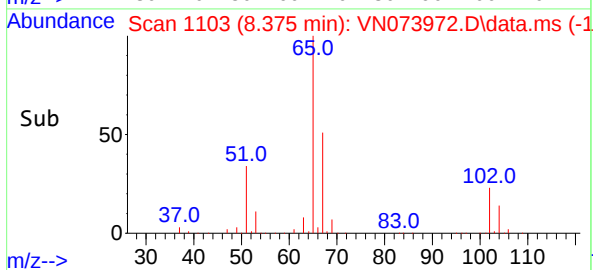
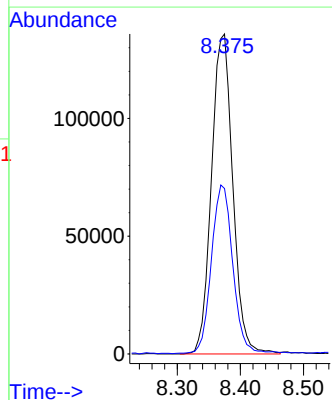
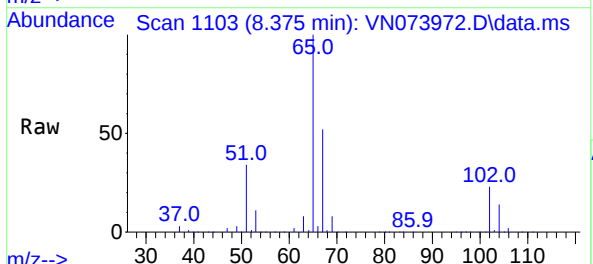


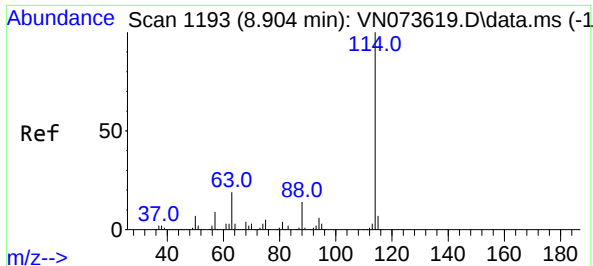
Tgt Ion: 56 Resp: 10817
Ion Ratio Lower Upper
56 100
69 191.0 27.8 41.8#
84 202.1 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 48.265 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31

Tgt Ion: 65 Resp: 318679
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8

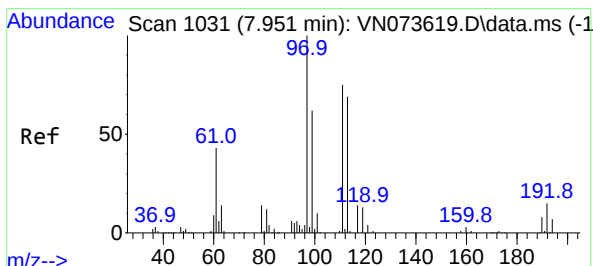
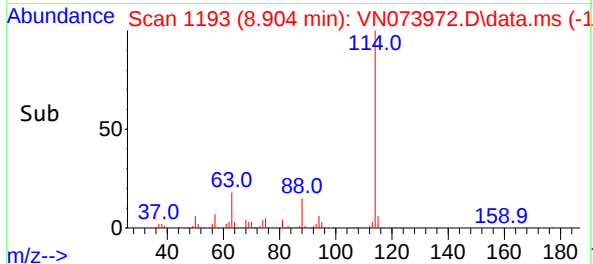
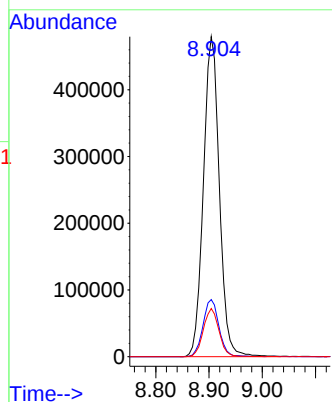
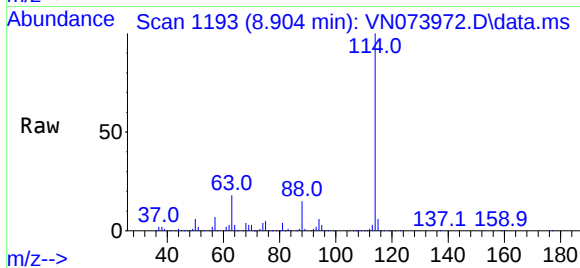




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31

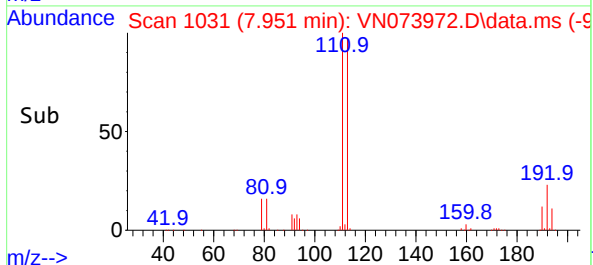
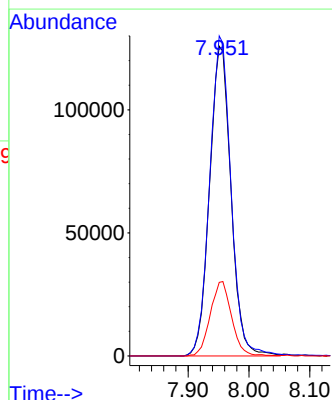
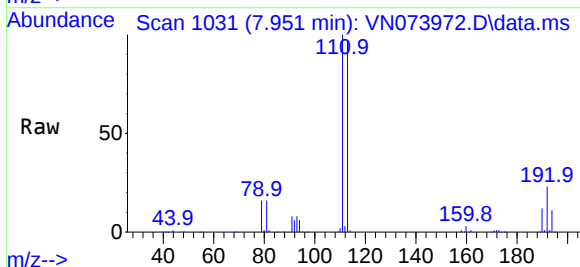
Instrument :
MSVOA_N
ClientSampleId :

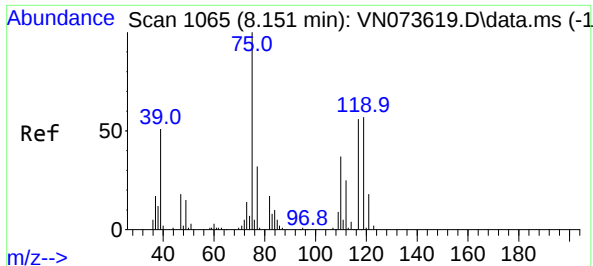
Tgt Ion:114 Resp: 996362
Ion Ratio Lower Upper
114 100
63 17.9 0.0 40.0
88 15.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.142 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31

Tgt Ion:113 Resp: 307239
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 23.9 17.0 25.6

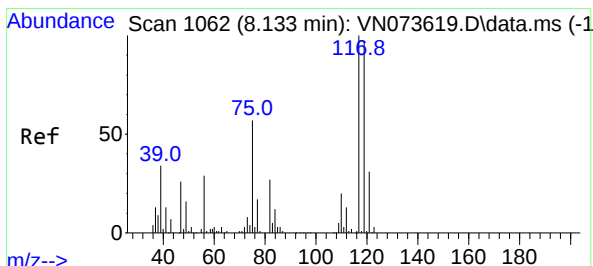
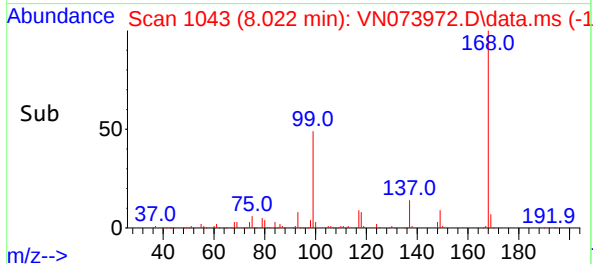
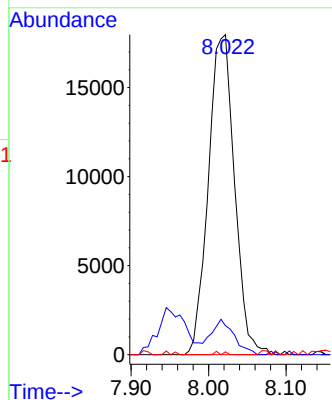
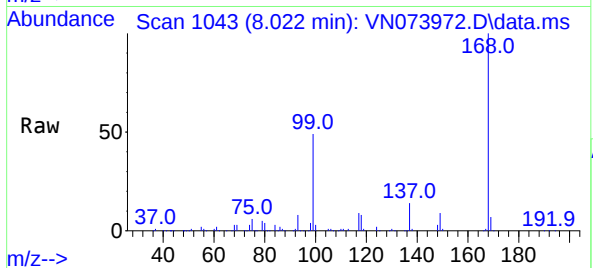




#36
1,1-Dichloropropene
Concen: 5.164 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.129 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31

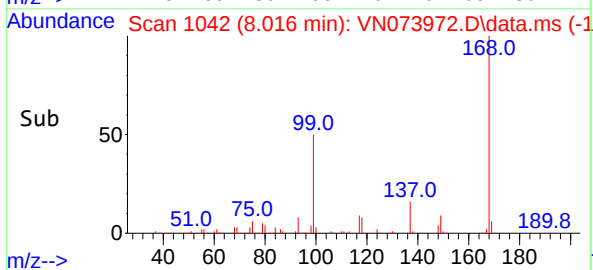
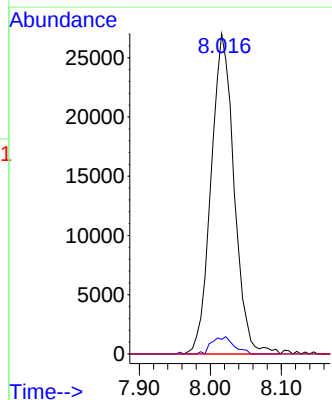
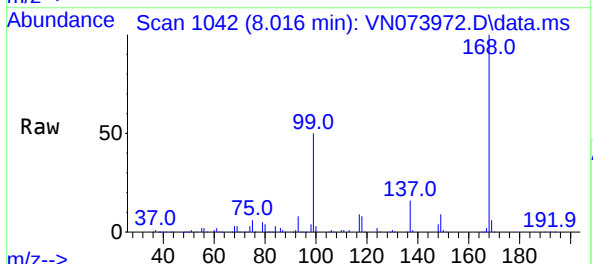
Instrument :
MSVOA_N
ClientSampleId :

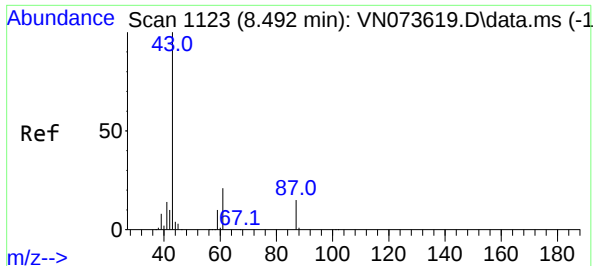
Tgt Ion: 75 Resp: 42265
Ion Ratio Lower Upper
75 100
110 9.5 18.3 54.8#
77 0.3 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.506 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31

Tgt Ion: 117 Resp: 60866
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.8#
121 0.0 24.6 37.0#

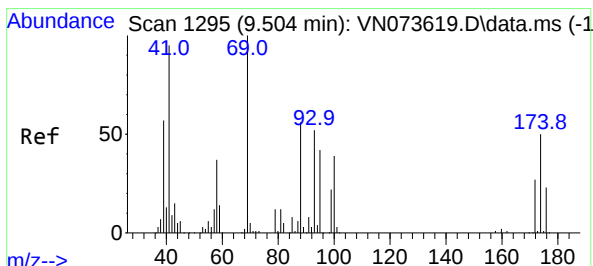
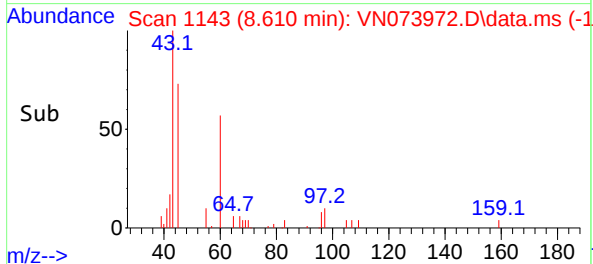
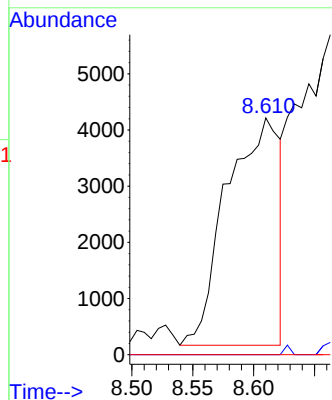
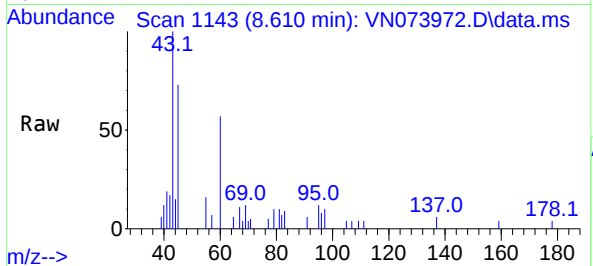




#43
Isopropyl Acetate
Concen: 0.865 ug/l
RT: 8.610 min Scan# 1123
Delta R.T. 0.118 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31

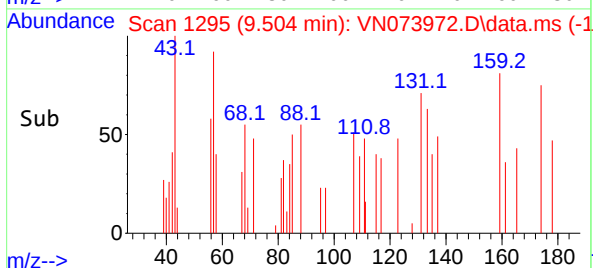
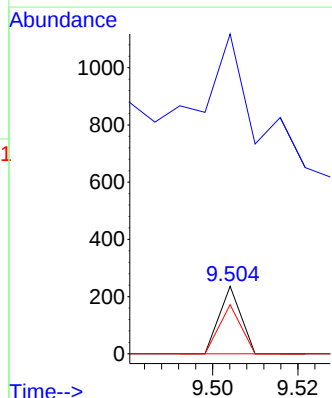
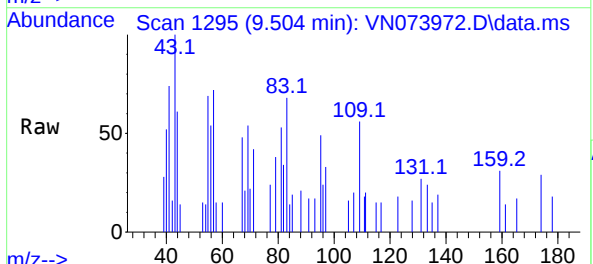
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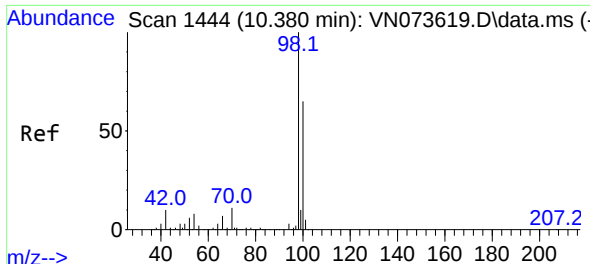
Tgt Ion: 43 Resp: 12218
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#49
1,4-Dioxane
Concen: 0.462 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31

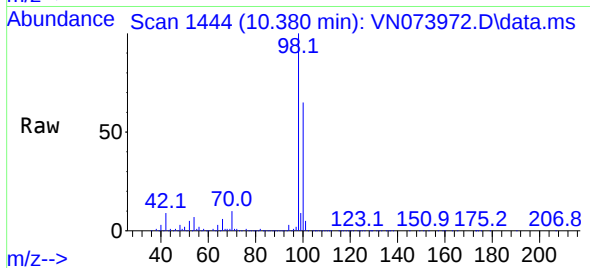
Tgt Ion: 88 Resp: 83
Ion Ratio Lower Upper
88 100
43 1032.5 20.2 30.4#
58 73.5 54.2 81.4



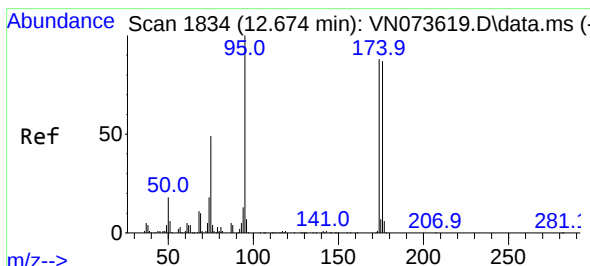
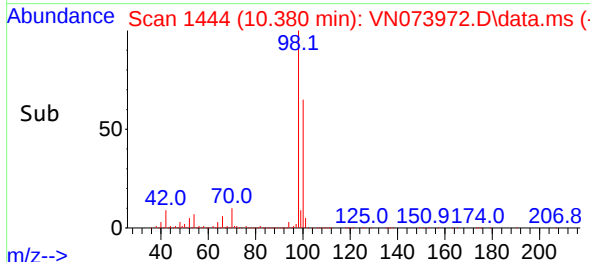
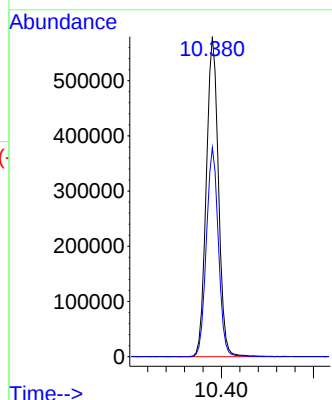


#50
Toluene-d8
Concen: 46.802 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31

Instrument :
MSVOA_N
ClientSampleId :

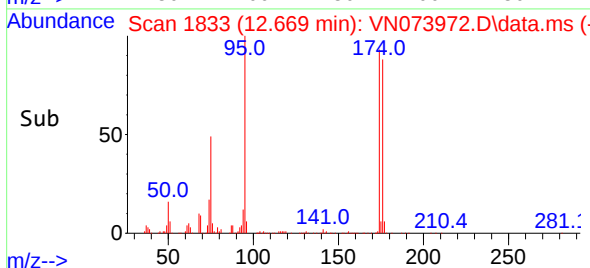
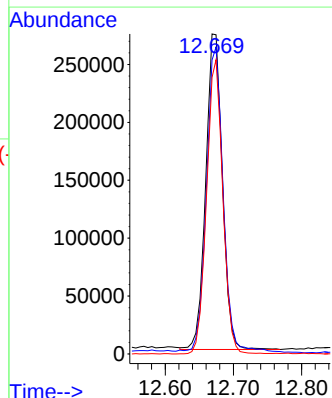
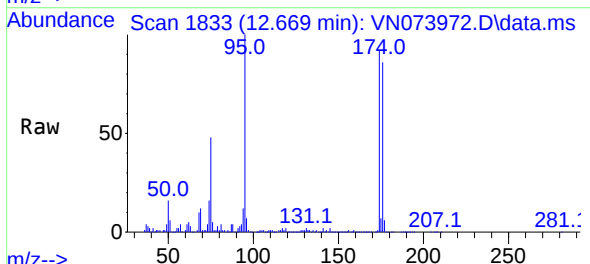


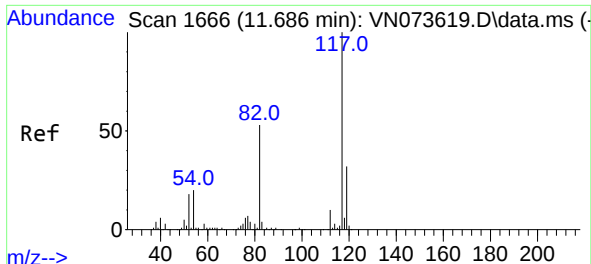
Tgt Ion: 98 Resp: 1068050
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 61.053 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31

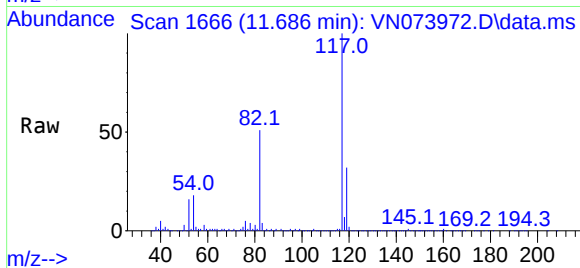
Tgt Ion: 95 Resp: 462402
Ion Ratio Lower Upper
95 100
174 99.1 0.0 167.6
176 90.9 0.0 163.4



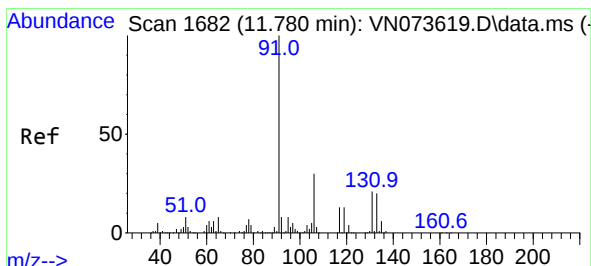
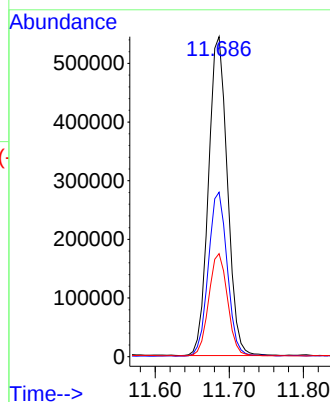
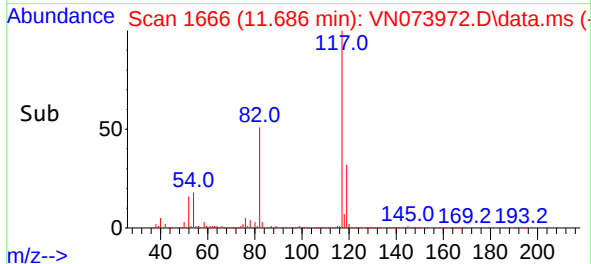


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31

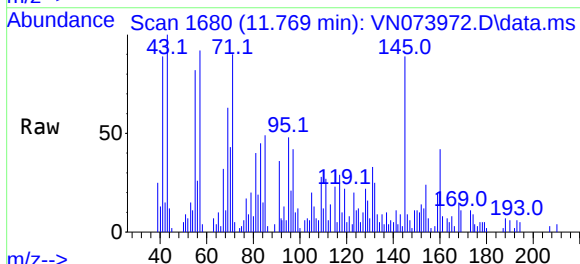
Instrument :
MSVOA_N
ClientSampleId :



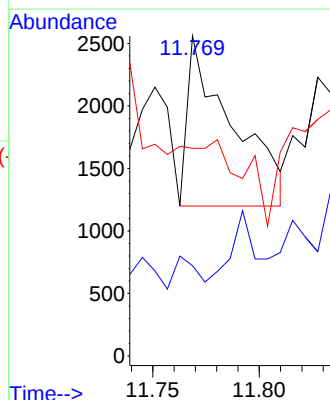
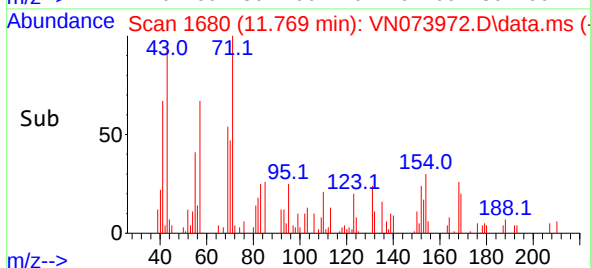
Tgt Ion:117 Resp: 963720
Ion Ratio Lower Upper
117 100
82 51.4 44.2 66.2
119 32.0 25.4 38.0

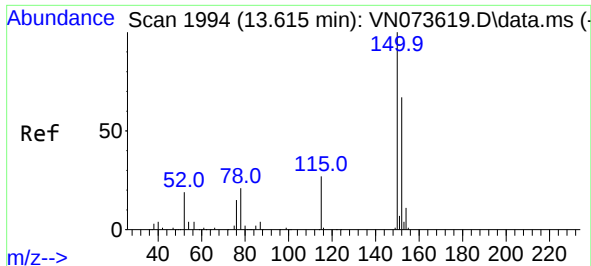


#66
1,1,1,2-Tetrachloroethane
Concen: 0.255 ug/l
RT: 11.769 min Scan# 1680
Delta R.T. -0.011 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31



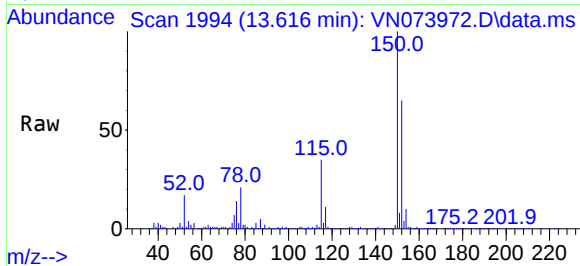
Tgt Ion:131 Resp: 1979
Ion Ratio Lower Upper
131 100
133 14.9 47.8 143.4#
119 0.0 33.4 100.2#



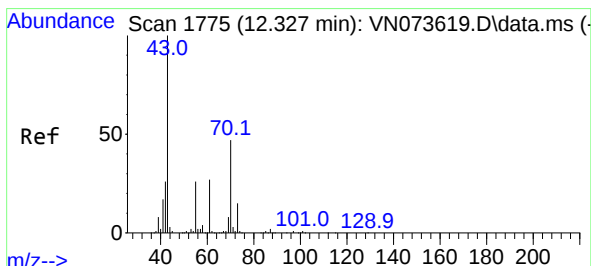
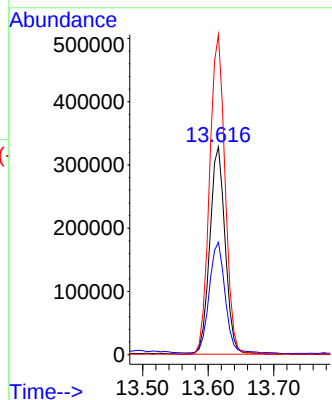
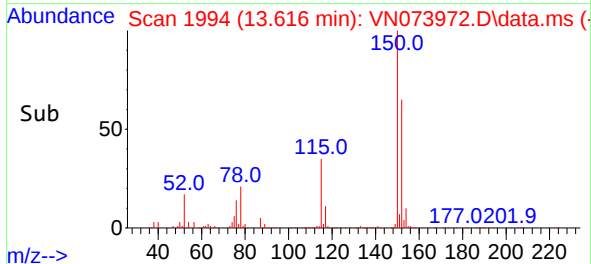


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31

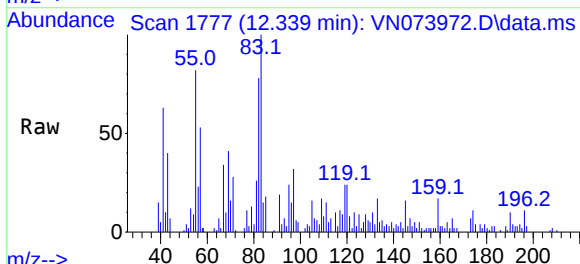
Instrument :
MSVOA_N
ClientSampleId :



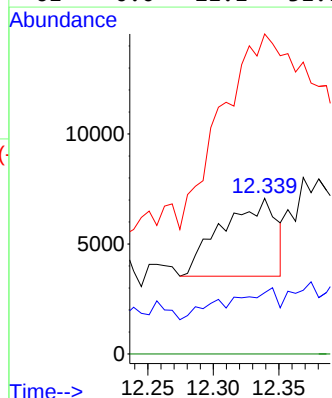
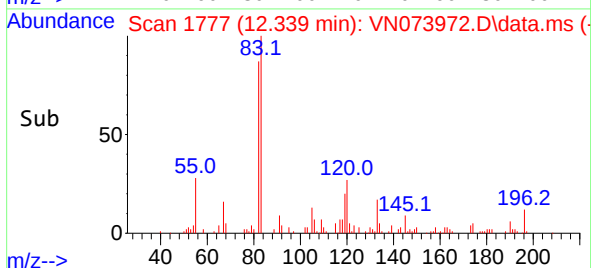
Tgt Ion:152 Resp: 536184
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.7
150 155.6 0.0 356.2

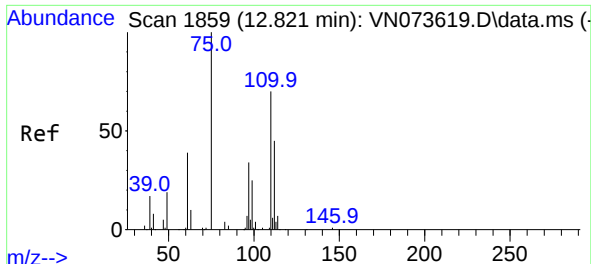


#74
N-ethyl acetate
Concen: 0.691 ug/l
RT: 12.339 min Scan# 1777
Delta R.T. 0.012 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31



Tgt Ion: 43 Resp: 10195
Ion Ratio Lower Upper
43 100
70 12.5 39.0 58.4#
55 588.7 21.1 31.7#
61 0.0 21.1 31.7#

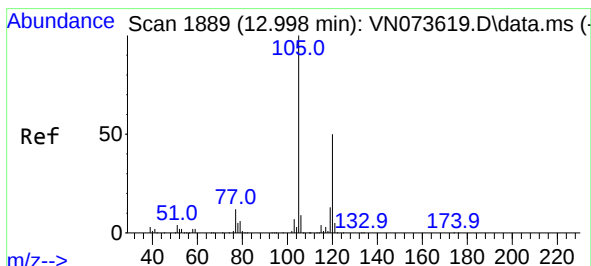
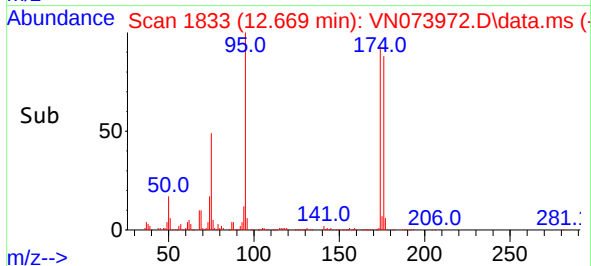
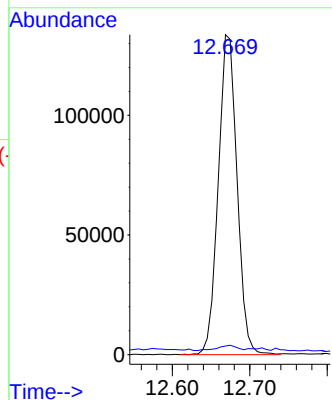
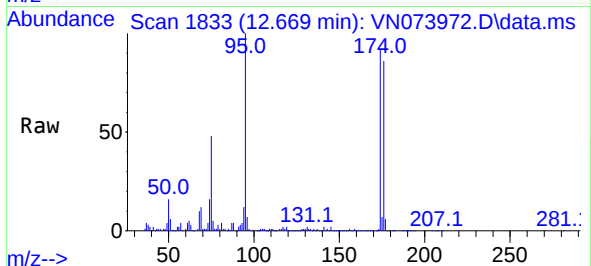




#76
1,2,3-Trichloropropane
Concen: 20.225 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.152 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31

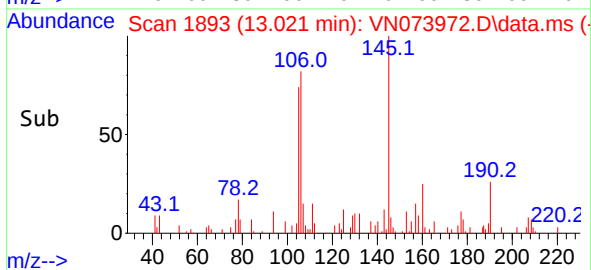
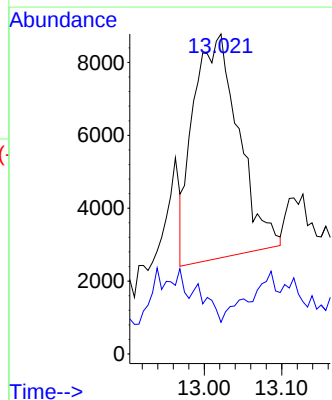
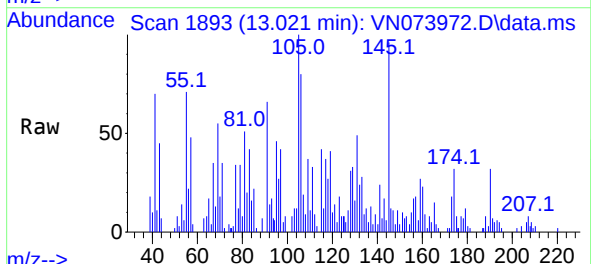
Instrument :
MSVOA_N
ClientSampleId :

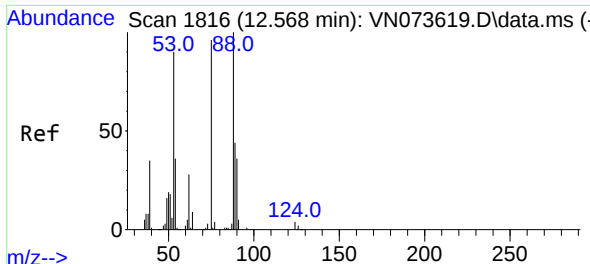
Tgt Ion: 75 Resp: 225396
Ion Ratio Lower Upper
75 100
77 1.7 98.5 295.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.786 ug/l
RT: 13.021 min Scan# 1893
Delta R.T. 0.023 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31

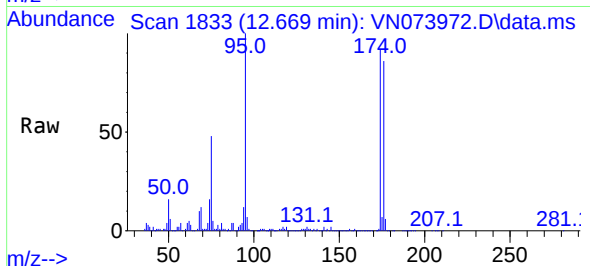
Tgt Ion:105 Resp: 24947
Ion Ratio Lower Upper
105 100
120 0.0 24.9 74.7#



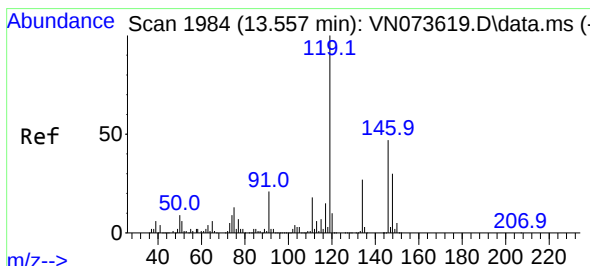
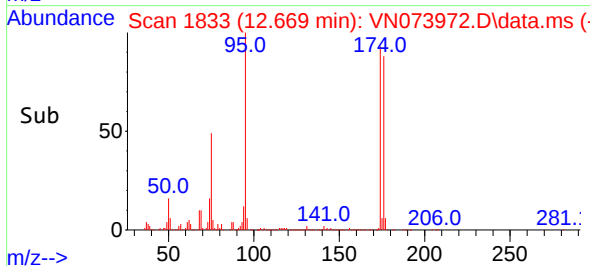
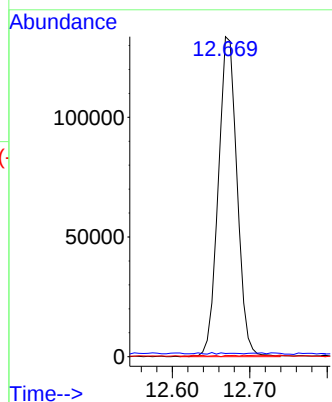


#81
trans-1,4-Dichloro-2-butene
Concen: 57.523 ug/l
RT: 12.669 min Scan# 11
Delta R.T. 0.101 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31

Instrument :
MSVOA_N
ClientSampleId :

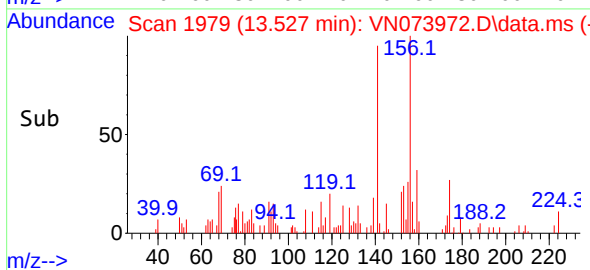
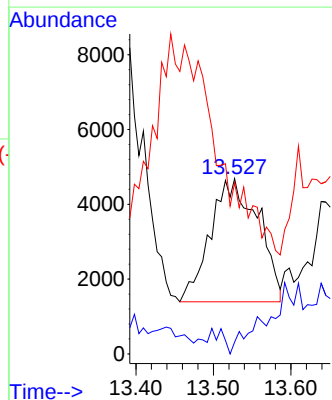
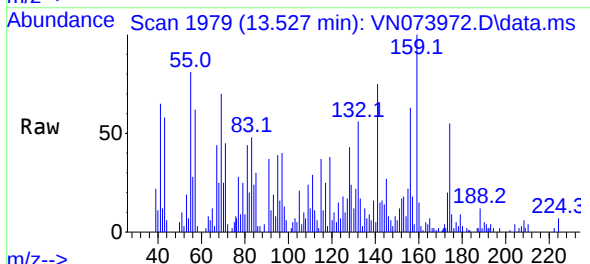


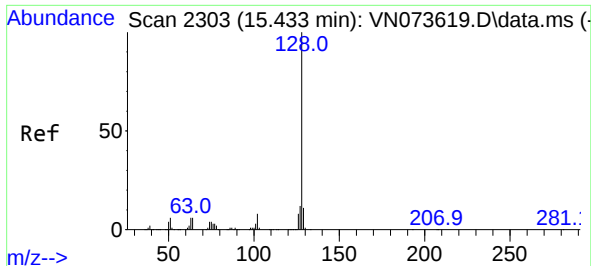
Tgt Ion: 75 Resp: 225396
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.3 37.2 55.8#



#86
p-Isopropyltoluene
Concen: 0.438 ug/l
RT: 13.527 min Scan# 1979
Delta R.T. -0.030 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31

Tgt Ion: 119 Resp: 14140
Ion Ratio Lower Upper
119 100
134 0.0 13.3 39.8#
91 0.0 11.3 33.9#





#95

Naphthalene

Concen: 0.379 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.000 min

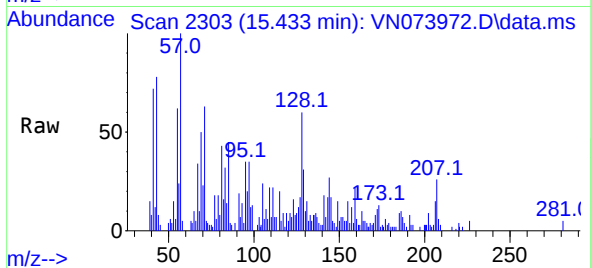
Lab File: VN073972.D

Acq: 17 Aug 2022 13:31

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	128	Resp:	14230
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	62.2	8.6	13.0#

