

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032922\
 Data File : VN071631.D
 Acq On : 29 Mar 2022 14:55
 Operator : JC\MD
 Sample : PB143701TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143701TB

Quant Time: Mar 30 06:04:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 09:32:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	647605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1091069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1082509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	401146	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	372888	48.022	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.040%
35) Dibromofluoromethane	8.022	113	309548	46.196	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.400%
50) Toluene-d8	10.433	98	1361607	49.262	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.727	95	456540	50.632	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.260%

Target Compounds				Qvalue		
4) Vinyl Chloride	2.446	62	194	0.023	ug/l #	1
7) Trichlorofluoromethane	3.387	101	73	0.007	ug/l #	18
8) Diethyl Ether	3.816	74	100	0.024	ug/l #	1
10) Methyl Iodide	4.416	142	1304	0.147	ug/l #	44
12) 1,1-Dichloroethene	4.187	96	56	0.010	ug/l #	1
14) Allyl chloride	4.828	41	87	0.009	ug/l #	75
16) Acetone	4.293	43	20910	6.532	ug/l	99
20) Methylene Chloride	5.098	84	59441	8.401	ug/l	95
21) trans-1,2-Dichloroethene	5.616	96	475	0.076	ug/l #	73
22) Diisopropyl ether	6.593	45	64	0.003	ug/l #	7
23) Vinyl Acetate	6.445	43	1081	0.065	ug/l #	68
27) cis-1,2-Dichloroethene	7.322	96	74	0.010	ug/l #	1
30) Chloroform	7.810	83	58	0.005	ug/l #	18
32) 1,1,1-Trichloroethane	8.075	97	60	0.006	ug/l #	1
37) Ethyl Acetate	7.416	43	1358	0.129	ug/l #	67
39) Methylcyclohexane	9.457	83	266	0.022	ug/l #	19
40) Benzene	8.457	78	1273	0.043	ug/l #	89
41) Methacrylonitrile	7.622	41	331	0.065	ug/l #	16
42) 1,2-Dichloroethane	8.528	62	1598	0.156	ug/l #	74
43) Isopropyl Acetate	8.557	43	67193	4.096	ug/l #	89
44) Trichloroethene	9.204	130	508	0.065	ug/l	93
46) Dibromomethane	9.586	93	54	0.011	ug/l #	1
47) Bromodichloromethane	9.751	83	57	0.006	ug/l #	26
52) Toluene	10.498	92	3592	0.189	ug/l	85
53) t-1,3-Dichloropropene	10.710	75	570	0.053	ug/l #	58
55) 1,1,2-Trichloroethane	10.886	97	377	0.049	ug/l #	34
56) Ethyl methacrylate	10.763	69	921	0.080	ug/l #	28
60) Dibromochloromethane	10.980	129	491	0.064	ug/l #	11
61) 1,2-Dibromoethane	11.339	107	353	0.046	ug/l #	79
64) Tetrachloroethene	10.975	164	653	0.087	ug/l #	78
65) Chlorobenzene	11.769	112	2206	0.098	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	120	0.015	ug/l #	8
67) Ethyl Benzene	11.839	91	3081	0.079	ug/l #	84
68) m/p-Xylenes	11.951	106	2425	0.164	ug/l	81
69) o-Xylene	12.274	106	1266	0.085	ug/l	90
70) Styrene	12.292	104	2522	0.111	ug/l	95

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 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

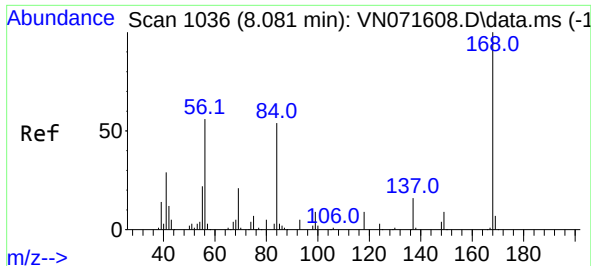
Instrument :
 MSVOA_N
 ClientSampleId :
 PB143701TB

Quant Time: Mar 30 06:04:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 09:32:37 2022
 Response via : Initial Calibration

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

73) Isopropylbenzene	12.569	105	2596	0.074	ug/l	88
75) 1,1,2,2-Tetrachloroethane	12.833	83	1283	0.109	ug/l #	93
77) Bromobenzene	12.851	156	1341	0.152	ug/l	93
78) n-propylbenzene	12.916	91	6008	0.159	ug/l	96
79) 2-Chlorotoluene	13.004	91	2728	0.115	ug/l	93
83) tert-Butylbenzene	13.316	119	2190	0.086	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	4102	0.151	ug/l	94
85) sec-Butylbenzene	13.492	105	4008	0.119	ug/l	100
86) p-Isopropyltoluene	13.604	119	4269	0.160	ug/l	94
90) Hexachloroethane	14.192	117	55	0.011	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.604	75	362	0.178	ug/l #	66

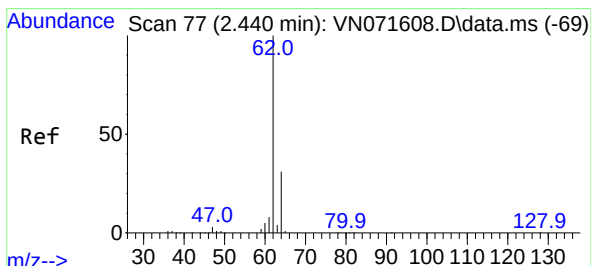
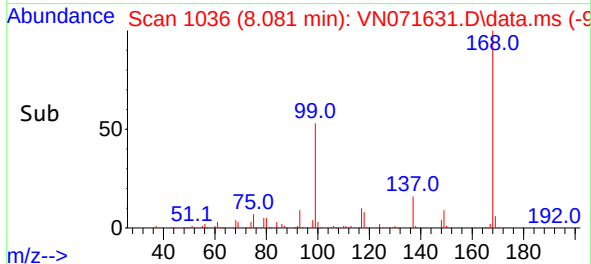
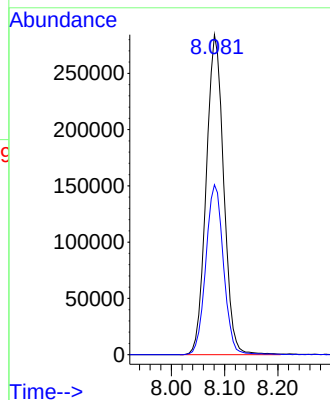
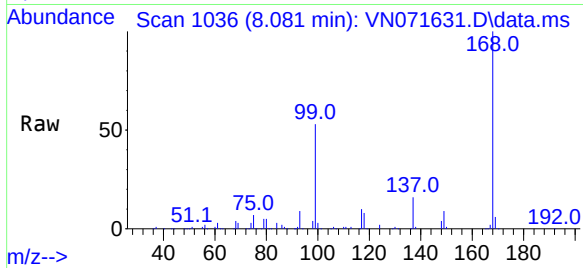
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

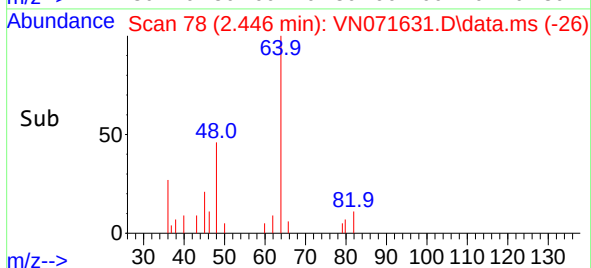
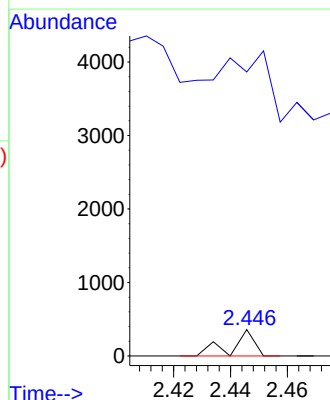
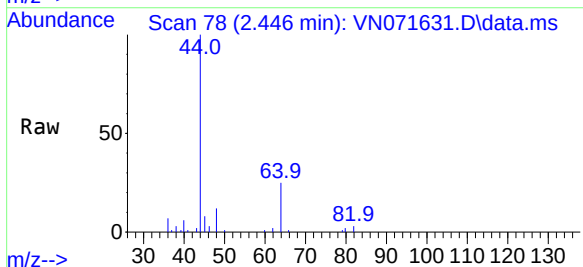
Instrument :
MSVOA_N
ClientSampleId :
PB143701TB

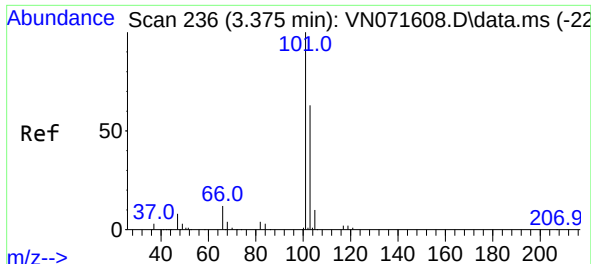
Tgt Ion:168 Resp: 647605
Ion Ratio Lower Upper
168 100
99 53.1 42.3 63.5



#4
Vinyl Chloride
Concen: 0.023 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.006 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Tgt Ion: 62 Resp: 194
Ion Ratio Lower Upper
62 100
64 190.8 25.0 37.4

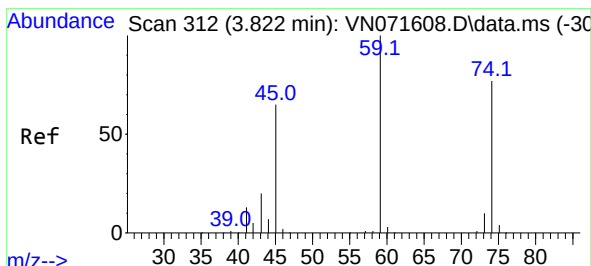
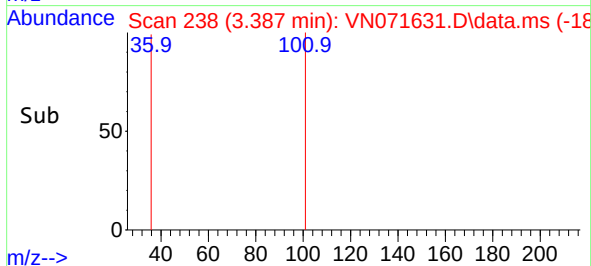
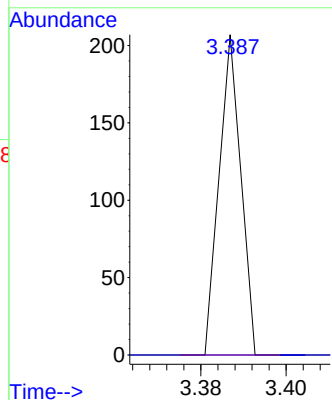
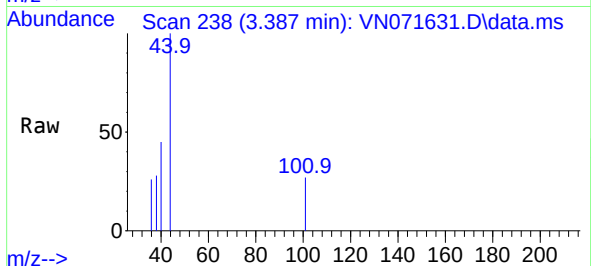




#7
Trichlorofluoromethane
Concen: 0.007 ug/l
RT: 3.387 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

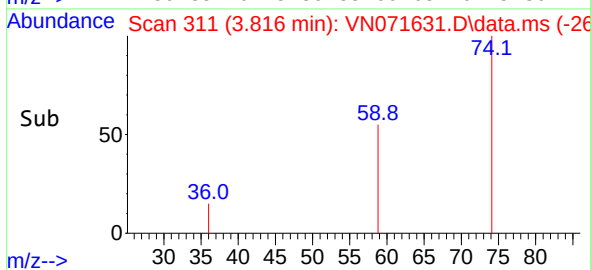
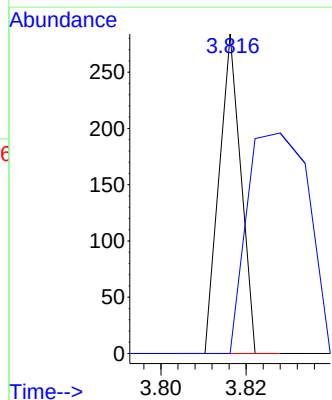
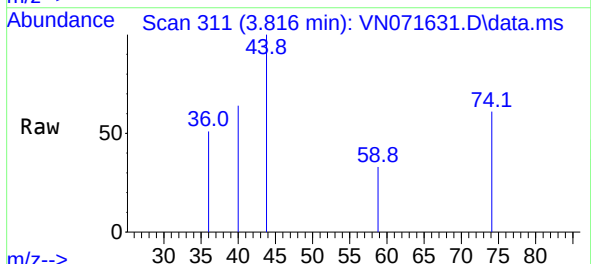
Instrument :
MSVOA_N
ClientSampleId :
PB143701TB

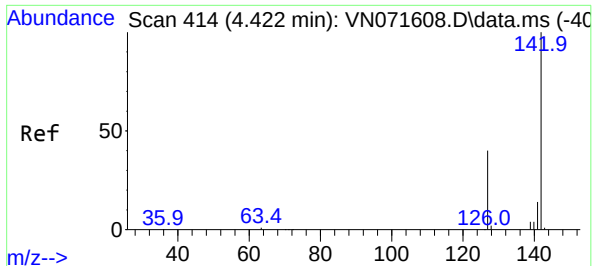
Tgt Ion:101 Resp: 73
Ion Ratio Lower Upper
101 100
103 0.0 51.5 77.3#



#8
Diethyl Ether
Concen: 0.024 ug/l
RT: 3.816 min Scan# 311
Delta R.T. -0.006 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Tgt Ion: 74 Resp: 100
Ion Ratio Lower Upper
74 100
45 196.0 42.9 128.5#

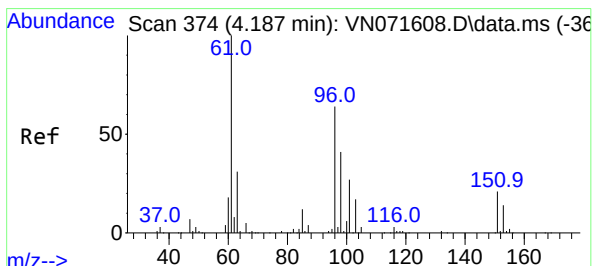
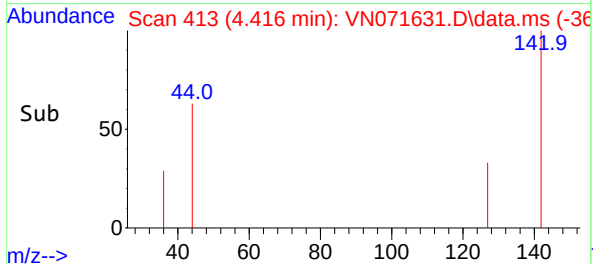
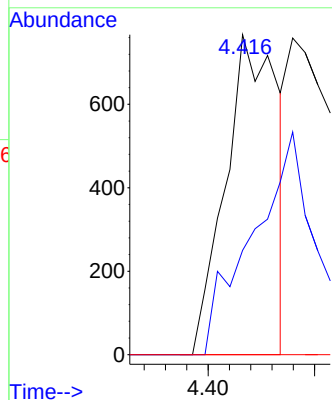
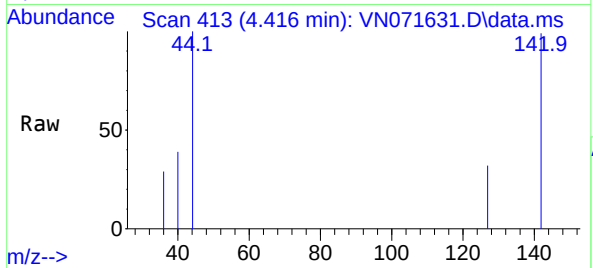




#10
Methyl Iodide
Concen: 0.147 ug/l
RT: 4.416 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

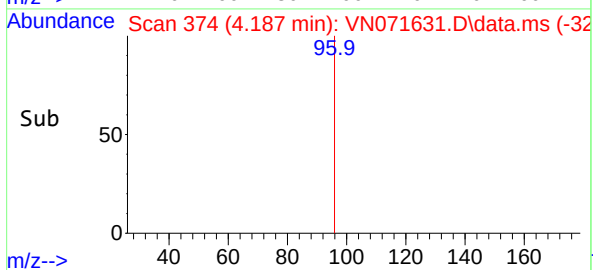
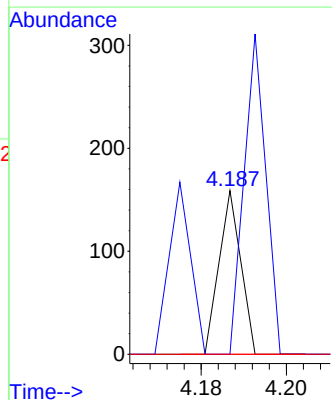
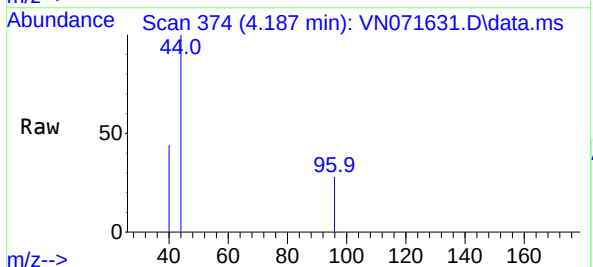
Instrument :
MSVOA_N
ClientSampleId :
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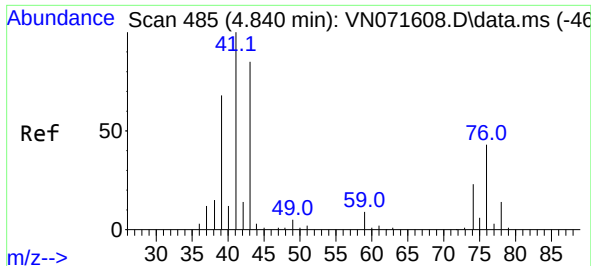
Tgt Ion:142 Resp: 1304
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#



#12
1,1-Dichloroethene
Concen: 0.010 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.000 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Tgt Ion: 96 Resp: 56
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#

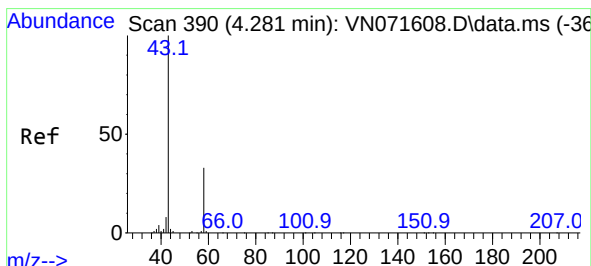
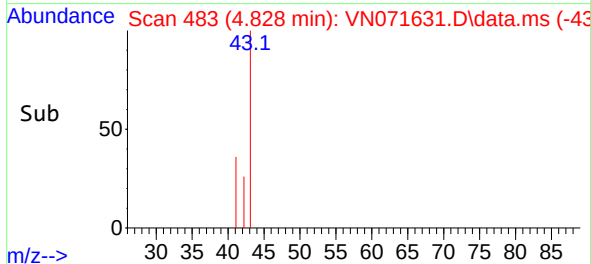
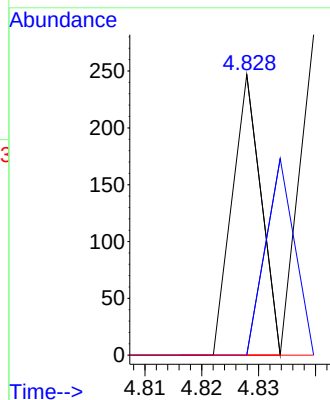
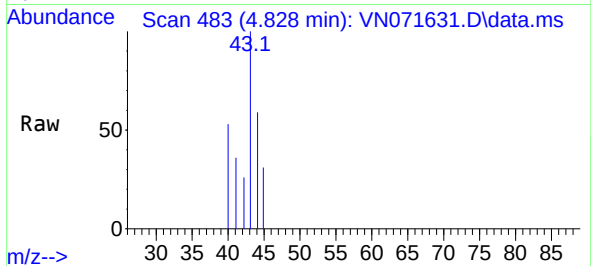




#14
 Allyl chloride
 Concen: 0.009 ug/l
 RT: 4.828 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: VN071631.D
 Acq: 29 Mar 2022 14:55

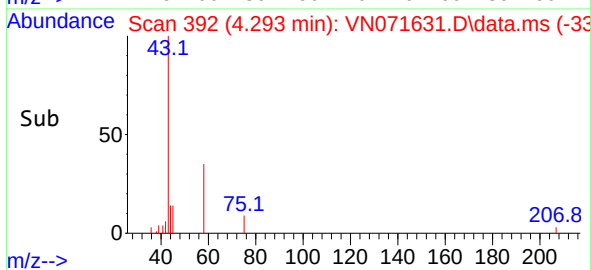
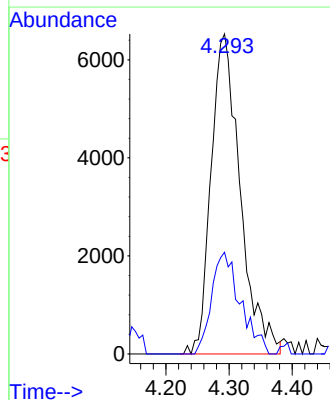
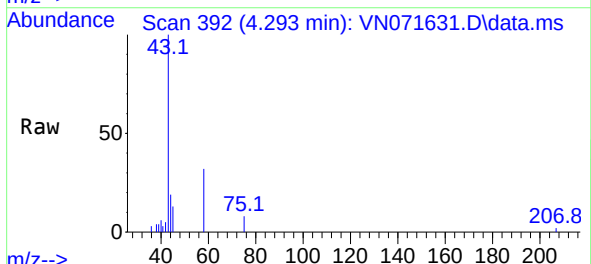
Instrument :
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 ClientSampleId :
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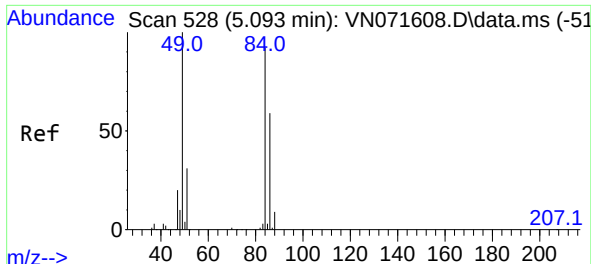
Tgt Ion: 41 Resp: 87
 Ion Ratio Lower Upper
 41 100
 39 70.1 53.2 79.8
 76 0.0 29.9 44.9#



#16
 Acetone
 Concen: 6.532 ug/l
 RT: 4.293 min Scan# 392
 Delta R.T. 0.012 min
 Lab File: VN071631.D
 Acq: 29 Mar 2022 14:55

Tgt Ion: 43 Resp: 20910
 Ion Ratio Lower Upper
 43 100
 58 31.8 26.0 39.0



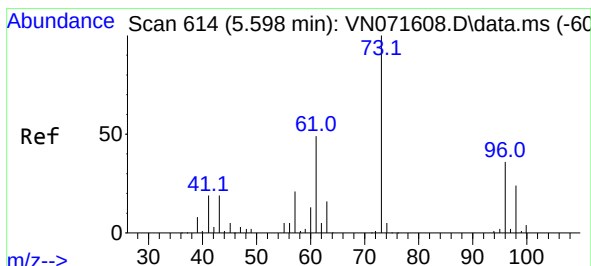
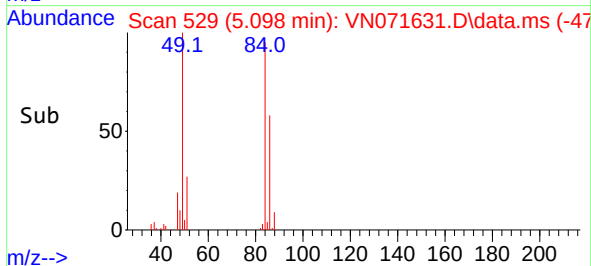
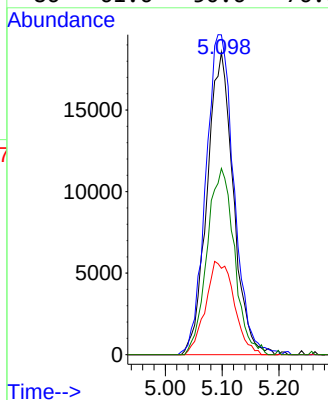
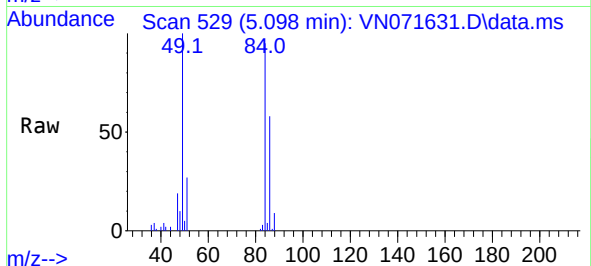


#20
Methylene Chloride
Concen: 8.401 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Instrument :
MSVOA_N
ClientSampleId :
PB143701TB

Tgt Ion: 84 Resp: 59441

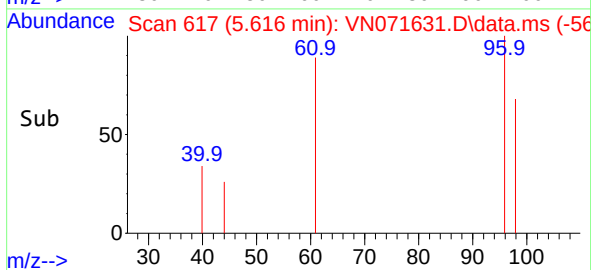
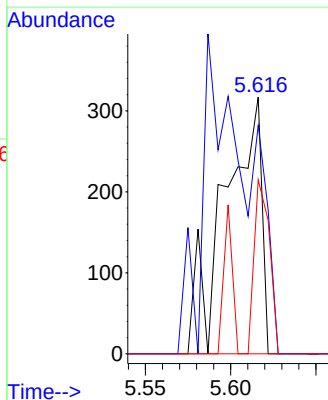
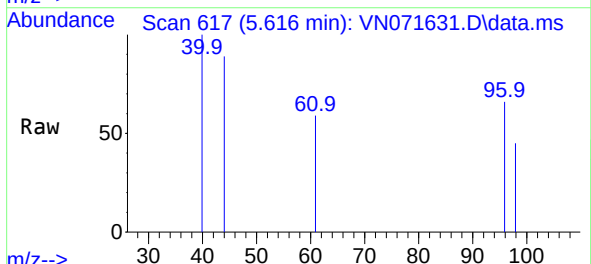
Ion	Ratio	Lower	Upper
84	100		
49	105.8	88.3	132.5
51	28.5	28.2	42.2
86	61.6	50.6	76.0

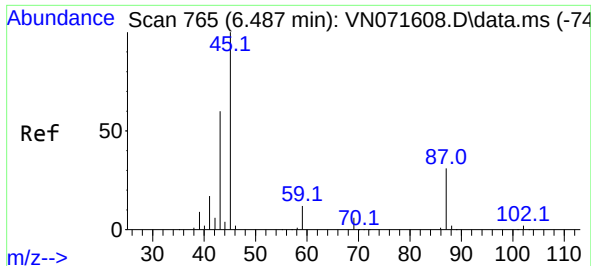


#21
trans-1,2-Dichloroethene
Concen: 0.076 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.018 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Tgt Ion: 96 Resp: 475

Ion	Ratio	Lower	Upper
96	100		
61	89.0	105.8	158.8#
98	67.8	50.3	75.5

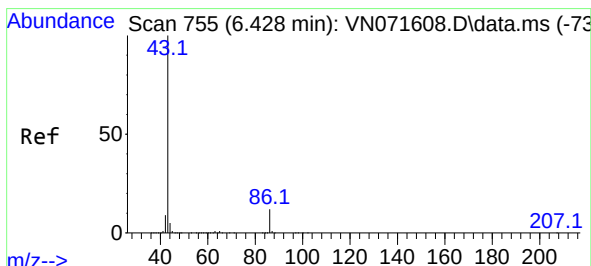
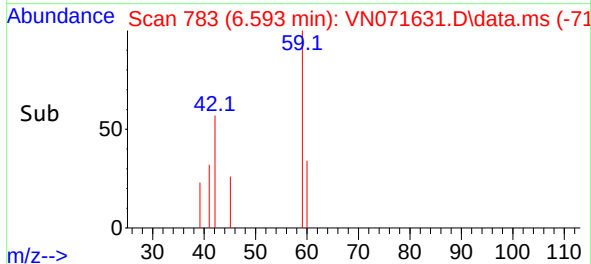
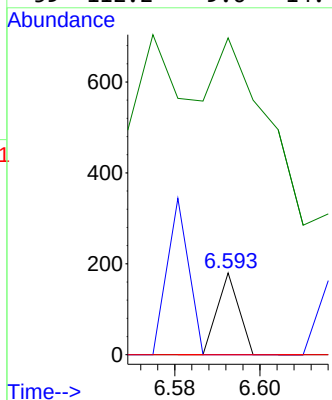
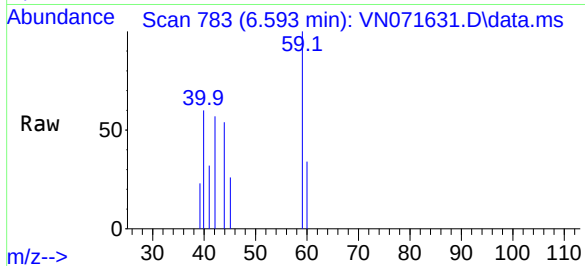




#22
Diisopropyl ether
Concen: 0.003 ug/l
RT: 6.593 min Scan# 71
Delta R.T. 0.106 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

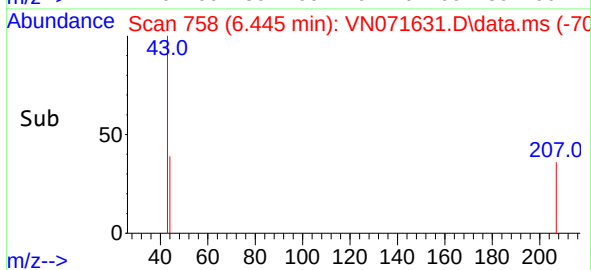
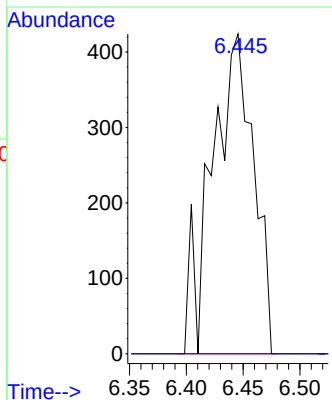
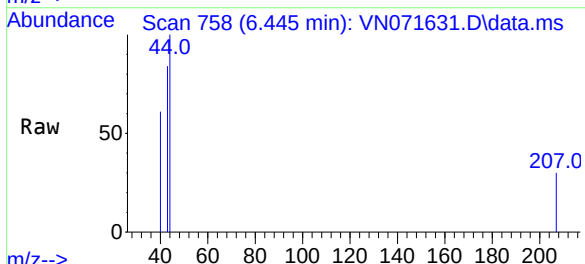
Instrument :
MSVOA_N
ClientSampleId :
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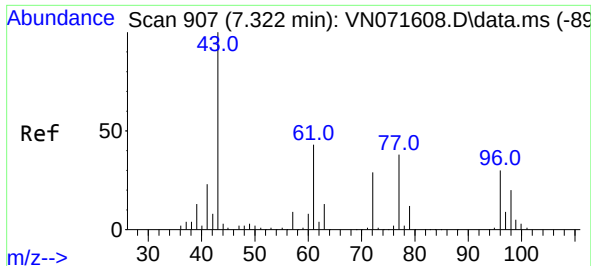
Tgt Ion: 45	Resp: 64
Ion Ratio	Lower Upper
45 100	
43 0.0	46.6 70.0#
87 0.0	24.3 36.5#
59 112.2	9.6 14.4#



#23
Vinyl Acetate
Concen: 0.065 ug/l
RT: 6.445 min Scan# 758
Delta R.T. 0.018 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Tgt Ion: 43	Resp: 1081		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	10.0	15.0#	

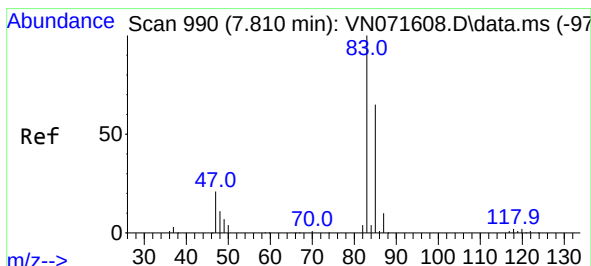
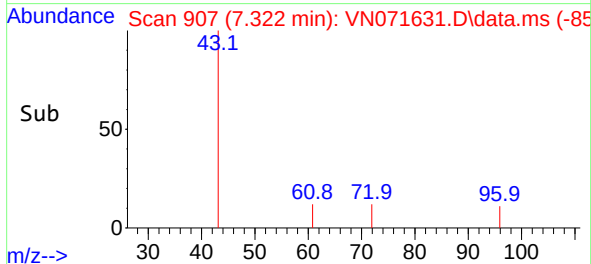
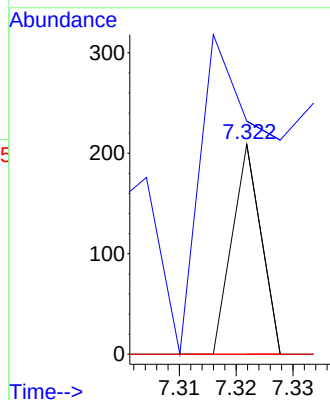
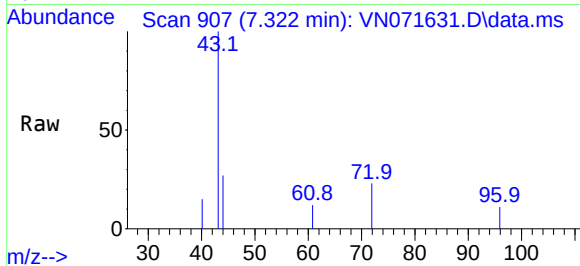




#27
cis-1,2-Dichloroethene
Concen: 0.010 ug/l
RT: 7.322 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

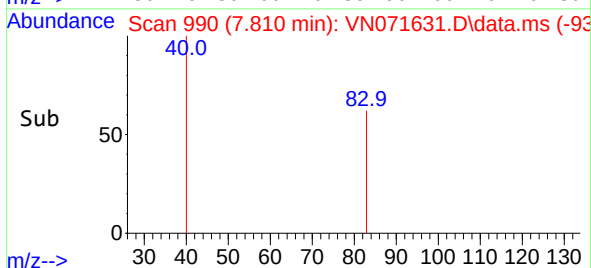
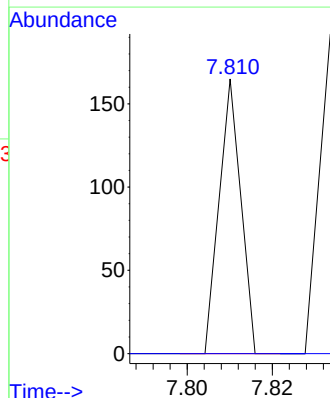
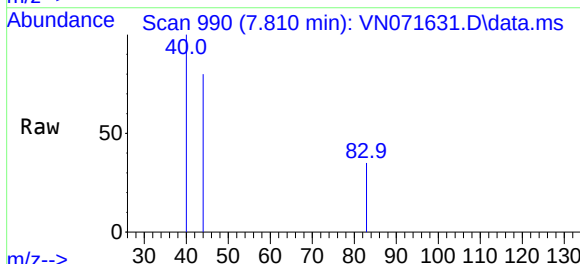
Instrument :
MSVOA_N
ClientSampleId :
PB143701TB

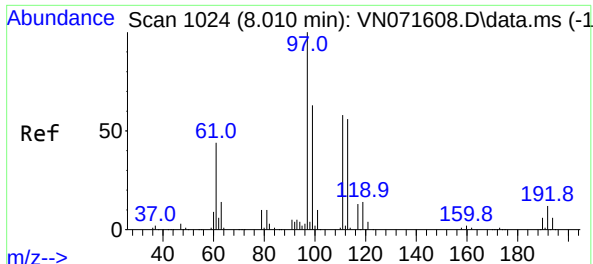
Tgt Ion: 96 Resp: 74
Ion Ratio Lower Upper
96 100
61 639.2 0.0 280.6#
98 0.0 0.0 128.4



#30
Chloroform
Concen: 0.005 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Tgt Ion: 83 Resp: 58
Ion Ratio Lower Upper
83 100
85 0.0 51.8 77.8#

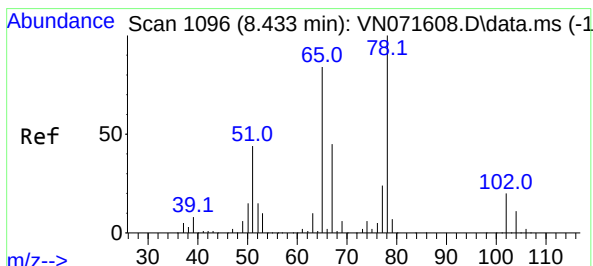
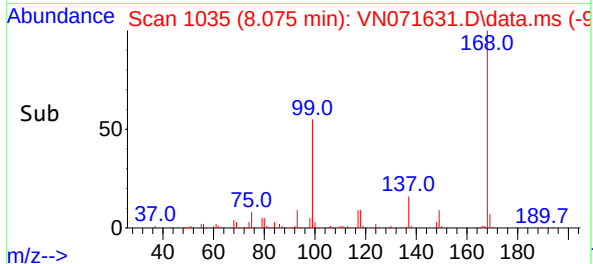
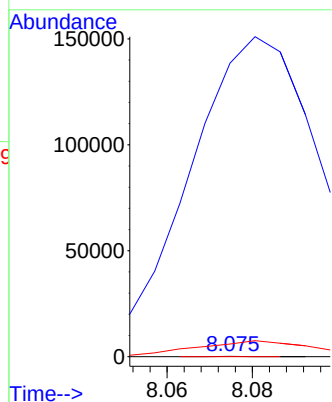
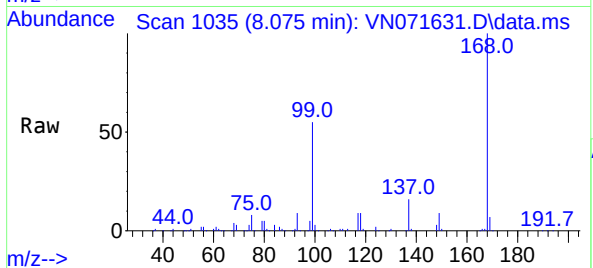




#32
1,1,1-Trichloroethane
Concen: 0.006 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. 0.065 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

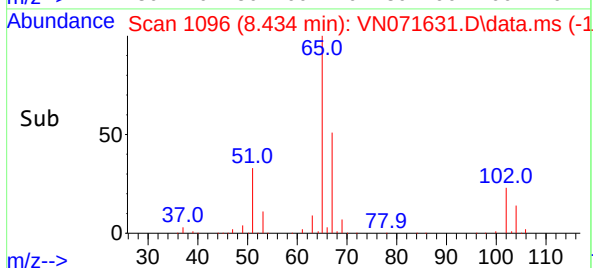
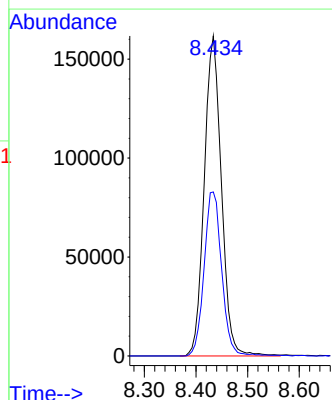
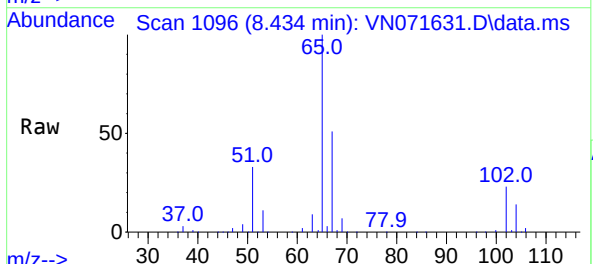
Instrument :
MSVOA_N
ClientSampleId :
PB143701TB

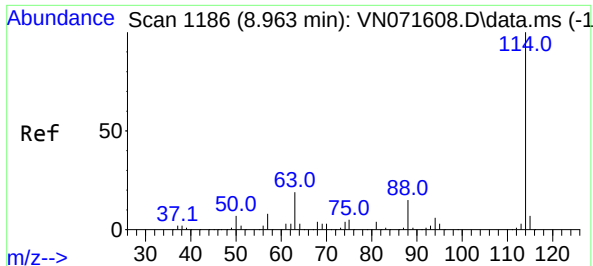
Tgt Ion: 97 Resp: 60
Ion Ratio Lower Upper
97 100
99 577520.0 50.6 76.0#
61 25951.7 36.0 54.0#



#33
1,2-Dichloroethane-d4
Concen: 48.022 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Tgt Ion: 65 Resp: 372888
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.8

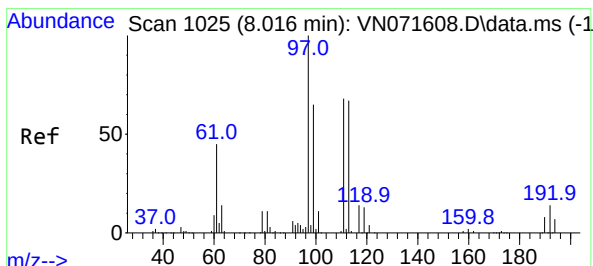
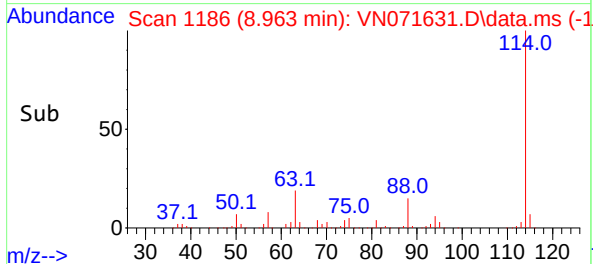
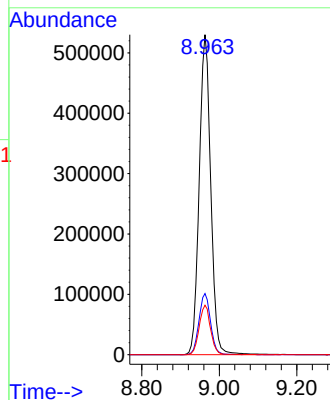
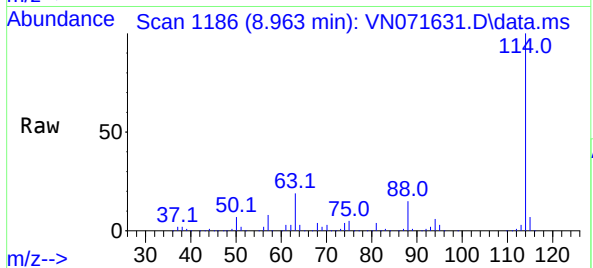




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

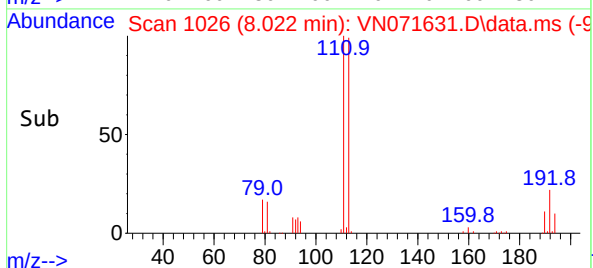
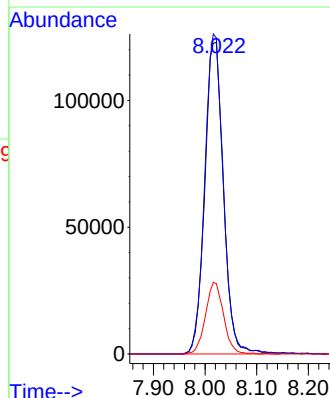
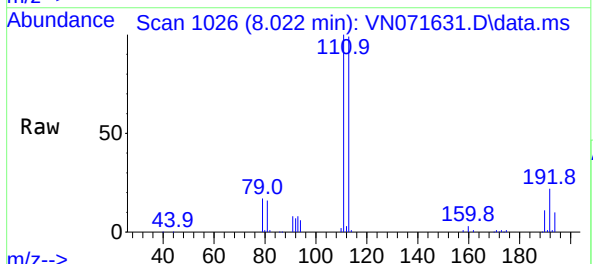
Instrument :
MSVOA_N
ClientSampleId :
PB143701TB

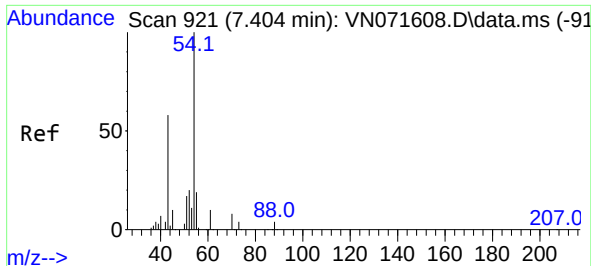
Tgt Ion:114 Resp: 1091069
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 15.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.196 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Tgt Ion:113 Resp: 309548
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 22.1 17.0 25.6

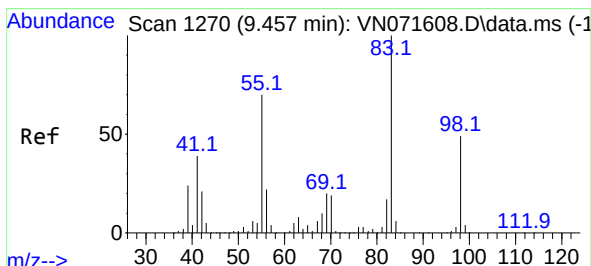
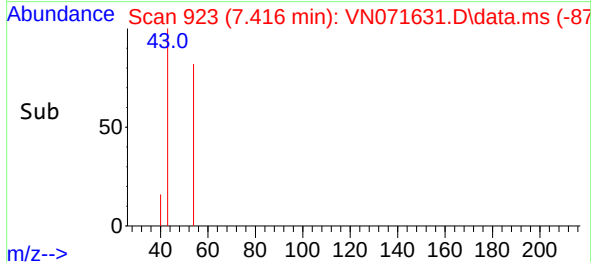
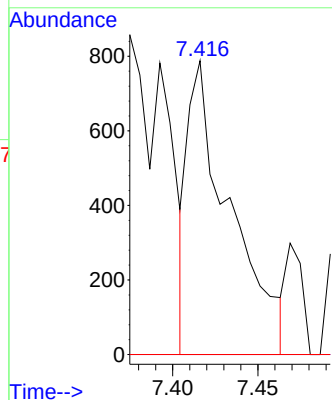
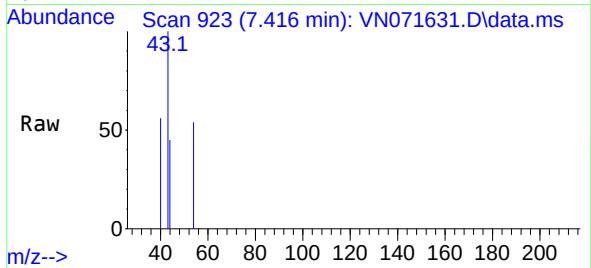




#37
Ethyl Acetate
Concen: 0.129 ug/l
RT: 7.416 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

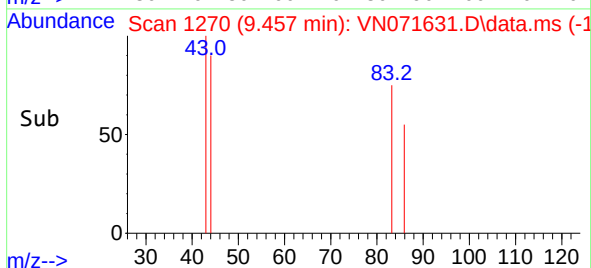
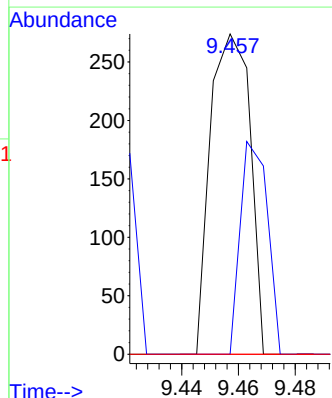
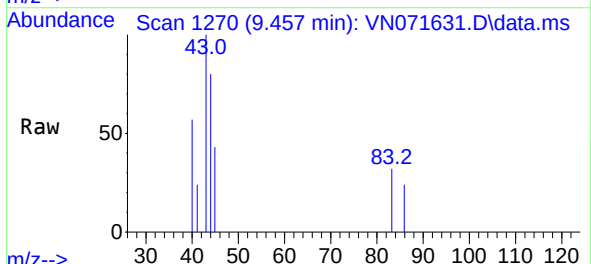
Instrument :
MSVOA_N
ClientSampleId :
PB143701TB

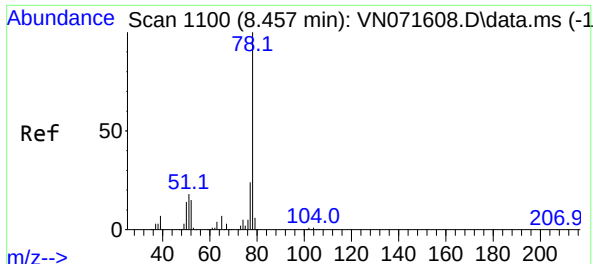
Tgt Ion: 43 Resp: 1358
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#39
Methylcyclohexane
Concen: 0.022 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Tgt Ion: 83 Resp: 266
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 0.0 39.4 59.2#

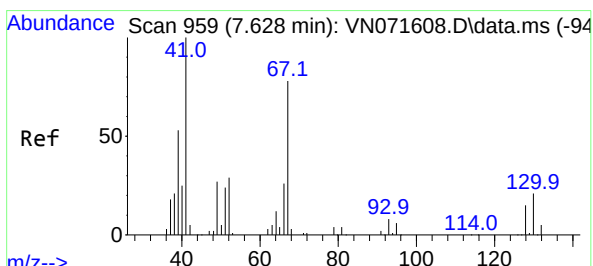
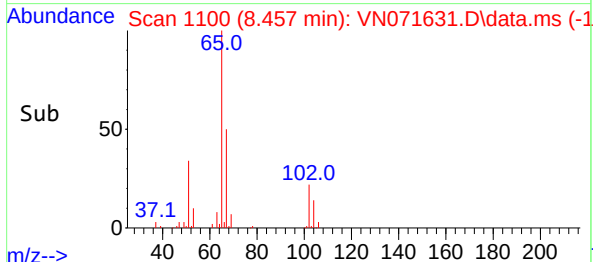
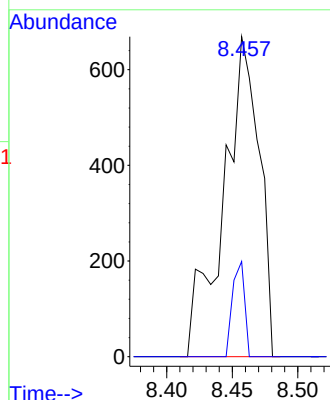
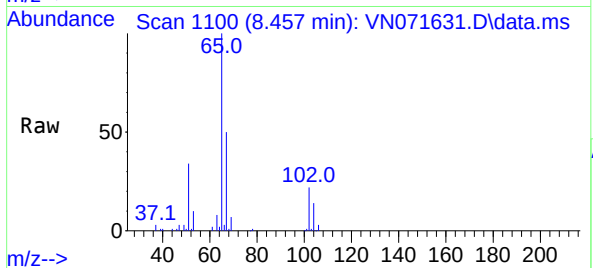




#40
Benzene
Concen: 0.043 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

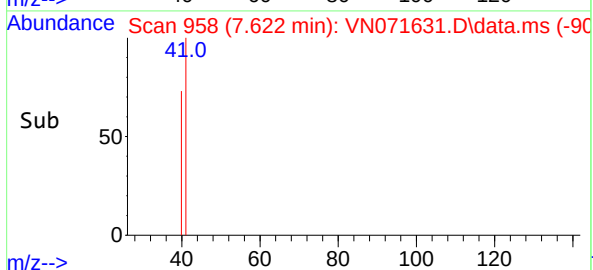
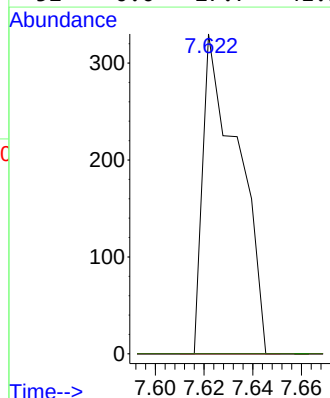
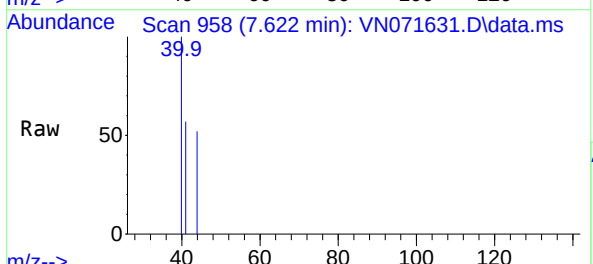
Instrument :
MSVOA_N
ClientSampleId :
PB143701TB

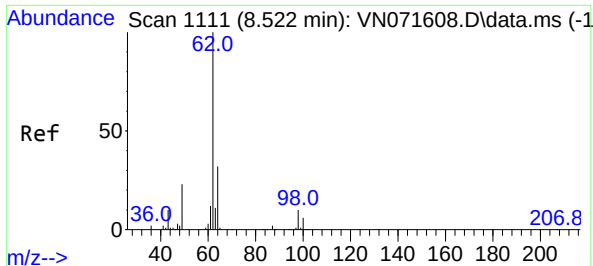
Tgt Ion: 78 Resp: 1273
Ion Ratio Lower Upper
78 100
77 29.7 19.4 29.0#



#41
Methacrylonitrile
Concen: 0.065 ug/l
RT: 7.622 min Scan# 958
Delta R.T. -0.006 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Tgt Ion: 41 Resp: 331
Ion Ratio Lower Upper
41 100
39 0.0 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#

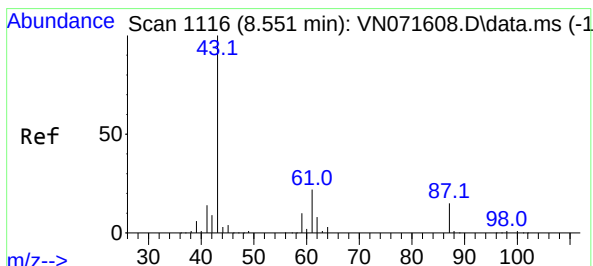
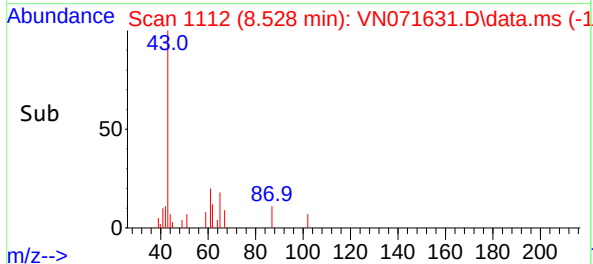
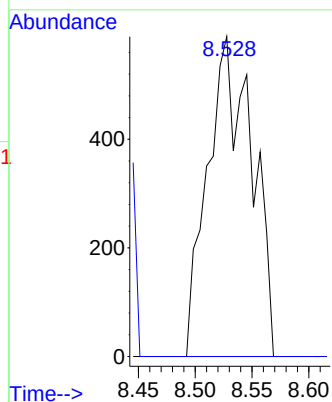
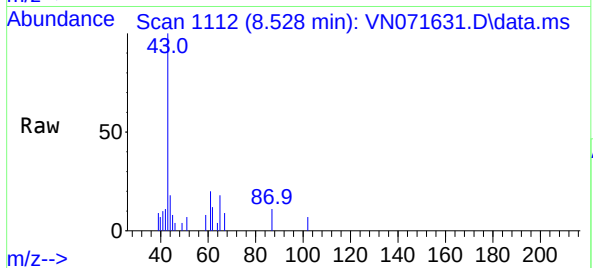




#42
1,2-Dichloroethane
Concen: 0.156 ug/l
RT: 8.528 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

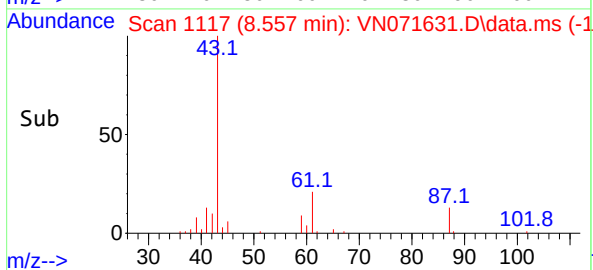
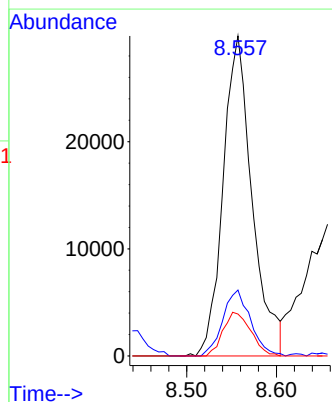
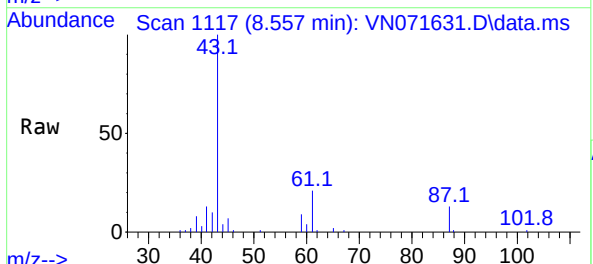
Instrument :
MSVOA_N
ClientSampleId :
PB143701TB

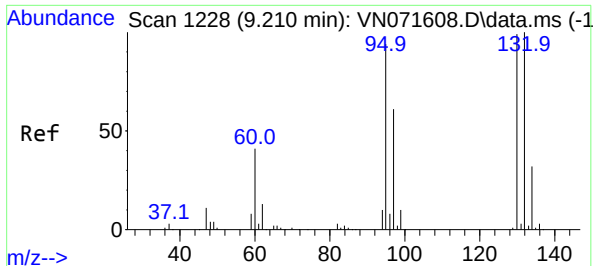
Tgt Ion: 62 Resp: 1598
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4



#43
Isopropyl Acetate
Concen: 4.096 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Tgt Ion: 43 Resp: 67193
Ion Ratio Lower Upper
43 100
61 19.7 21.9 32.9#
87 13.0 12.0 18.0

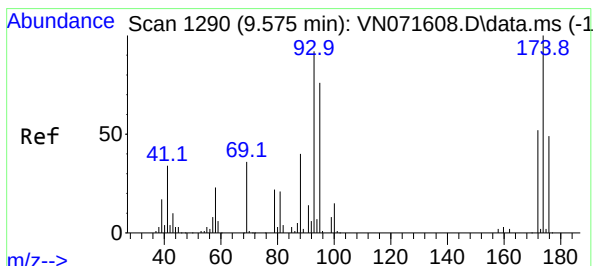
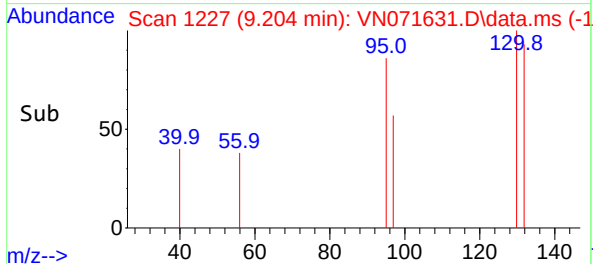
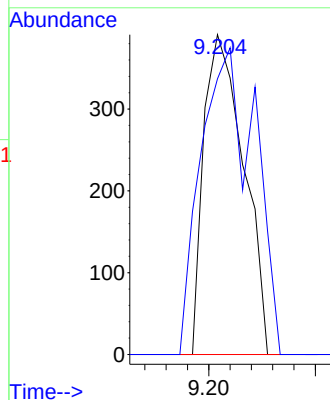
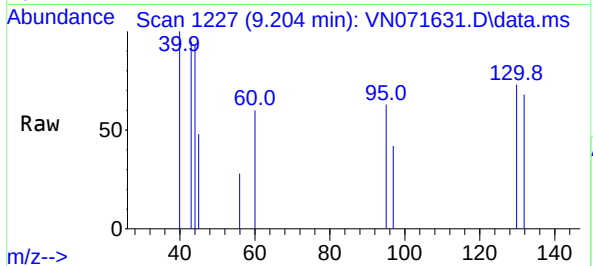




#44
Trichloroethene
Concen: 0.065 ug/l
RT: 9.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

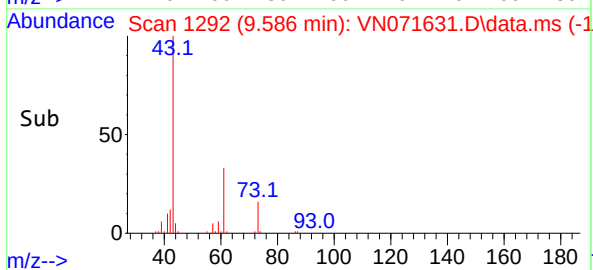
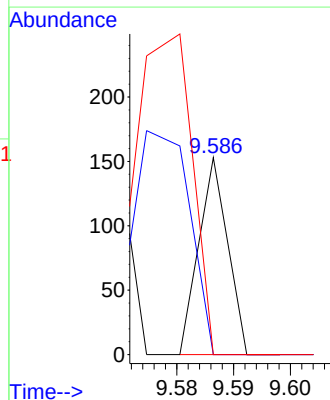
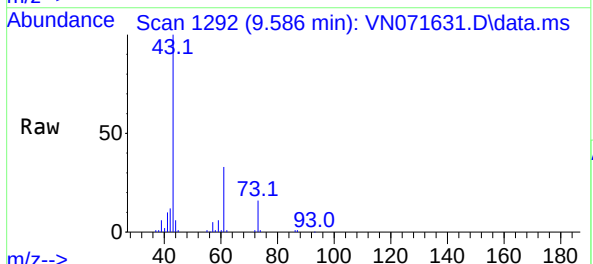
Instrument :
MSVOA_N
ClientSampleId :
PB143701TB

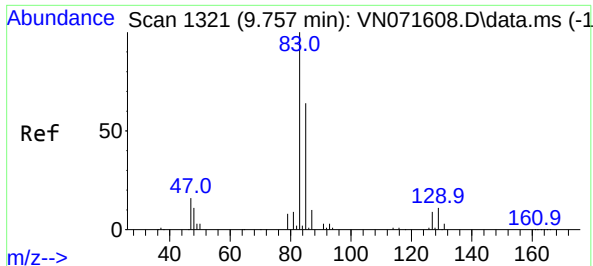
Tgt Ion:130 Resp: 508
Ion Ratio Lower Upper
130 100
95 86.2 0.0 186.8



#46
Dibromomethane
Concen: 0.011 ug/l
RT: 9.586 min Scan# 1292
Delta R.T. 0.012 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Tgt Ion: 93 Resp: 54
Ion Ratio Lower Upper
93 100
95 220.4 66.9 100.3#
174 448.1 86.6 130.0#

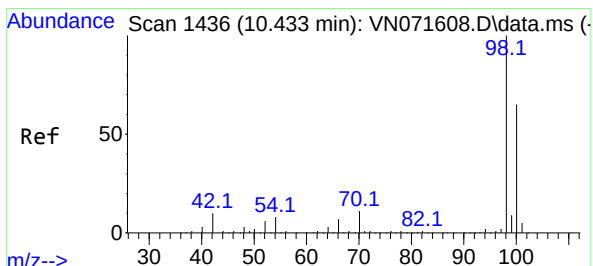
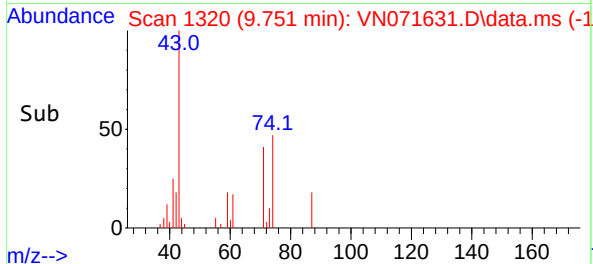
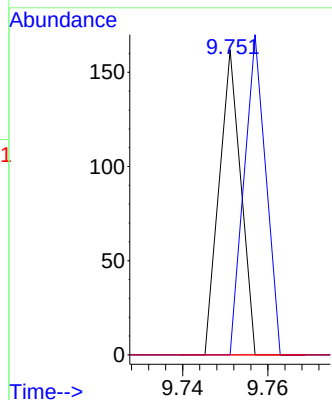
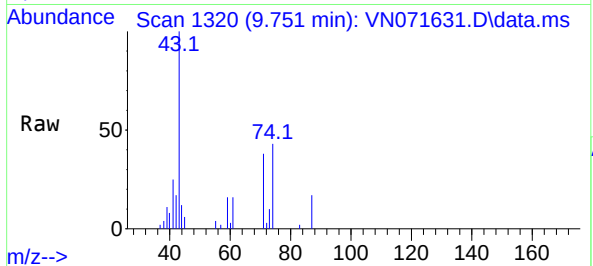




#47
Bromodichloromethane
Concen: 0.006 ug/l
RT: 9.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

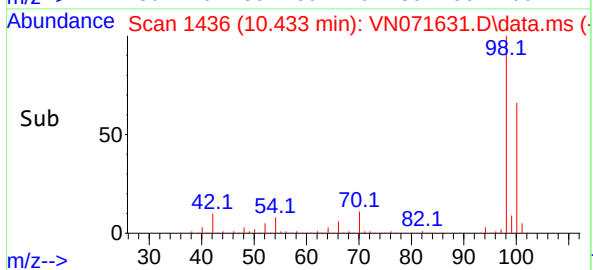
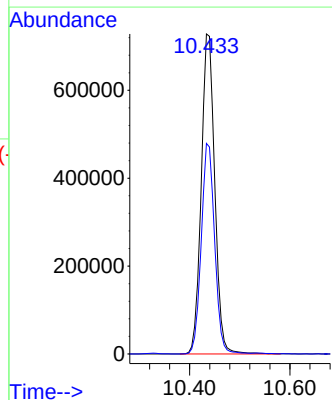
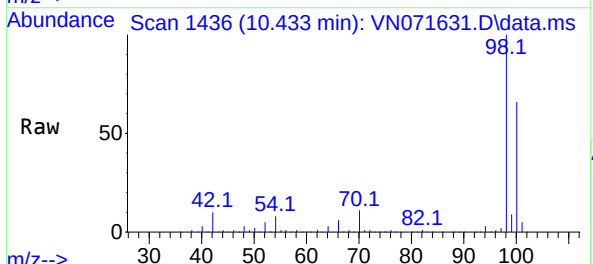
Instrument :
MSVOA_N
ClientSampleId :
PB143701TB

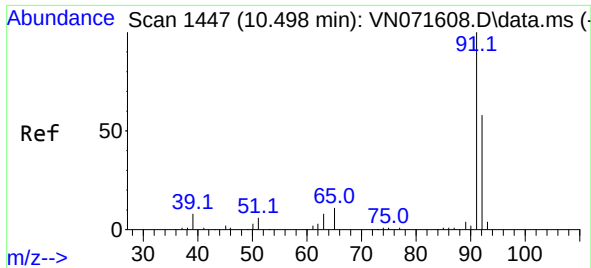
Tgt Ion: 83 Resp: 57
Ion Ratio Lower Upper
83 100
85 0.0 50.5 75.7#
127 0.0 6.8 10.2#



#50
Toluene-d8
Concen: 49.262 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. 0.000 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Tgt Ion: 98 Resp: 1361607
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

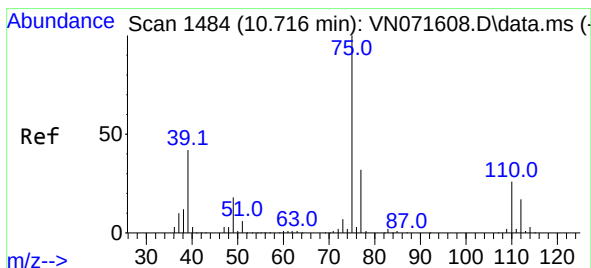
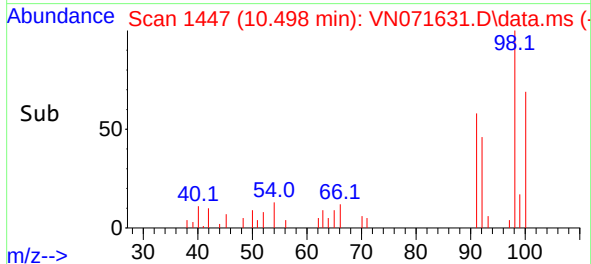
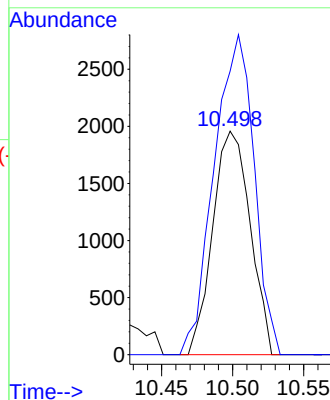
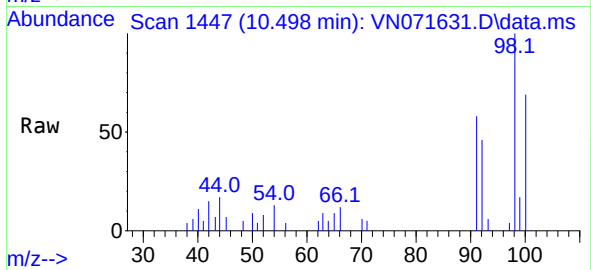




#52
Toluene
Concen: 0.189 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

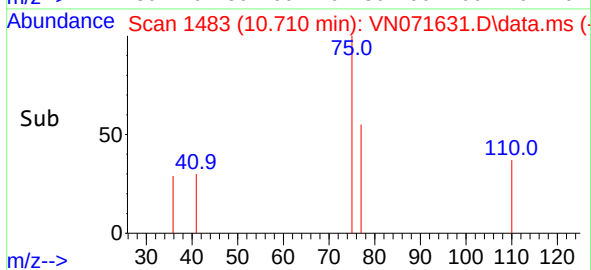
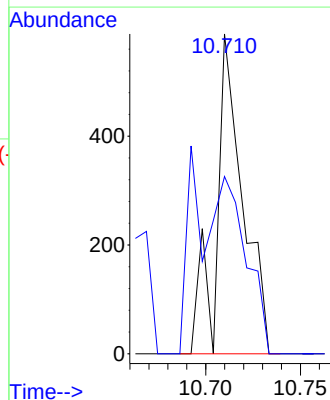
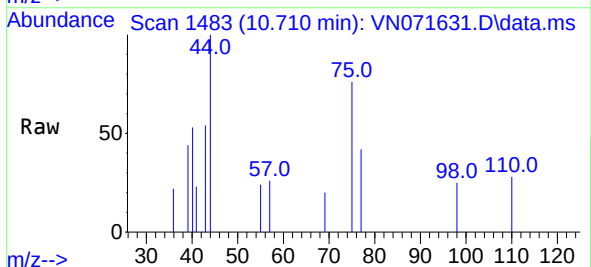
Instrument :
MSVOA_N
ClientSampleId :
PB143701TB

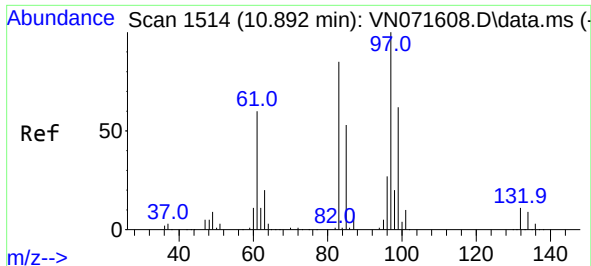
Tgt Ion: 92 Resp: 3592
Ion Ratio Lower Upper
92 100
91 152.9 138.6 207.8



#53
t-1,3-Dichloropropene
Concen: 0.053 ug/l
RT: 10.710 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

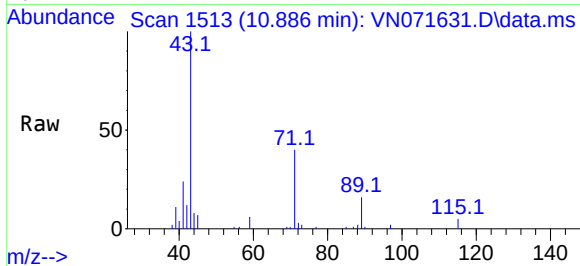
Tgt Ion: 75 Resp: 570
Ion Ratio Lower Upper
75 100
77 55.4 25.6 38.4#



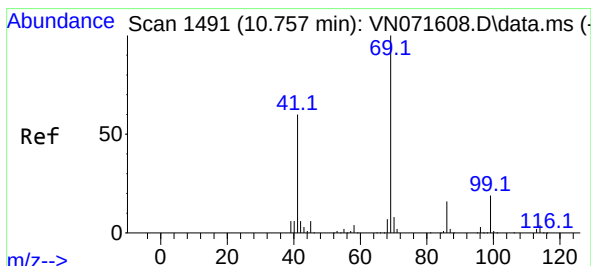
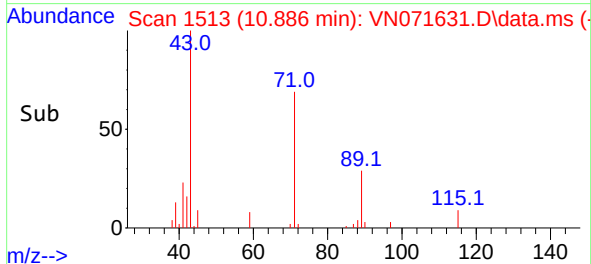
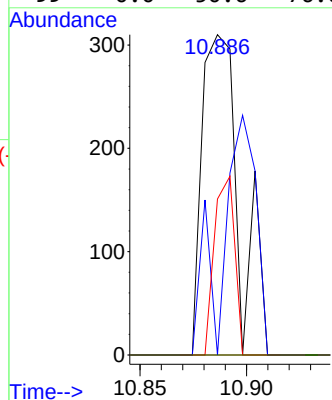


#55
1,1,2-Trichloroethane
Concen: 0.049 ug/l
RT: 10.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Instrument :
MSVOA_N
ClientSampleId :
PB143701TB

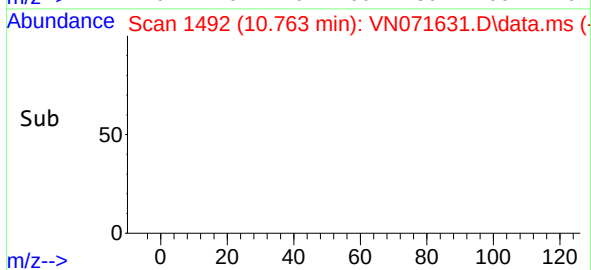
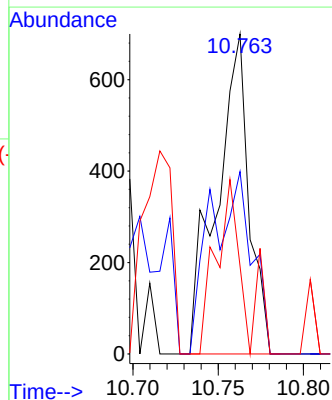
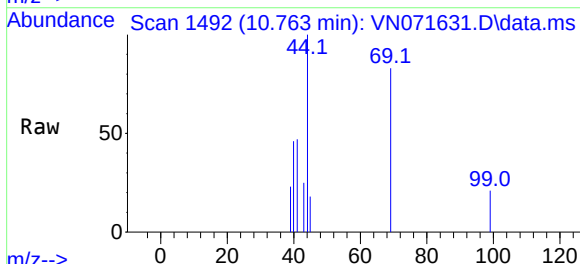


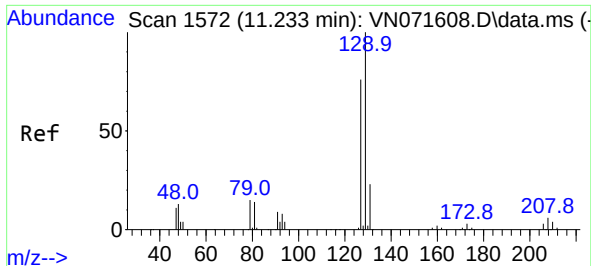
Tgt Ion:	97	Resp:	377
Ion	Ratio	Lower	Upper
97	100		
83	0.0	66.2	99.4#
85	48.7	43.9	65.9
99	0.0	50.6	76.0#



#56
Ethyl methacrylate
Concen: 0.080 ug/l
RT: 10.763 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Tgt Ion:	69	Resp:	921
Ion	Ratio	Lower	Upper
69	100		
41	0.0	47.8	71.6#
39	0.0	27.3	40.9#

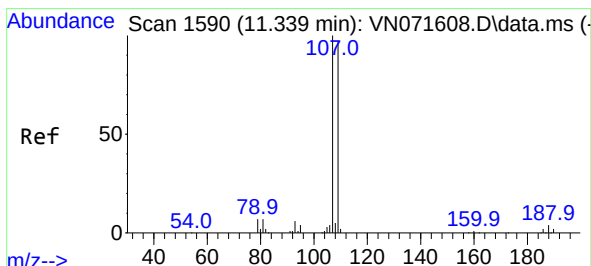
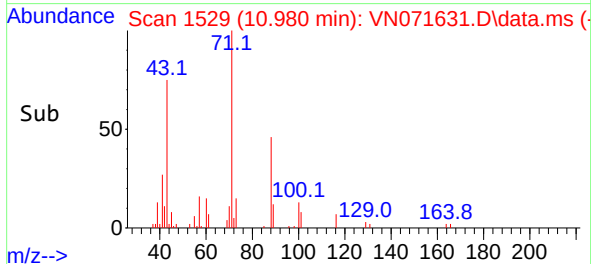
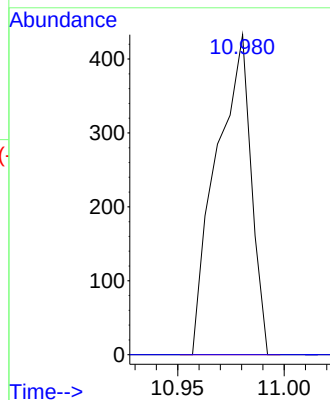
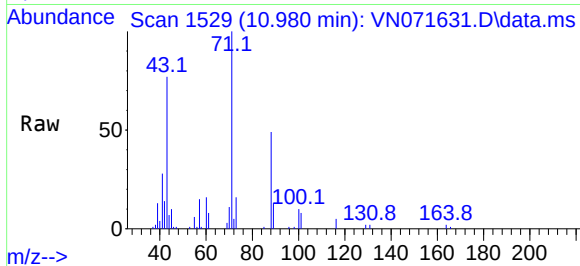




#60
Dibromochloromethane
Concen: 0.064 ug/l
RT: 10.980 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

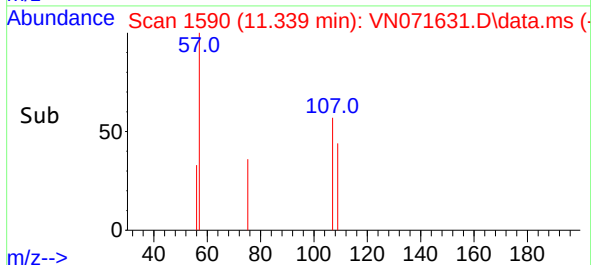
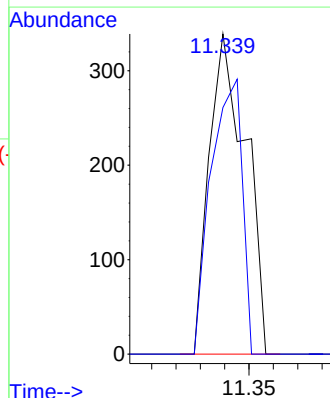
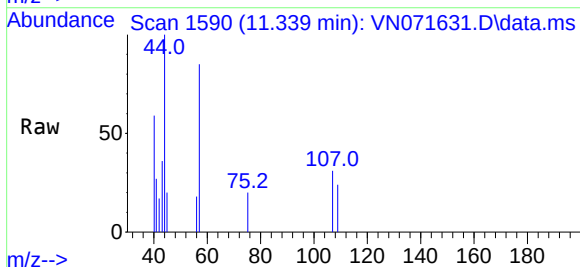
Instrument :
MSVOA_N
ClientSampleId :
PB143701TB

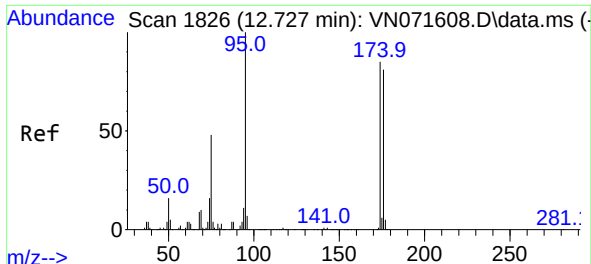
Tgt Ion:129 Resp: 491
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#61
1,2-Dibromoethane
Concen: 0.046 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Tgt Ion:107 Resp: 353
Ion Ratio Lower Upper
107 100
109 73.4 75.0 112.6#

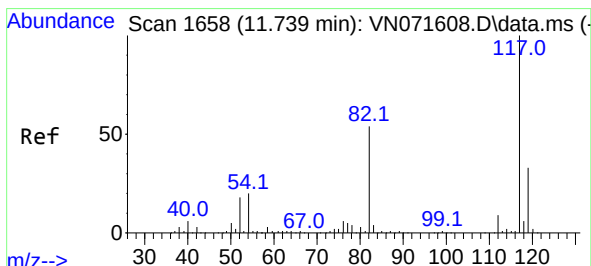
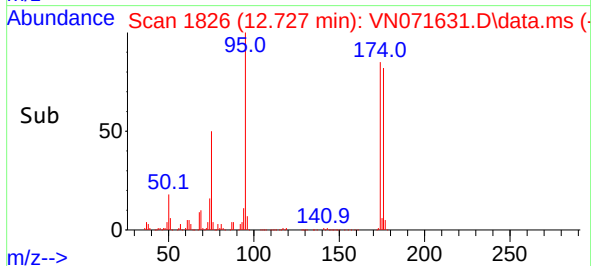
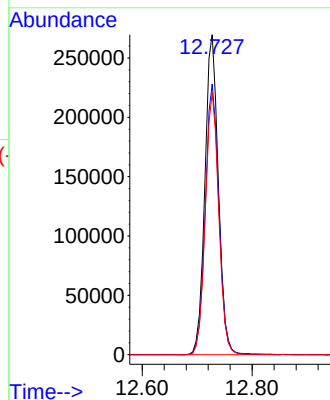
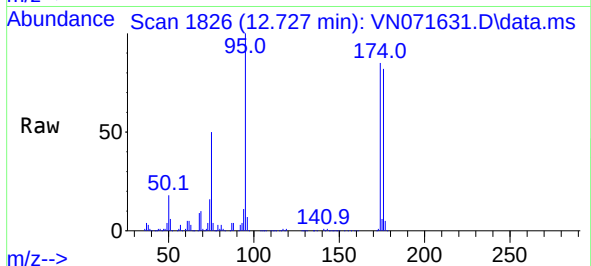




#62
4-Bromofluorobenzene
Concen: 50.632 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

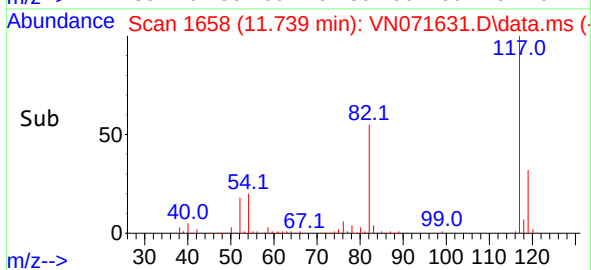
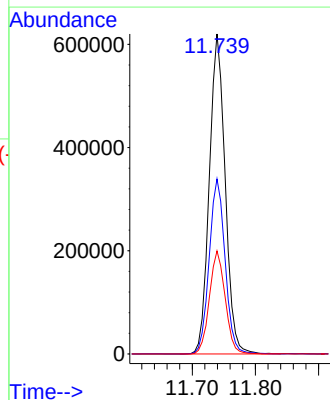
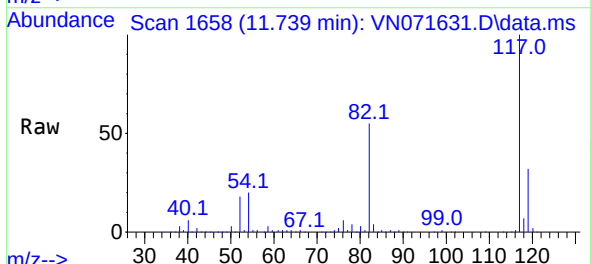
Instrument :
MSVOA_N
ClientSampleId :
PB143701TB

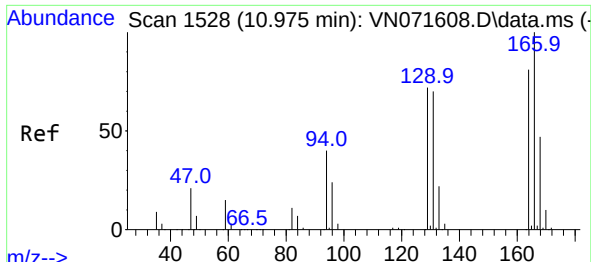
Tgt Ion: 95 Resp: 456540
Ion Ratio Lower Upper
95 100
174 85.9 0.0 167.6
176 81.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Tgt Ion: 117 Resp: 1082509
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 32.2 25.4 38.0





#64
Tetrachloroethene

Concen: 0.087 ug/l

RT: 10.975 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071631.D

Acq: 29 Mar 2022 14:55

Instrument :

MSVOA_N

ClientSampleId :

PB143701TB

Tgt Ion:164 Resp: 653

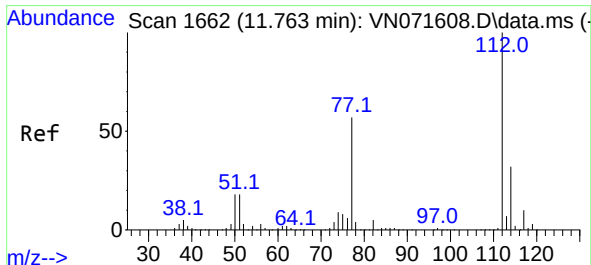
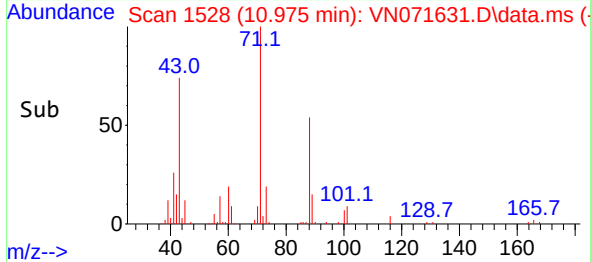
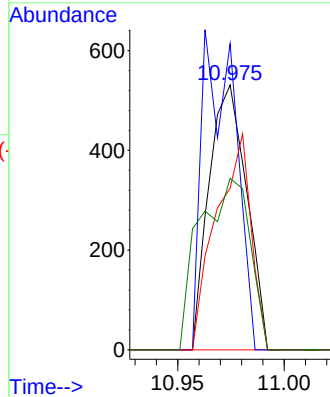
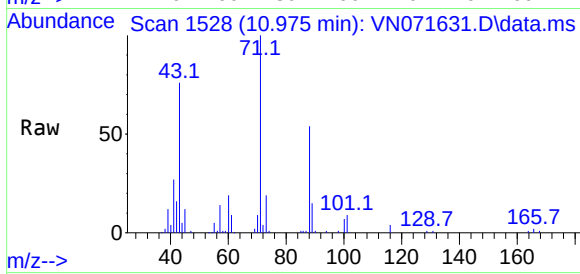
Ion Ratio Lower Upper

164 100

166 115.6 104.2 156.2

129 61.0 73.9 110.9#

131 64.8 69.4 104.2#



#65

Chlorobenzene

Concen: 0.098 ug/l

RT: 11.769 min Scan# 1663

Delta R.T. 0.006 min

Lab File: VN071631.D

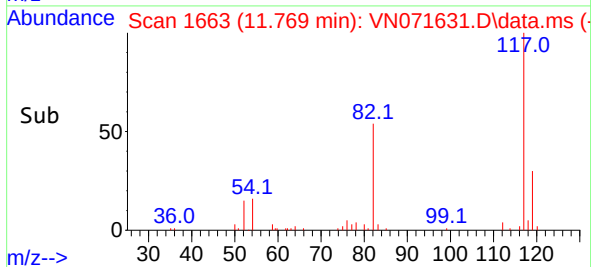
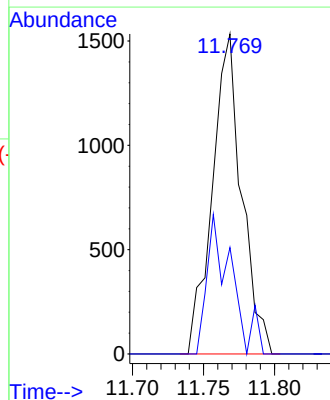
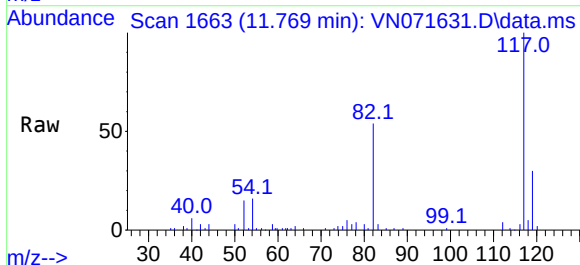
Acq: 29 Mar 2022 14:55

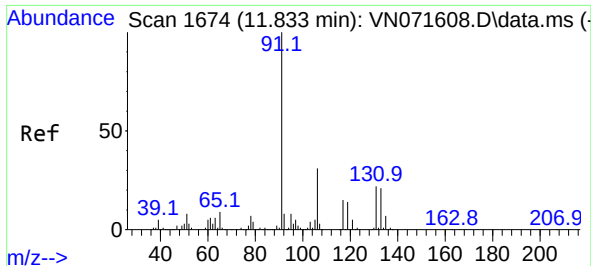
Tgt Ion:112 Resp: 2206

Ion Ratio Lower Upper

112 100

114 33.2 25.4 38.2

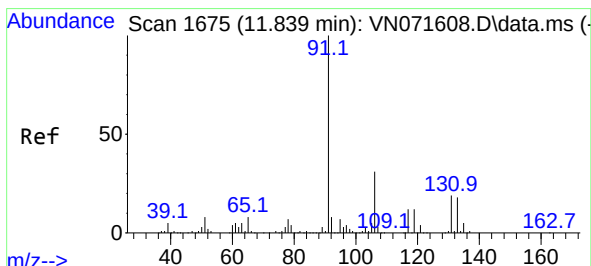
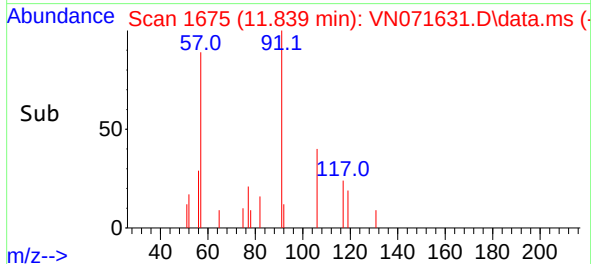
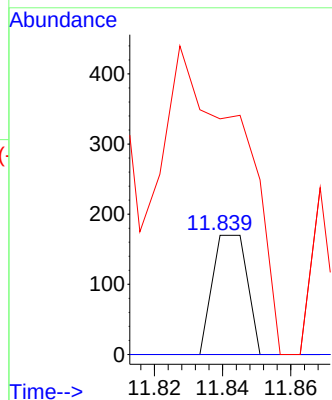
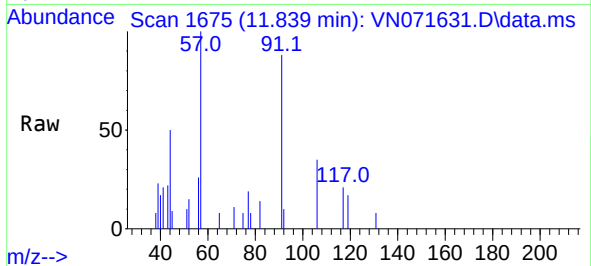




#66
1,1,1,2-Tetrachloroethane
Concen: 0.015 ug/l
RT: 11.839 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

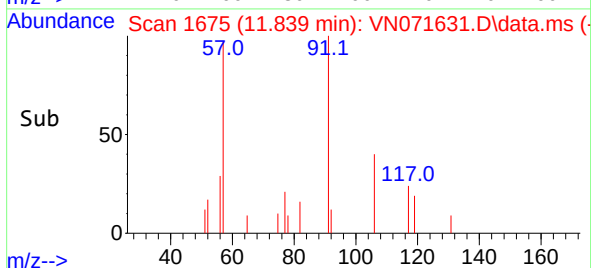
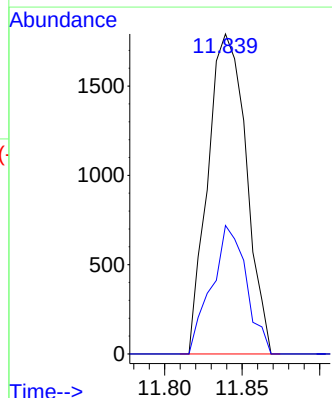
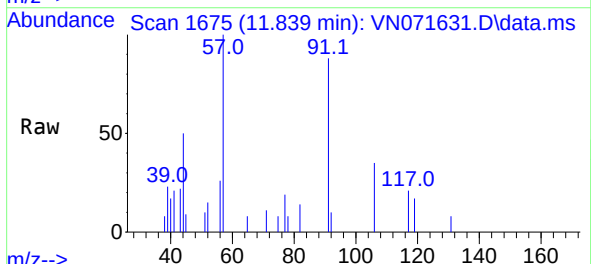
Instrument :
MSVOA_N
ClientSampleId :
PB143701TB

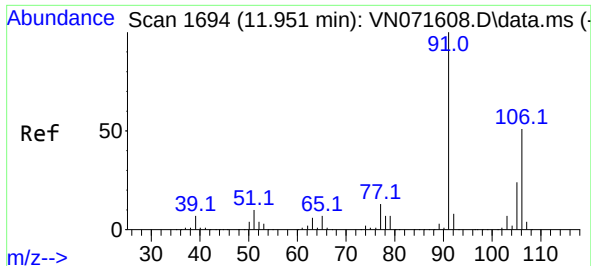
Tgt Ion:131 Resp: 120
Ion Ratio Lower Upper
131 100
133 0.0 47.8 143.4#
119 0.0 33.4 100.2#



#67
Ethyl Benzene
Concen: 0.079 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Tgt Ion: 91 Resp: 3081
Ion Ratio Lower Upper
91 100
106 40.1 24.9 37.3#

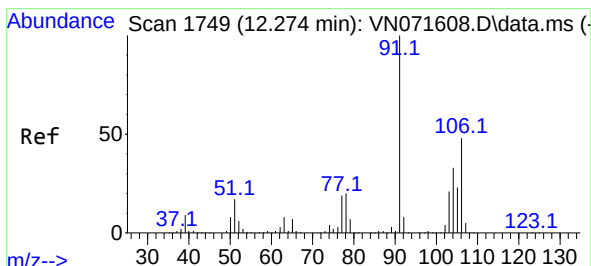
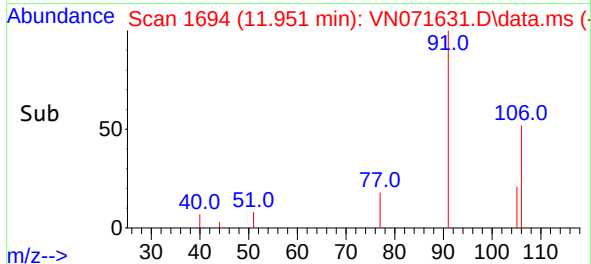
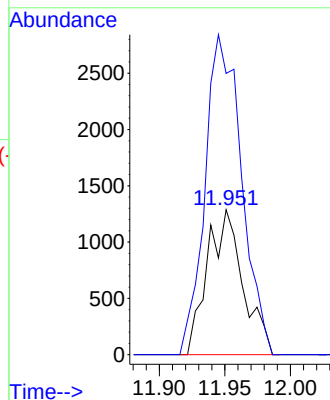
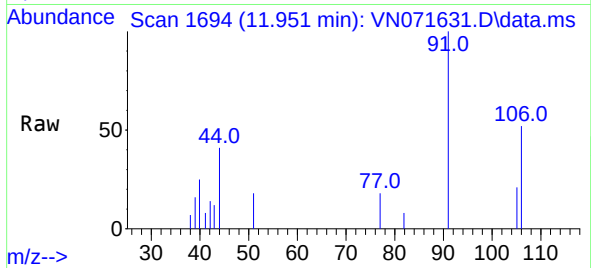




#68
m/p-Xylenes
Concen: 0.164 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

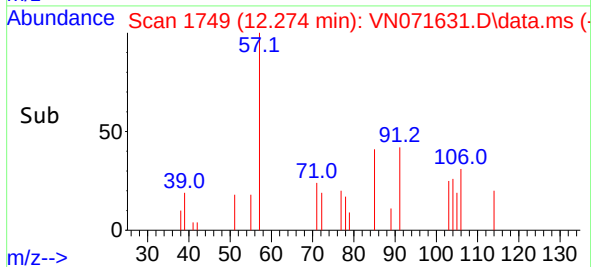
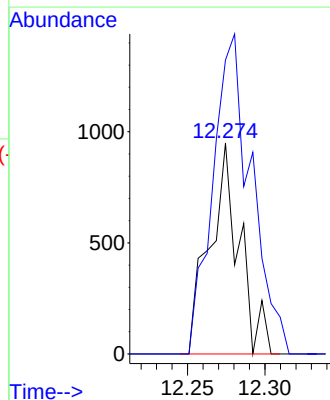
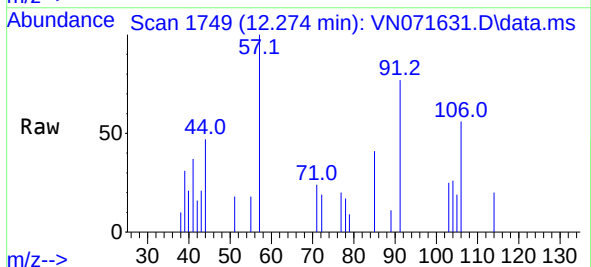
Instrument :
MSVOA_N
ClientSampleId :
PB143701TB

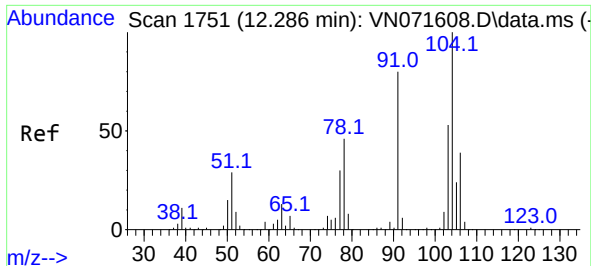
Tgt Ion:106 Resp: 2425
Ion Ratio Lower Upper
106 100
91 227.5 158.9 238.3



#69
o-Xylene
Concen: 0.085 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Tgt Ion:106 Resp: 1266
Ion Ratio Lower Upper
106 100
91 196.8 106.0 318.0

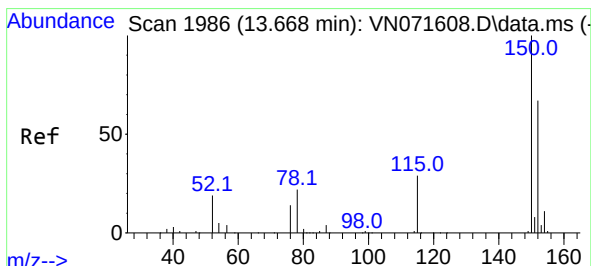
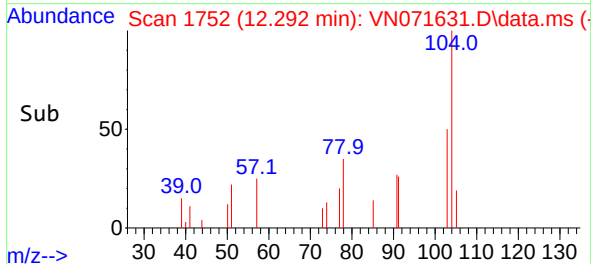
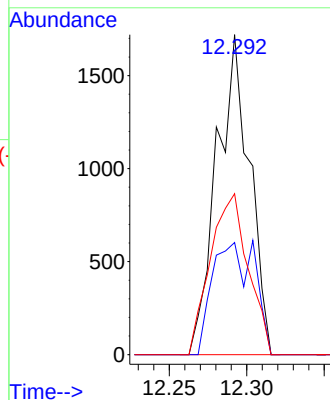
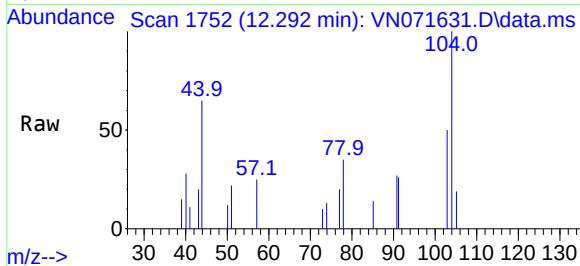




#70
Styrene
Concen: 0.111 ug/l
RT: 12.292 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

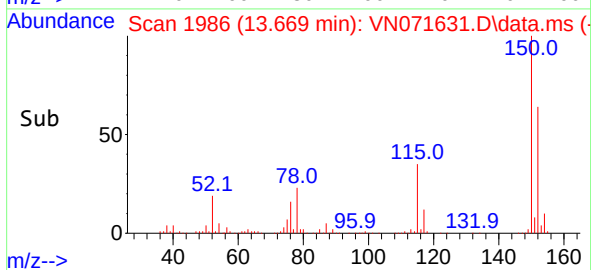
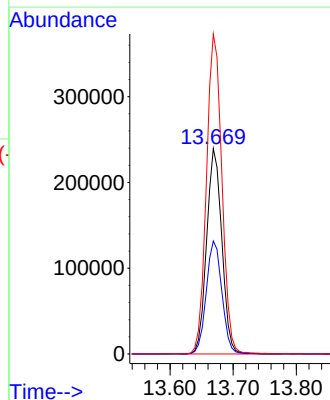
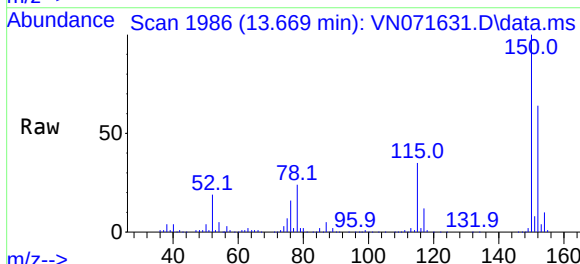
Instrument :
MSVOA_N
ClientSampleId :
PB143701TB

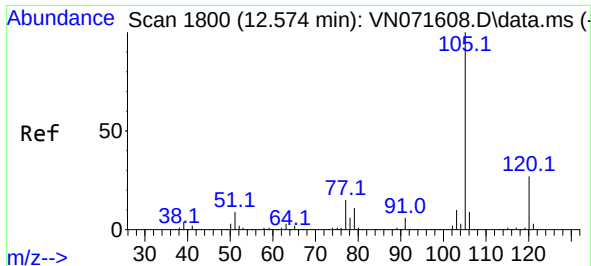
Tgt Ion:104 Resp: 2522
Ion Ratio Lower Upper
104 100
78 45.1 39.5 59.3
103 58.1 44.0 66.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Tgt Ion:152 Resp: 401146
Ion Ratio Lower Upper
152 100
115 56.5 28.9 86.7
150 157.8 0.0 356.2

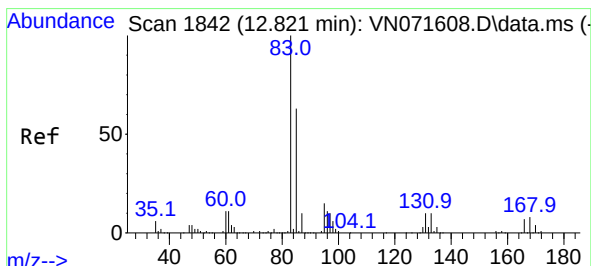
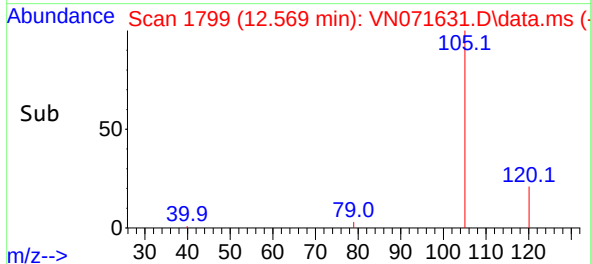
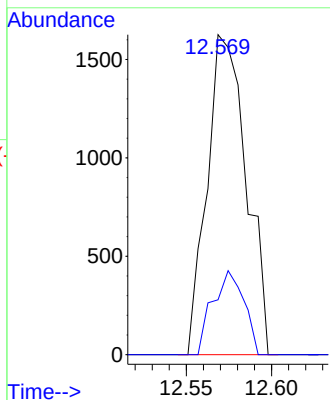
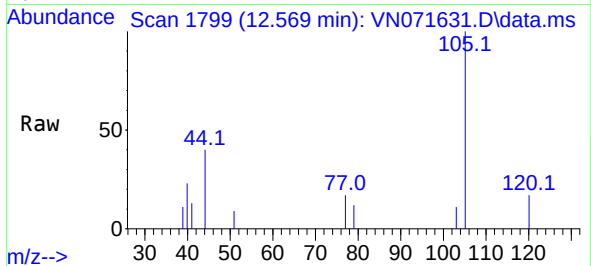




#73
Isopropylbenzene
Concen: 0.074 ug/l
RT: 12.569 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

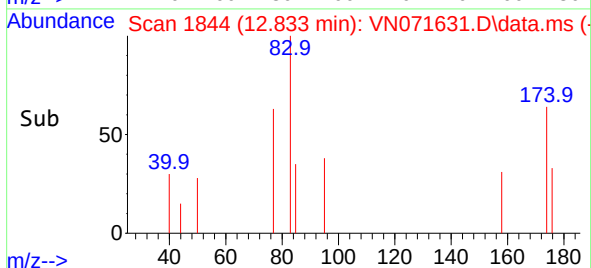
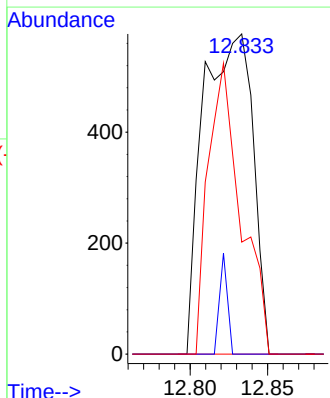
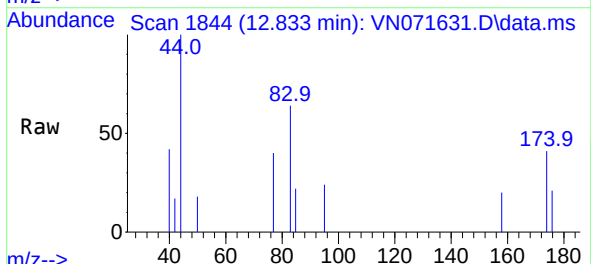
Instrument :
MSVOA_N
ClientSampleId :
PB143701TB

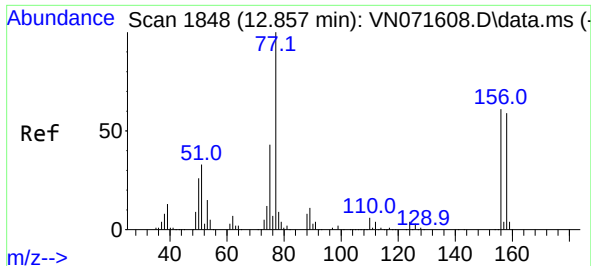
Tgt Ion:105 Resp: 2596
Ion Ratio Lower Upper
105 100
120 20.9 13.5 40.4



#75
1,1,2,2-Tetrachloroethane
Concen: 0.109 ug/l
RT: 12.833 min Scan# 1844
Delta R.T. 0.012 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Tgt Ion: 83 Resp: 1283
Ion Ratio Lower Upper
83 100
131 5.0 5.3 15.9#
85 60.0 32.3 96.9

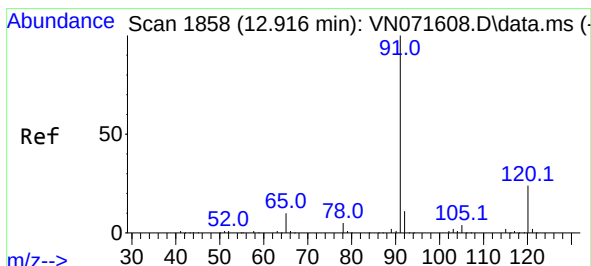
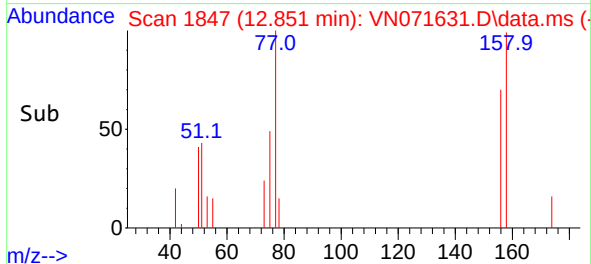
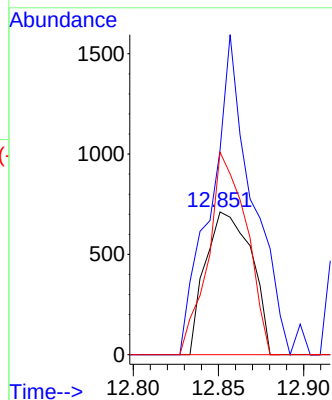
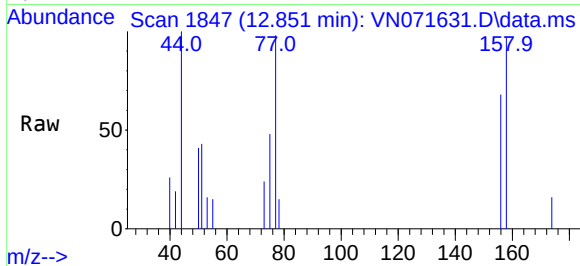




#77
Bromobenzene
Concen: 0.152 ug/l
RT: 12.851 min Scan# 1847
Delta R.T. -0.006 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

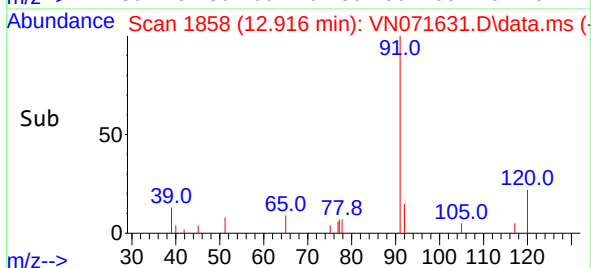
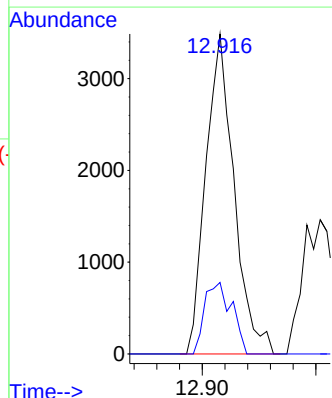
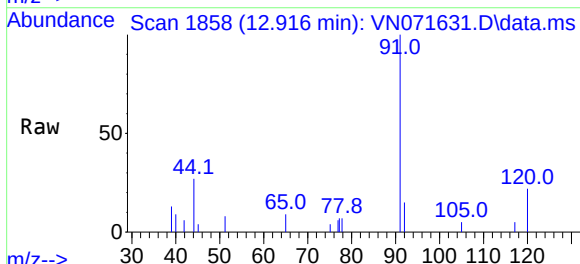
Instrument :
MSVOA_N
ClientSampleId :
PB143701TB

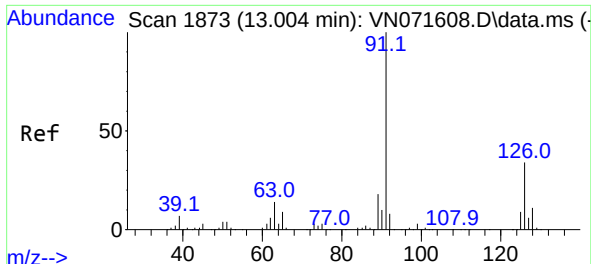
Tgt Ion:156 Resp: 1341
Ion Ratio Lower Upper
156 100
77 202.3 100.5 301.5
158 117.7 48.9 146.6



#78
n-propylbenzene
Concen: 0.159 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Tgt Ion: 91 Resp: 6008
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.5





#79

2-Chlorotoluene

Concen: 0.115 ug/l

RT: 13.004 min Scan# 1873

Delta R.T. 0.000 min

Lab File: VN071631.D

Acq: 29 Mar 2022 14:55

Instrument :

MSVOA_N

ClientSampleId :

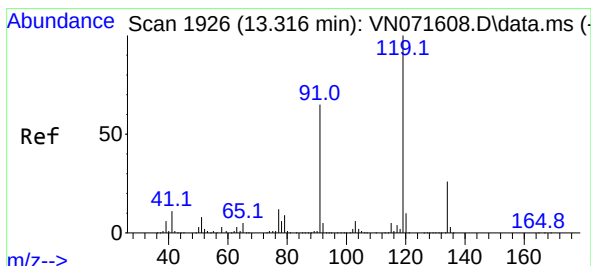
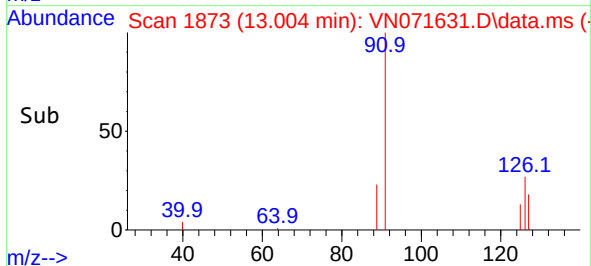
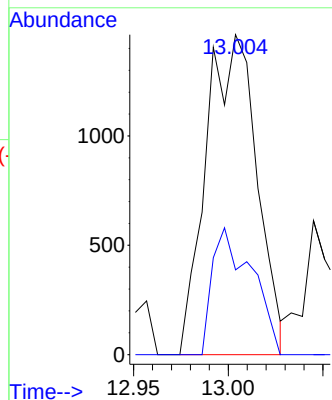
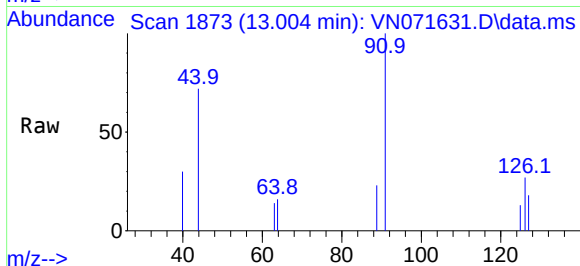
PB143701TB

Tgt Ion: 91 Resp: 2728

Ion Ratio Lower Upper

91 100

126 30.8 17.3 51.9



#83

tert-Butylbenzene

Concen: 0.086 ug/l

RT: 13.316 min Scan# 1926

Delta R.T. 0.000 min

Lab File: VN071631.D

Acq: 29 Mar 2022 14:55

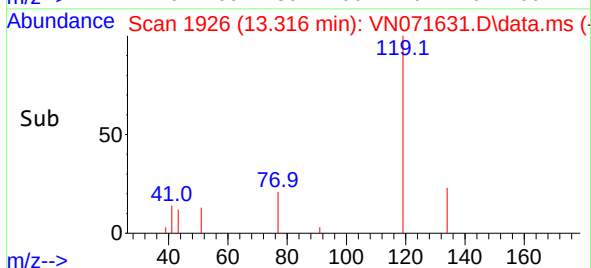
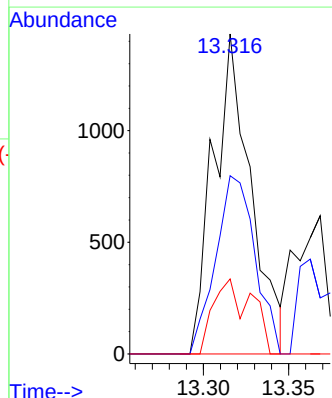
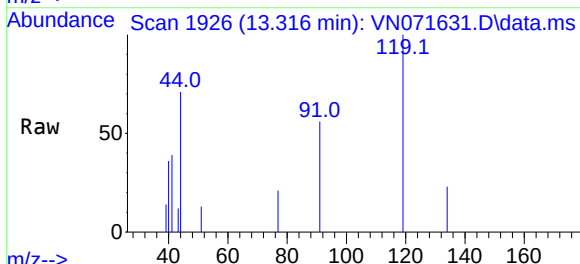
Tgt Ion: 119 Resp: 2190

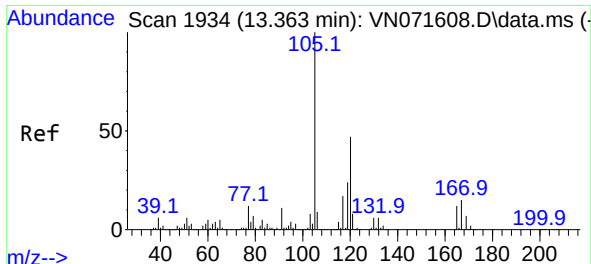
Ion Ratio Lower Upper

119 100

91 58.5 31.6 94.8

134 23.7 13.7 41.1

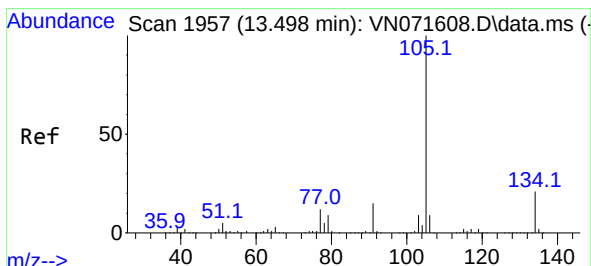
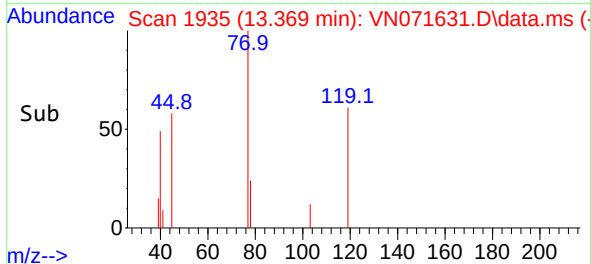
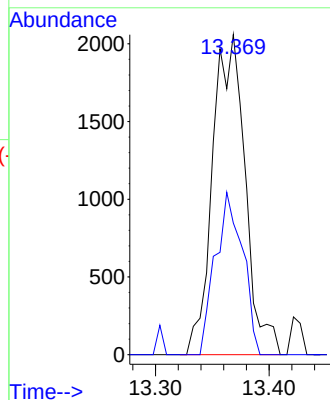
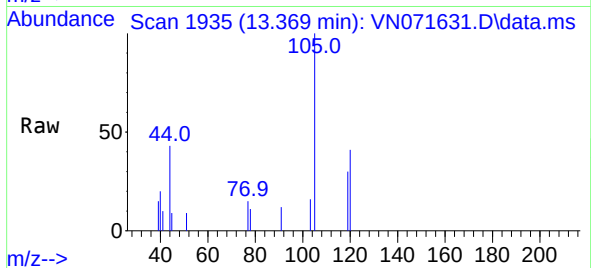




#84
1,2,4-Trimethylbenzene
Concen: 0.151 ug/l
RT: 13.369 min Scan# 1935
Delta R.T. 0.006 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

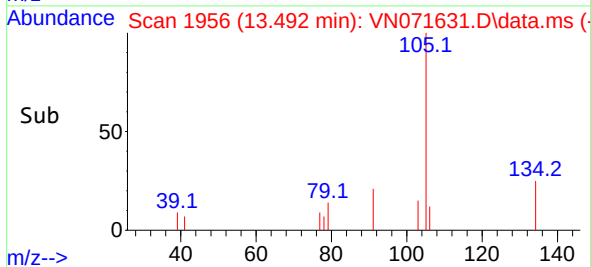
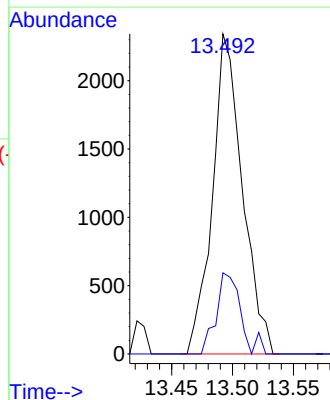
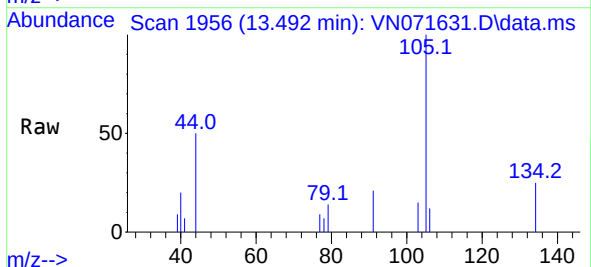
Instrument :
MSVOA_N
ClientSampleId :
PB143701TB

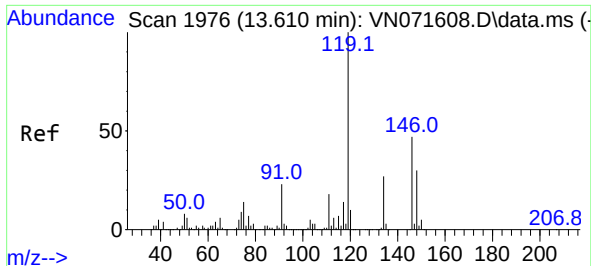
Tgt Ion:105 Resp: 4102
Ion Ratio Lower Upper
105 100
120 42.6 23.3 69.8



#85
sec-Butylbenzene
Concen: 0.119 ug/l
RT: 13.492 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Tgt Ion:105 Resp: 4008
Ion Ratio Lower Upper
105 100
134 20.6 10.4 31.1

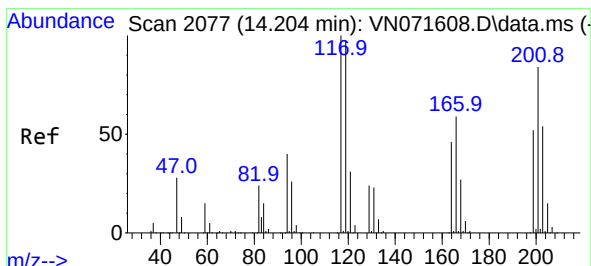
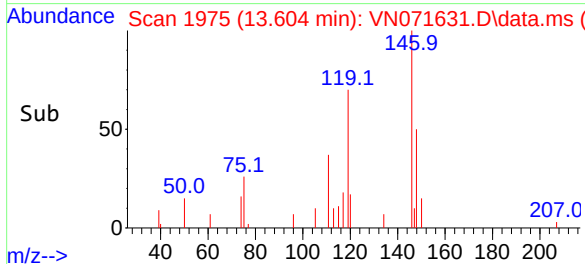
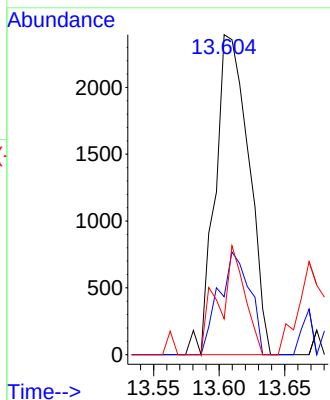
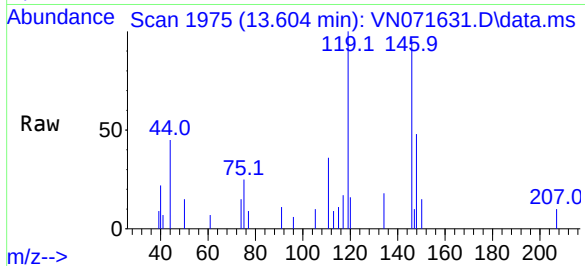




#86
p-Isopropyltoluene
Concen: 0.160 ug/l
RT: 13.604 min Scan# 1975
Delta R.T. -0.006 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

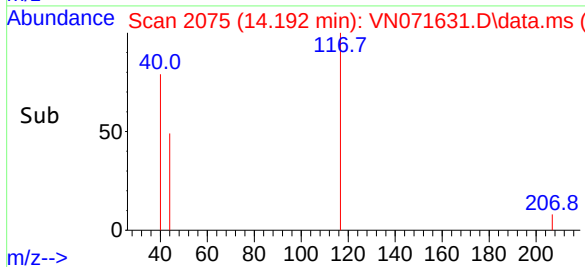
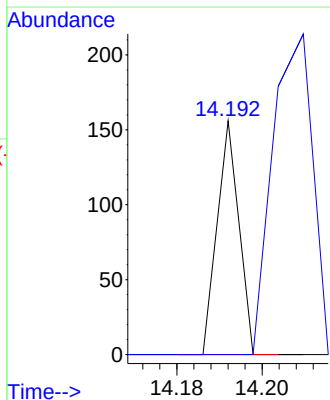
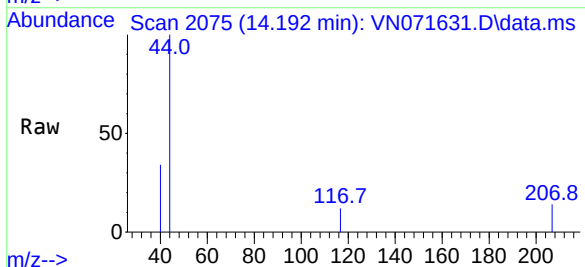
Instrument :
MSVOA_N
ClientSampleId :
PB143701TB

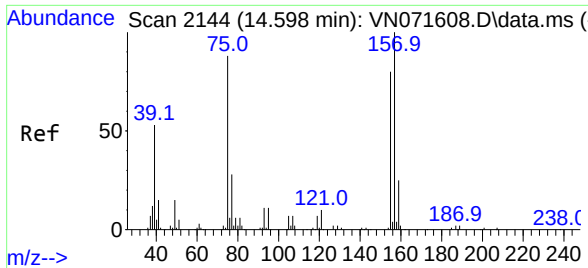
Tgt Ion:	119	Resp:	4269
Ion	Ratio	Lower	Upper
119	100		
134	29.2	13.3	39.8
91	26.3	11.3	33.9



#90
Hexachloroethane
Concen: 0.011 ug/l
RT: 14.192 min Scan# 2075
Delta R.T. -0.012 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Tgt Ion:	117	Resp:	55
Ion	Ratio	Lower	Upper
117	100		
201	252.7	40.6	122.0#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.178 ug/l
RT: 14.604 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071631.D
Acq: 29 Mar 2022 14:55

Instrument :
MSVOA_N
ClientSampleId :
PB143701TB

Tgt Ion: 75 Resp: 362
Ion Ratio Lower Upper
75 100
155 162.2 44.9 134.5#
157 118.5 59.0 176.8

