

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075613.D
 Acq On : 07 Dec 2022 17:55
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Dec 08 00:22:47 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)

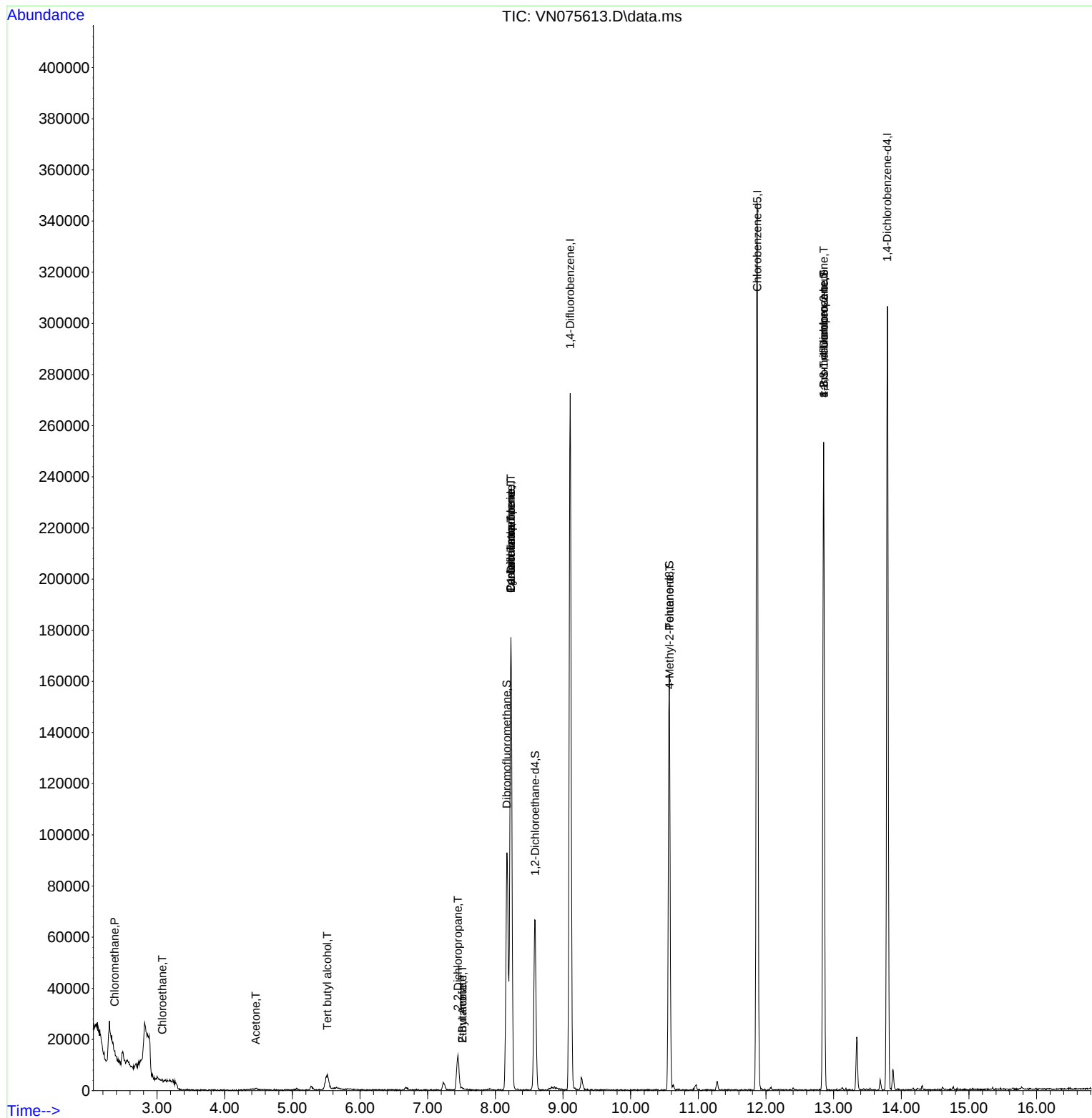
Internal Standards						
1) Pentafluorobenzene	8.230	168	140129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	256214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	216837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	53450	71.059	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 142.120%#			
35) Dibromofluoromethane	8.171	113	66381	65.953	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 131.900%#			
50) Toluene-d8	10.571	98	116366	51.333	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.660%			
62) 4-Bromofluorobenzene	12.853	95	83504	49.906	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.820%			
Target Compounds					Qvalue	
3) Chloromethane	2.371	50	517	0.388	ug/l #	42
6) Chloroethane	3.077	64	353	0.277	ug/l #	45
11) Tert butyl alcohol	5.518	59	6062	19.198	ug/l #	72
16) Acetone	4.459	43	794	1.132	ug/l #	43
18) Methyl Acetate	5.047	43	1130	Below Cal	#	70
20) Methylene Chloride	5.271	84	434	Below Cal	#	61
25) 2-Butanone	7.512	43	985	1.006	ug/l #	43
26) 2,2-Dichloropropane	7.447	77	975	0.427	ug/l #	53
31) Cyclohexane	8.230	56	2589	1.083	ug/l #	17
36) 1,1-Dichloropropene	8.230	75	9607	4.377	ug/l #	51
37) Ethyl Acetate	7.512	43	985	0.498	ug/l #	66
38) Carbon Tetrachloride	8.230	117	13229	5.487	ug/l #	15
51) 4-Methyl-2-Pentanone	10.576	43	477	0.236	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	42452	25.232	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	42452	74.657	ug/l #	10

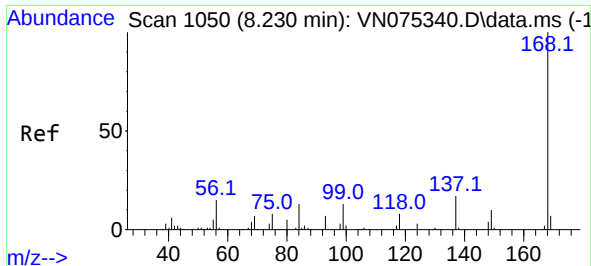
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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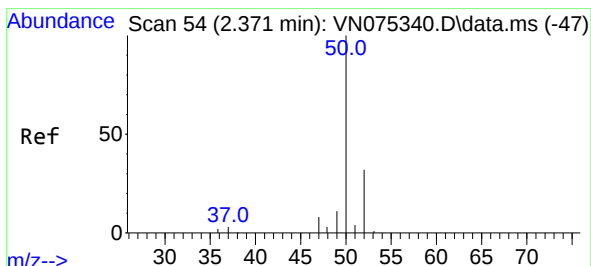
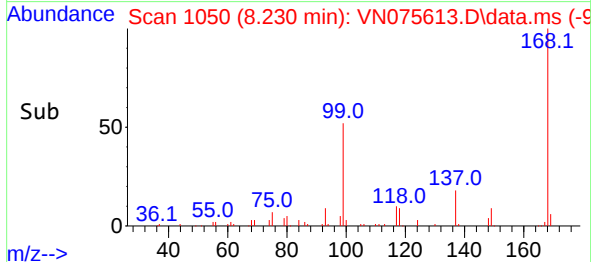
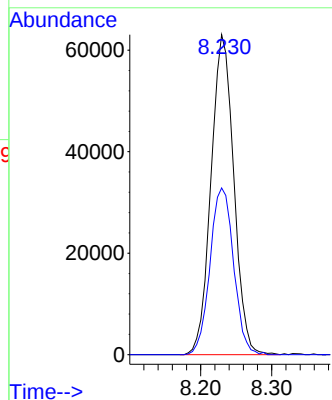
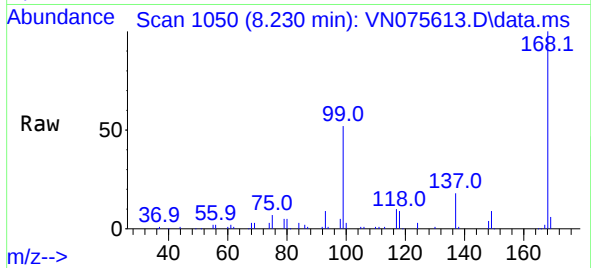




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

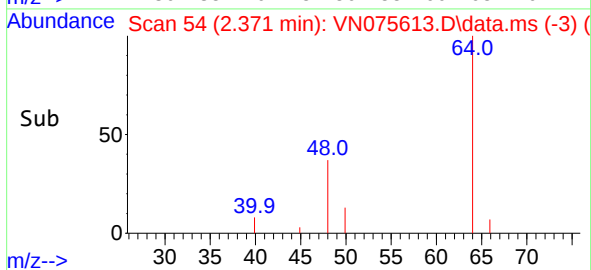
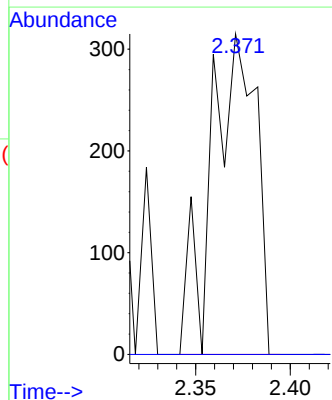
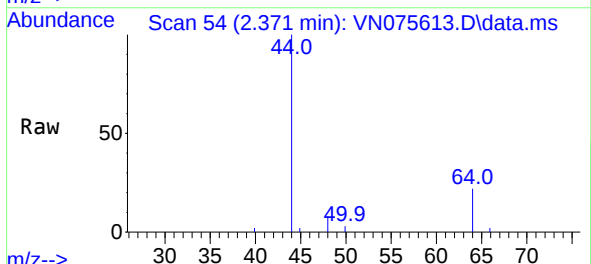
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

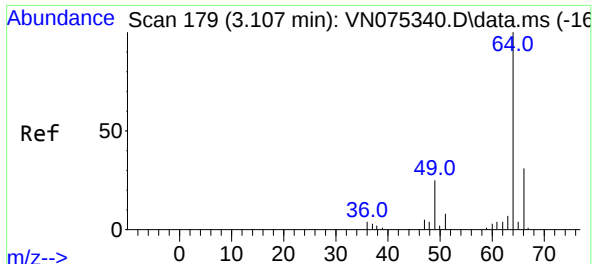
Tgt Ion:168 Resp: 140129
Ion Ratio Lower Upper
168 100
99 52.1 51.6 77.4



#3
Chloromethane
Concen: 0.388 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

Tgt Ion: 50 Resp: 517
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.6#

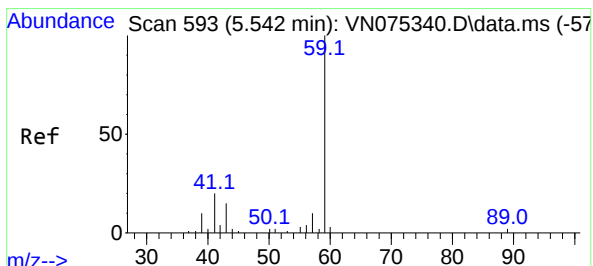
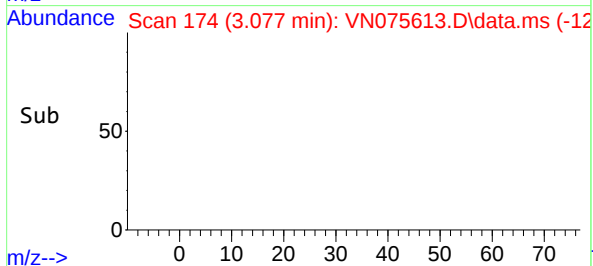
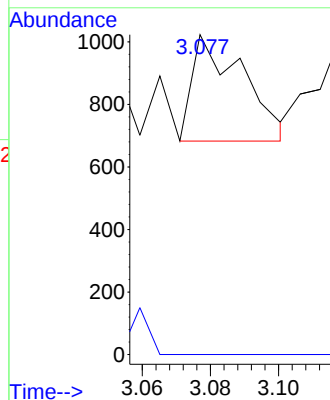
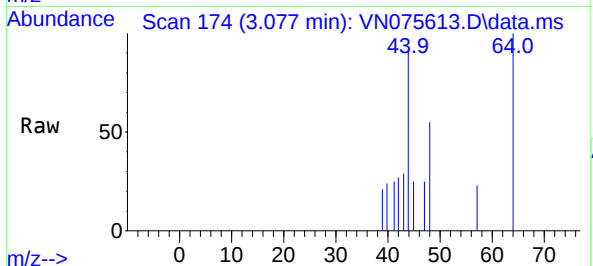




#6
Chloroethane
Concen: 0.277 ug/l
RT: 3.077 min Scan# 11
Delta R.T. -0.030 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

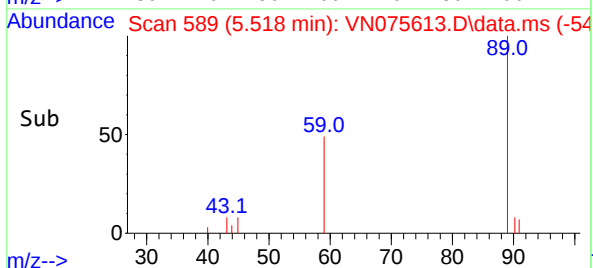
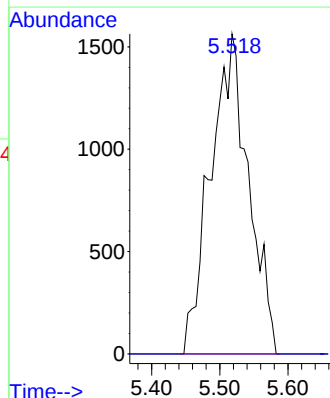
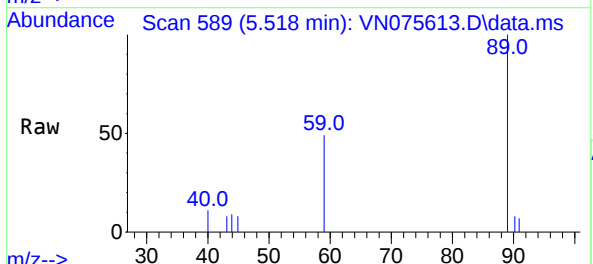
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

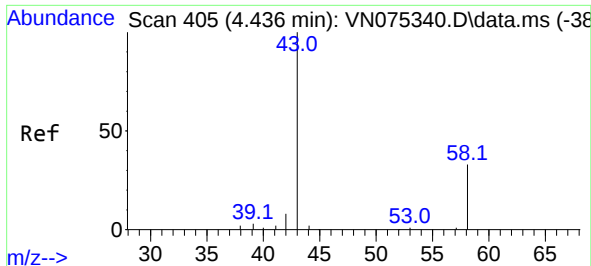
Tgt Ion: 64 Resp: 353
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 19.198 ug/l
RT: 5.518 min Scan# 589
Delta R.T. -0.024 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

Tgt Ion: 59 Resp: 6062
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

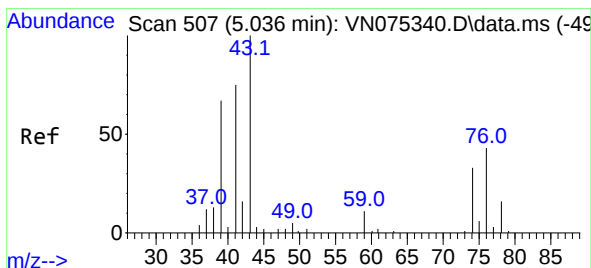
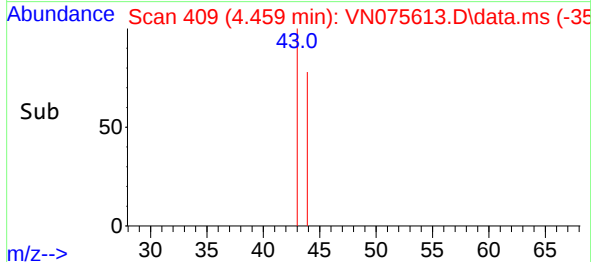
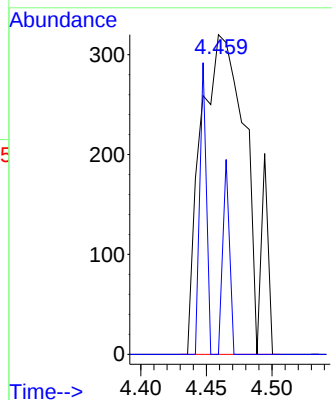
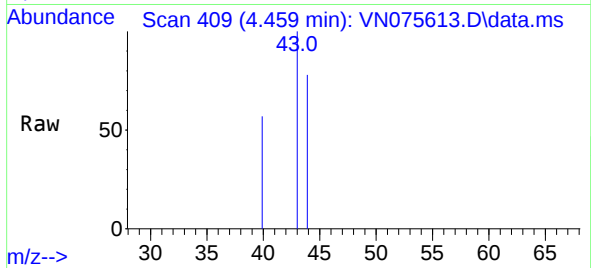




#16
Acetone
Concen: 1.132 ug/l
RT: 4.459 min Scan# 405
Delta R.T. 0.023 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

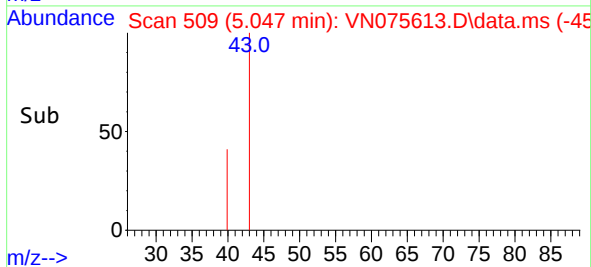
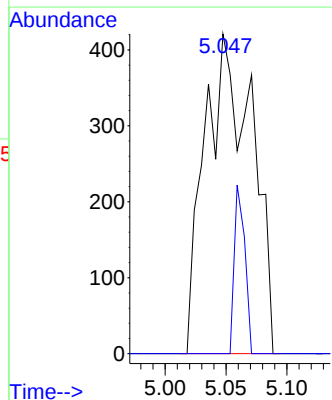
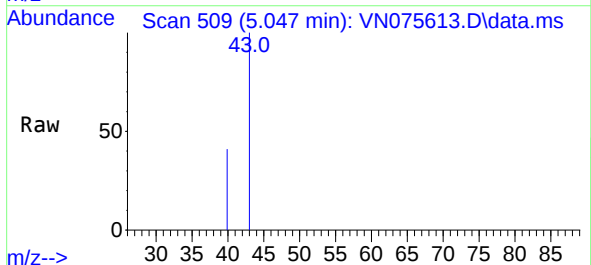
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

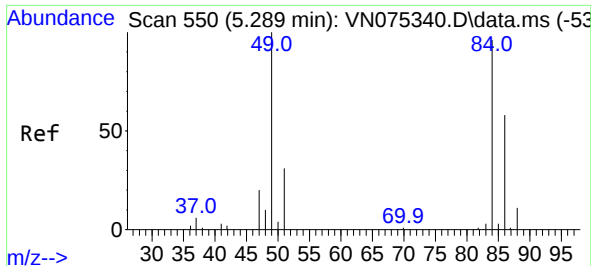
Tgt Ion: 43 Resp: 794
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.047 min Scan# 509
Delta R.T. 0.011 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

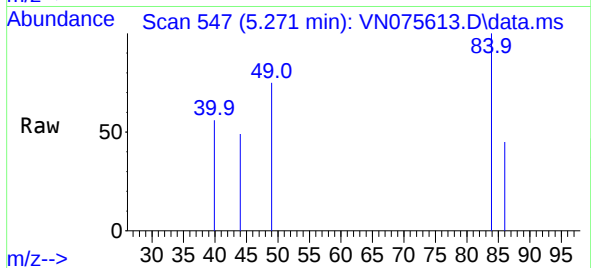
Tgt Ion: 43 Resp: 1130
Ion Ratio Lower Upper
43 100
74 11.8 22.0 33.0#





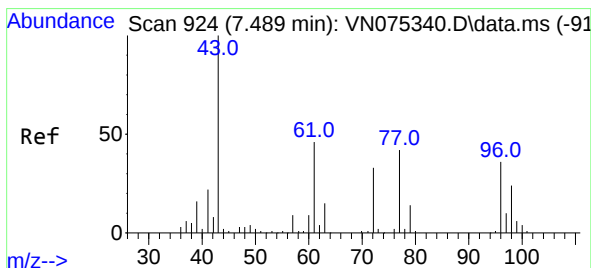
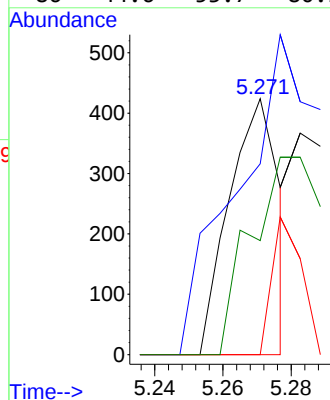
#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 54
Delta R.T. -0.018 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

Instrument :
MSVOA_N
ClientSampleId :
VIBLK



Tgt Ion: 84 Resp: 434

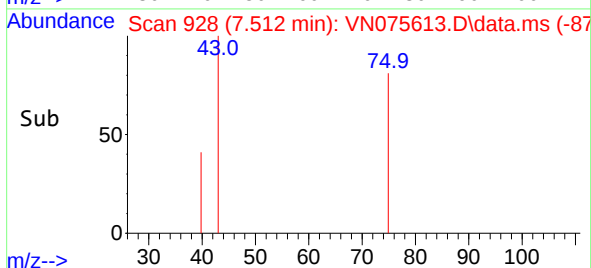
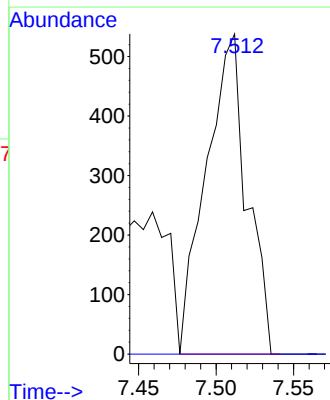
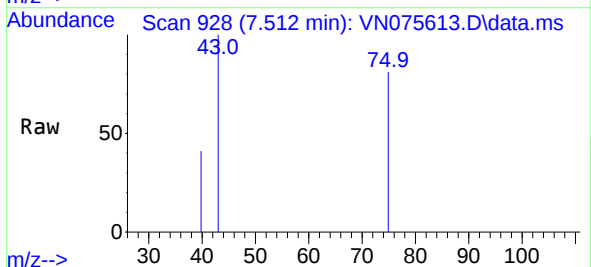
Ion	Ratio	Lower	Upper
84	100		
49	74.5	94.9	142.3#
51	0.0	26.8	40.2#
86	44.6	53.7	80.5#

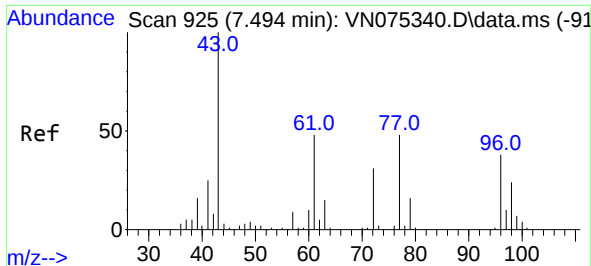


#25
2-Butanone
Concen: 1.006 ug/l
RT: 7.512 min Scan# 928
Delta R.T. 0.023 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

Tgt Ion: 43 Resp: 985

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.5	38.3#

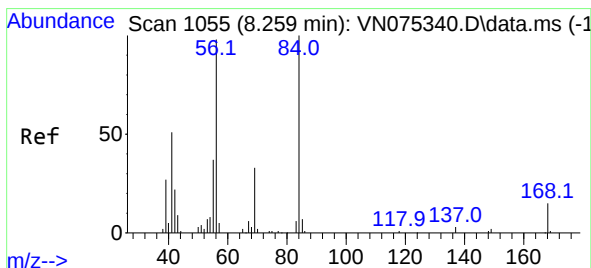
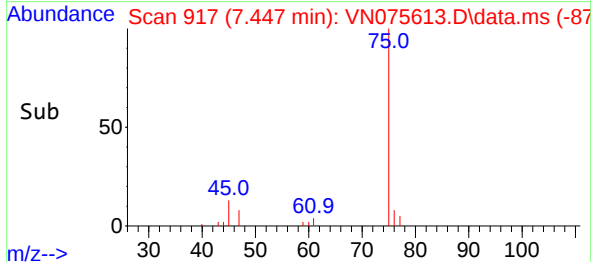
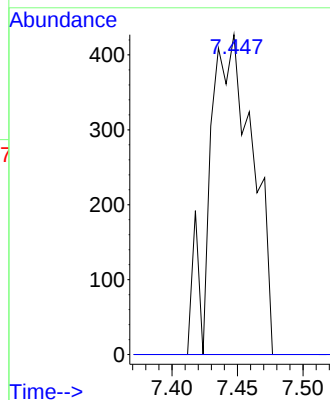
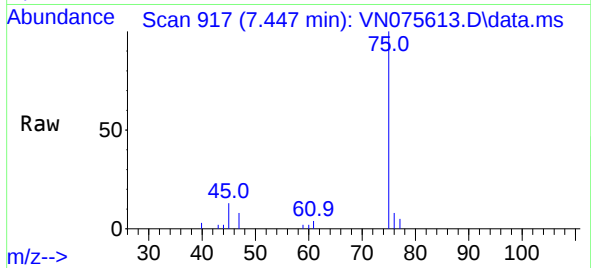




#26
2,2-Dichloropropane
Concen: 0.427 ug/l
RT: 7.447 min Scan# 91
Delta R.T. -0.047 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

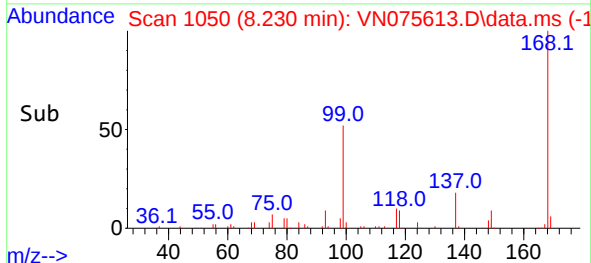
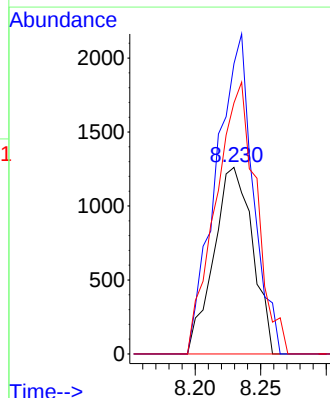
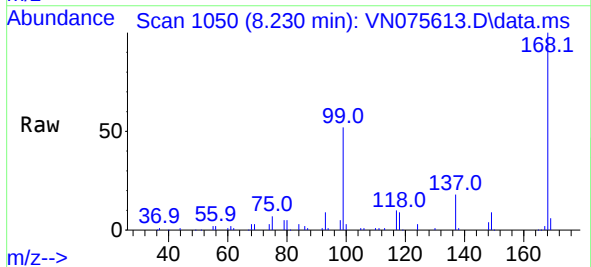
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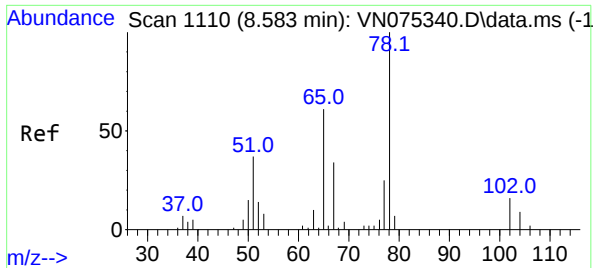
Tgt Ion: 77 Resp: 975
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#



#31
Cyclohexane
Concen: 1.083 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

Tgt Ion: 56 Resp: 2589
Ion Ratio Lower Upper
56 100
69 155.6 25.2 37.8#
84 134.6 77.8 116.8#

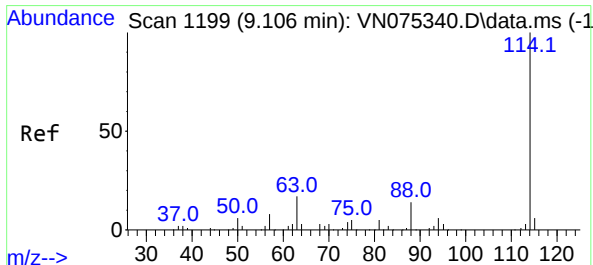
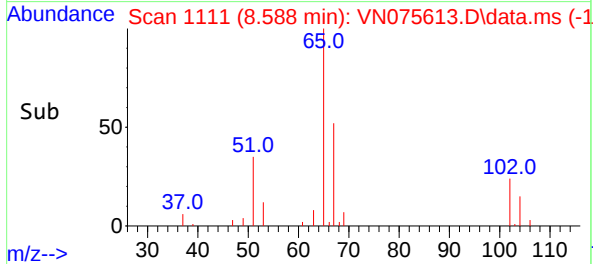
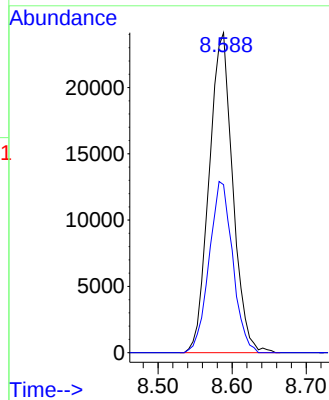
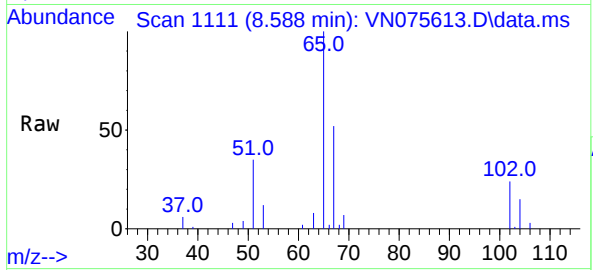




#33
1,2-Dichloroethane-d4
Concen: 71.059 ug/l
RT: 8.588 min Scan# 1110
Delta R.T. 0.005 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

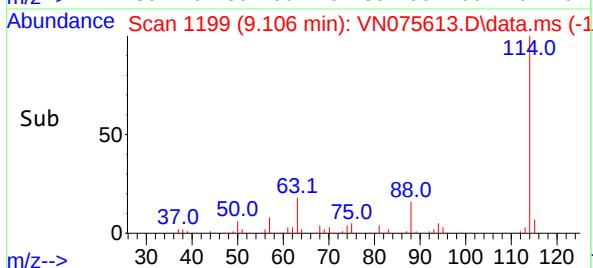
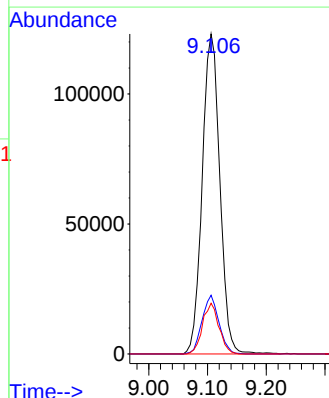
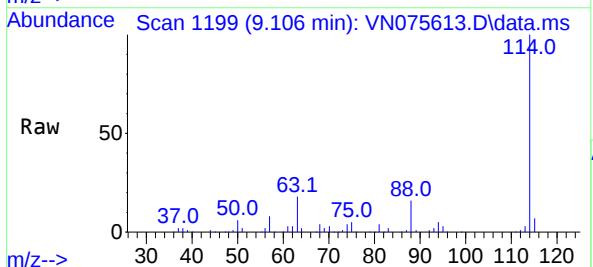
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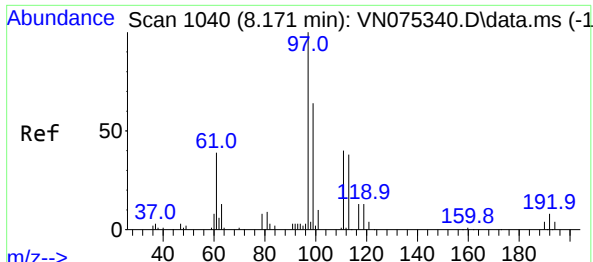
Tgt Ion: 65 Resp: 53450
Ion Ratio Lower Upper
65 100
67 53.3 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

Tgt Ion: 114 Resp: 256214
Ion Ratio Lower Upper
114 100
63 18.3 0.0 39.6
88 15.9 0.0 29.0

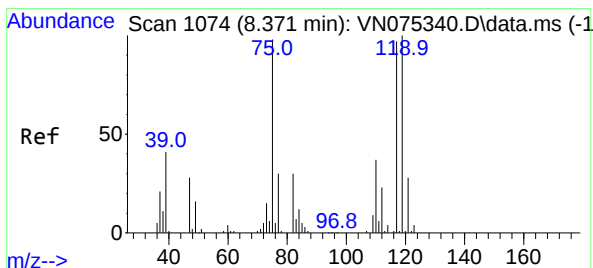
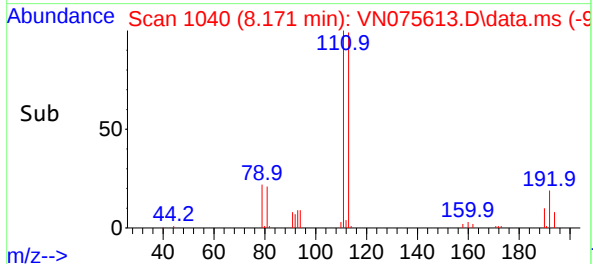
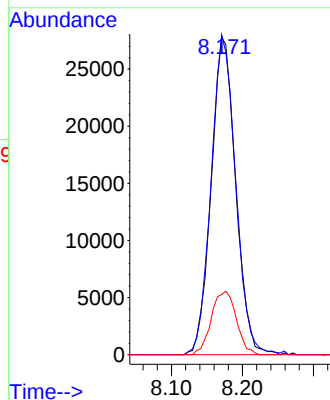
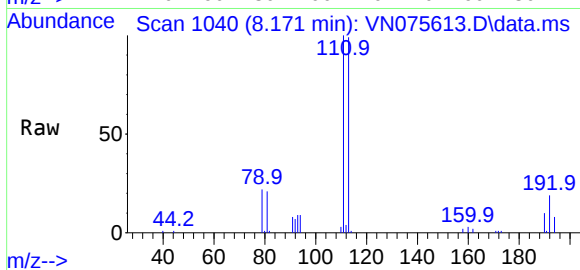




#35
Dibromofluoromethane
Concen: 65.953 ug/l
RT: 8.171 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

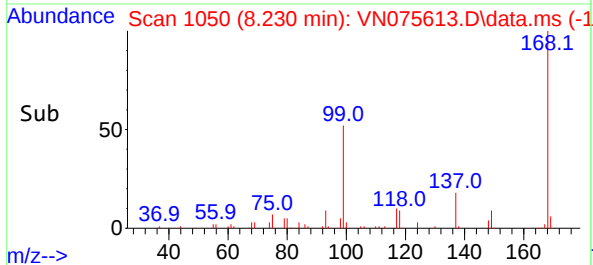
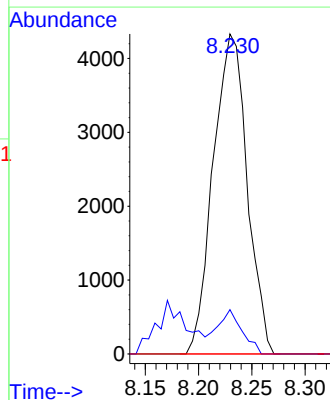
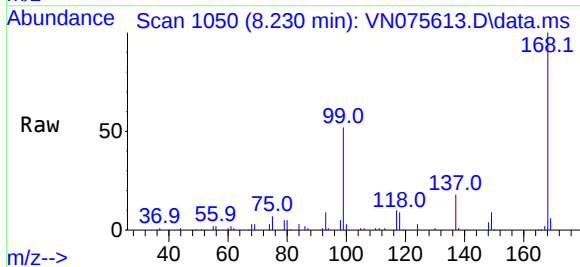
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

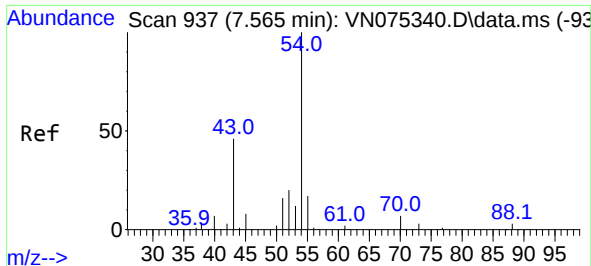
Tgt Ion:113 Resp: 66381
Ion Ratio Lower Upper
113 100
111 101.5 80.5 120.7
192 20.4 13.2 19.8#



#36
1,1-Dichloropropene
Concen: 4.377 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.141 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

Tgt Ion: 75 Resp: 9607
Ion Ratio Lower Upper
75 100
110 10.3 17.8 53.3#
77 0.0 24.6 37.0#

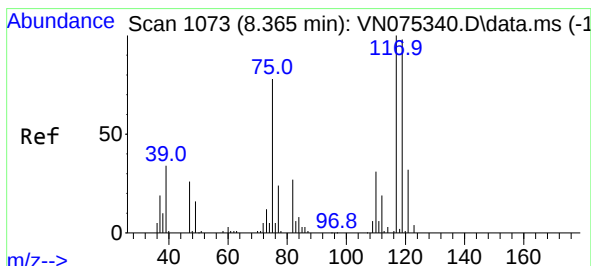
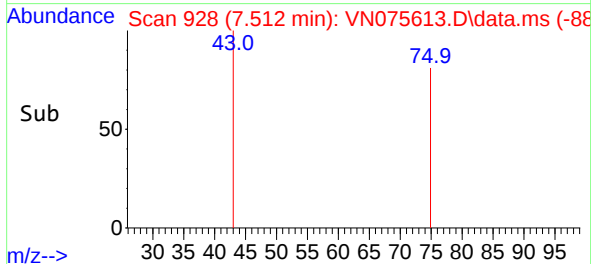
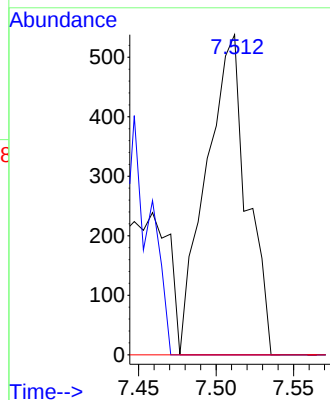
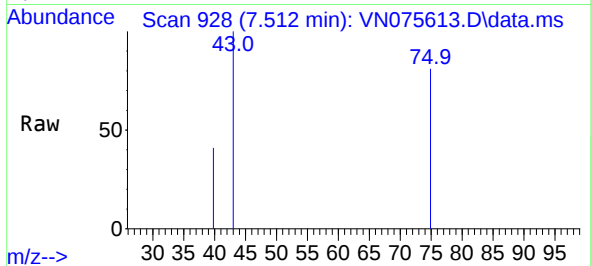




#37
Ethyl Acetate
Concen: 0.498 ug/l
RT: 7.512 min Scan# 91
Delta R.T. -0.053 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

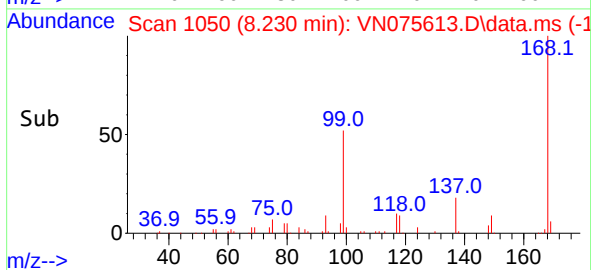
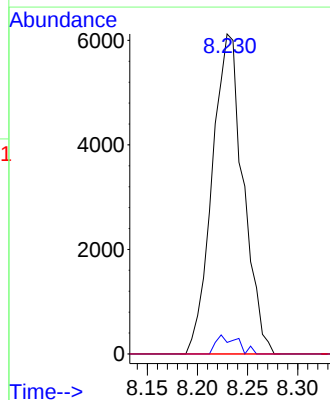
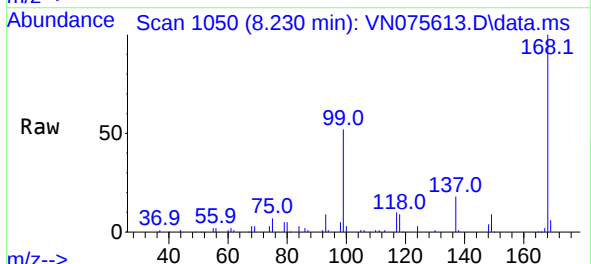
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

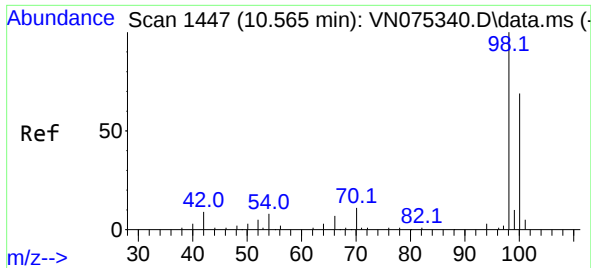
Tgt Ion:	43	Resp:	985
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	9.4	14.2#



#38
Carbon Tetrachloride
Concen: 5.487 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

Tgt Ion:	117	Resp:	13229
Ion	Ratio	Lower	Upper
117	100		
119	3.6	76.7	115.1#
121	0.0	23.9	35.9#

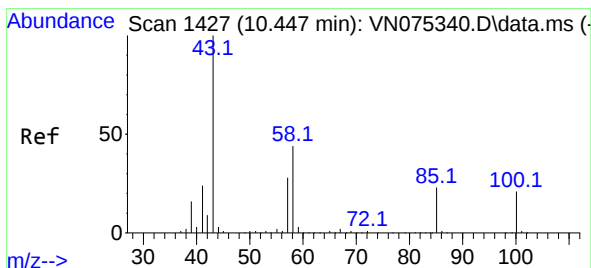
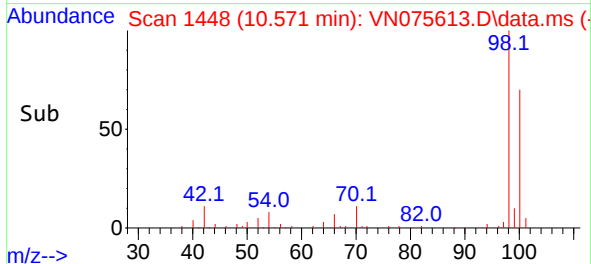
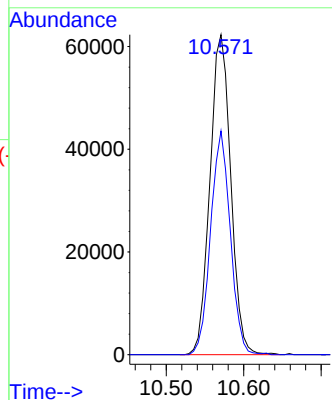
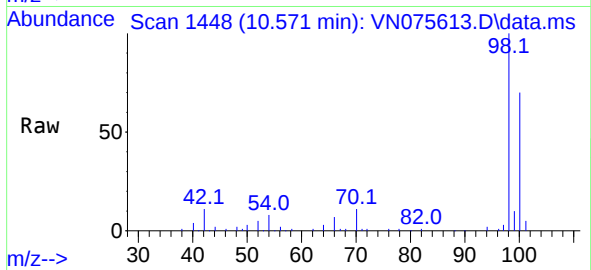




#50
Toluene-d8
Concen: 51.333 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

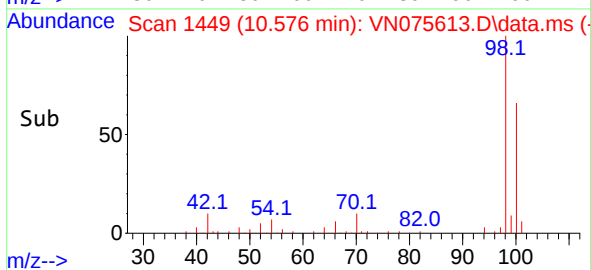
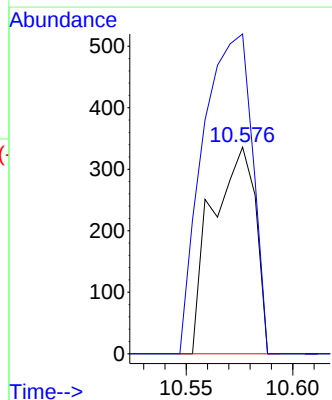
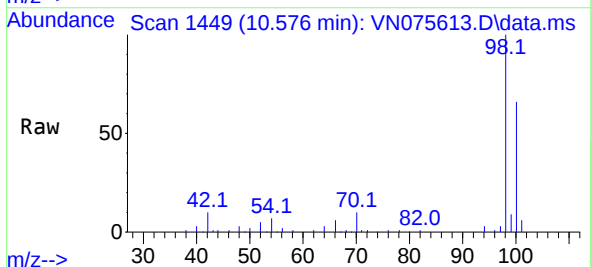
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

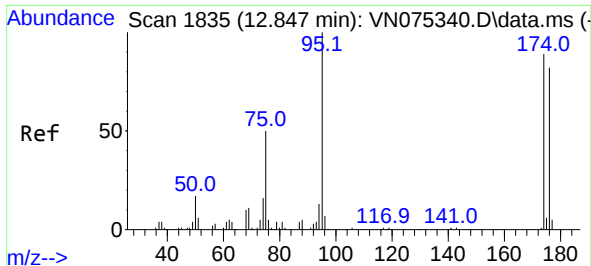
Tgt Ion: 98 Resp: 116366
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 0.236 ug/l
RT: 10.576 min Scan# 1449
Delta R.T. 0.129 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

Tgt Ion: 43 Resp: 477
Ion Ratio Lower Upper
43 100
58 175.7 33.6 50.4#

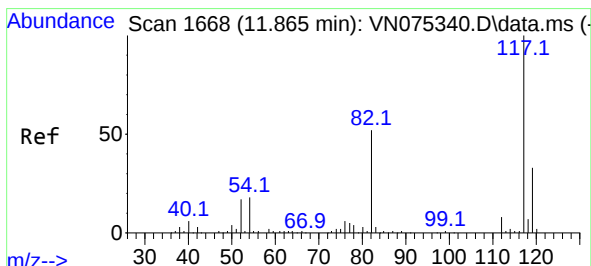
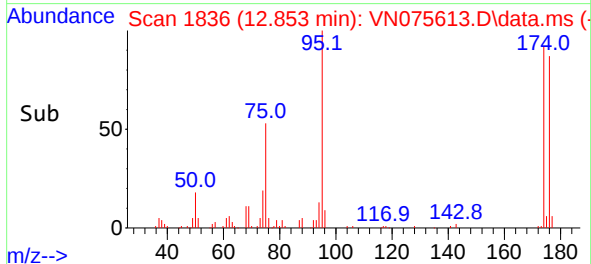
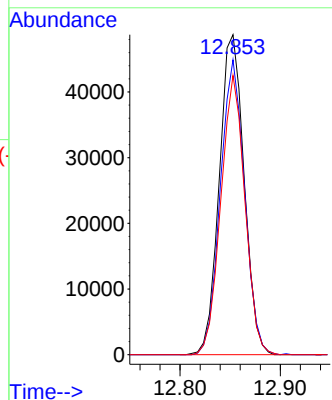
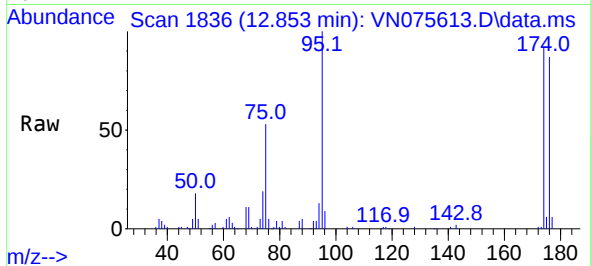




#62
4-Bromofluorobenzene
Concen: 49.906 ug/l
RT: 12.853 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

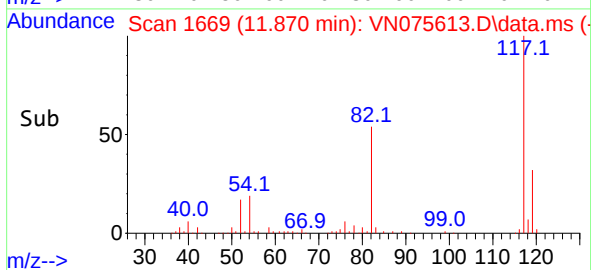
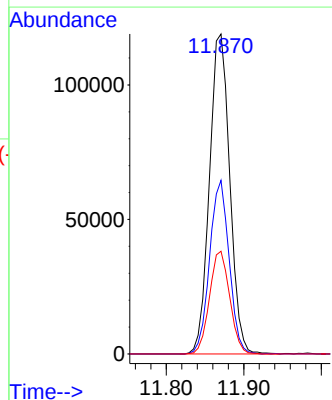
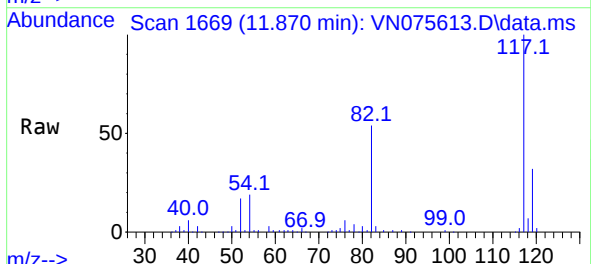
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

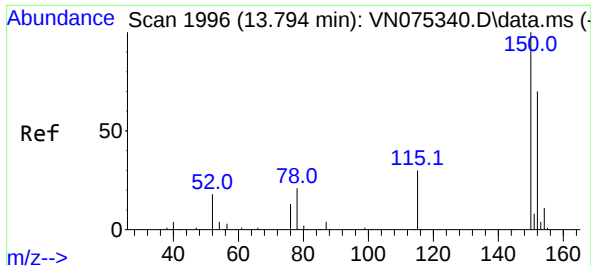
Tgt Ion: 95 Resp: 83504
Ion Ratio Lower Upper
95 100
174 90.0 0.0 147.4
176 84.5 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

Tgt Ion: 117 Resp: 216837
Ion Ratio Lower Upper
117 100
82 54.2 43.1 64.7
119 32.1 25.5 38.3

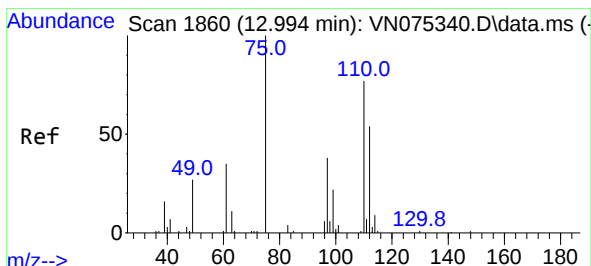
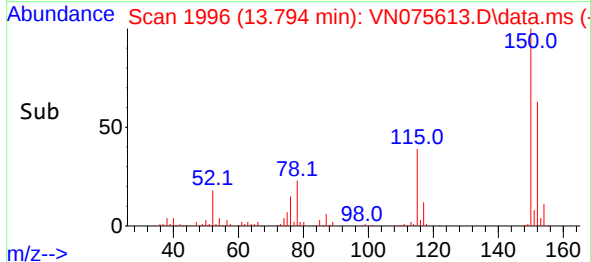
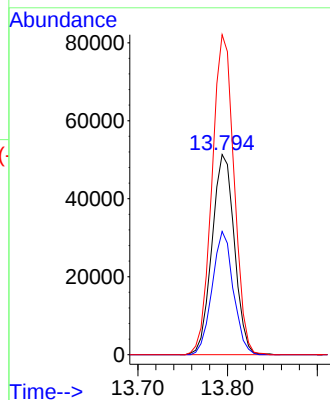
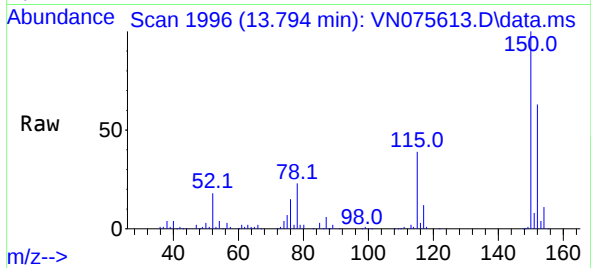




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

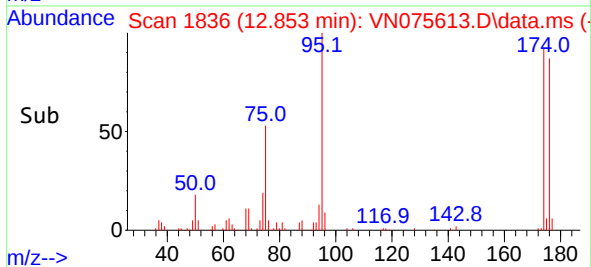
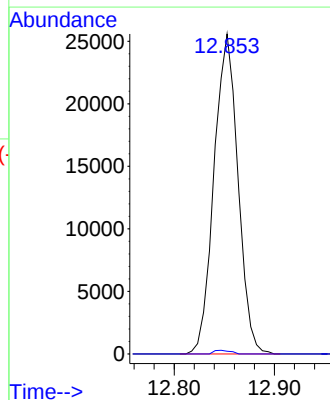
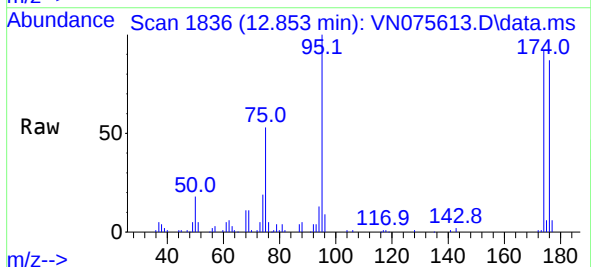
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

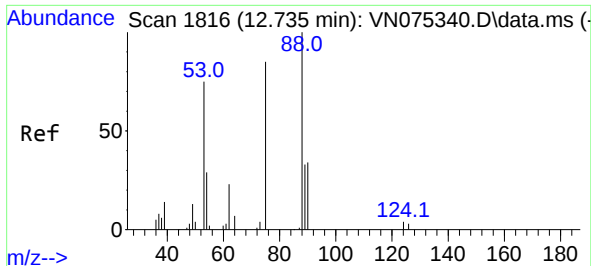
Tgt Ion:152 Resp: 88983
Ion Ratio Lower Upper
152 100
115 58.2 30.2 90.6
150 157.5 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 25.232 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

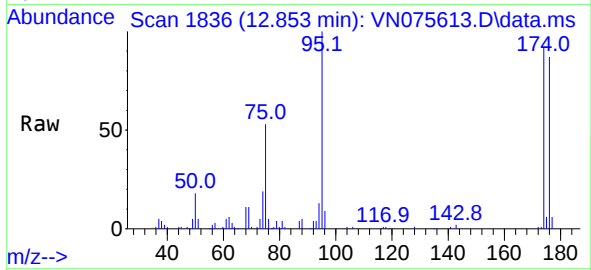
Tgt Ion: 75 Resp: 42452
Ion Ratio Lower Upper
75 100
77 0.8 75.6 226.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.657 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

Instrument :
MSVOA_N
ClientSampleId :
VIBLK



Tgt Ion: 75 Resp: 42452
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

