

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081922\
 Data File : VN074029.D
 Acq On : 19 Aug 2022 16:13
 Operator : JC\MD
 Sample : PB147119TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB147119TB

Quant Time: Aug 20 03:05:06 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	535190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	816143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	812274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	420035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	274292	52.620	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.240%			
35) Dibromofluoromethane	7.951	113	261734	54.228	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.460%			
50) Toluene-d8	10.381	98	892258	47.732	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.460%			
62) 4-Bromofluorobenzene	12.675	95	374995	60.446	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.900%			
Target Compounds						Qvalue
3) Chloromethane	2.269	50	1172	0.248	ug/l	89
5) Bromomethane	2.828	94	2161	0.571	ug/l	83
10) Methyl Iodide	4.357	142	1501	0.275	ug/l #	54
11) Tert butyl alcohol	5.281	59	389	0.334	ug/l #	72
13) Acrolein	3.987	56	683	0.837	ug/l	97
15) Acrylonitrile	5.475	53	689	0.242	ug/l #	91
16) Acetone	4.228	43	51317	20.867	ug/l	96
17) Carbon Disulfide	4.463	76	2826	0.281	ug/l #	75
18) Methyl Acetate	4.781	43	6551	Below Cal	#	88
20) Methylene Chloride	5.016	84	31358	6.043	ug/l	93
25) 2-Butanone	7.269	43	11587	2.971	ug/l	89
29) Tetrahydrofuran	7.634	42	2181	0.872	ug/l #	81
31) Cyclohexane	8.022	56	8777	1.208	ug/l #	29
36) 1,1-Dichloropropene	8.016	75	34048	5.079	ug/l #	50
37) Ethyl Acetate	7.345	43	78699	9.690	ug/l	97
38) Carbon Tetrachloride	8.016	117	47723	6.228	ug/l #	17
41) Methacrylonitrile	7.622	41	1214	0.331	ug/l #	35
42) 1,2-Dichloroethane	8.498	62	2315	0.318	ug/l #	74
43) Isopropyl Acetate	8.498	43	323876	27.992	ug/l #	92
48) Methyl methacrylate	9.486	41	10757	2.173	ug/l #	36
49) 1,4-Dioxane	9.504	88	450	3.057	ug/l #	1
51) 4-Methyl-2-Pentanone	10.275	43	25044	3.201	ug/l #	80
52) Toluene	10.445	92	3596	0.248	ug/l #	71
54) cis-1,3-Dichloropropene	10.186	75	126131	14.907	ug/l #	60
57) 1,3-Dichloropropane	11.033	76	18259	1.990	ug/l #	42
59) 2-Hexanone	11.033	43	220023	36.547	ug/l #	50
68) m/p-Xylenes	11.892	106	2570	0.220	ug/l	83
74) N-amyl acetate	12.322	43	5321	0.460	ug/l #	51
76) 1,2,3-Trichloropropane	12.675	75	181434	20.782	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.675	75	181434	59.108	ug/l #	10
87) 1,3-Dichlorobenzene	13.551	146	2877	0.200	ug/l	93
93) 1,2,4-Trichlorobenzene	15.198	180	3543	0.393	ug/l	95
95) Naphthalene	15.433	128	16297	0.554	ug/l	98
96) 1,2,3-Trichlorobenzene	15.627	180	3672	0.394	ug/l	93

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Quant Title : SW846 8260
QLast Update : Tue Aug 16 00:45:21 2022
Response via : Initial Calibration

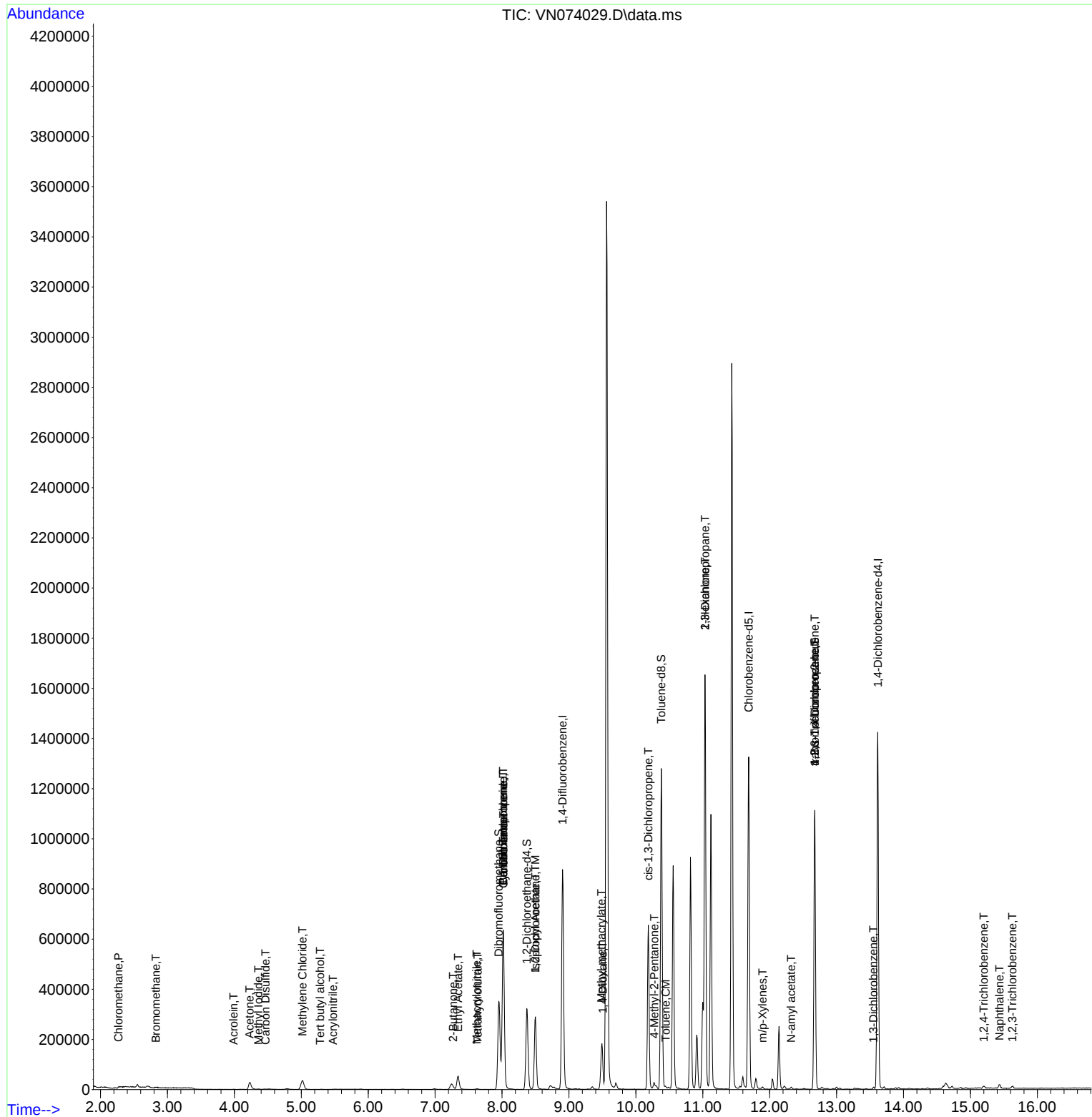
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

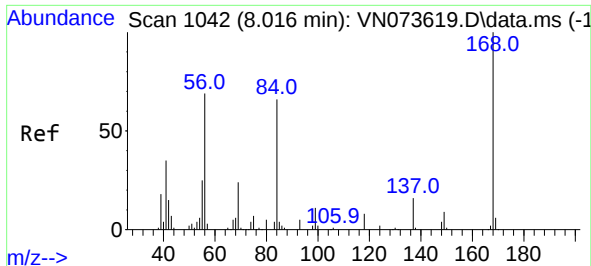
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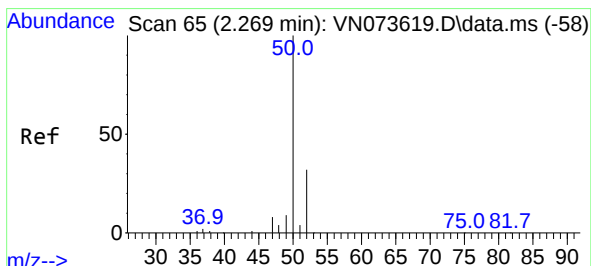
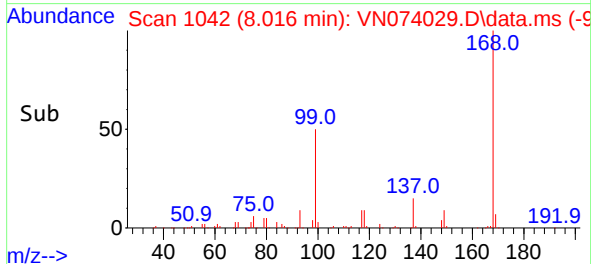
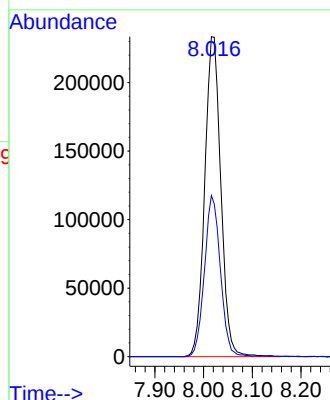
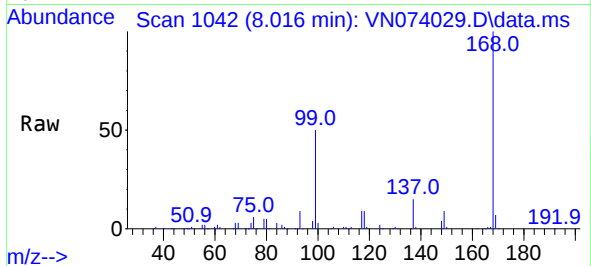




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

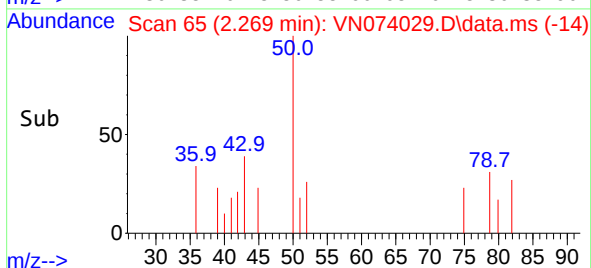
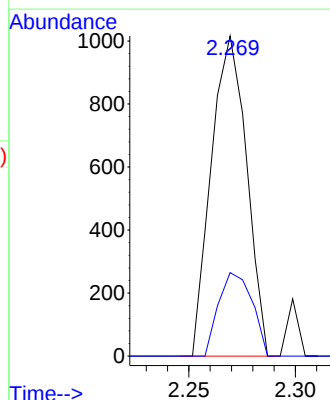
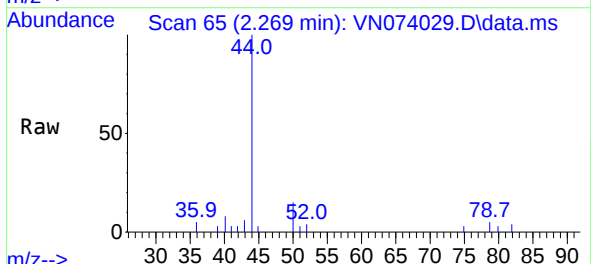
Instrument :
MSVOA_N
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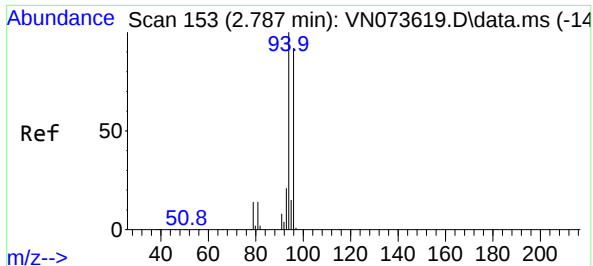
Tgt Ion:168 Resp: 535190
Ion Ratio Lower Upper
168 100
99 50.3 42.3 63.5



#3
Chloromethane
Concen: 0.248 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

Tgt Ion: 50 Resp: 1172
Ion Ratio Lower Upper
50 100
52 26.1 25.7 38.5

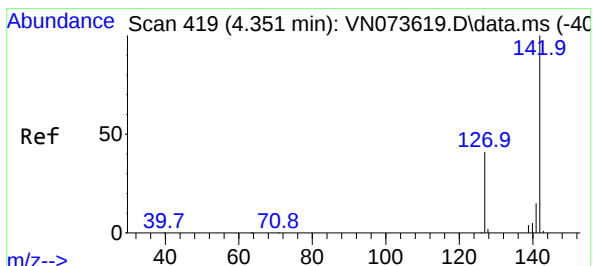
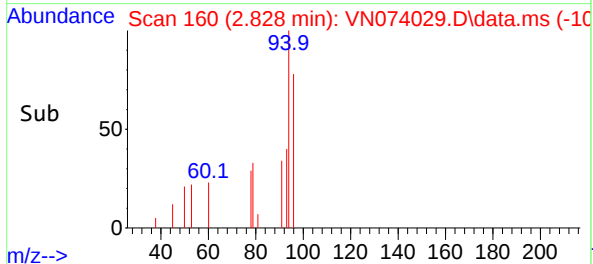
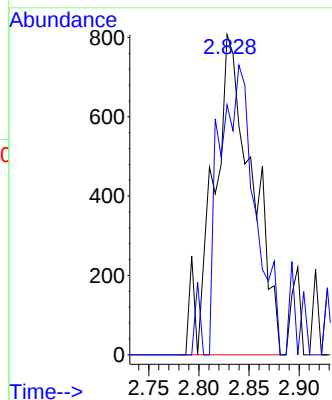
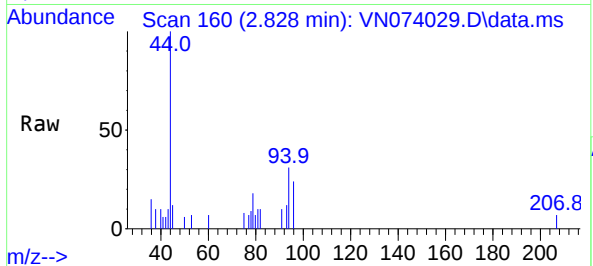




#5
Bromomethane
Concen: 0.571 ug/l
RT: 2.828 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

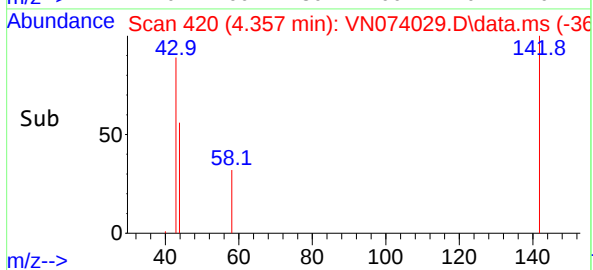
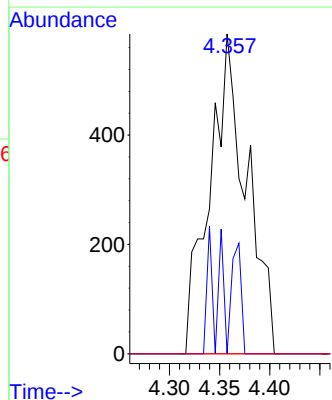
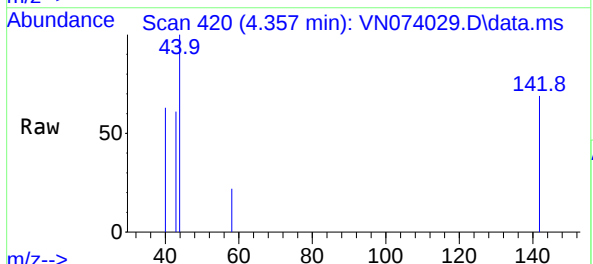
Instrument :
MSVOA_N
ClientSampleId :
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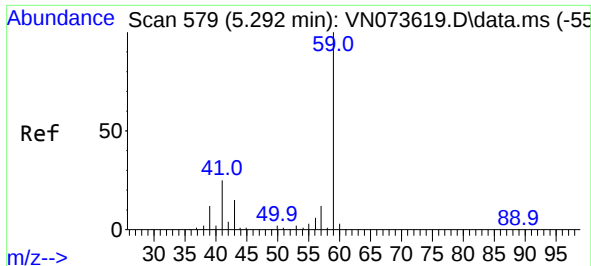
Tgt Ion: 94 Resp: 2161
Ion Ratio Lower Upper
94 100
96 78.1 76.0 114.0



#10
Methyl Iodide
Concen: 0.275 ug/l
RT: 4.357 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

Tgt Ion: 142 Resp: 1501
Ion Ratio Lower Upper
142 100
127 8.9 31.3 46.9#
141 0.0 11.2 16.8#

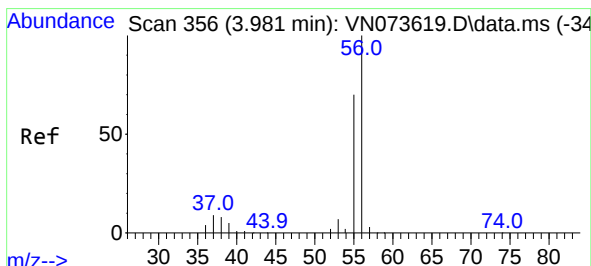
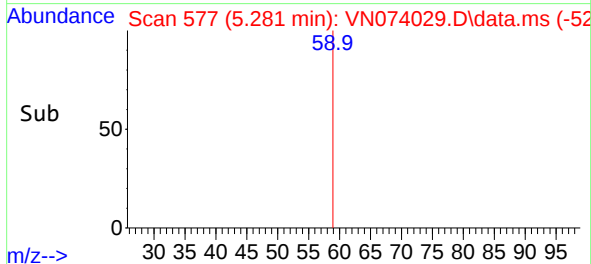
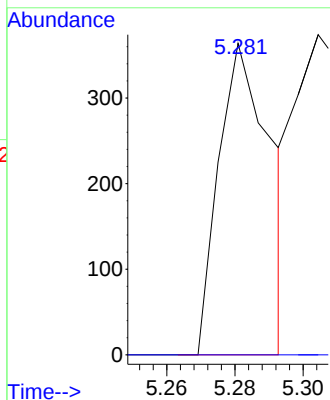
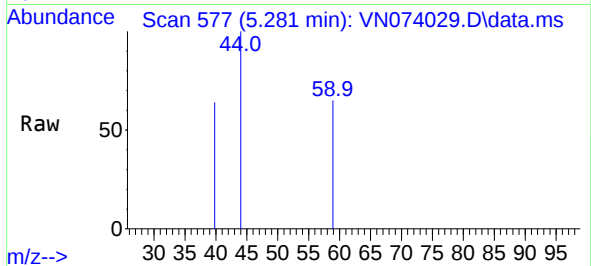




#11
Tert butyl alcohol
Concen: 0.334 ug/l
RT: 5.281 min Scan# 51
Delta R.T. -0.011 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

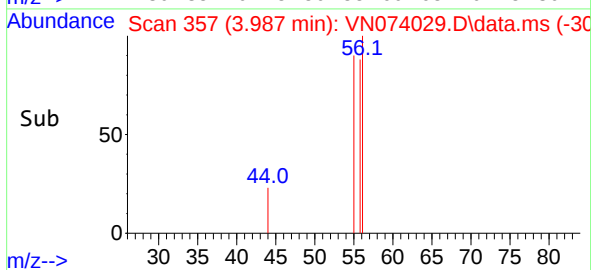
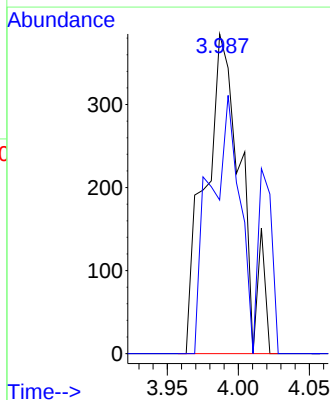
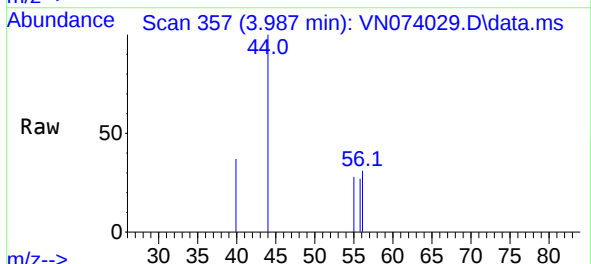
Instrument :
MSVOA_N
ClientSampleId :
PB147119TB

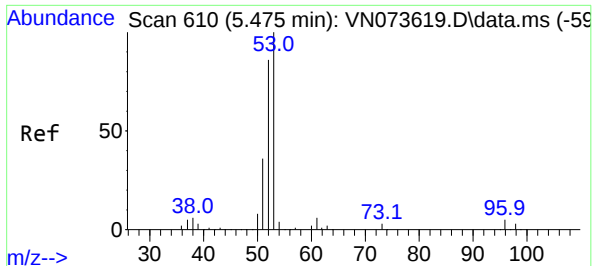
Tgt Ion: 59 Resp: 389
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 0.837 ug/l
RT: 3.987 min Scan# 357
Delta R.T. 0.006 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

Tgt Ion: 56 Resp: 683
Ion Ratio Lower Upper
56 100
55 65.9 54.8 82.2

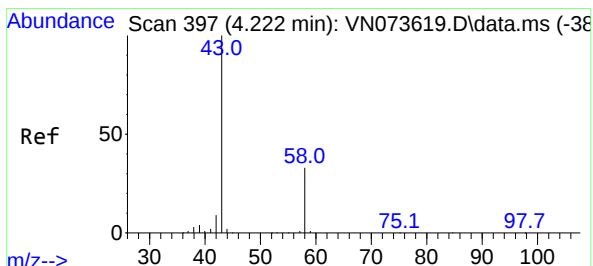
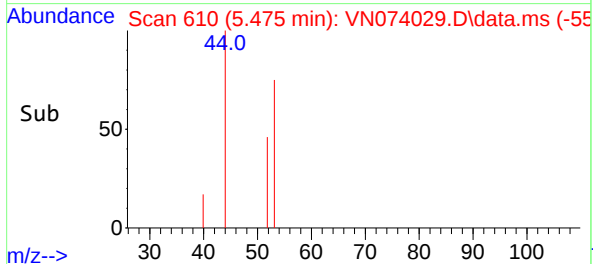
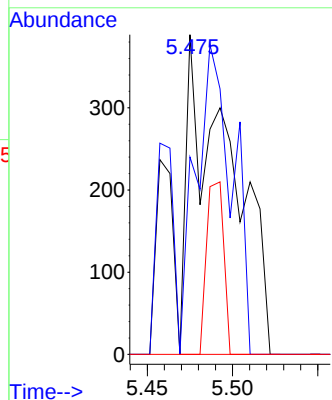
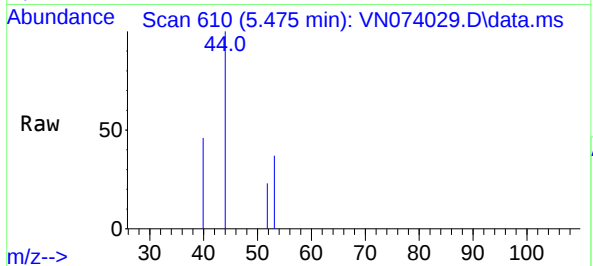




#15
Acrylonitrile
Concen: 0.242 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

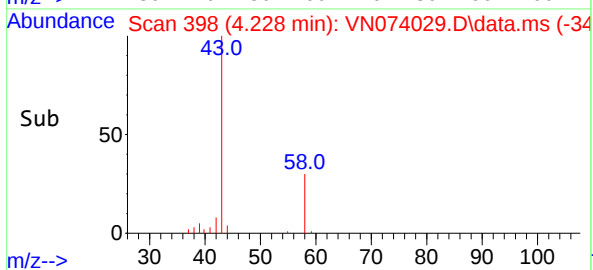
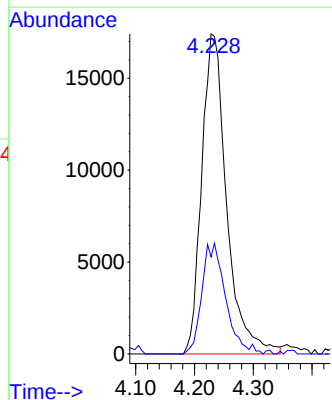
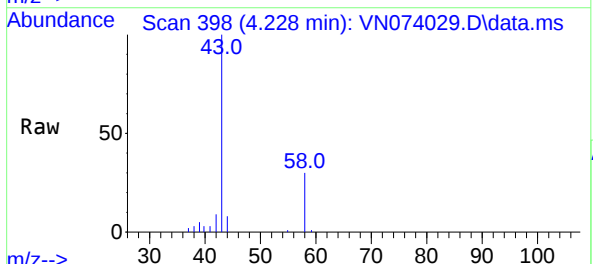
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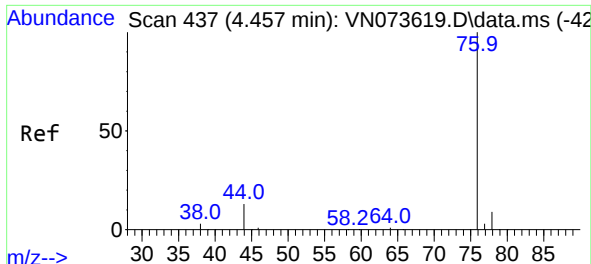
Tgt Ion: 53 Resp: 689
Ion Ratio Lower Upper
53 100
52 81.4 66.4 99.6
51 21.2 28.5 42.7#



#16
Acetone
Concen: 20.867 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

Tgt Ion: 43 Resp: 51317
Ion Ratio Lower Upper
43 100
58 30.3 26.0 39.0

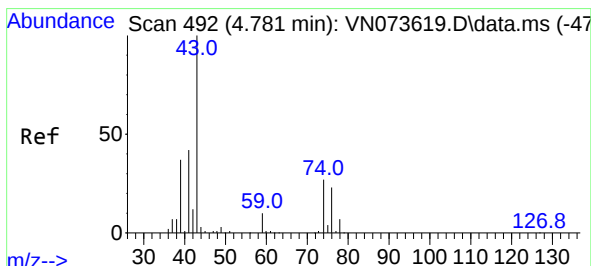
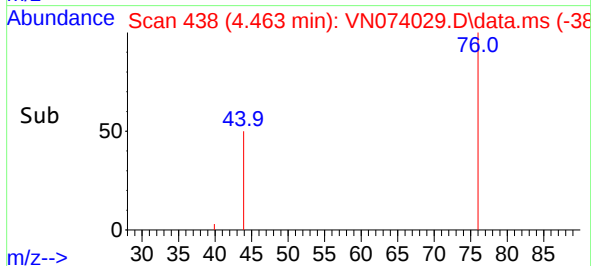
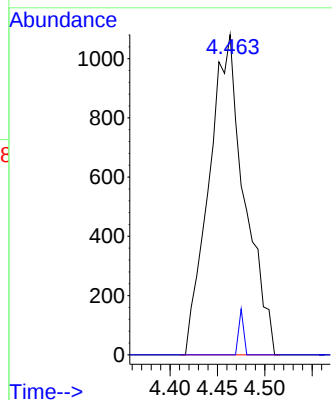
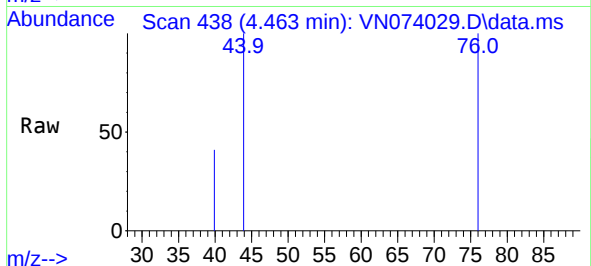




#17
Carbon Disulfide
Concen: 0.281 ug/l
RT: 4.463 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

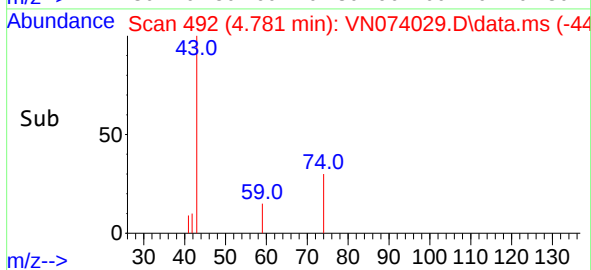
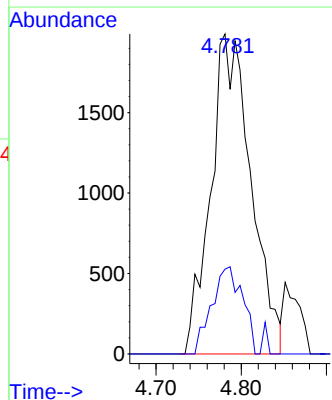
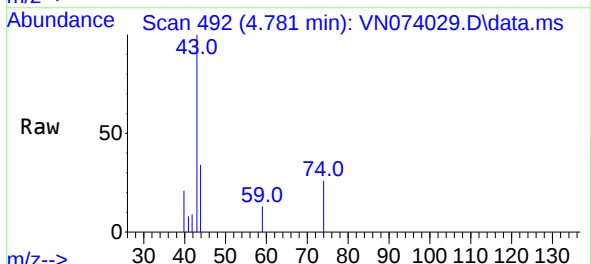
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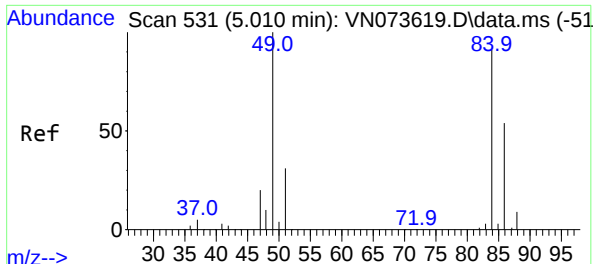
Tgt Ion: 76 Resp: 2826
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.781 min Scan# 492
Delta R.T. -0.000 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

Tgt Ion: 43 Resp: 6551
Ion Ratio Lower Upper
43 100
74 20.8 21.6 32.4#



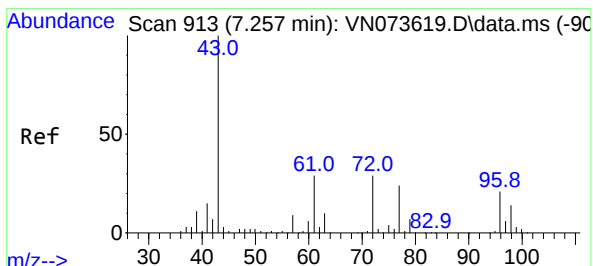
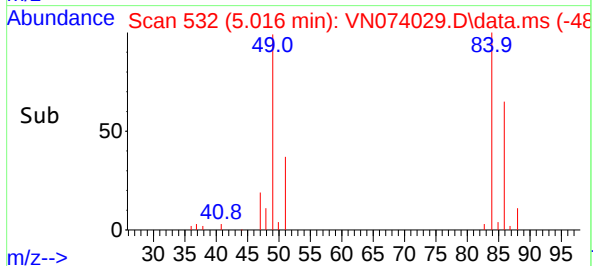
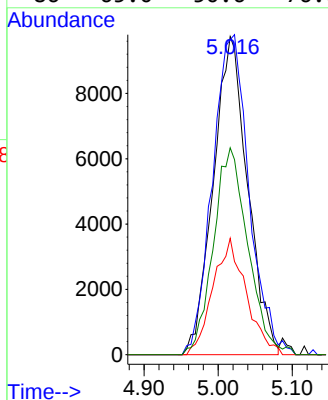
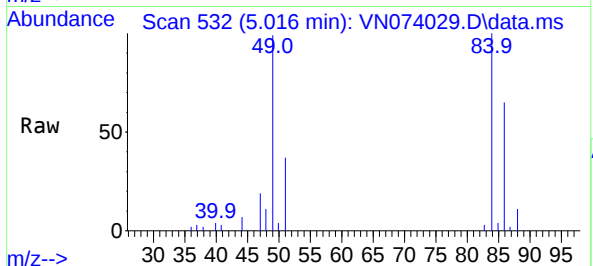


#20
Methylene Chloride
Concen: 6.043 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

Instrument :
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ClientSampleId :
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Tgt Ion: 84 Resp: 31358

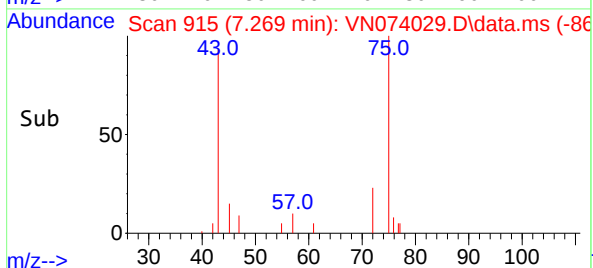
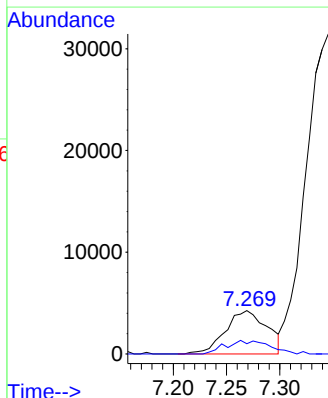
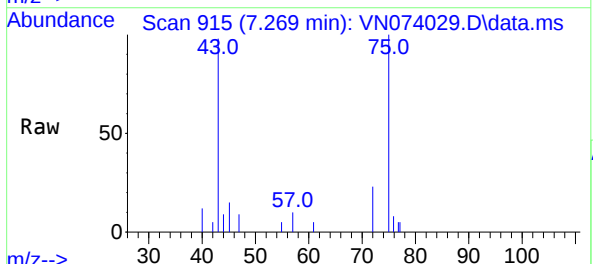
Ion	Ratio	Lower	Upper
84	100		
49	99.0	88.3	132.5
51	36.5	28.2	42.2
86	65.0	50.6	76.0

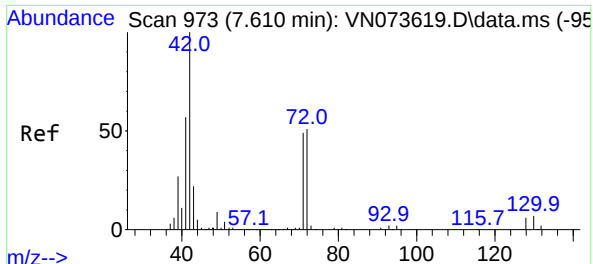


#25
2-Butanone
Concen: 2.971 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.012 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

Tgt Ion: 43 Resp: 11587

Ion	Ratio	Lower	Upper
43	100		
72	23.8	23.7	35.5

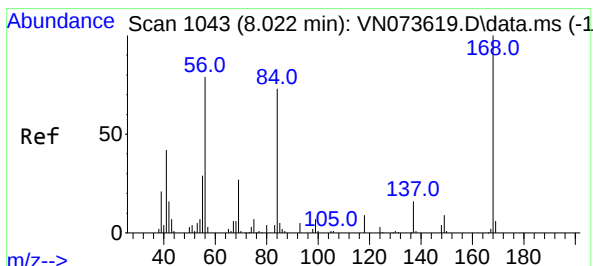
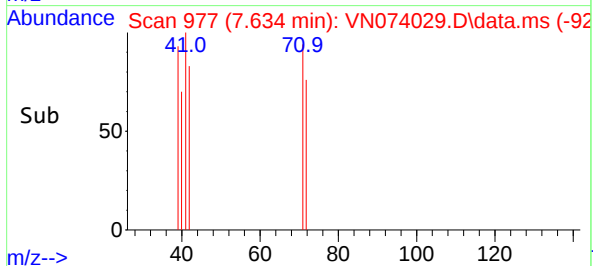
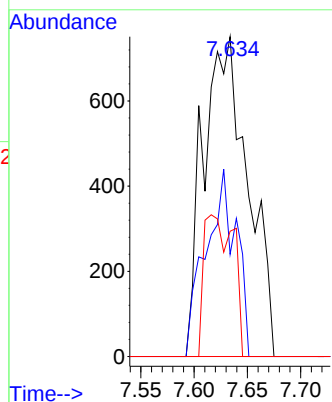
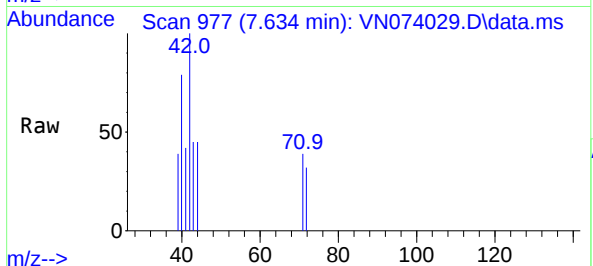




#29
Tetrahydrofuran
Concen: 0.872 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.024 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

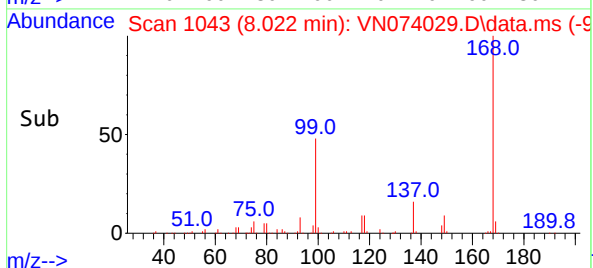
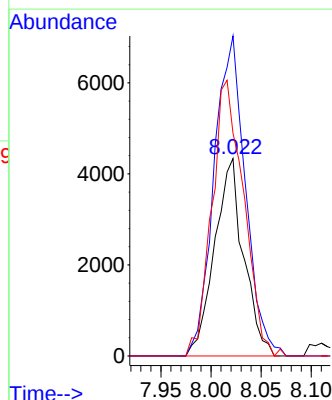
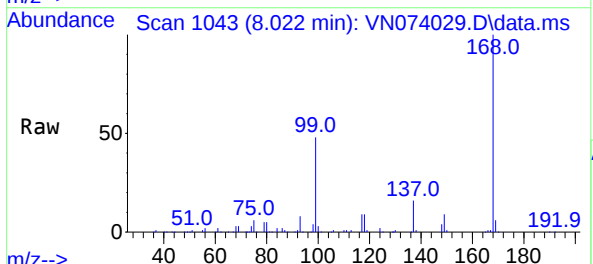
Instrument :
MSVOA_N
ClientSampleId :
PB147119TB

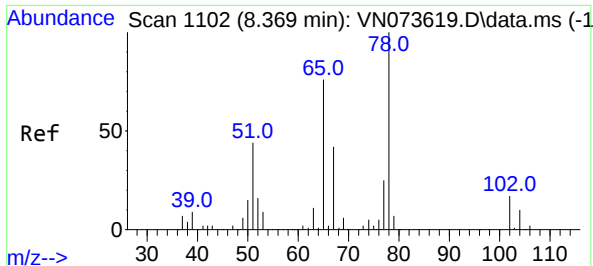
Tgt Ion: 42 Resp: 2181
Ion Ratio Lower Upper
42 100
72 39.8 39.7 59.5
71 29.4 36.6 55.0#



#31
Cyclohexane
Concen: 1.208 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

Tgt Ion: 56 Resp: 8777
Ion Ratio Lower Upper
56 100
69 162.1 27.8 41.8#
84 112.8 76.9 115.3

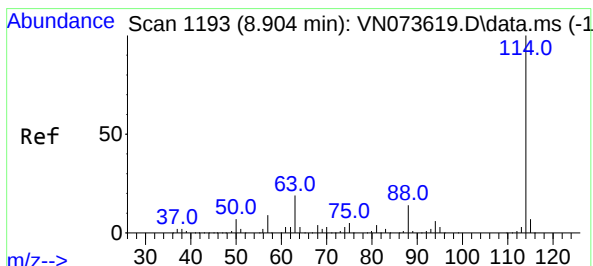
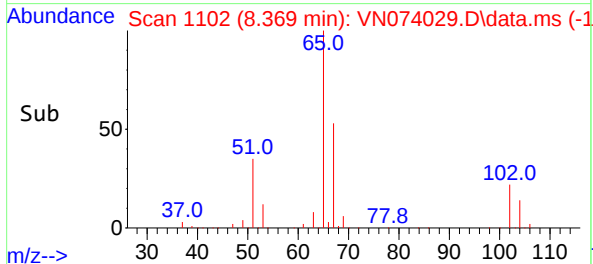
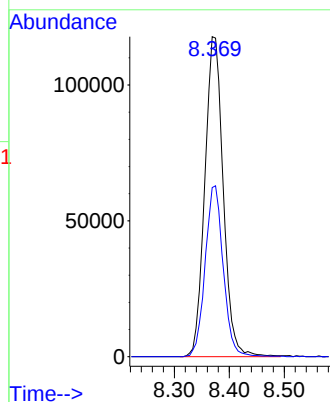
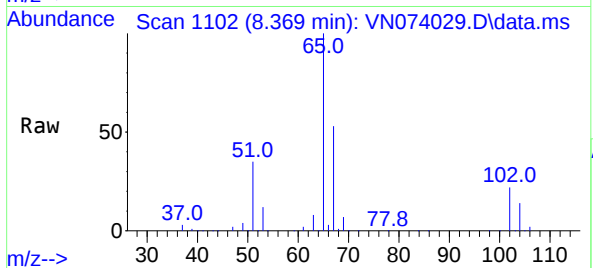




#33
1,2-Dichloroethane-d4
Concen: 52.620 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

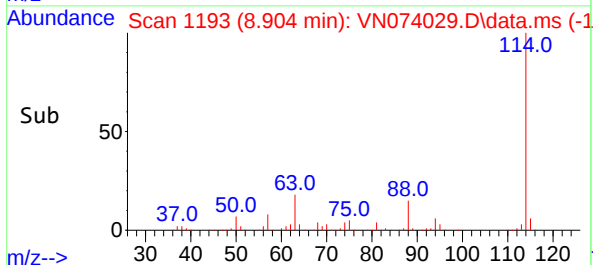
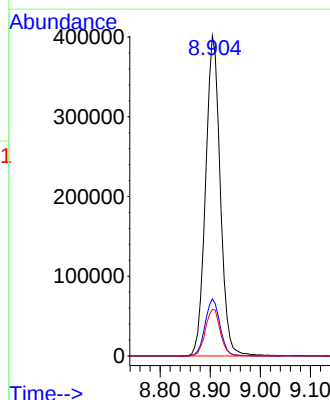
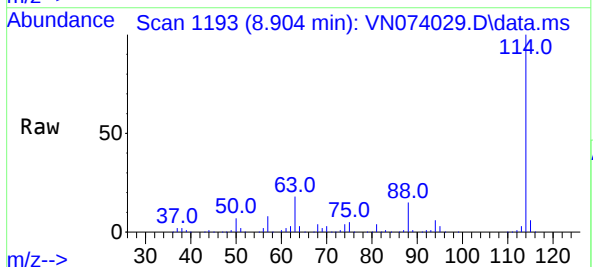
Instrument :
MSVOA_N
ClientSampleId :
PB147119TB

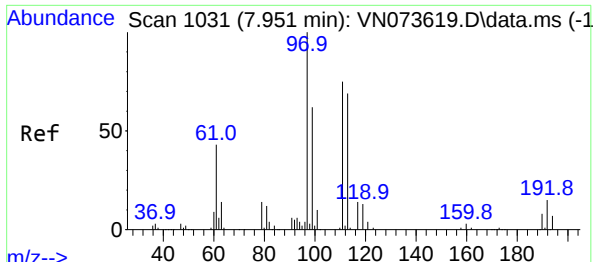
Tgt Ion: 65 Resp: 274292
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

Tgt Ion: 114 Resp: 816143
Ion Ratio Lower Upper
114 100
63 17.9 0.0 40.0
88 14.6 0.0 32.6

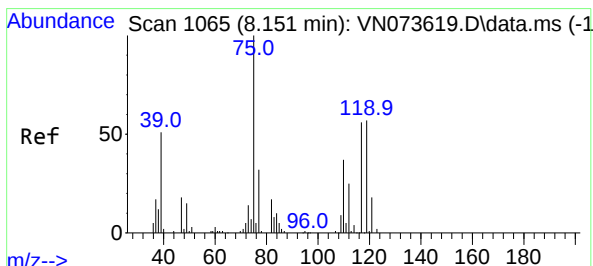
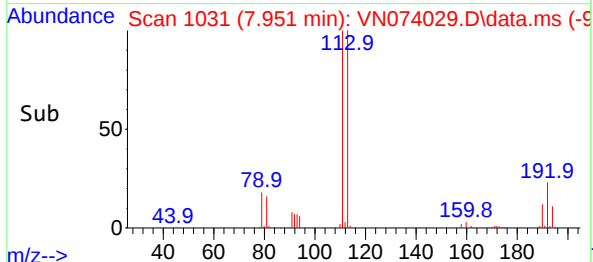
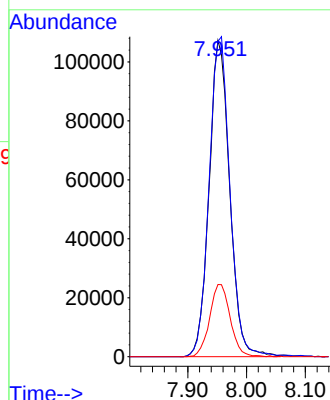
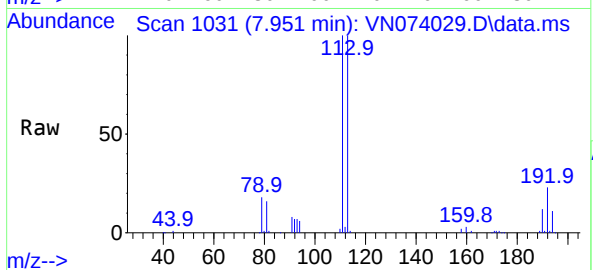




#35
Dibromofluoromethane
Concen: 54.228 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

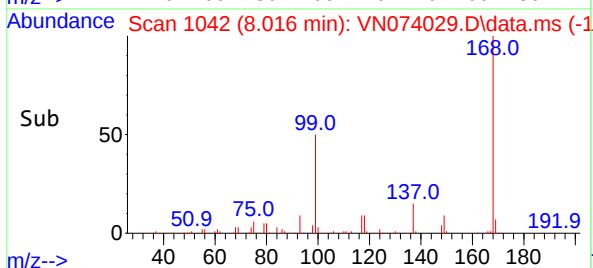
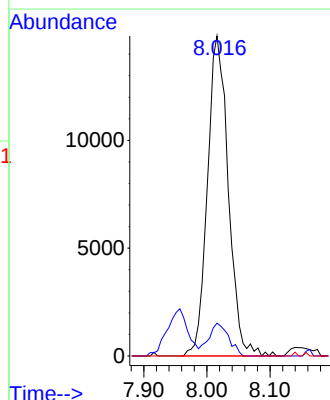
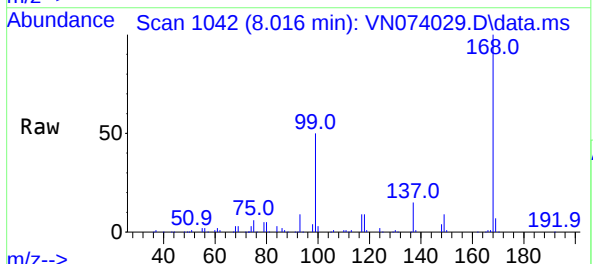
Instrument :
MSVOA_N
ClientSampleId :
PB147119TB

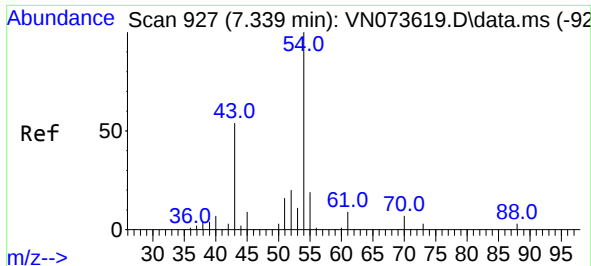
Tgt Ion:113 Resp: 261734
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 22.8 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.079 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

Tgt Ion: 75 Resp: 34048
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 25.1 37.7#



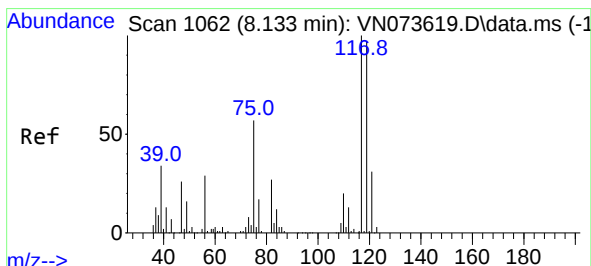
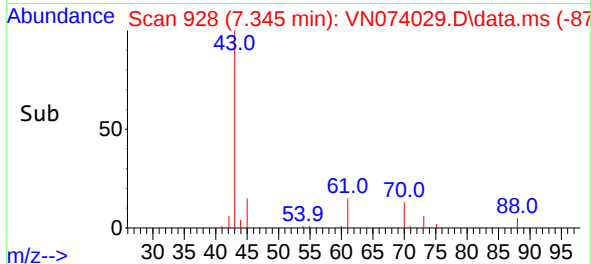
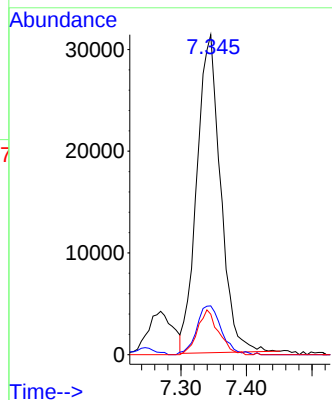
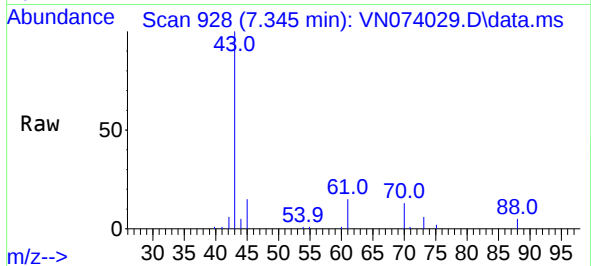


#37
Ethyl Acetate
Concen: 9.690 ug/l
RT: 7.345 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

Instrument :
MSVOA_N
ClientSampleId :
PB147119TB

Tgt Ion: 43 Resp: 78699

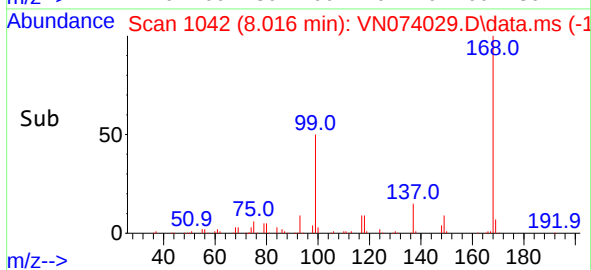
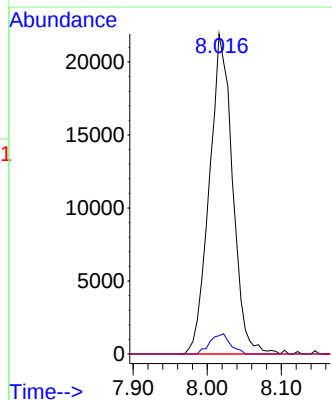
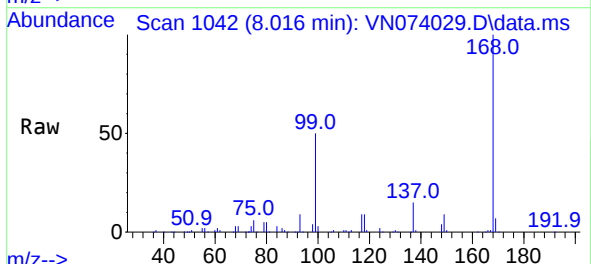
Ion	Ratio	Lower	Upper
43	100		
61	16.0	11.8	17.6
70	12.5	9.3	13.9

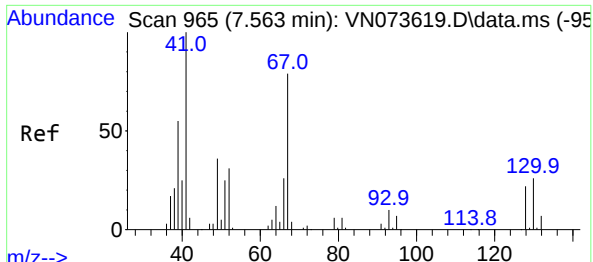


#38
Carbon Tetrachloride
Concen: 6.228 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

Tgt Ion: 117 Resp: 47723

Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.8	113.8#
121	0.0	24.6	37.0#

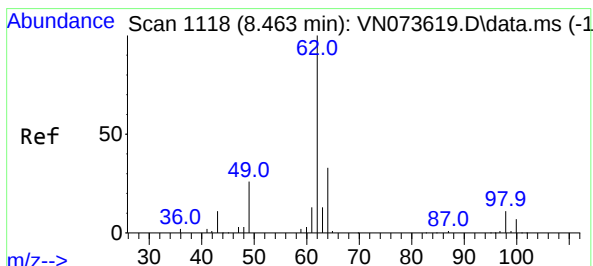
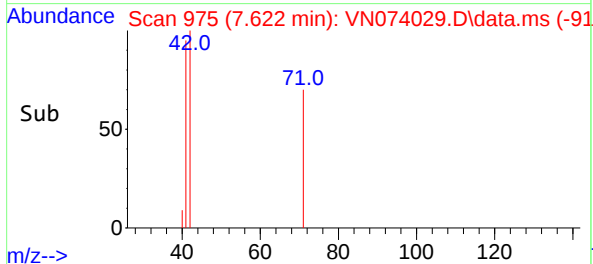
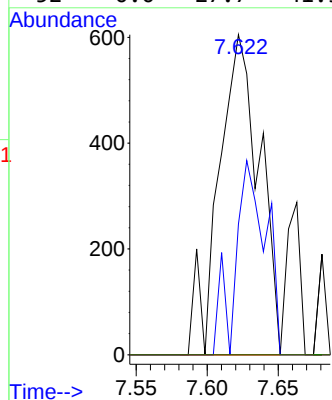
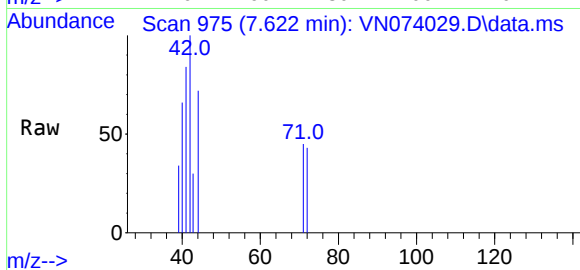




#41
Methacrylonitrile
Concen: 0.331 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.059 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

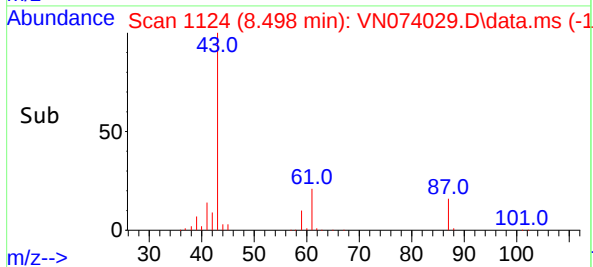
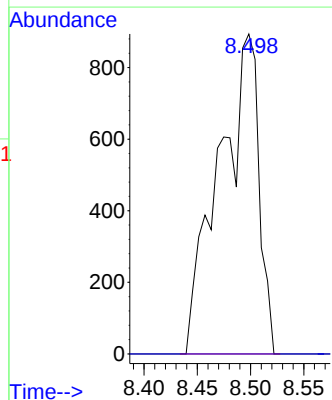
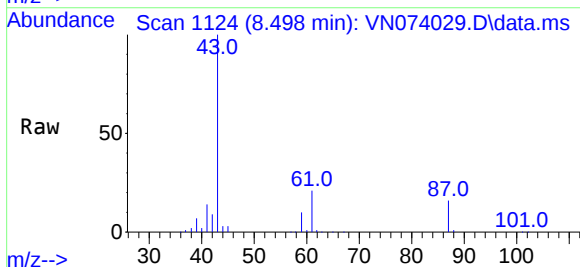
Instrument :
MSVOA_N
ClientSampleId :
PB147119TB

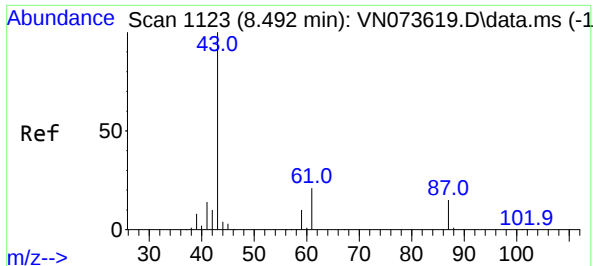
Tgt Ion: 41 Resp: 1214
Ion Ratio Lower Upper
41 100
39 45.9 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#



#42
1,2-Dichloroethane
Concen: 0.318 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.035 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

Tgt Ion: 62 Resp: 2315
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4

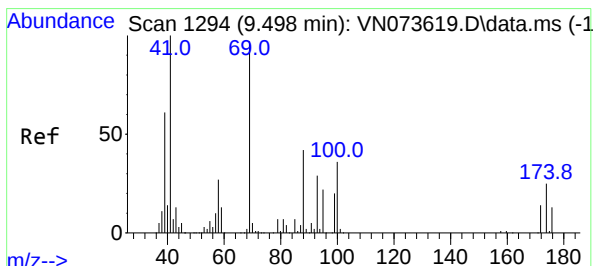
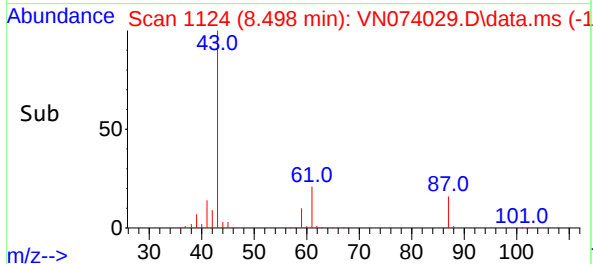
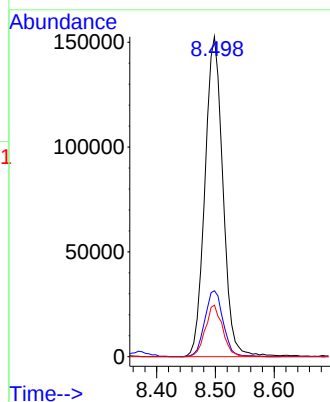
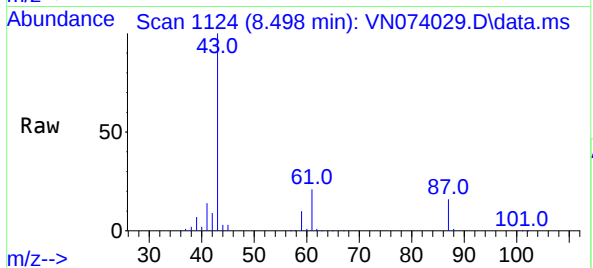




#43
Isopropyl Acetate
Concen: 27.992 ug/l
RT: 8.498 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

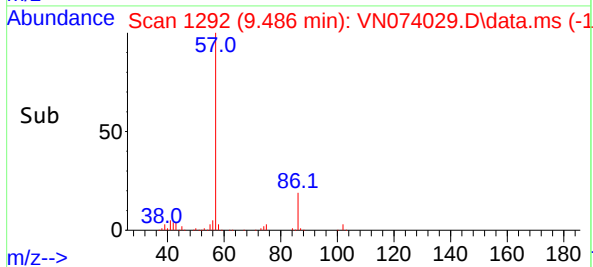
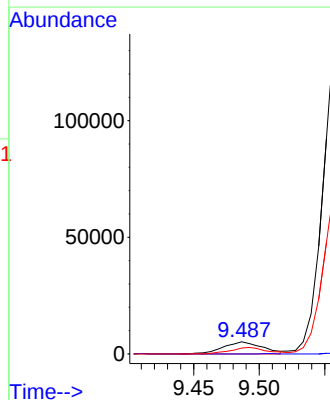
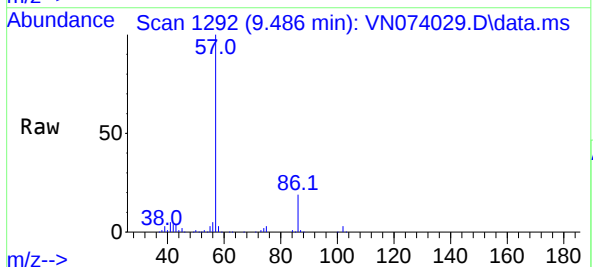
Instrument :
MSVOA_N
ClientSampleId :
PB147119TB

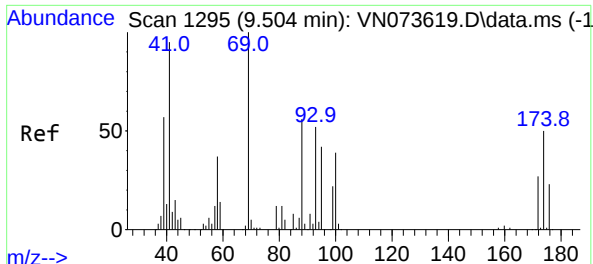
Tgt Ion: 43 Resp: 323876
Ion Ratio Lower Upper
43 100
61 21.1 21.9 32.9#
87 15.5 12.0 18.0



#48
Methyl methacrylate
Concen: 2.173 ug/l
RT: 9.486 min Scan# 1292
Delta R.T. -0.011 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

Tgt Ion: 41 Resp: 10757
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 50.6 45.6 68.4

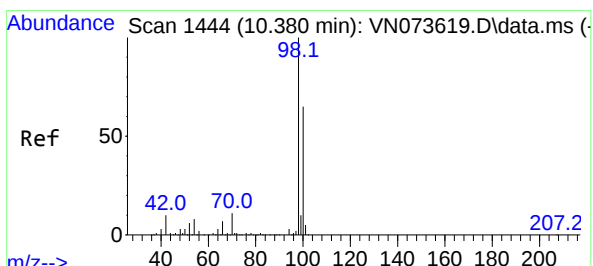
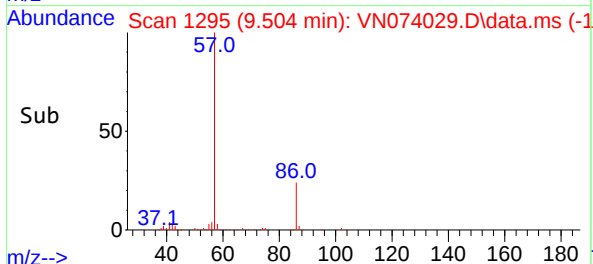
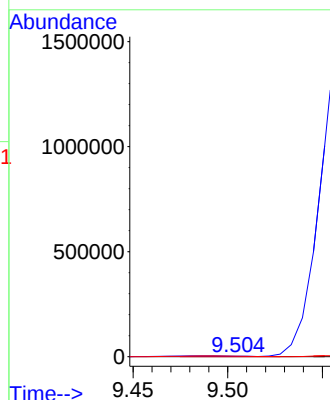
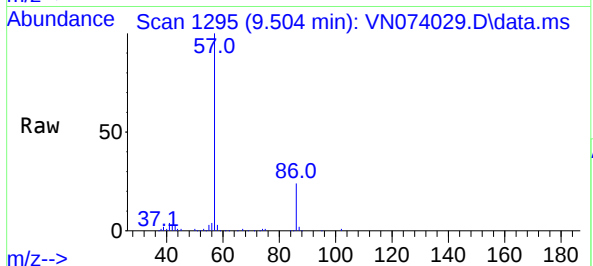




#49
1,4-Dioxane
Concen: 3.057 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

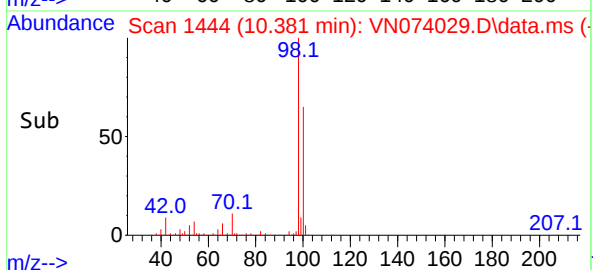
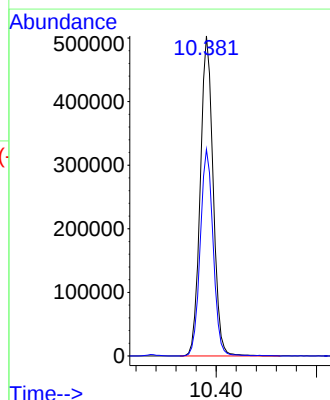
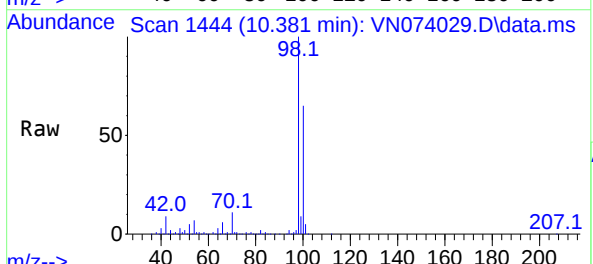
Instrument :
MSVOA_N
ClientSampleId :
PB147119TB

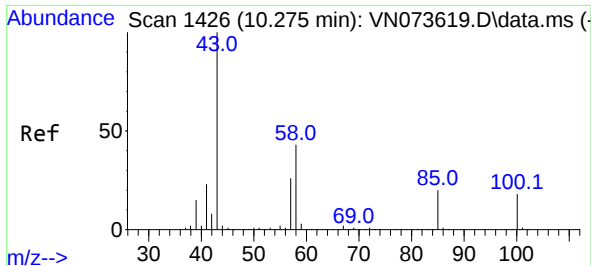
Tgt Ion: 88 Resp: 450
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 1890.4 54.2 81.4#



#50
Toluene-d8
Concen: 47.732 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

Tgt Ion: 98 Resp: 892258
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 3.201 ug/l

RT: 10.275 min Scan# 1426

Delta R.T. -0.000 min

Lab File: VN074029.D

Acq: 19 Aug 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :

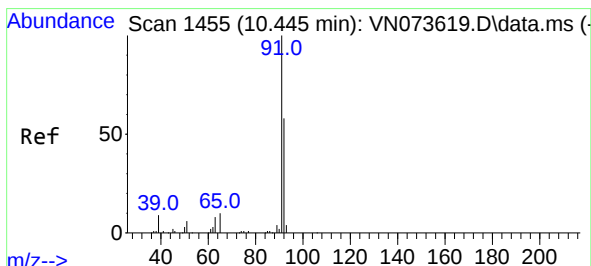
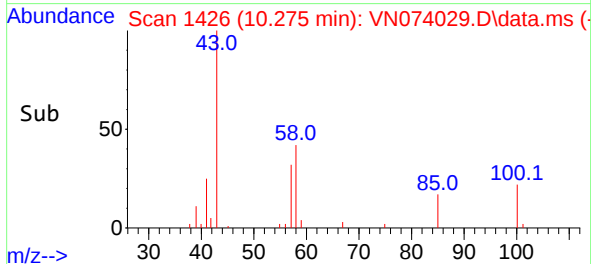
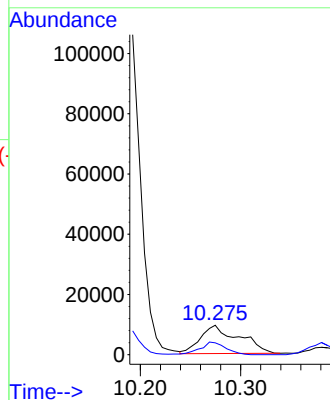
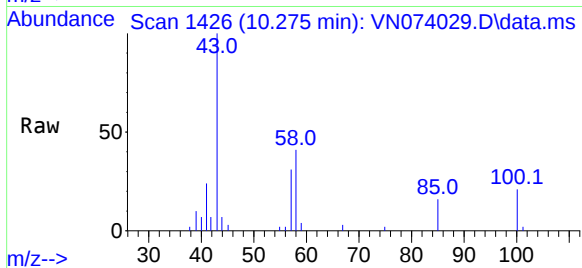
PB147119TB

Tgt Ion: 43 Resp: 25044

Ion Ratio Lower Upper

43 100

58 29.9 34.1 51.1#



#52

Toluene

Concen: 0.248 ug/l

RT: 10.445 min Scan# 1455

Delta R.T. 0.000 min

Lab File: VN074029.D

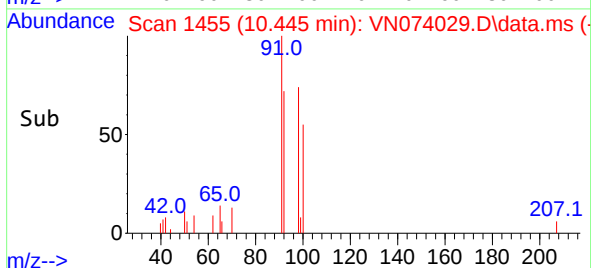
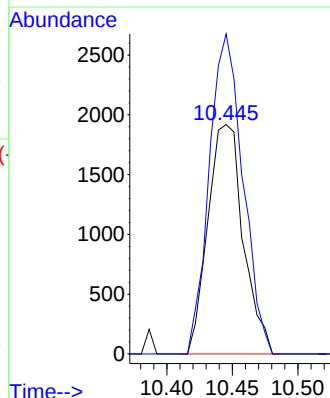
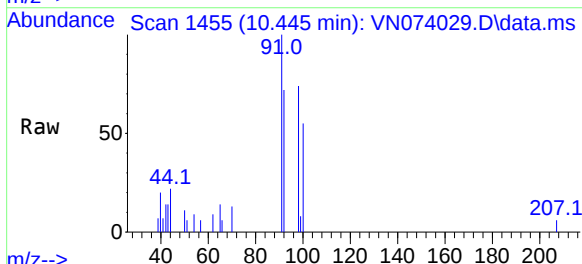
Acq: 19 Aug 2022 16:13

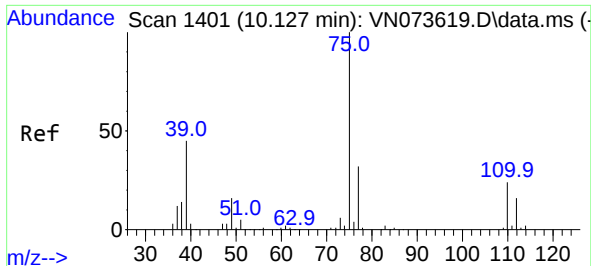
Tgt Ion: 92 Resp: 3596

Ion Ratio Lower Upper

92 100

91 132.9 138.6 207.8#

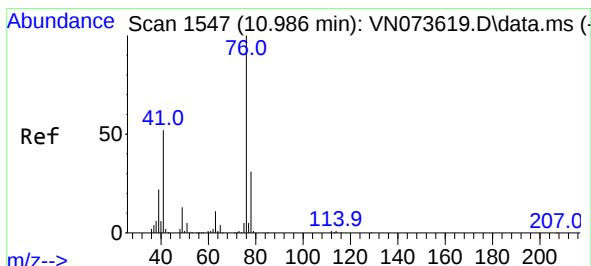
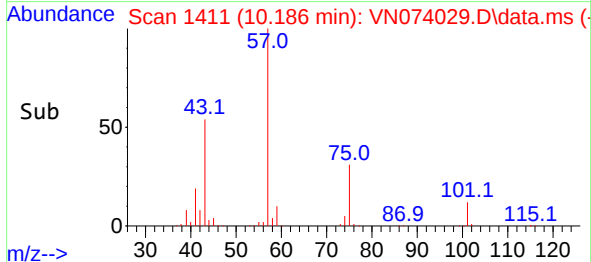
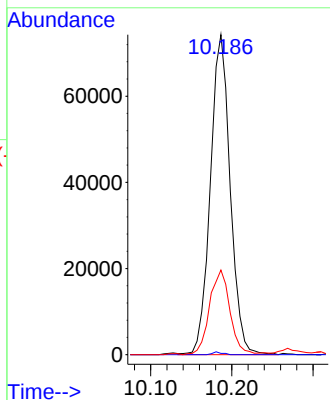
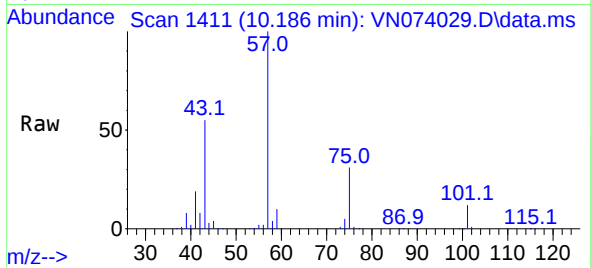




#54
 cis-1,3-Dichloropropene
 Concen: 14.907 ug/l
 RT: 10.186 min Scan# 14
 Delta R.T. 0.059 min
 Lab File: VN074029.D
 Acq: 19 Aug 2022 16:13

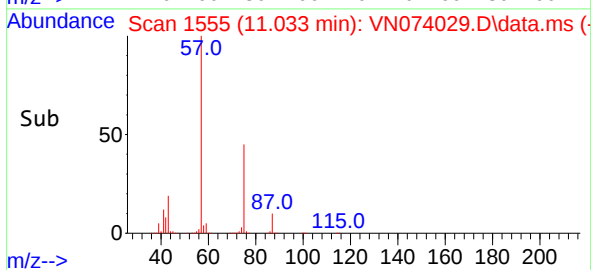
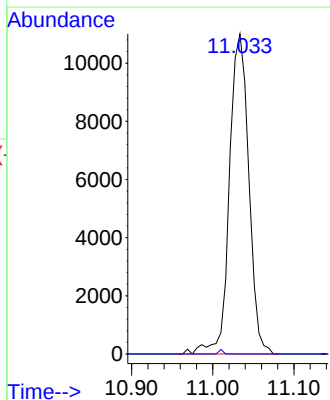
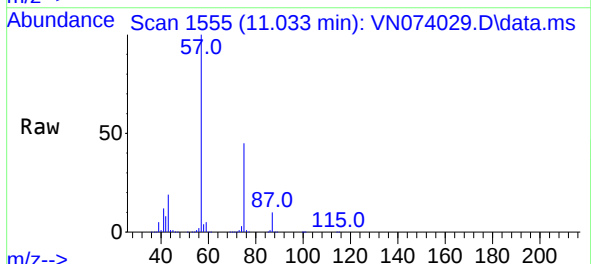
Instrument :
 MSVOA_N
 ClientSampleId :
 PB147119TB

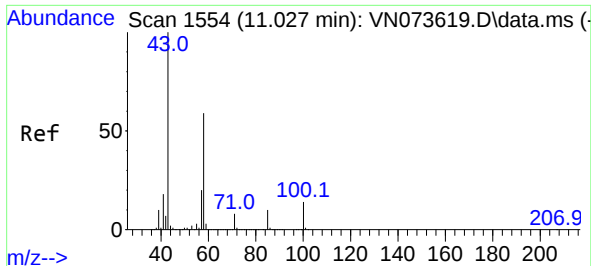
Tgt Ion: 75 Resp: 126131
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.2 37.8#
 39 26.2 35.7 53.5#



#57
 1,3-Dichloropropane
 Concen: 1.990 ug/l
 RT: 11.033 min Scan# 1555
 Delta R.T. 0.047 min
 Lab File: VN074029.D
 Acq: 19 Aug 2022 16:13

Tgt Ion: 76 Resp: 18259
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#

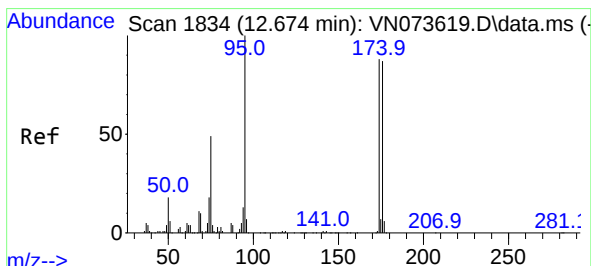
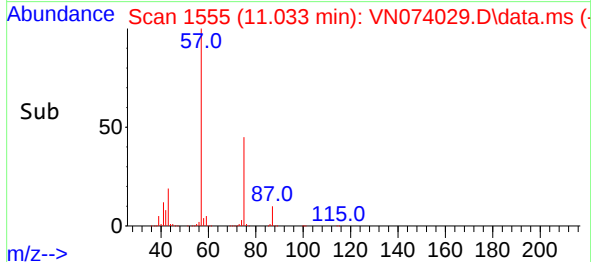
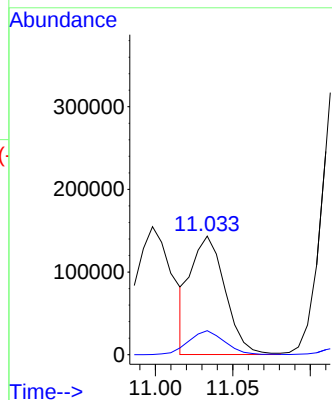
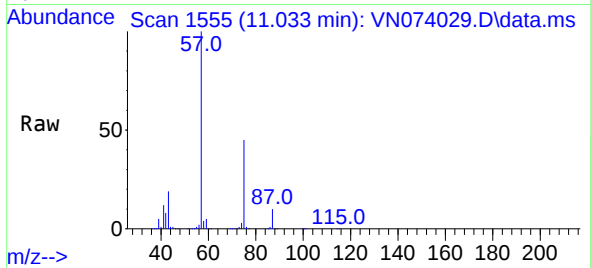




#59
2-Hexanone
Concen: 36.547 ug/l
RT: 11.033 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

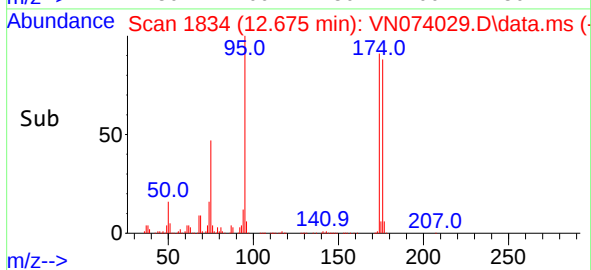
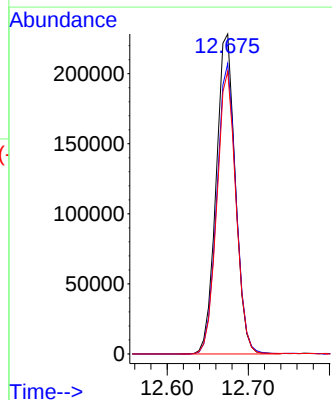
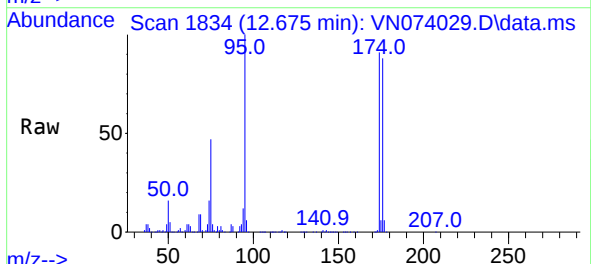
Instrument :
MSVOA_N
ClientSampleId :
PB147119TB

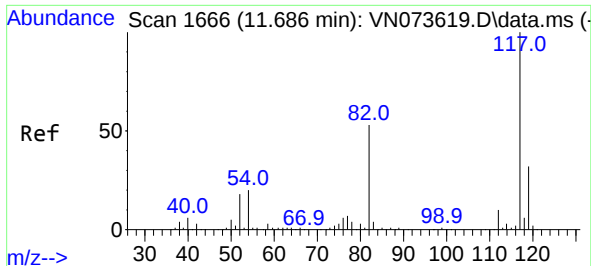
Tgt Ion: 43 Resp: 220023
Ion Ratio Lower Upper
43 100
58 21.5 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 60.446 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

Tgt Ion: 95 Resp: 374995
Ion Ratio Lower Upper
95 100
174 90.9 0.0 167.6
176 87.6 0.0 163.4

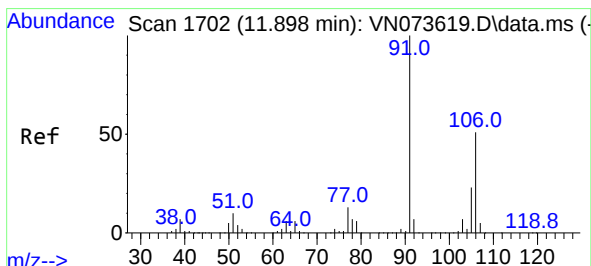
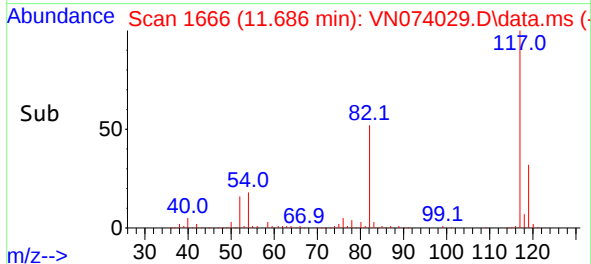
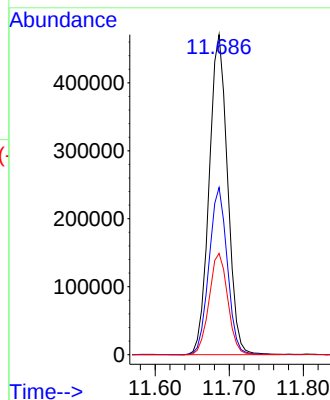
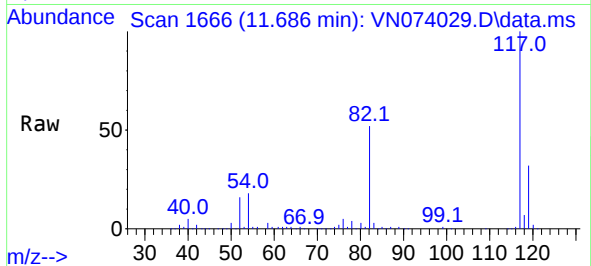




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

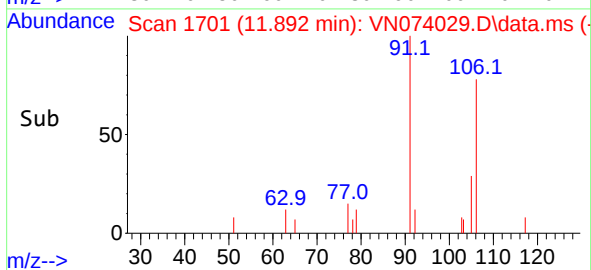
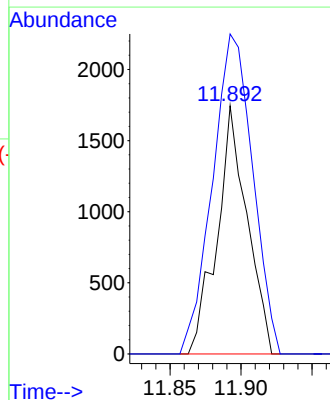
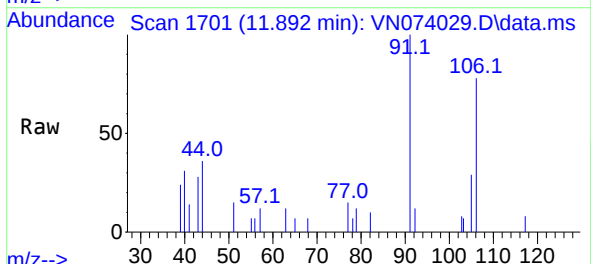
Instrument :
MSVOA_N
ClientSampleId :
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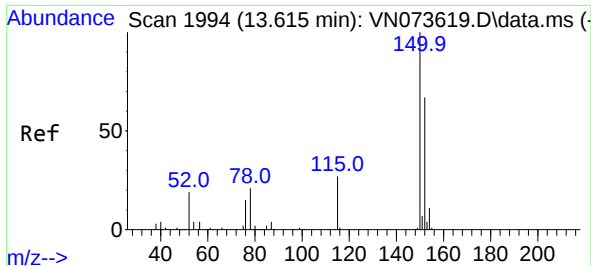
Tgt Ion:117 Resp: 812274
Ion Ratio Lower Upper
117 100
82 52.2 44.2 66.2
119 31.6 25.4 38.0



#68
m/p-Xylenes
Concen: 0.220 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

Tgt Ion:106 Resp: 2570
Ion Ratio Lower Upper
106 100
91 172.6 158.9 238.3

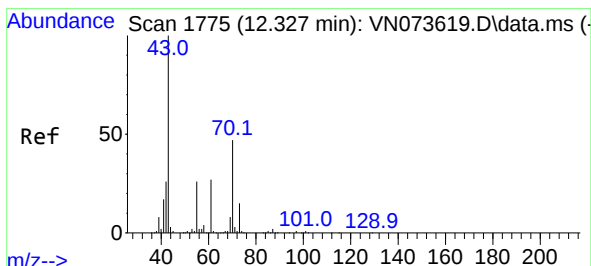
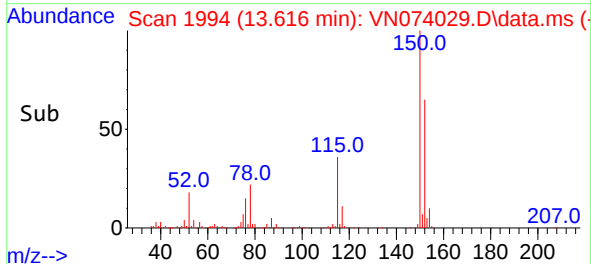
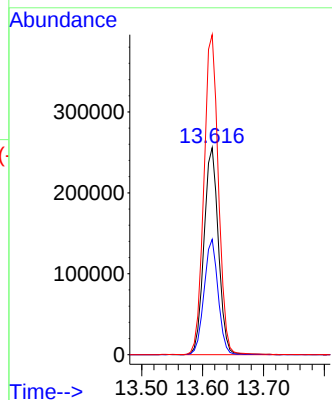
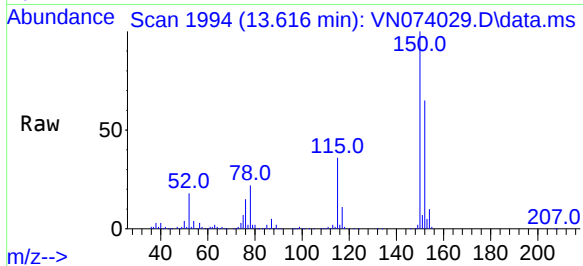




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

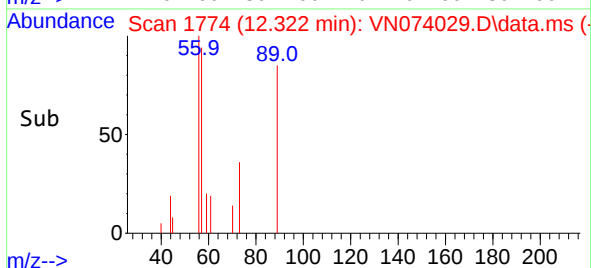
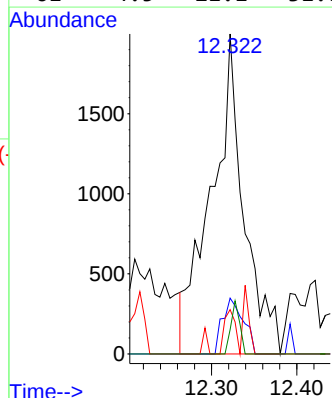
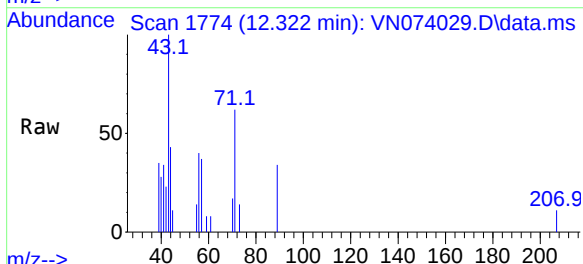
Instrument :
MSVOA_N
ClientSampleId :
PB147119TB

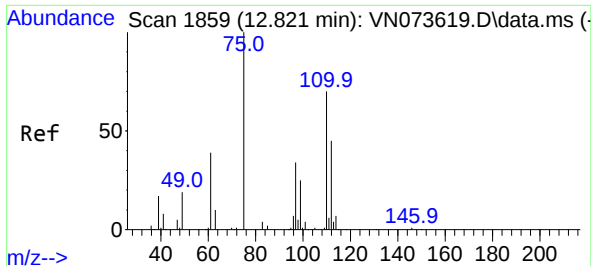
Tgt Ion:152 Resp: 420035
Ion Ratio Lower Upper
152 100
115 54.5 28.9 86.7
150 155.5 0.0 356.2



#74
N-ethyl acetate
Concen: 0.460 ug/l
RT: 12.322 min Scan# 1774
Delta R.T. -0.005 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

Tgt Ion: 43 Resp: 5321
Ion Ratio Lower Upper
43 100
70 11.2 39.0 58.4#
55 4.6 21.1 31.7#
61 4.5 21.1 31.7#

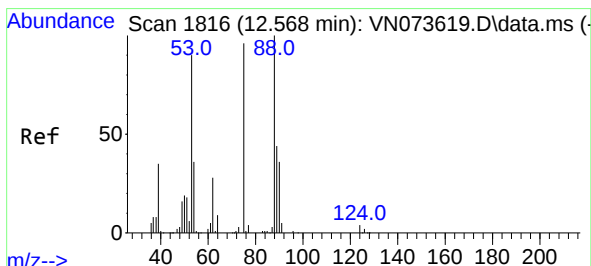
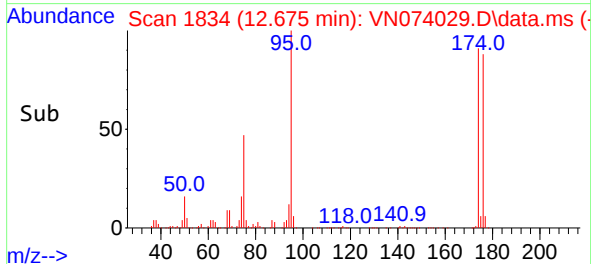
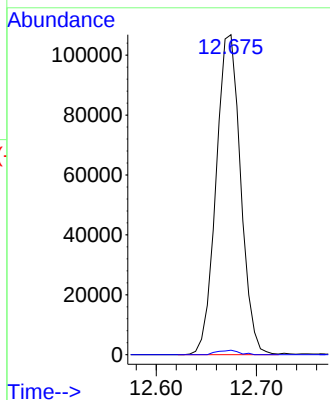
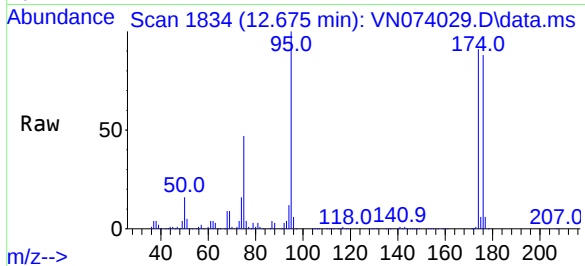




#76
1,2,3-Trichloropropane
Concen: 20.782 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. -0.146 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

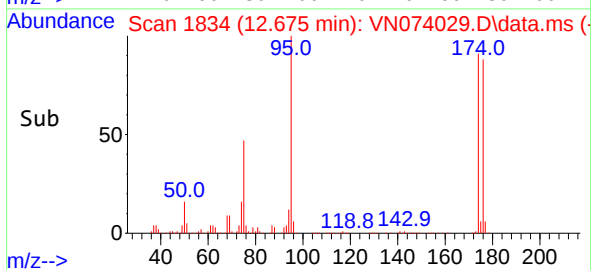
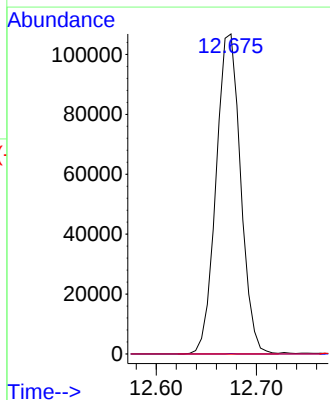
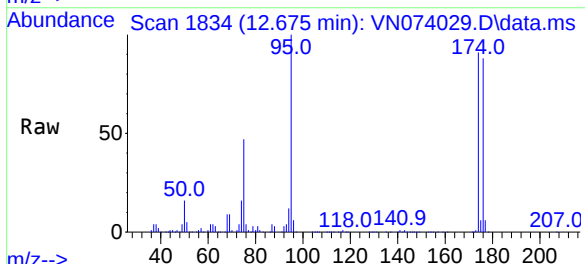
Instrument :
MSVOA_N
ClientSampleId :
PB147119TB

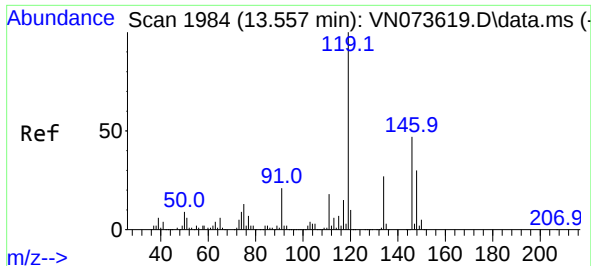
Tgt Ion: 75 Resp: 181434
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.108 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.107 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

Tgt Ion: 75 Resp: 181434
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

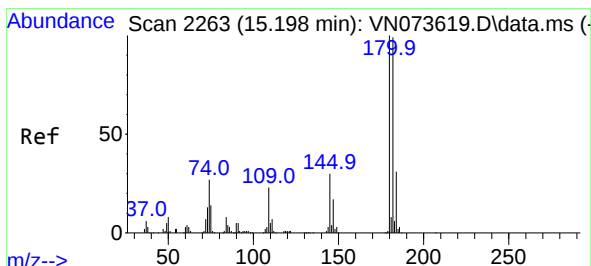
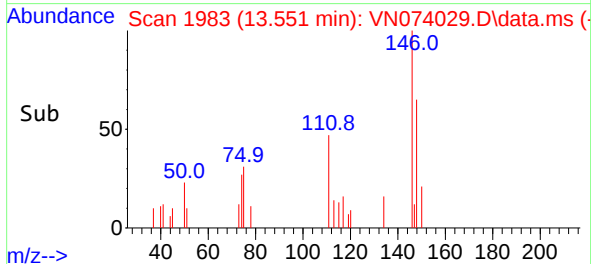
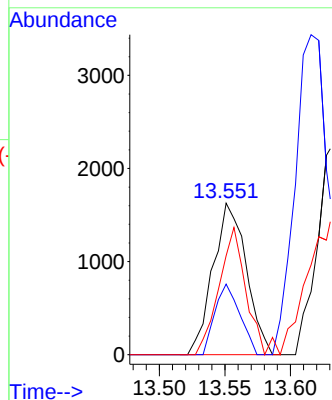
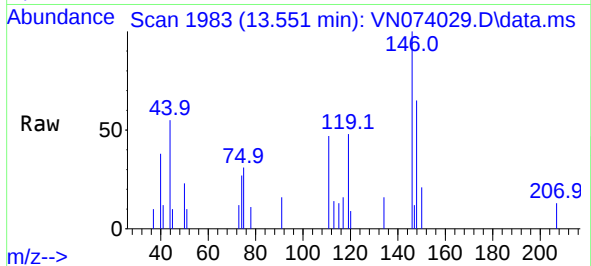




#87
1,3-Dichlorobenzene
Concen: 0.200 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

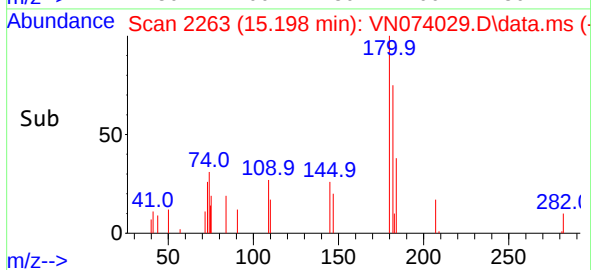
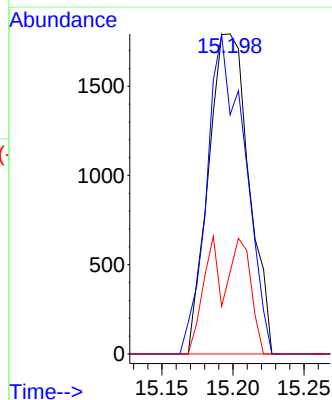
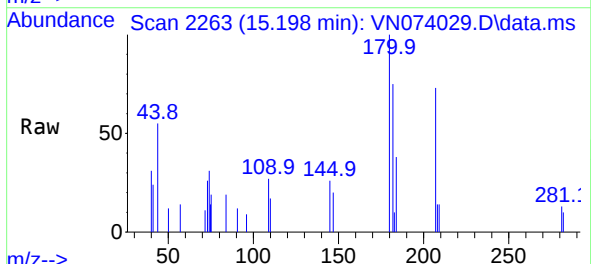
Instrument :
MSVOA_N
ClientSampleId :
PB147119TB

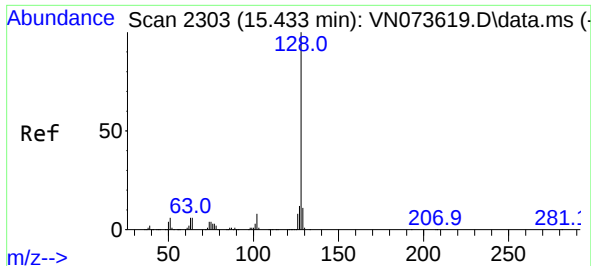
Tgt Ion:146 Resp: 2877
Ion Ratio Lower Upper
146 100
111 34.8 20.0 60.0
148 68.6 32.0 96.0



#93
1,2,4-Trichlorobenzene
Concen: 0.393 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

Tgt Ion:180 Resp: 3543
Ion Ratio Lower Upper
180 100
182 93.6 47.5 142.5
145 19.0 14.5 43.5

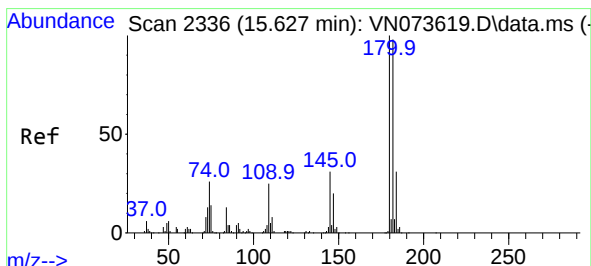
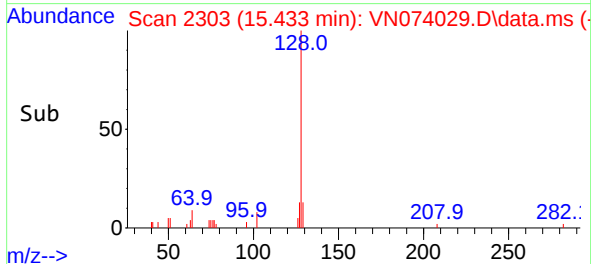
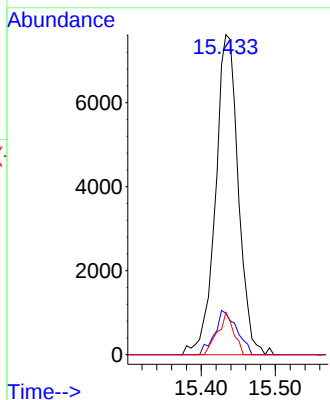
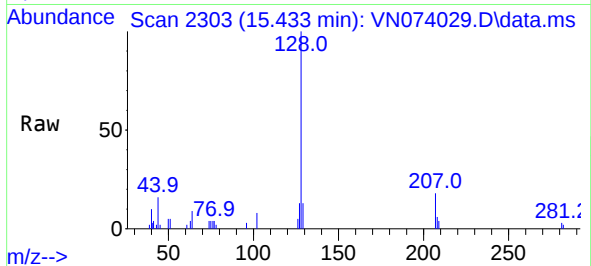




#95
Naphthalene
Concen: 0.554 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

Instrument :
MSVOA_N
ClientSampleId :
PB147119TB

Tgt Ion:	128	Resp:	16297
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	9.2	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.394 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN074029.D
Acq: 19 Aug 2022 16:13

Tgt Ion:	180	Resp:	3672
Ion	Ratio	Lower	Upper
180	100		
182	101.4	47.8	143.3
145	35.9	15.5	46.5

