

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012323\
 Data File : VN076362.D
 Acq On : 23 Jan 2023 13:24
 Operator : JC\MD
 Sample : 01233-06ME
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-P37A

Quant Time: Jan 23 13:59:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

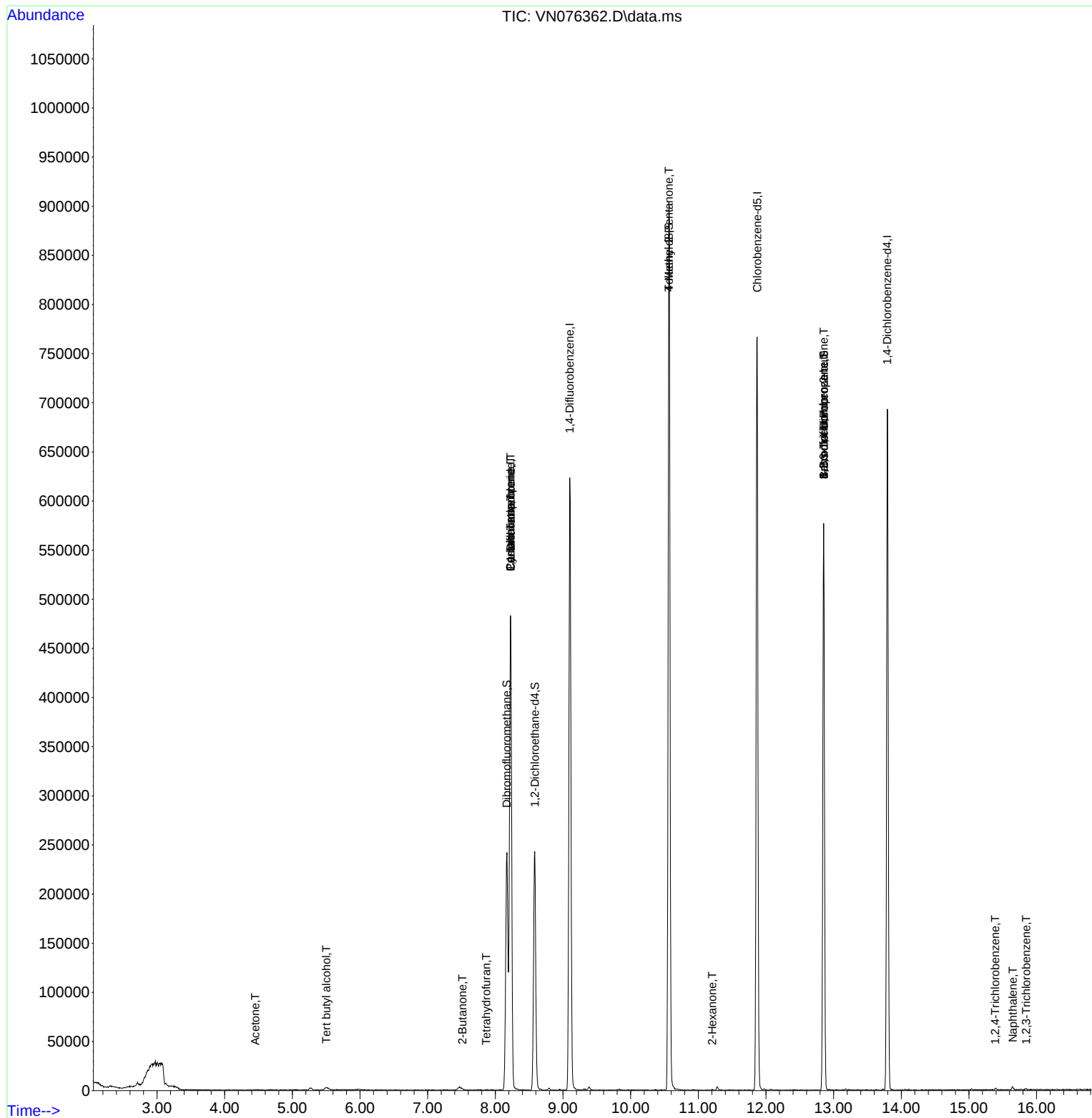
Internal Standards						
1) Pentafluorobenzene	8.224	168	364558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	569790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	469907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	191931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	195212	47.824	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.640%		
35) Dibromofluoromethane	8.171	113	171994	48.255	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.500%		
50) Toluene-d8	10.565	98	651004	49.456	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.920%		
62) 4-Bromofluorobenzene	12.853	95	192090	44.701	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.400%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.500	59	1501	2.749	ug/l #	72
16) Acetone	4.453	43	445	0.267	ug/l #	41
20) Methylene Chloride	5.265	84	1885	Below Cal	#	90
25) 2-Butanone	7.512	43	459	0.230	ug/l #	40
29) Tetrahydrofuran	7.865	42	390	0.316	ug/l #	52
31) Cyclohexane	8.224	56	7526	1.200	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	26377	5.208	ug/l #	49
38) Carbon Tetrachloride	8.224	117	37158	6.579	ug/l #	15
51) 4-Methyl-2-Pentanone	10.565	43	2381	0.614	ug/l #	1
59) 2-Hexanone	11.206	43	620	0.221	ug/l	70
71) Bromoform	12.853	173	1355	0.508	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	103188	29.116	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	103188	89.453	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.388	180	755	1.523	ug/l	81
95) Naphthalene	15.647	128	3449	2.172	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.847	180	656	1.354	ug/l #	81

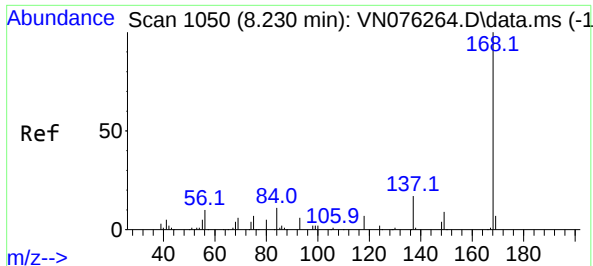
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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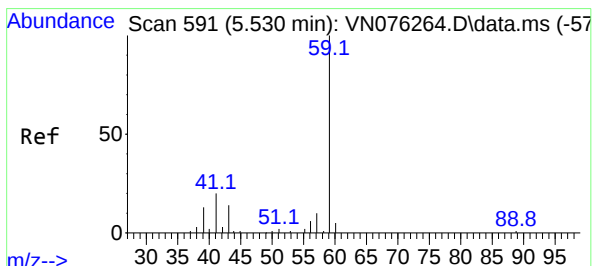
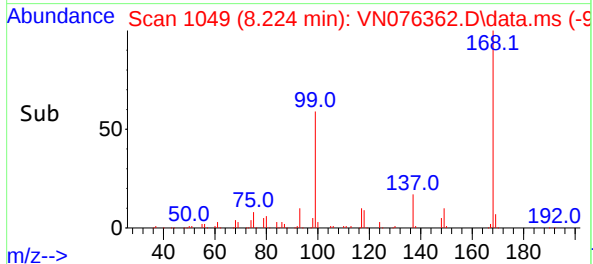
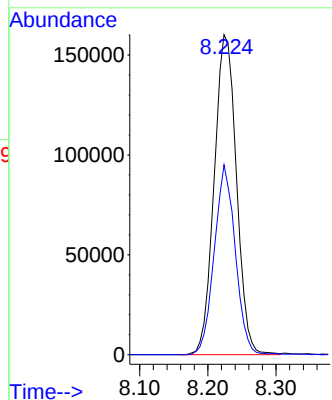
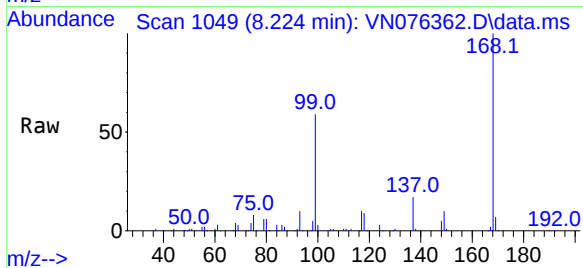




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

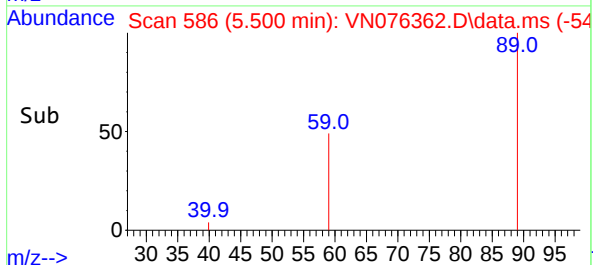
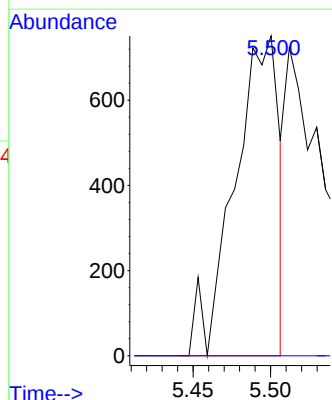
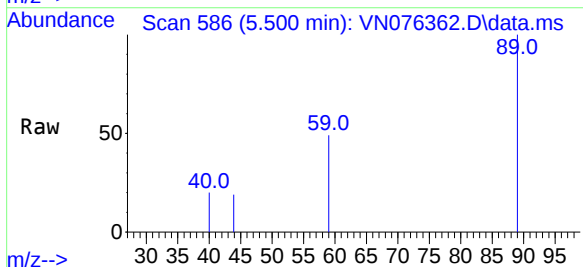
Instrument :
MSVOA_N
ClientSampleId :
B-P37A

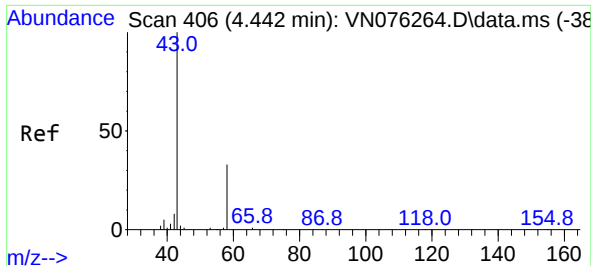
Tgt Ion:168 Resp: 364558
Ion Ratio Lower Upper
168 100
99 59.3 41.6 62.4



#11
Tert butyl alcohol
Concen: 2.749 ug/l
RT: 5.500 min Scan# 586
Delta R.T. -0.030 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

Tgt Ion: 59 Resp: 1501
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

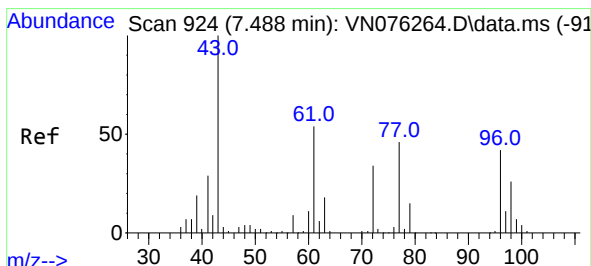
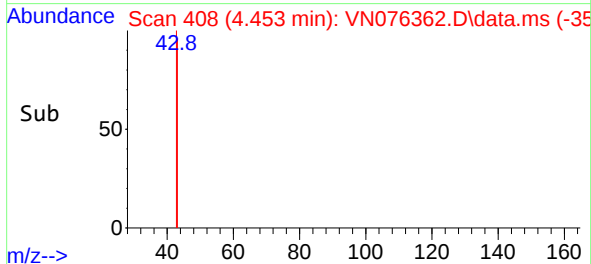
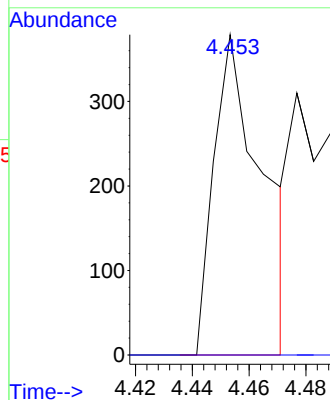
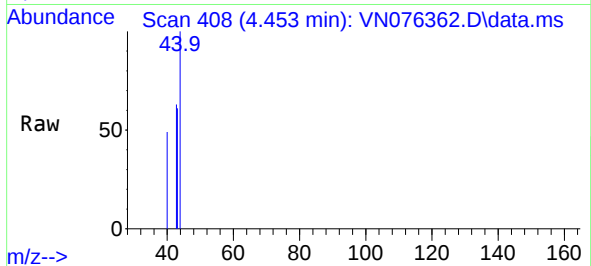




#16
Acetone
Concen: 0.267 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

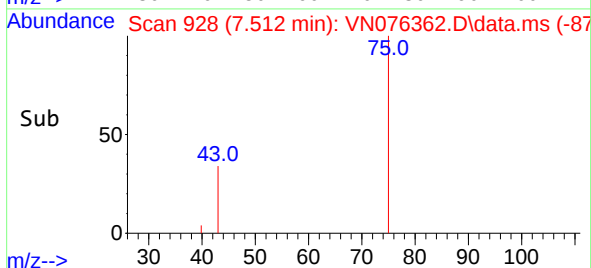
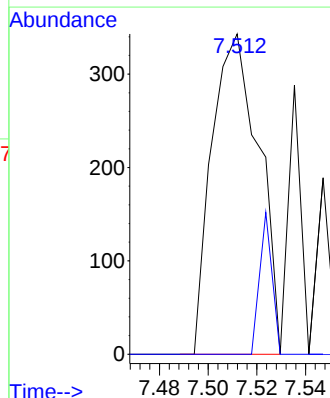
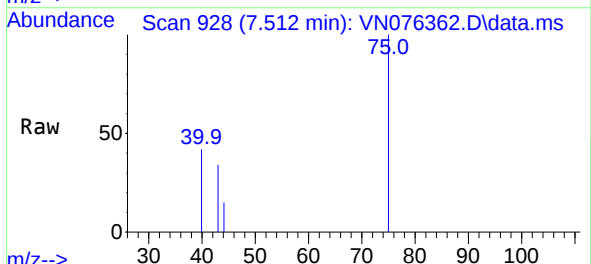
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ClientSampleId :
B-P37A

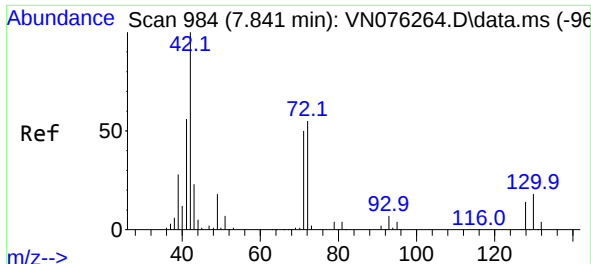
Tgt Ion: 43 Resp: 445
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



#25
2-Butanone
Concen: 0.230 ug/l
RT: 7.512 min Scan# 928
Delta R.T. 0.024 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

Tgt Ion: 43 Resp: 459
Ion Ratio Lower Upper
43 100
72 0.0 27.4 41.2#

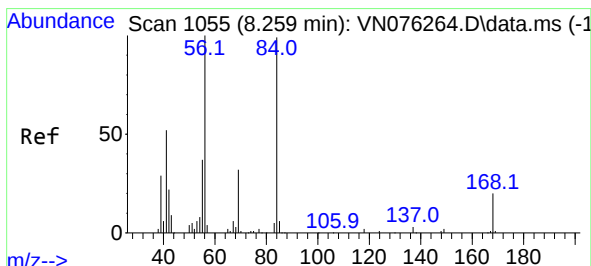
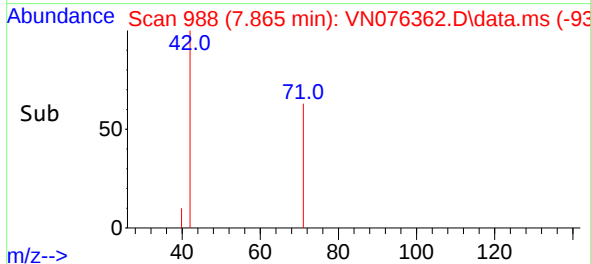
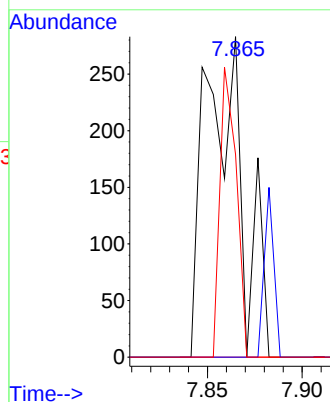
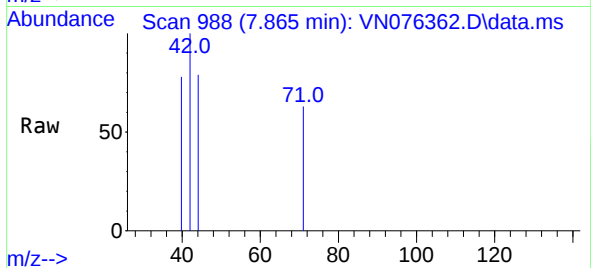




#29
Tetrahydrofuran
Concen: 0.316 ug/l
RT: 7.865 min Scan# 91
Delta R.T. 0.024 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

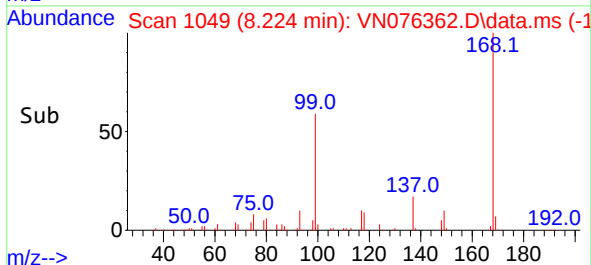
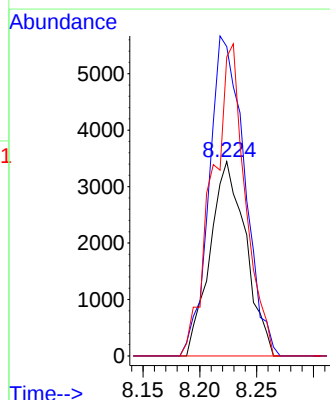
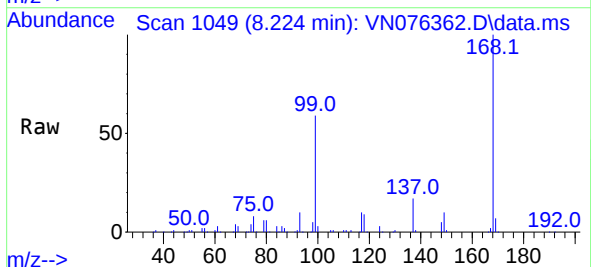
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MSVOA_N
ClientSampleId :
B-P37A

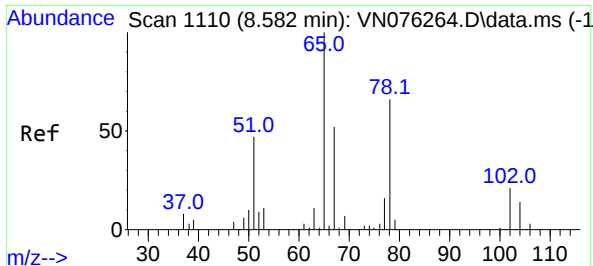
Tgt Ion: 42 Resp: 390
Ion Ratio Lower Upper
42 100
72 0.0 44.0 66.0#
71 39.5 41.1 61.7#



#31
Cyclohexane
Concen: 1.200 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

Tgt Ion: 56 Resp: 7526
Ion Ratio Lower Upper
56 100
69 159.1 25.8 38.8#
84 160.6 79.0 118.4#

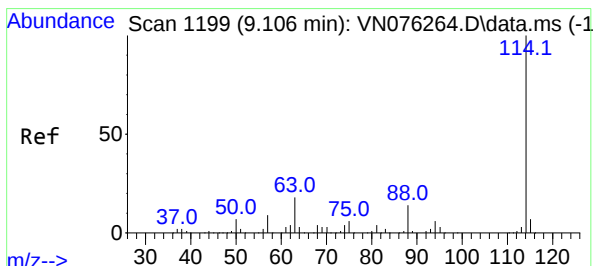
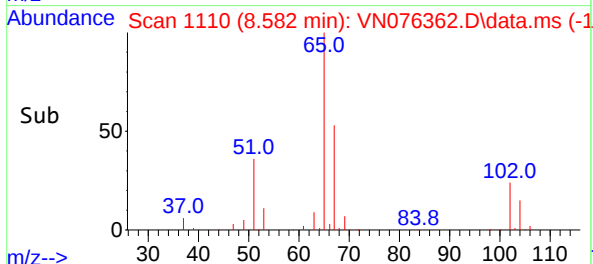
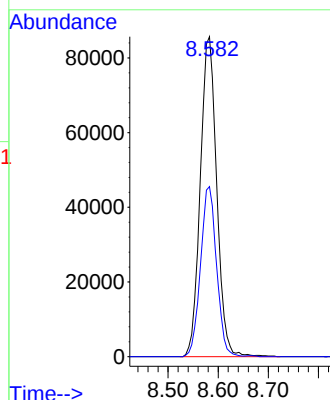
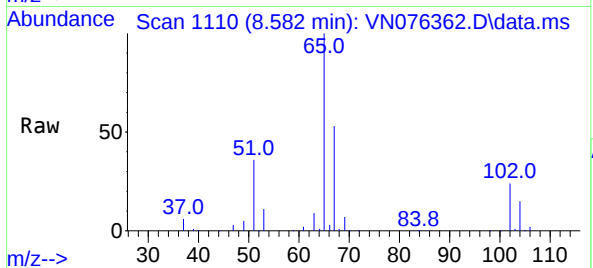




#33
1,2-Dichloroethane-d4
Concen: 47.824 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

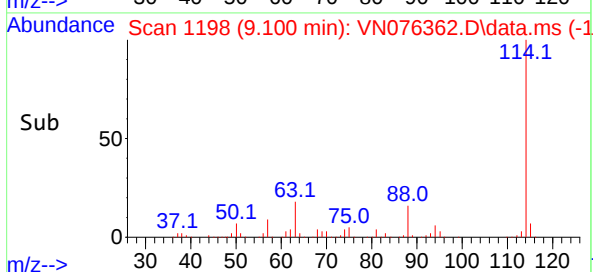
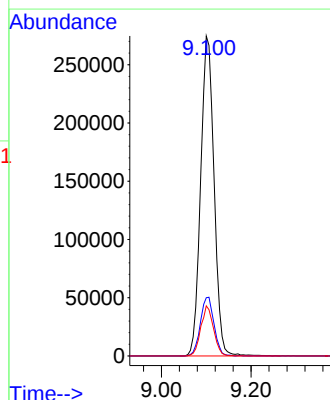
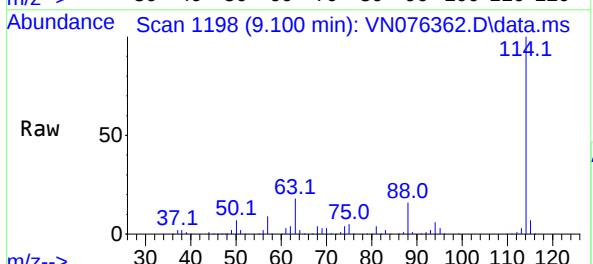
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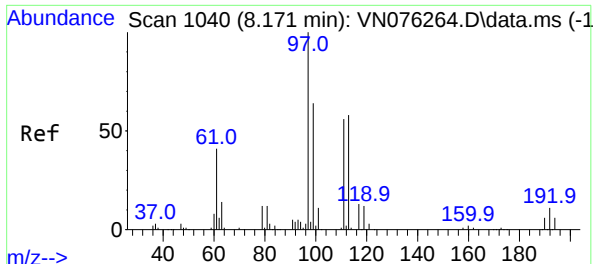
Tgt Ion: 65 Resp: 195212
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1198
Delta R.T. -0.006 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

Tgt Ion: 114 Resp: 569790
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.8
88 15.6 0.0 28.0

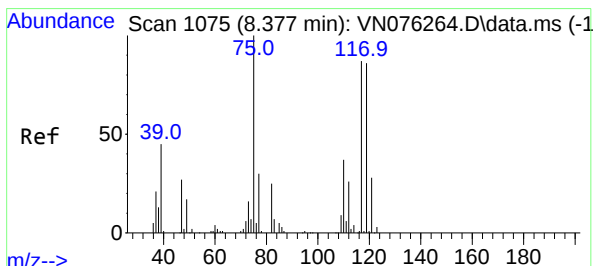
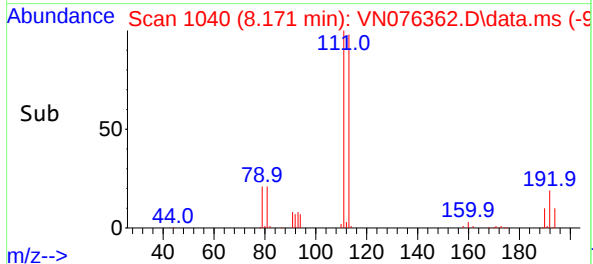
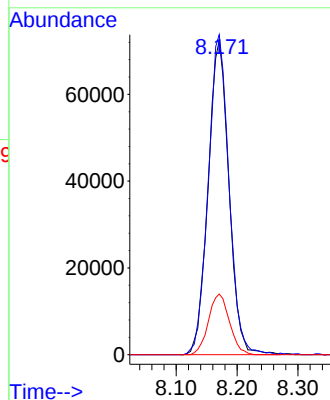
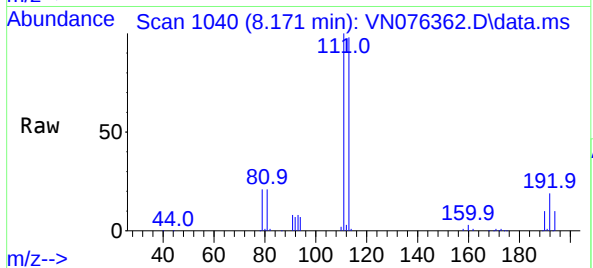




#35
Dibromofluoromethane
Concen: 48.255 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

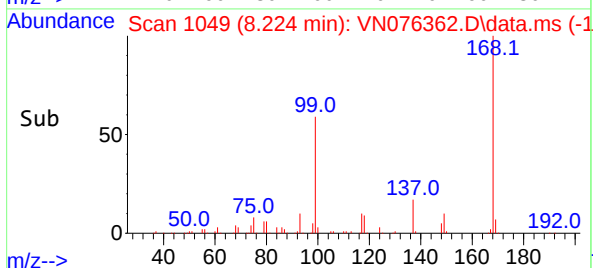
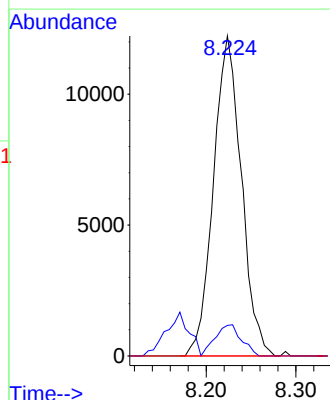
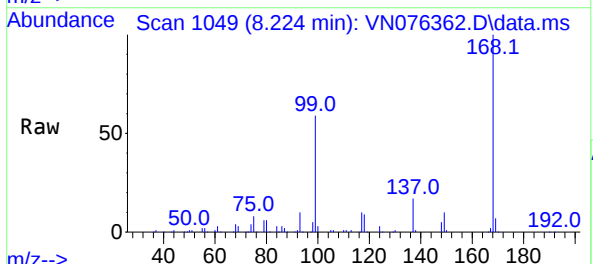
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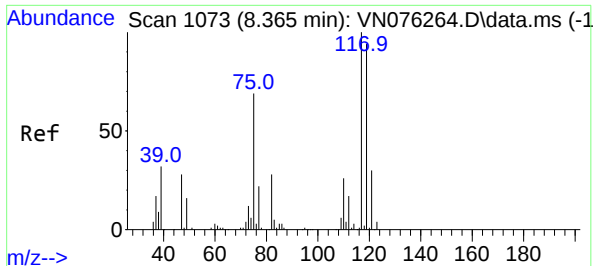
Tgt Ion:113 Resp: 171994
Ion Ratio Lower Upper
113 100
111 101.6 82.7 124.1
192 19.5 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.208 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.153 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

Tgt Ion: 75 Resp: 26377
Ion Ratio Lower Upper
75 100
110 9.2 18.8 56.3#
77 0.0 25.0 37.4#

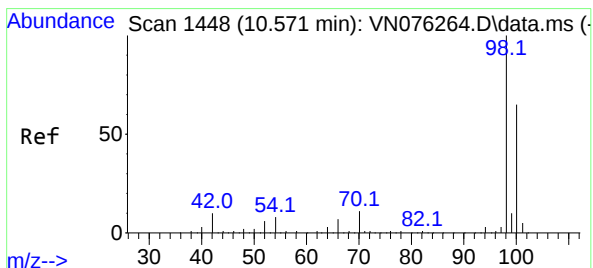
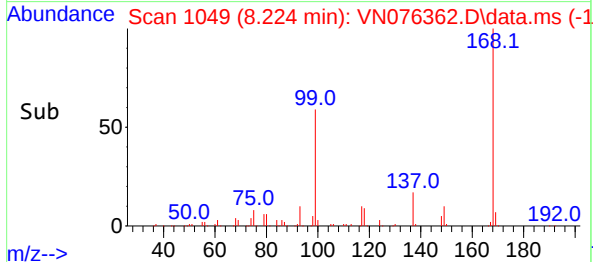
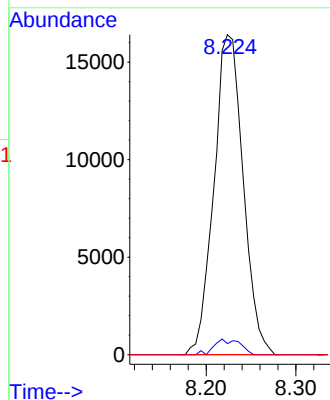
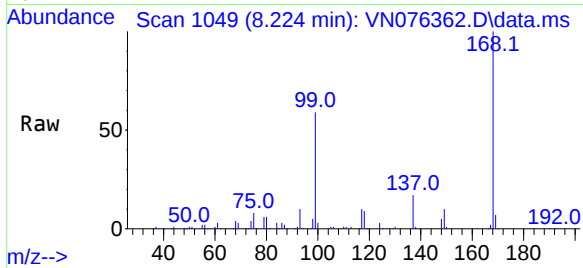




#38
Carbon Tetrachloride
Concen: 6.579 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.141 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

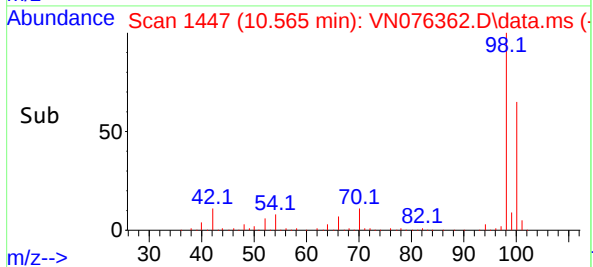
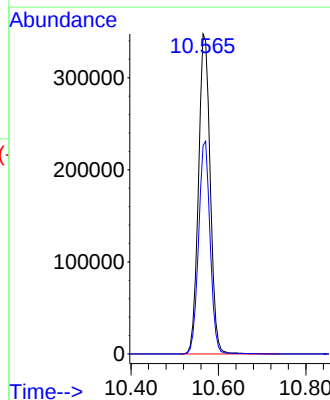
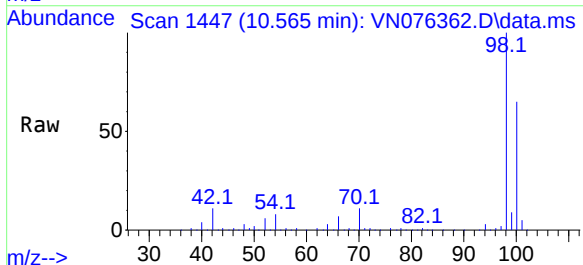
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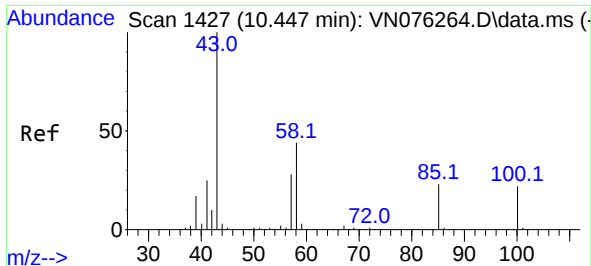
Tgt Ion:117 Resp: 37158
Ion Ratio Lower Upper
117 100
119 3.5 75.4 113.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.456 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

Tgt Ion: 98 Resp: 651004
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4

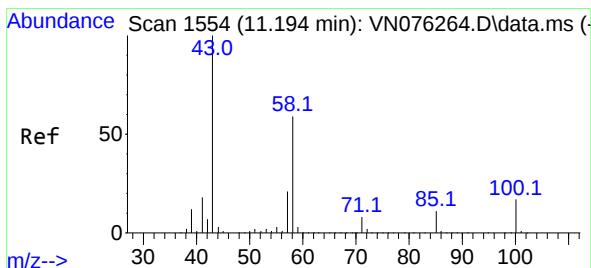
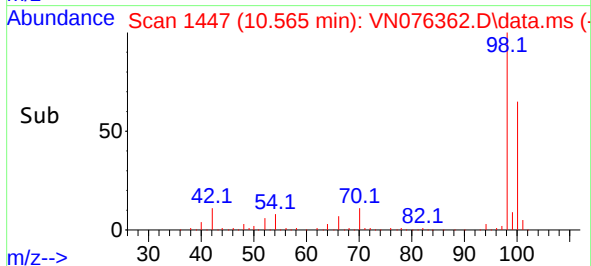
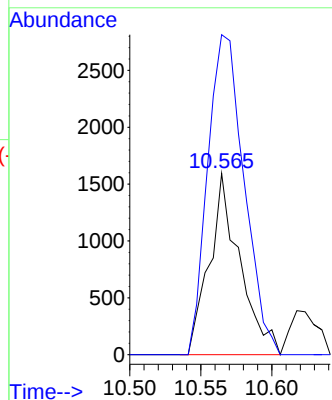
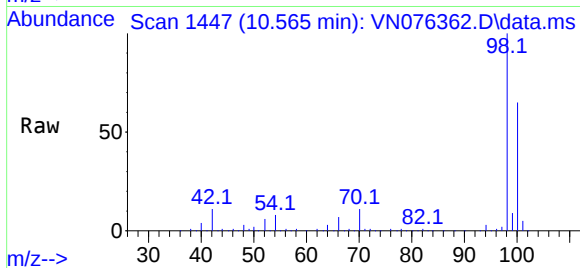




#51
4-Methyl-2-Pentanone
Concen: 0.614 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. 0.118 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

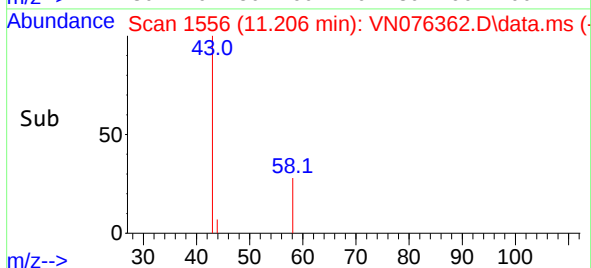
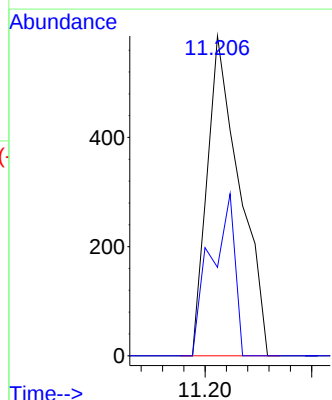
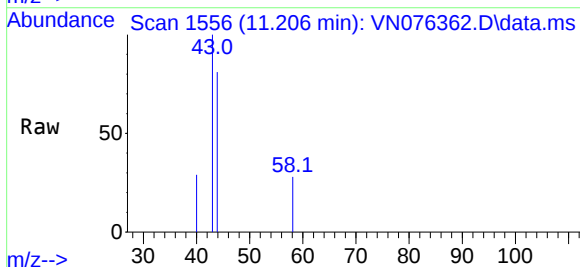
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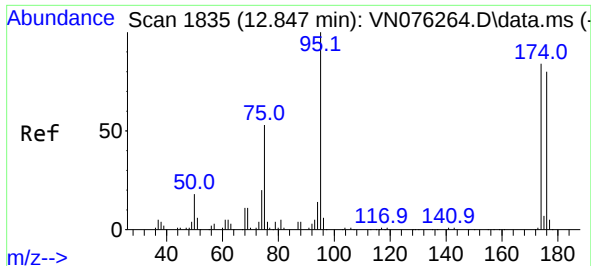
Tgt Ion: 43 Resp: 2381
Ion Ratio Lower Upper
43 100
58 210.9 35.1 52.7#



#59
2-Hexanone
Concen: 0.221 ug/l
RT: 11.206 min Scan# 1556
Delta R.T. 0.012 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

Tgt Ion: 43 Resp: 620
Ion Ratio Lower Upper
43 100
58 37.4 30.1 90.3

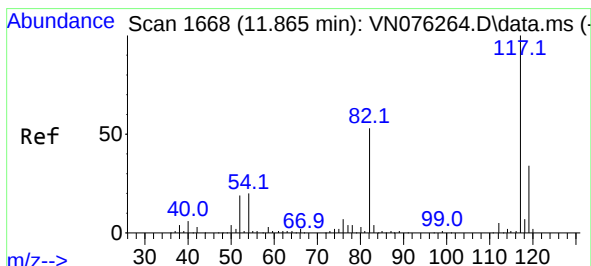
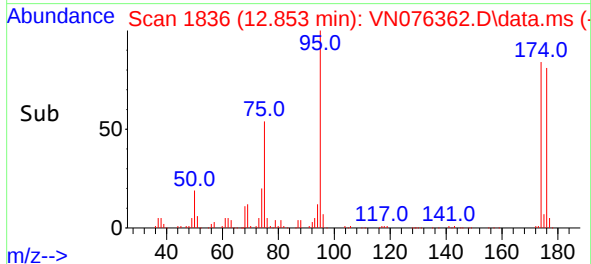
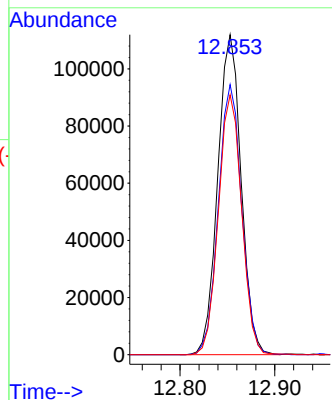
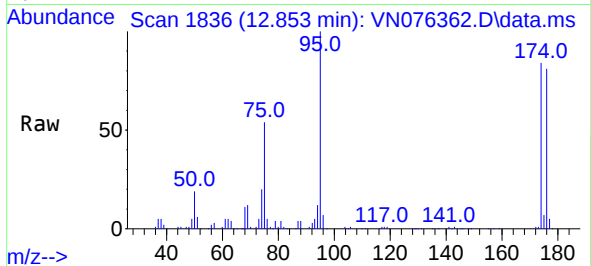




#62
4-Bromofluorobenzene
Concen: 44.701 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

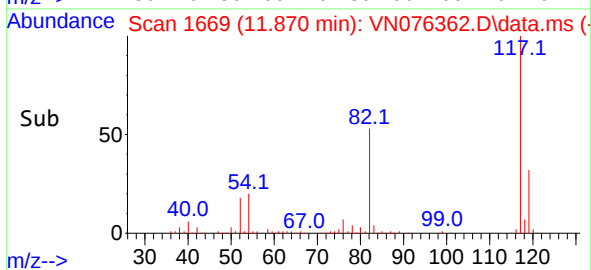
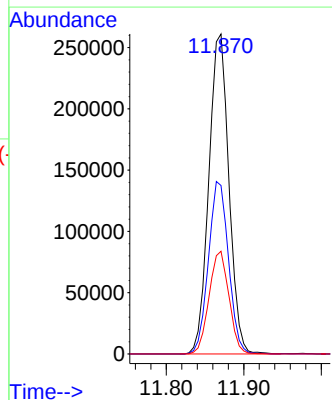
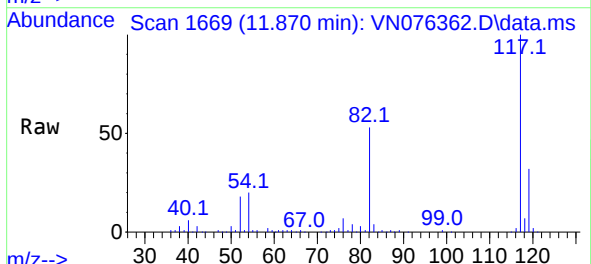
Instrument :
MSVOA_N
ClientSampleId :
B-P37A

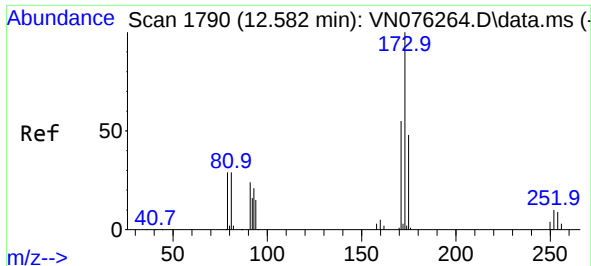
Tgt Ion: 95 Resp: 192090
Ion Ratio Lower Upper
95 100
174 84.5 0.0 174.6
176 80.7 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

Tgt Ion: 117 Resp: 469907
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.2
119 32.1 26.9 40.3

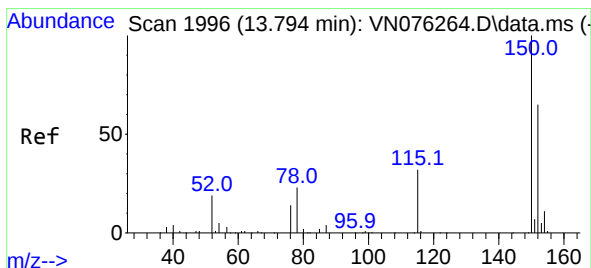
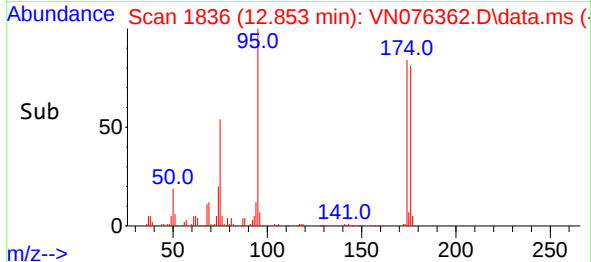
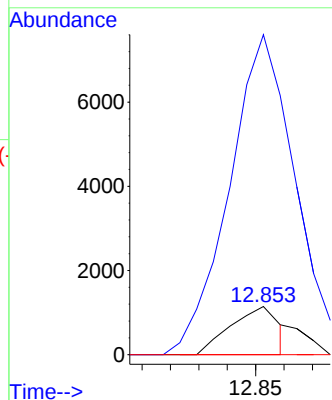
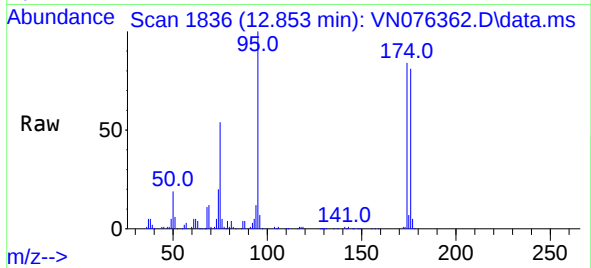




#71
Bromoform
Concen: 0.508 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

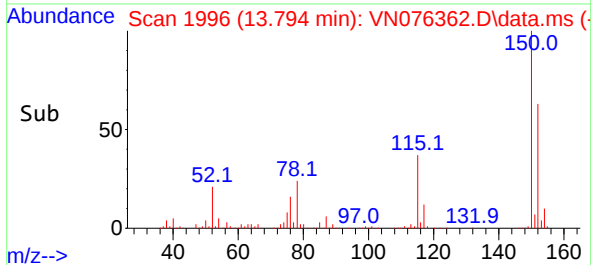
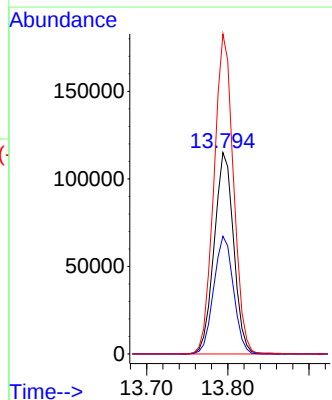
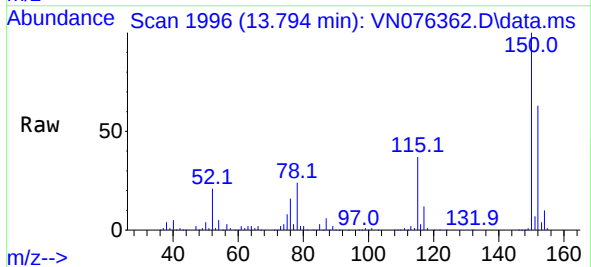
Instrument :
MSVOA_N
ClientSampleId :
B-P37A

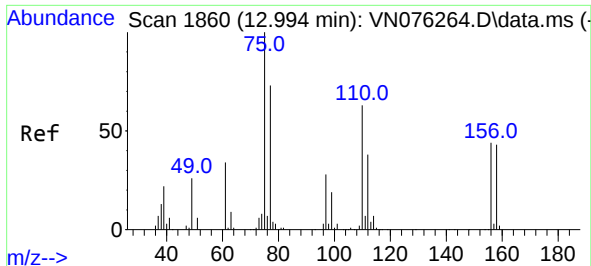
Tgt Ion:173 Resp: 1355
Ion Ratio Lower Upper
173 100
175 722.9 24.1 72.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

Tgt Ion:152 Resp: 191931
Ion Ratio Lower Upper
152 100
115 59.2 29.6 88.9
150 159.4 0.0 351.4

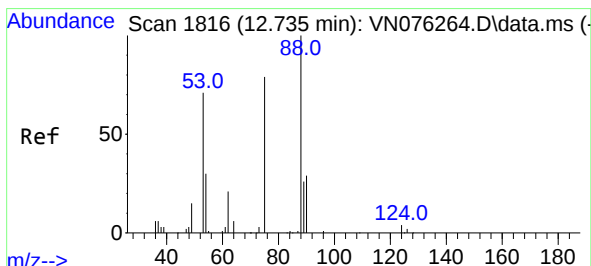
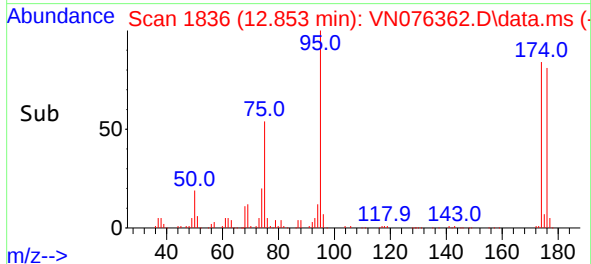
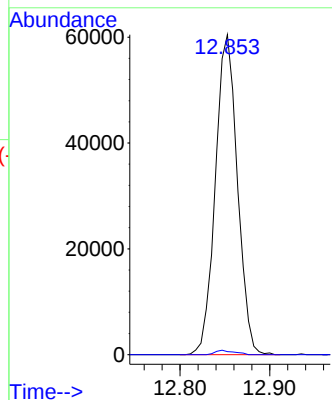
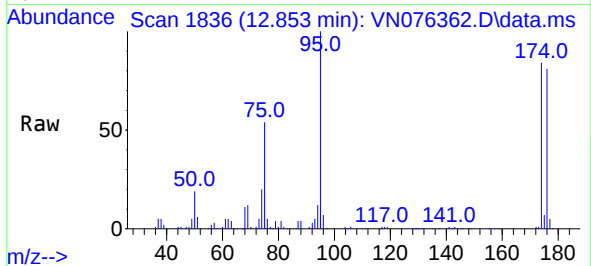




#76
1,2,3-Trichloropropane
Concen: 29.116 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

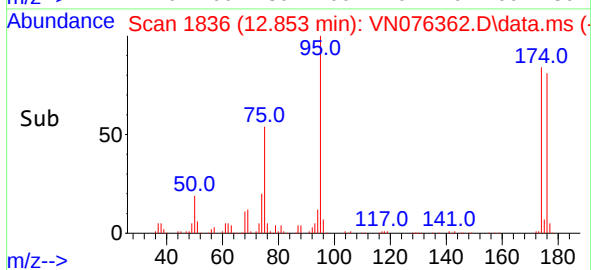
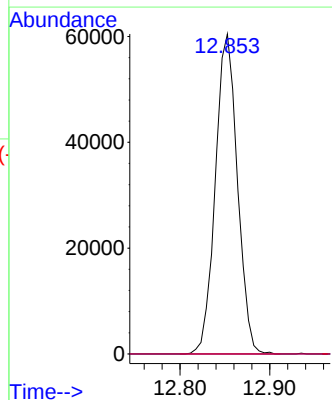
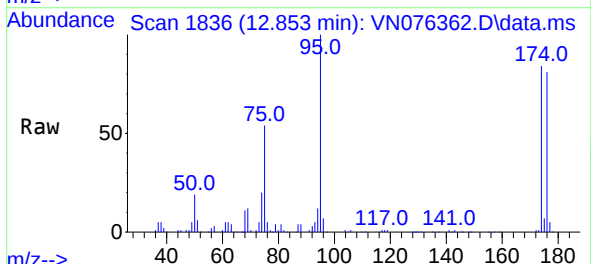
Instrument :
MSVOA_N
ClientSampleId :
B-P37A

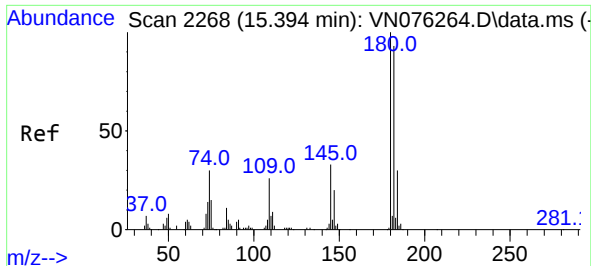
Tgt Ion: 75 Resp: 103188
Ion Ratio Lower Upper
75 100
77 1.2 75.2 225.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.453 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

Tgt Ion: 75 Resp: 103188
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 37.0 55.6#

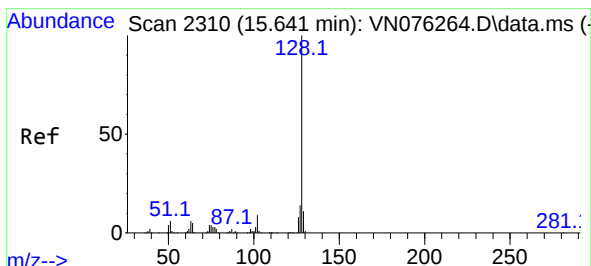
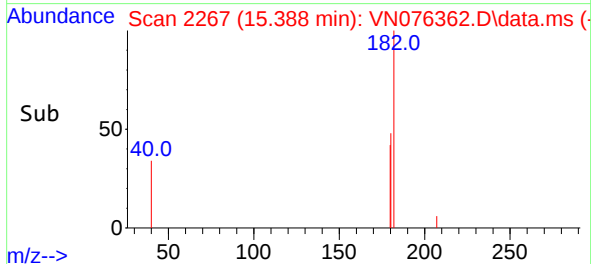
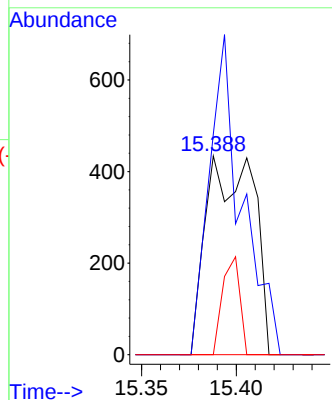
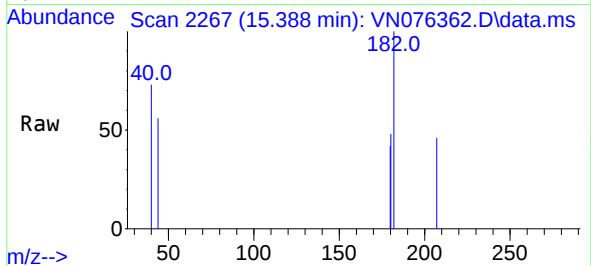




#93
1,2,4-Trichlorobenzene
Concen: 1.523 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

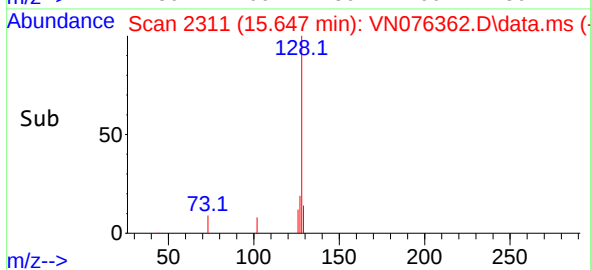
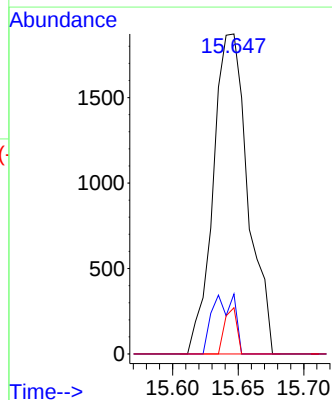
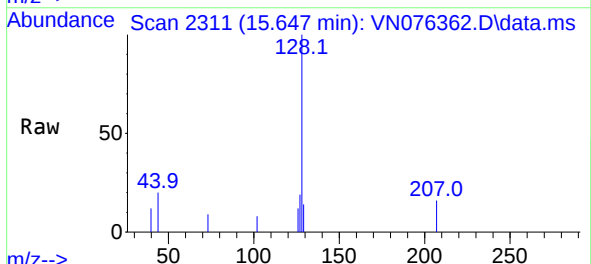
Instrument :
MSVOA_N
ClientSampleId :
B-P37A

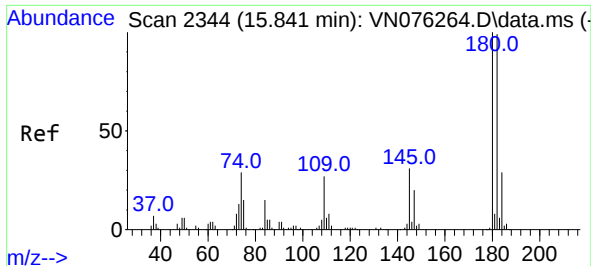
Tgt Ion:180 Resp: 755
Ion Ratio Lower Upper
180 100
182 110.7 47.0 141.2
145 18.0 15.2 45.5



#95
Naphthalene
Concen: 2.172 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

Tgt Ion:128 Resp: 3449
Ion Ratio Lower Upper
128 100
127 11.9 10.3 15.5
129 5.0 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 1.354 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN076362.D

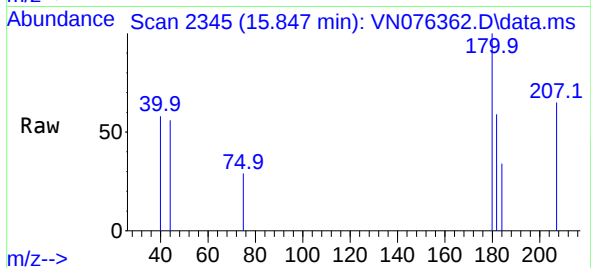
Acq: 23 Jan 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

B-P37A



Tgt Ion:180 Resp: 656

Ion Ratio Lower Upper

180 100

182 89.3 47.5 142.5

145 0.0 15.9 47.6#

