

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040422\
 Data File : VN071823.D
 Acq On : 04 Apr 2022 11:15
 Operator : JC\MD
 Sample : VN0404WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0404WBL01

Quant Time: Apr 05 01:15:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

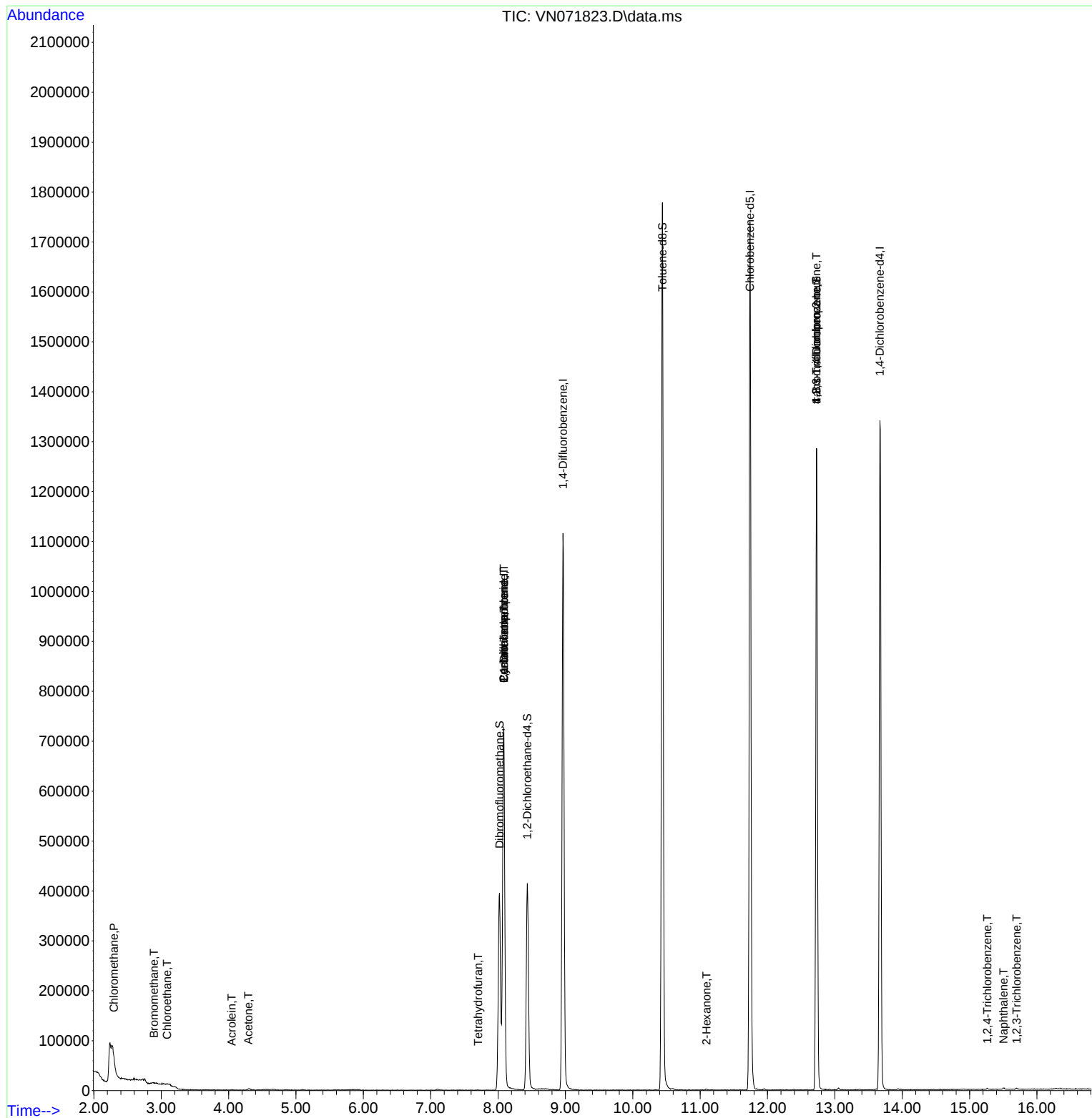
Internal Standards						
1) Pentafluorobenzene	8.087	168	600077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1037397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1067599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	402537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	344136	50.235	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.460%			
35) Dibromofluoromethane	8.022	113	298417	48.885	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.760%			
50) Toluene-d8	10.439	98	1293565	51.801	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.600%			
62) 4-Bromofluorobenzene	12.727	95	465715	57.664	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 115.320%			
Target Compounds					Qvalue	
3) Chloromethane	2.299	50	3012	0.498	ug/l	89
5) Bromomethane	2.893	94	2069	0.479	ug/l	95
6) Chloroethane	3.087	64	11454	2.398	ug/l #	50
13) Acrolein	4.046	56	463	0.342	ug/l #	66
16) Acetone	4.293	43	2276	0.777	ug/l	95
18) Methyl Acetate	4.863	43	2347	Below Cal	#	53
29) Tetrahydrofuran	7.704	42	640	0.234	ug/l #	36
31) Cyclohexane	8.087	56	10202	1.095	ug/l #	1
36) 1,1-Dichloropropene	8.087	75	41745	4.897	ug/l #	48
38) Carbon Tetrachloride	8.087	117	53369	6.388	ug/l #	16
59) 2-Hexanone	11.092	43	1919	0.305	ug/l	97
76) 1,2,3-Trichloropropane	12.727	75	223432	23.960	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	223432	74.252	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.263	180	913	2.222	ug/l #	78
95) Naphthalene	15.504	128	3503	3.979	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.698	180	1033	2.573	ug/l #	86

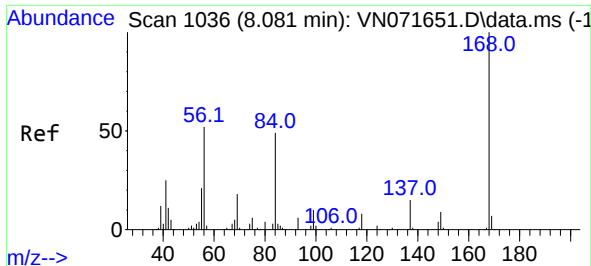
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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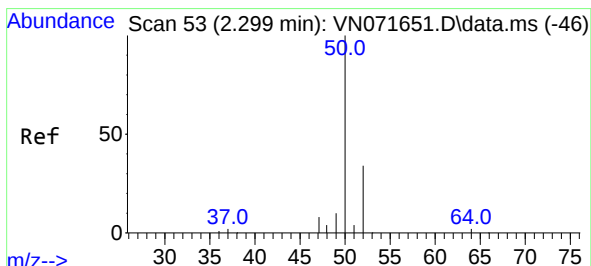
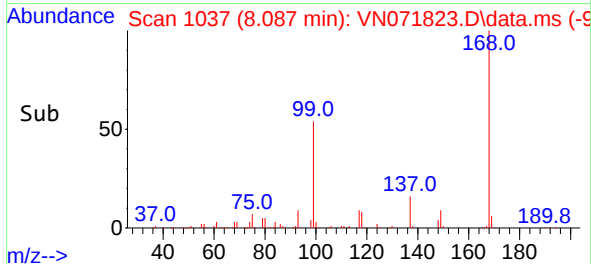
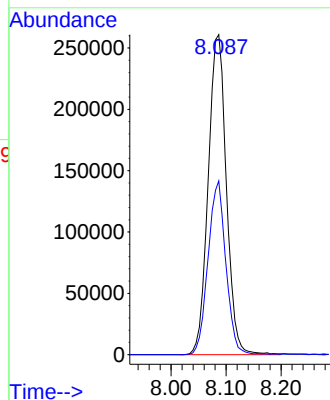
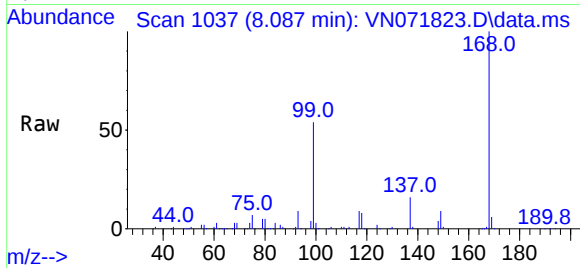




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN071823.D
Acq: 04 Apr 2022 11:15

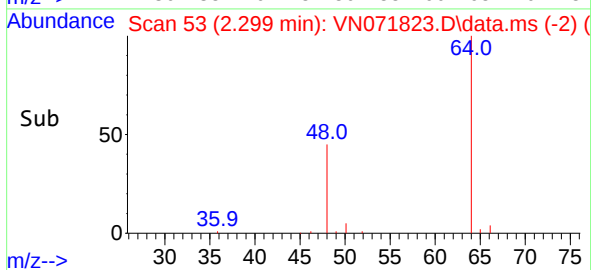
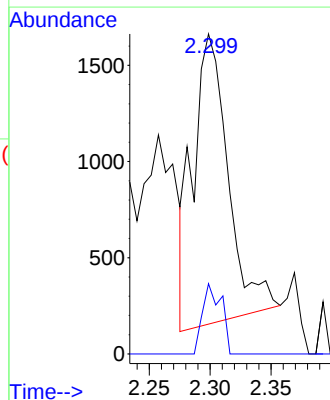
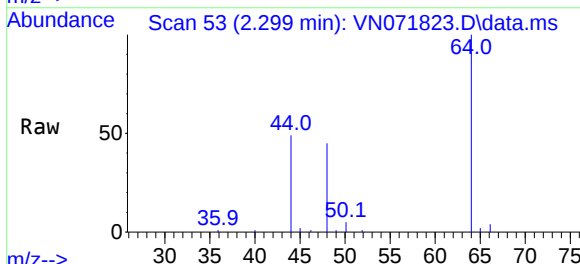
Instrument :
MSVOA_N
ClientSampleId :
VN0404WBL01

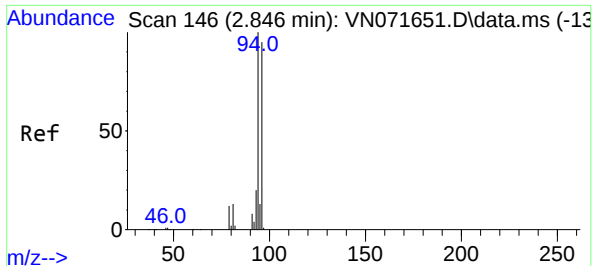
Tgt Ion:168 Resp: 600077
Ion Ratio Lower Upper
168 100
99 54.3 42.3 63.5



#3
Chloromethane
Concen: 0.498 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071823.D
Acq: 04 Apr 2022 11:15

Tgt Ion: 50 Resp: 3012
Ion Ratio Lower Upper
50 100
52 25.9 25.7 38.5

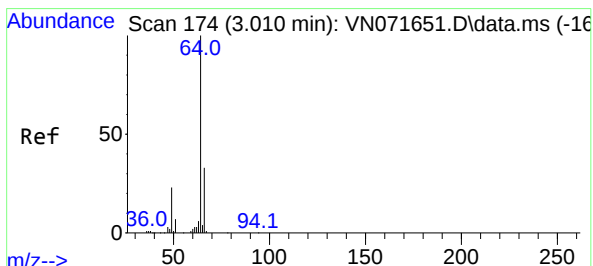
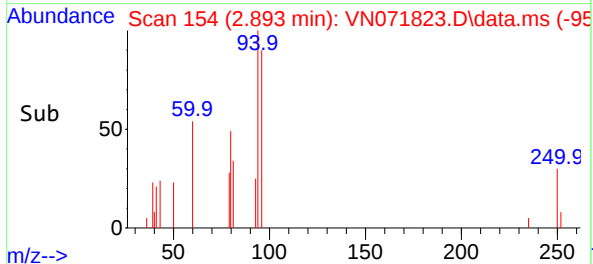
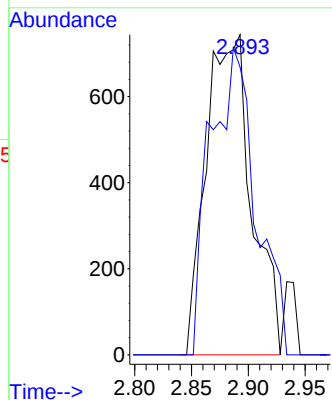
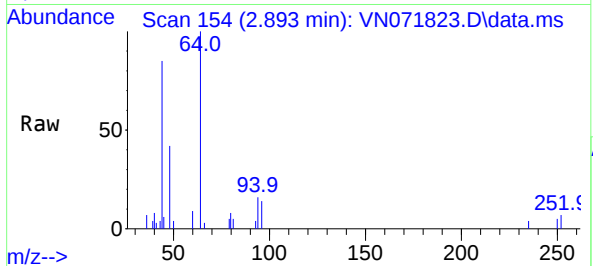




#5
Bromomethane
Concen: 0.479 ug/l
RT: 2.893 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN071823.D
Acq: 04 Apr 2022 11:15

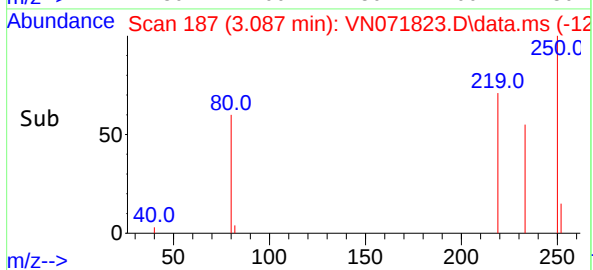
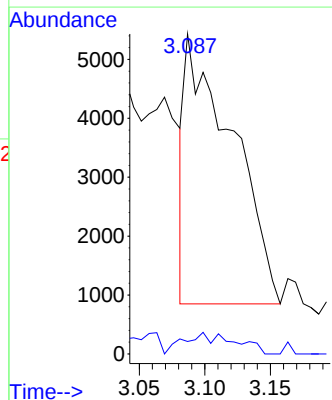
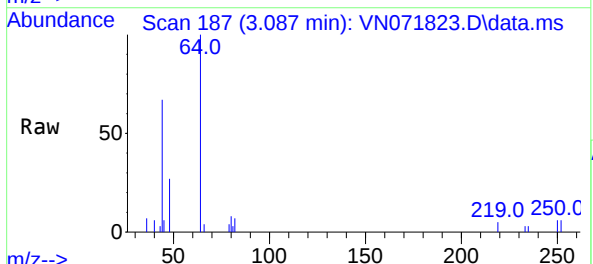
Instrument :
MSVOA_N
ClientSampleId :
VN0404WBL01

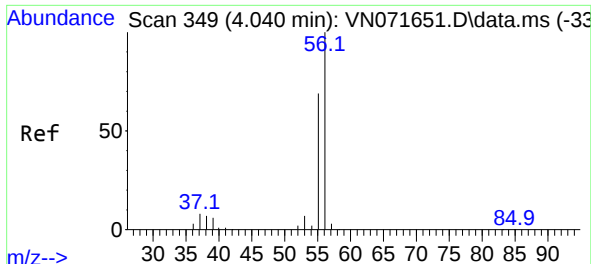
Tgt Ion: 94 Resp: 2069
Ion Ratio Lower Upper
94 100
96 89.9 76.0 114.0



#6
Chloroethane
Concen: 2.398 ug/l
RT: 3.087 min Scan# 187
Delta R.T. 0.077 min
Lab File: VN071823.D
Acq: 04 Apr 2022 11:15

Tgt Ion: 64 Resp: 11454
Ion Ratio Lower Upper
64 100
66 4.6 26.2 39.4#

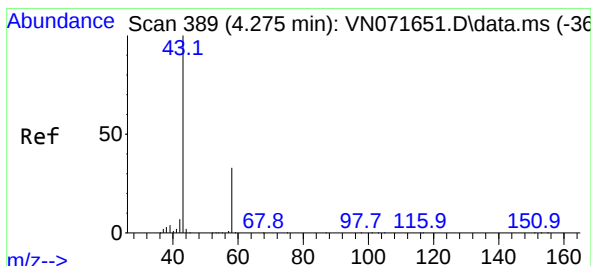
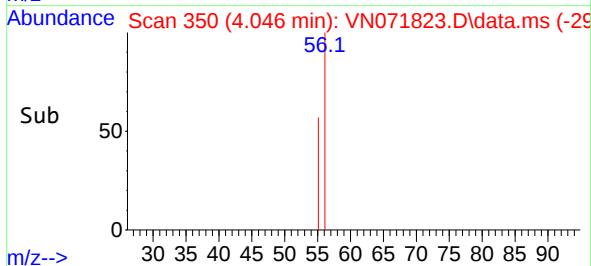
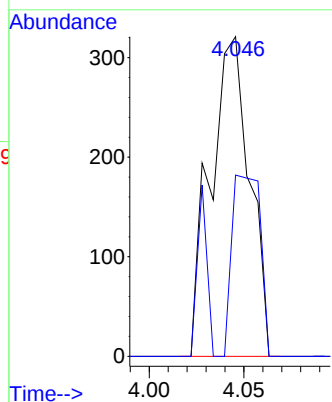
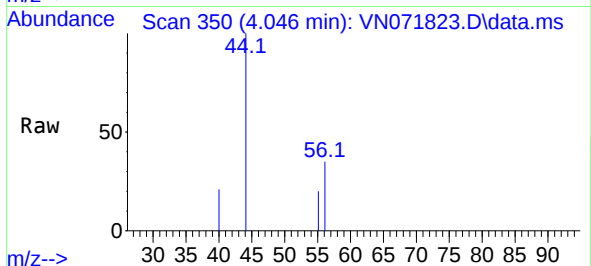




#13
Acrolein
Concen: 0.342 ug/l
RT: 4.046 min Scan# 311
Delta R.T. 0.006 min
Lab File: VN071823.D
Acq: 04 Apr 2022 11:15

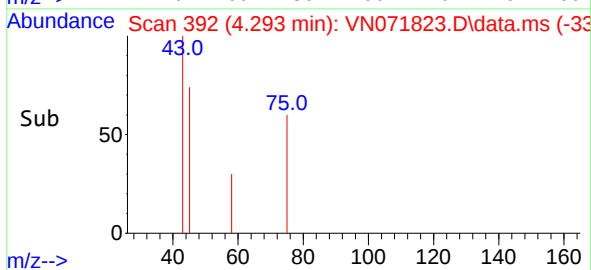
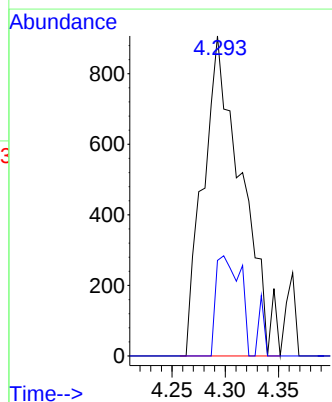
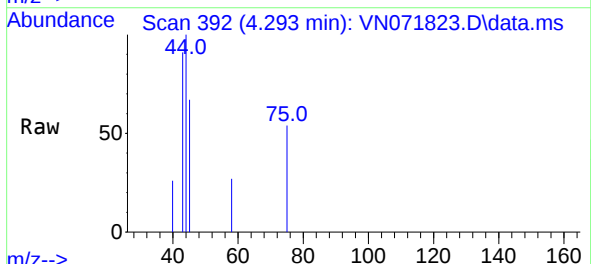
Instrument :
MSVOA_N
ClientSampleId :
VN0404WBL01

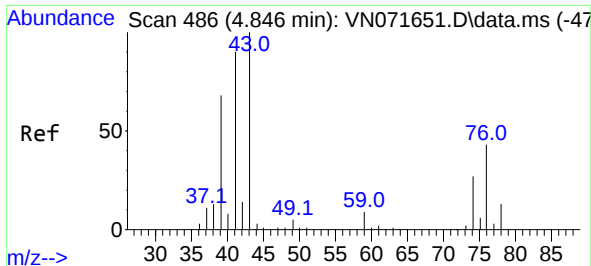
Tgt Ion: 56 Resp: 463
Ion Ratio Lower Upper
56 100
55 41.0 54.8 82.2#



#16
Acetone
Concen: 0.777 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071823.D
Acq: 04 Apr 2022 11:15

Tgt Ion: 43 Resp: 2276
Ion Ratio Lower Upper
43 100
58 29.9 26.0 39.0

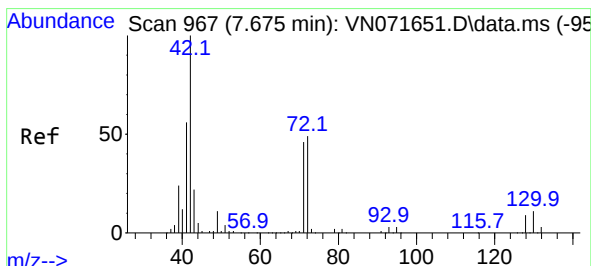
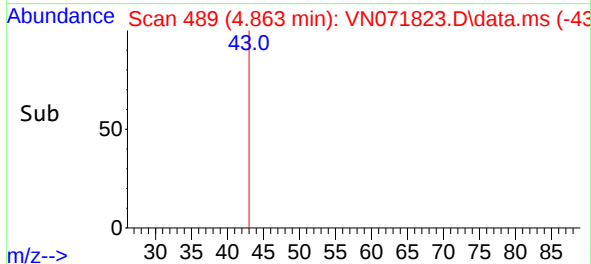
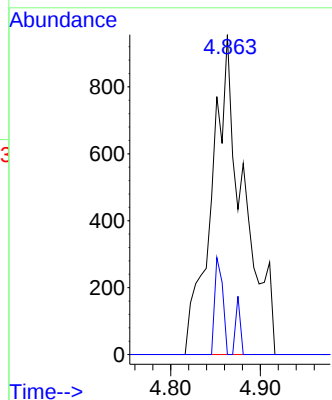
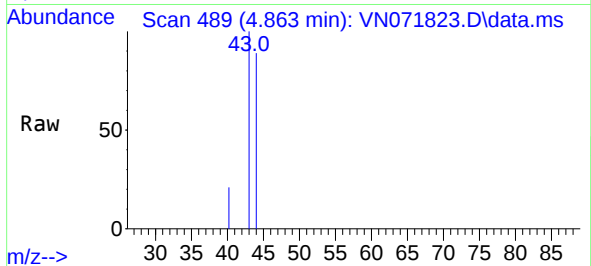




#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN071823.D
Acq: 04 Apr 2022 11:15

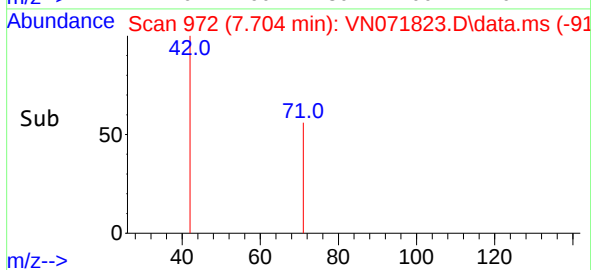
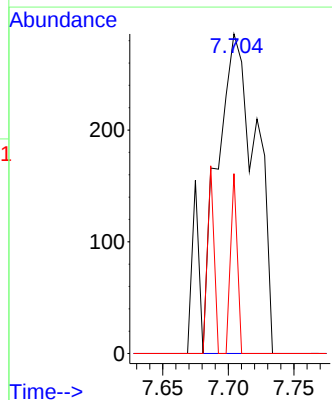
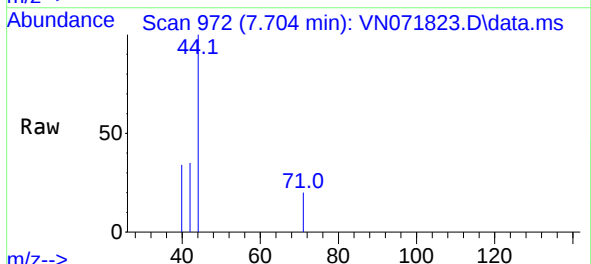
Instrument :
MSVOA_N
ClientSampleId :
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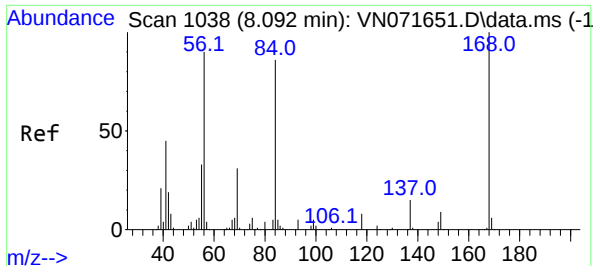
Tgt Ion: 43 Resp: 2347
Ion Ratio Lower Upper
43 100
74 2.6 21.6 32.4#



#29
Tetrahydrofuran
Concen: 0.234 ug/l
RT: 7.704 min Scan# 972
Delta R.T. 0.029 min
Lab File: VN071823.D
Acq: 04 Apr 2022 11:15

Tgt Ion: 42 Resp: 640
Ion Ratio Lower Upper
42 100
72 0.0 39.7 59.5#
71 8.9 36.6 55.0#





#31

Cyclohexane

Concen: 1.095 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. -0.005 min

Lab File: VN071823.D

Acq: 04 Apr 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0404WBL01

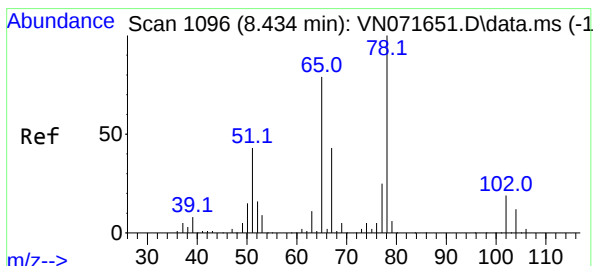
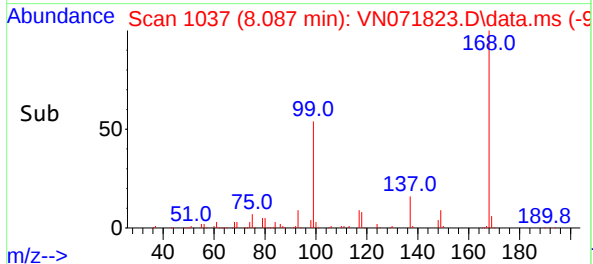
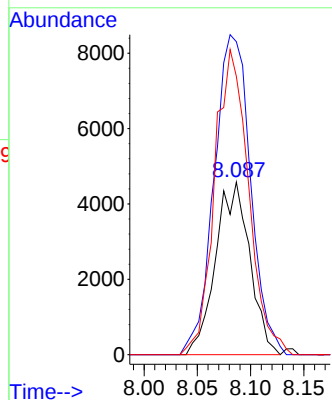
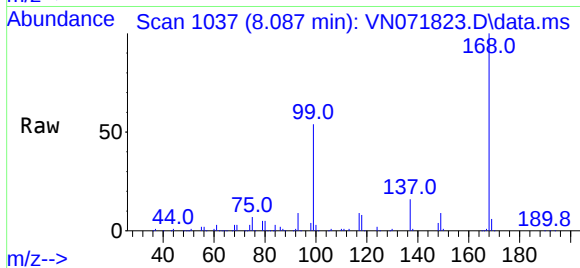
Tgt Ion: 56 Resp: 10202

Ion Ratio Lower Upper

56 100

69 181.3 27.8 41.8#

84 161.2 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 50.235 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071823.D

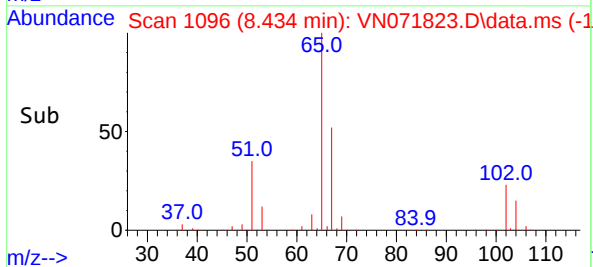
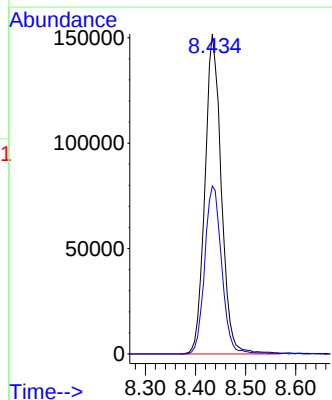
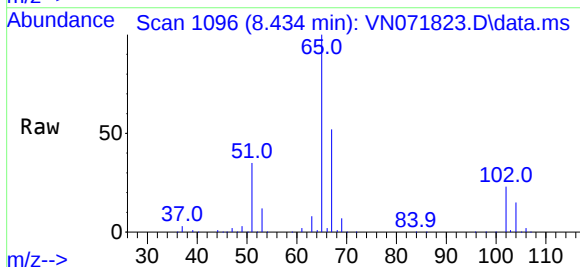
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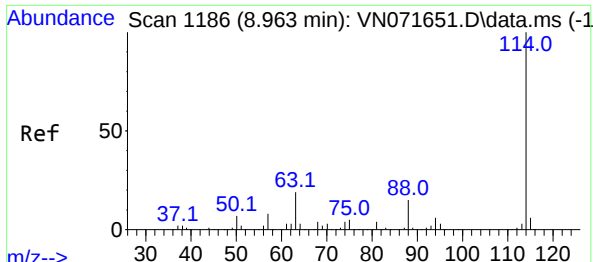
Tgt Ion: 65 Resp: 344136

Ion Ratio Lower Upper

65 100

67 54.5 0.0 104.8

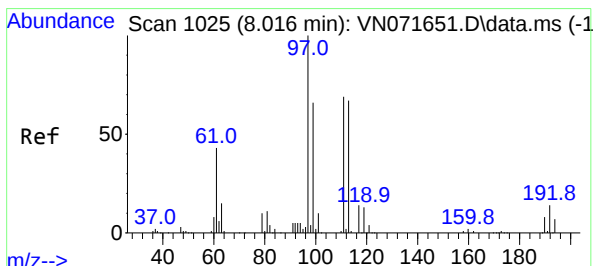
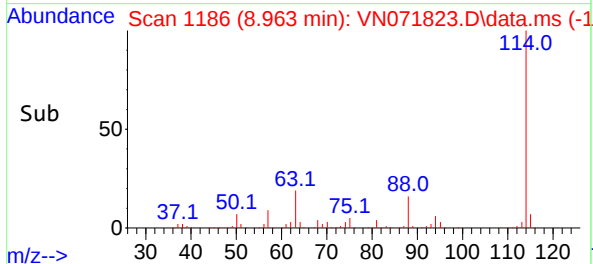
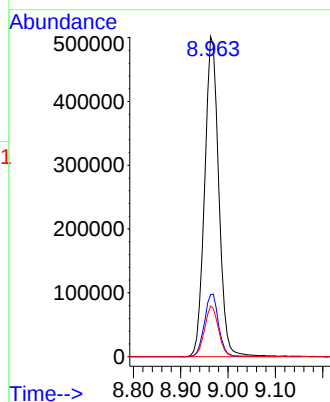
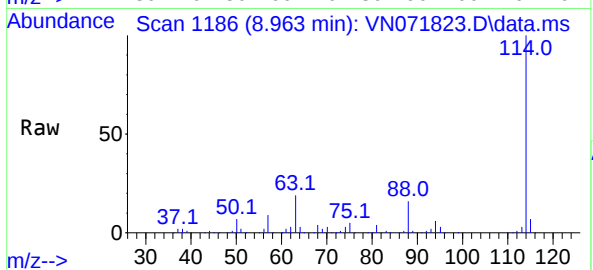




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071823.D
Acq: 04 Apr 2022 11:15

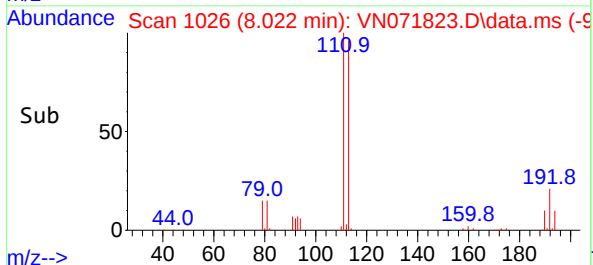
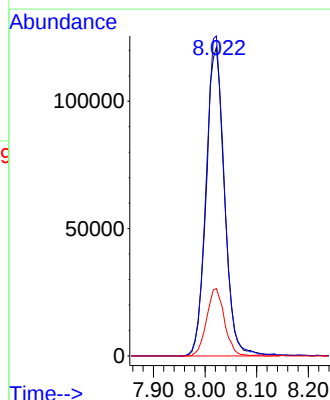
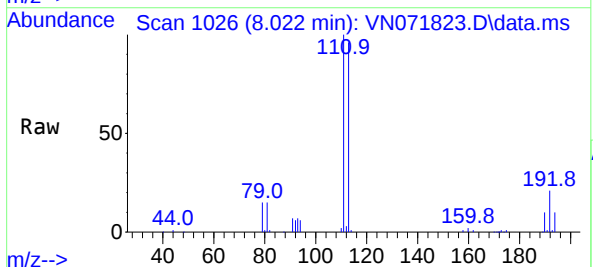
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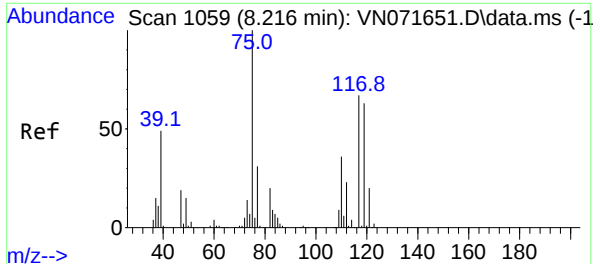
Tgt Ion:114 Resp: 1037397
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.0
88 15.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.885 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071823.D
Acq: 04 Apr 2022 11:15

Tgt Ion:113 Resp: 298417
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 21.3 17.0 25.6

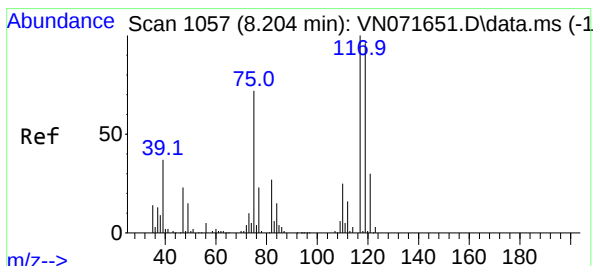
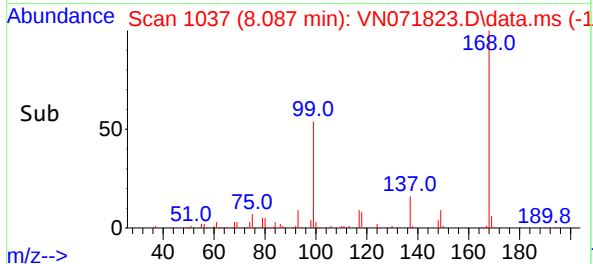
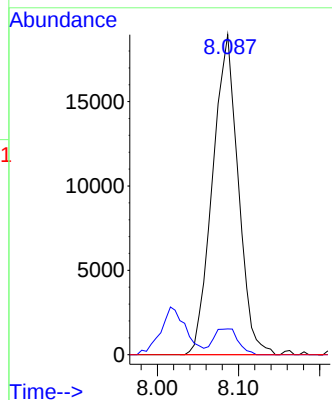
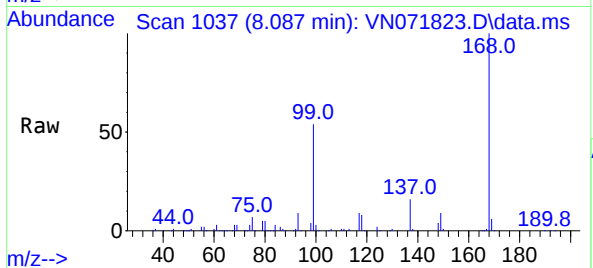




#36
1,1-Dichloropropene
Concen: 4.897 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.129 min
Lab File: VN071823.D
Acq: 04 Apr 2022 11:15

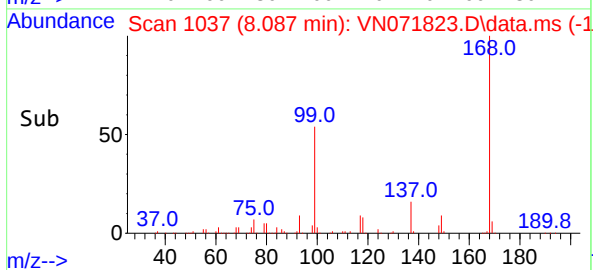
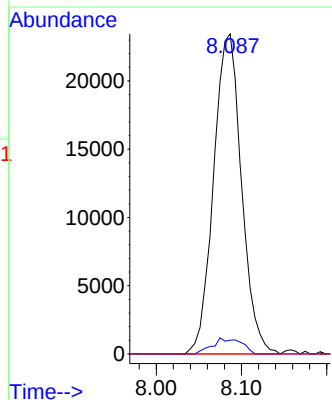
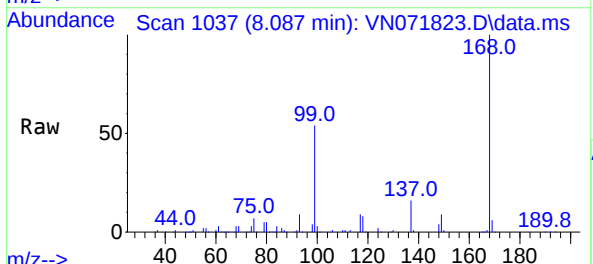
Instrument :
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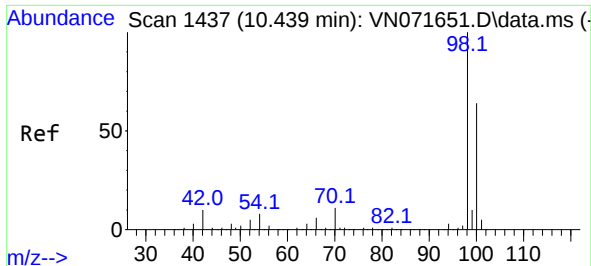
Tgt Ion: 75 Resp: 41745
Ion Ratio Lower Upper
75 100
110 7.8 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.388 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.117 min
Lab File: VN071823.D
Acq: 04 Apr 2022 11:15

Tgt Ion: 117 Resp: 53369
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.8#
121 0.0 24.6 37.0#

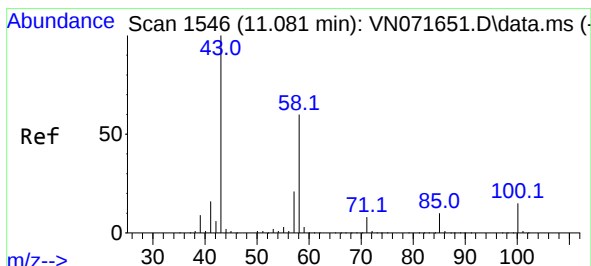
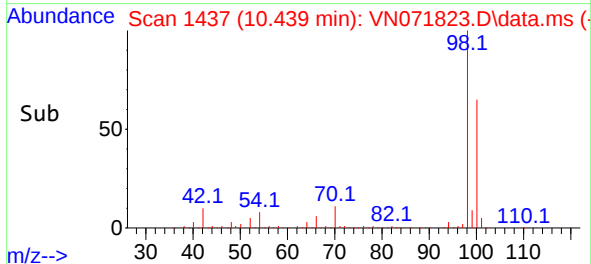
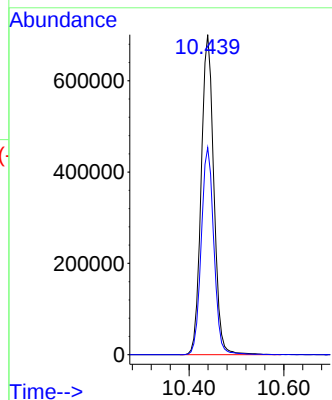
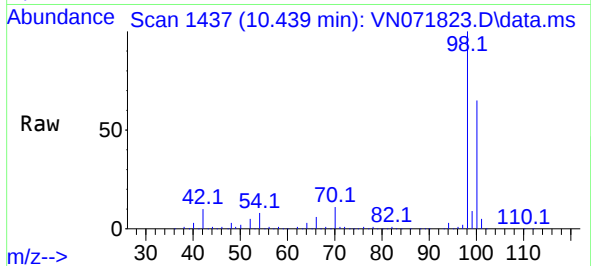




#50
Toluene-d8
Concen: 51.801 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071823.D
Acq: 04 Apr 2022 11:15

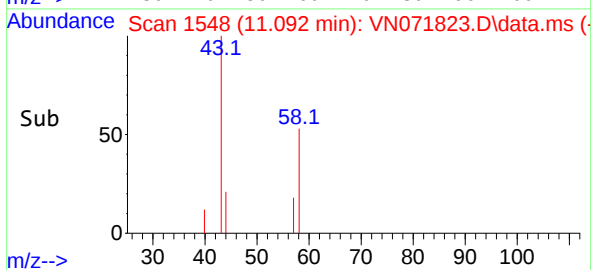
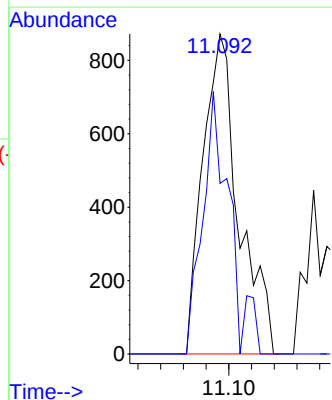
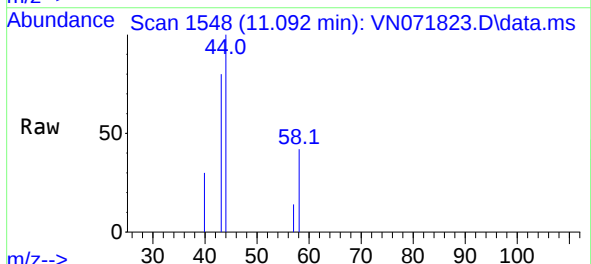
Instrument :
MSVOA_N
ClientSampleId :
VN0404WBL01

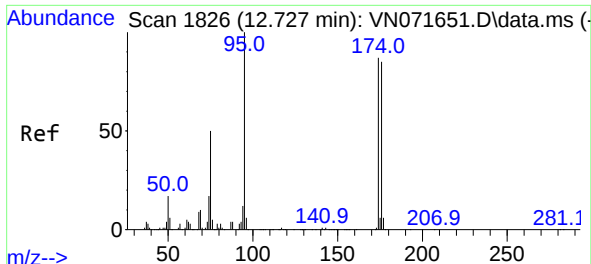
Tgt Ion: 98 Resp: 1293565
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#59
2-Hexanone
Concen: 0.305 ug/l
RT: 11.092 min Scan# 1548
Delta R.T. 0.011 min
Lab File: VN071823.D
Acq: 04 Apr 2022 11:15

Tgt Ion: 43 Resp: 1919
Ion Ratio Lower Upper
43 100
58 61.5 29.7 89.1

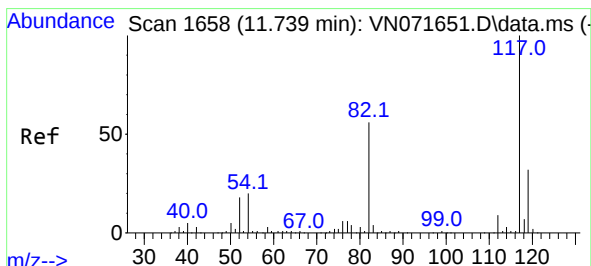
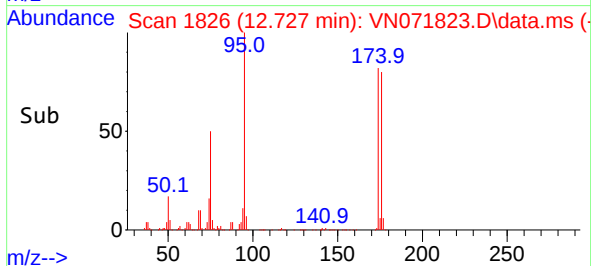
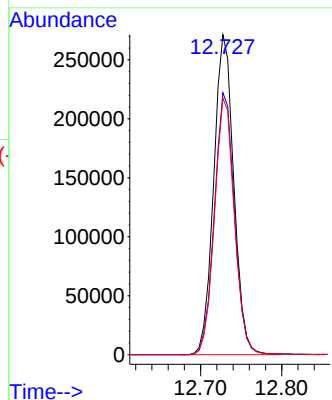
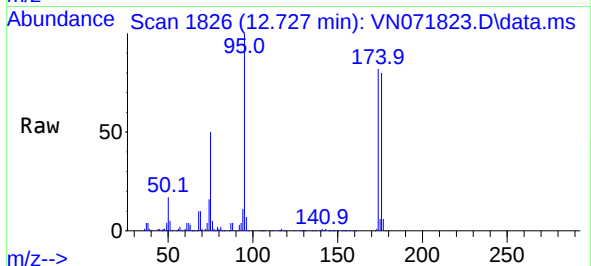




#62
4-Bromofluorobenzene
Concen: 57.664 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071823.D
Acq: 04 Apr 2022 11:15

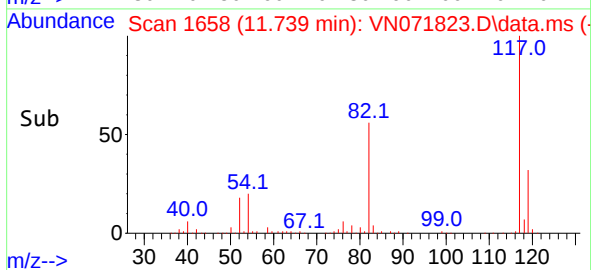
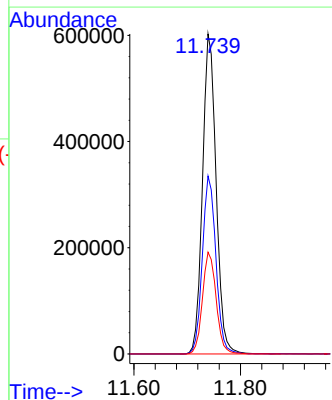
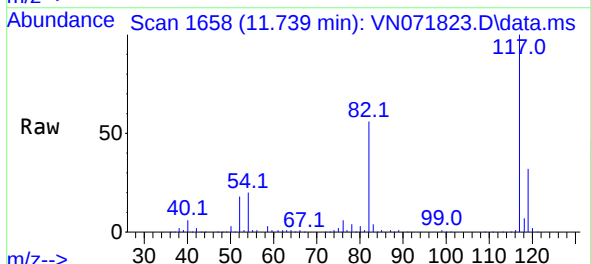
Instrument :
MSVOA_N
ClientSampleId :
VN0404WBL01

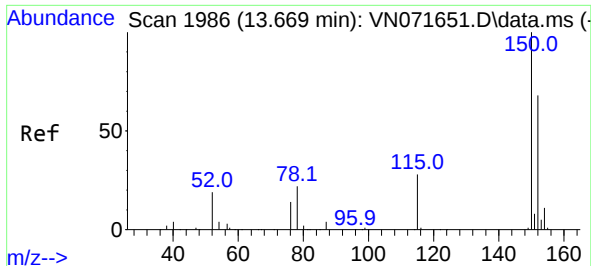
Tgt Ion: 95 Resp: 465715
Ion Ratio Lower Upper
95 100
174 82.5 0.0 167.6
176 79.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071823.D
Acq: 04 Apr 2022 11:15

Tgt Ion: 117 Resp: 1067599
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 31.8 25.4 38.0

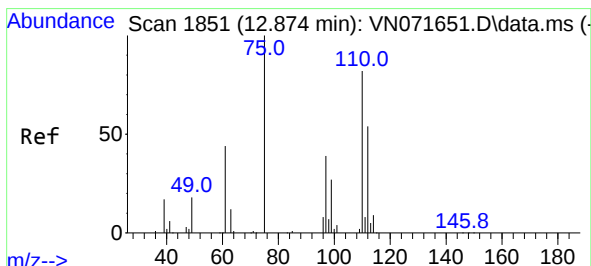
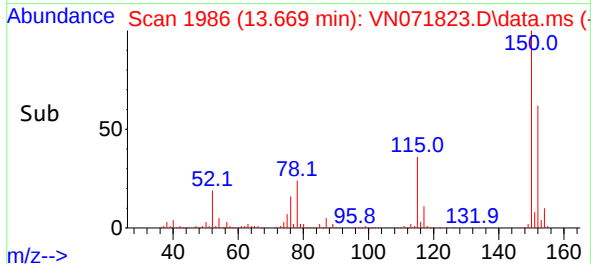
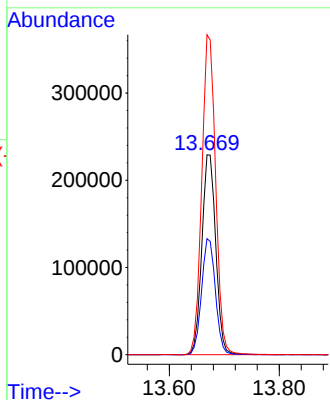
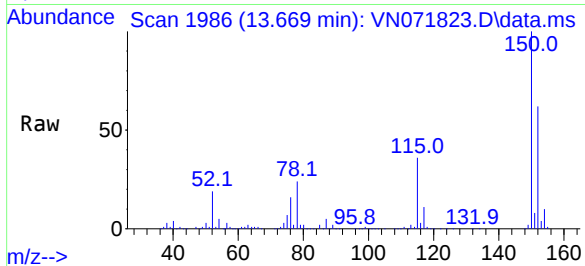




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071823.D
Acq: 04 Apr 2022 11:15

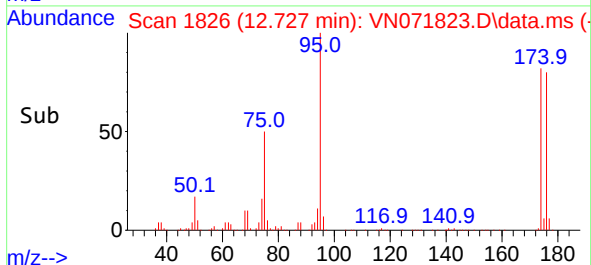
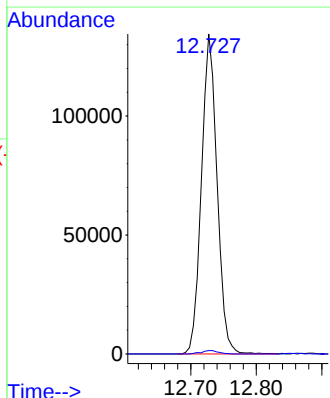
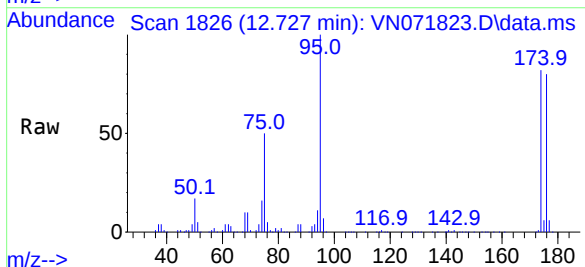
Instrument :
MSVOA_N
ClientSampleId :
VN0404WBL01

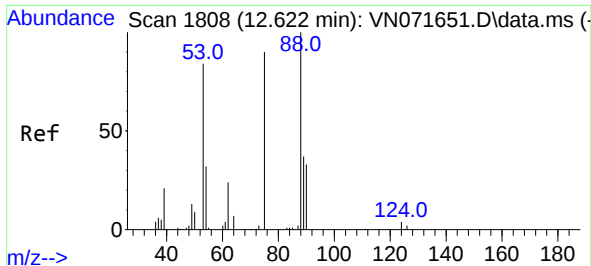
Tgt Ion:152 Resp: 402537
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.7
150 159.2 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 23.960 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071823.D
Acq: 04 Apr 2022 11:15

Tgt Ion: 75 Resp: 223432
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#

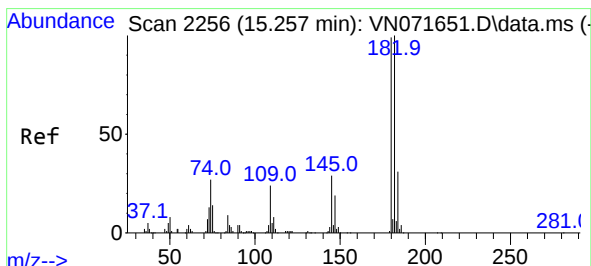
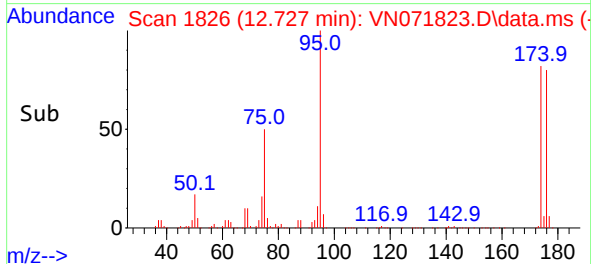
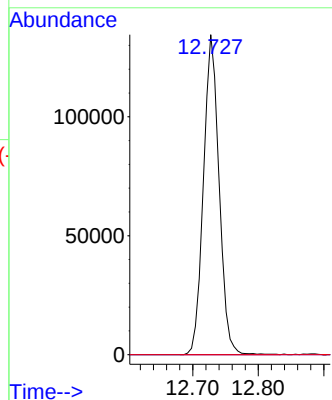
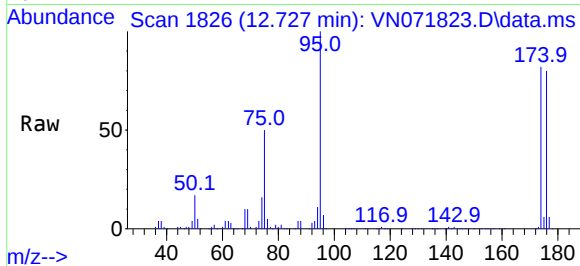




#81
trans-1,4-Dichloro-2-butene
Concen: 74.252 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071823.D
Acq: 04 Apr 2022 11:15

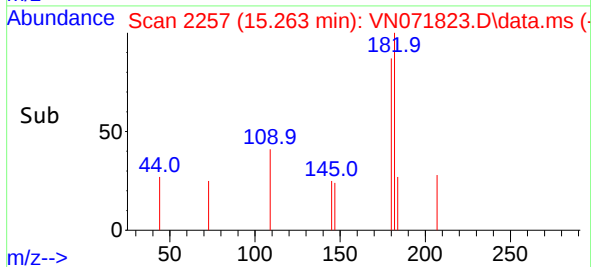
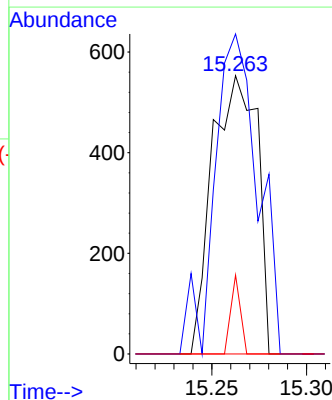
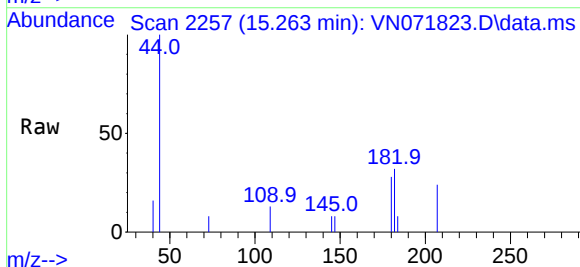
Instrument :
MSVOA_N
ClientSampleId :
VN0404WBL01

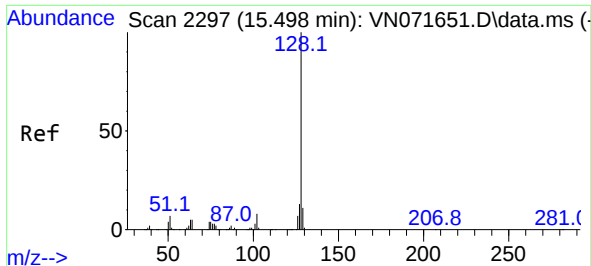
Tgt Ion: 75 Resp: 223432
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.222 ug/l
RT: 15.263 min Scan# 2257
Delta R.T. 0.006 min
Lab File: VN071823.D
Acq: 04 Apr 2022 11:15

Tgt Ion:180 Resp: 913
Ion Ratio Lower Upper
180 100
182 110.7 47.5 142.5
145 6.0 14.5 43.5#

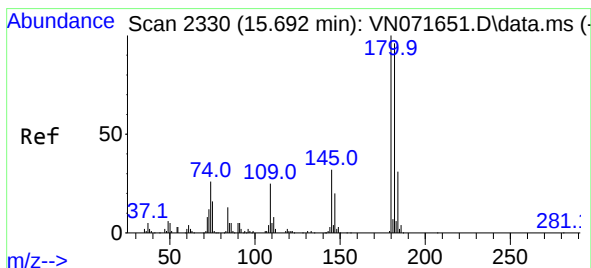
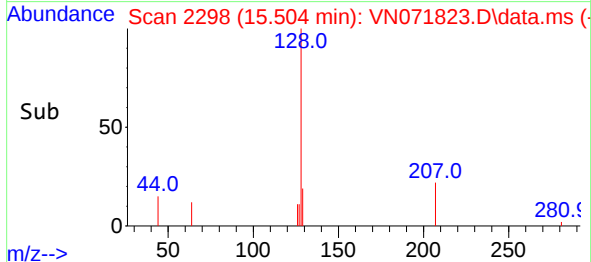
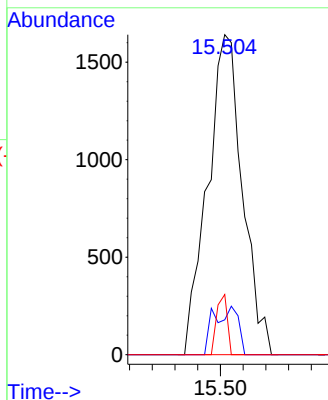
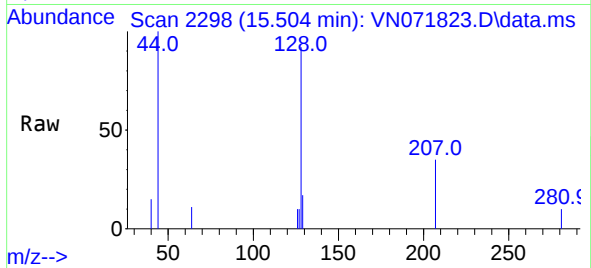




#95
Naphthalene
Concen: 3.979 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071823.D
Acq: 04 Apr 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0404WBL01

Tgt Ion:	128	Resp:	3503
Ion	Ratio	Lower	Upper
128	100		
127	10.4	10.3	15.5
129	5.7	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.573 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071823.D
Acq: 04 Apr 2022 11:15

Tgt Ion:	180	Resp:	1033
Ion	Ratio	Lower	Upper
180	100		
182	90.9	47.8	143.3
145	6.6	15.5	46.5

