

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032922\
 Data File : VN071633.D
 Acq On : 29 Mar 2022 15:43
 Operator : JC\MD
 Sample : PB143701ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143701ZHE#02

Quant Time: Mar 30 06:05:08 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	770909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1304142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1313762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	511673	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	441725	47.788	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.580%
35) Dibromofluoromethane	8.022	113	370955	46.315	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.620%
50) Toluene-d8	10.439	98	1636499	49.534	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.060%
62) 4-Bromofluorobenzene	12.727	95	565831	52.500	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.000%

Target Compounds				Qvalue		
4) Vinyl Chloride	2.440	62	56	0.006	ug/l #	1
5) Bromomethane	2.816	94	55	0.009	ug/l #	2
8) Diethyl Ether	3.810	74	56	0.011	ug/l #	7
10) Methyl Iodide	4.434	142	1364	0.129	ug/l #	61
11) Tert butyl alcohol	5.345	59	66	0.040	ug/l #	72
12) 1,1-Dichloroethene	4.181	96	59	0.009	ug/l #	1
14) Allyl chloride	4.845	41	113	0.010	ug/l #	24
15) Acrylonitrile	5.551	53	67	0.015	ug/l #	17
16) Acetone	4.293	43	21638	5.679	ug/l	93
17) Carbon Disulfide	4.540	76	1420	0.082	ug/l #	75
20) Methylene Chloride	5.093	84	59097	7.017	ug/l	96
23) Vinyl Acetate	6.439	43	55	0.003	ug/l #	68
32) 1,1,1-Trichloroethane	8.092	97	54	0.004	ug/l #	1
37) Ethyl Acetate	7.439	43	334	0.027	ug/l #	67
40) Benzene	8.457	78	112	0.003	ug/l #	1
41) Methacrylonitrile	7.692	41	624	0.102	ug/l #	24
42) 1,2-Dichloroethane	8.522	62	1687	0.138	ug/l #	74
43) Isopropyl Acetate	8.557	43	146743	7.310	ug/l #	74
44) Trichloroethene	9.216	130	70	0.008	ug/l	3
52) Toluene	10.510	92	2752	0.121	ug/l	90
53) t-1,3-Dichloropropene	10.710	75	192	0.015	ug/l #	1
56) Ethyl methacrylate	10.869	69	901	0.066	ug/l #	1
60) Dibromochloromethane	11.486	129	733	0.080	ug/l #	11
65) Chlorobenzene	11.763	112	658	0.024	ug/l #	34
67) Ethyl Benzene	11.839	91	1204	0.025	ug/l #	44
68) m/p-Xylenes	11.945	106	810	0.045	ug/l	85
69) o-Xylene	12.269	106	241	0.013	ug/l #	31
70) Styrene	12.286	104	729	0.026	ug/l #	81
73) Isopropylbenzene	12.574	105	590	0.013	ug/l #	48
74) N-amyl acetate	12.363	43	2138	0.157	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	12.810	83	115	0.008	ug/l #	59
77) Bromobenzene	12.857	156	277	0.025	ug/l	81
78) n-propylbenzene	12.921	91	1538	0.032	ug/l	87
79) 2-Chlorotoluene	13.098	91	1308	0.043	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	4398	0.124	ug/l	88
82) 4-Chlorotoluene	13.098	91	1308	0.046	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Mar 29 09:32:37 2022
Response via : Initial Calibration

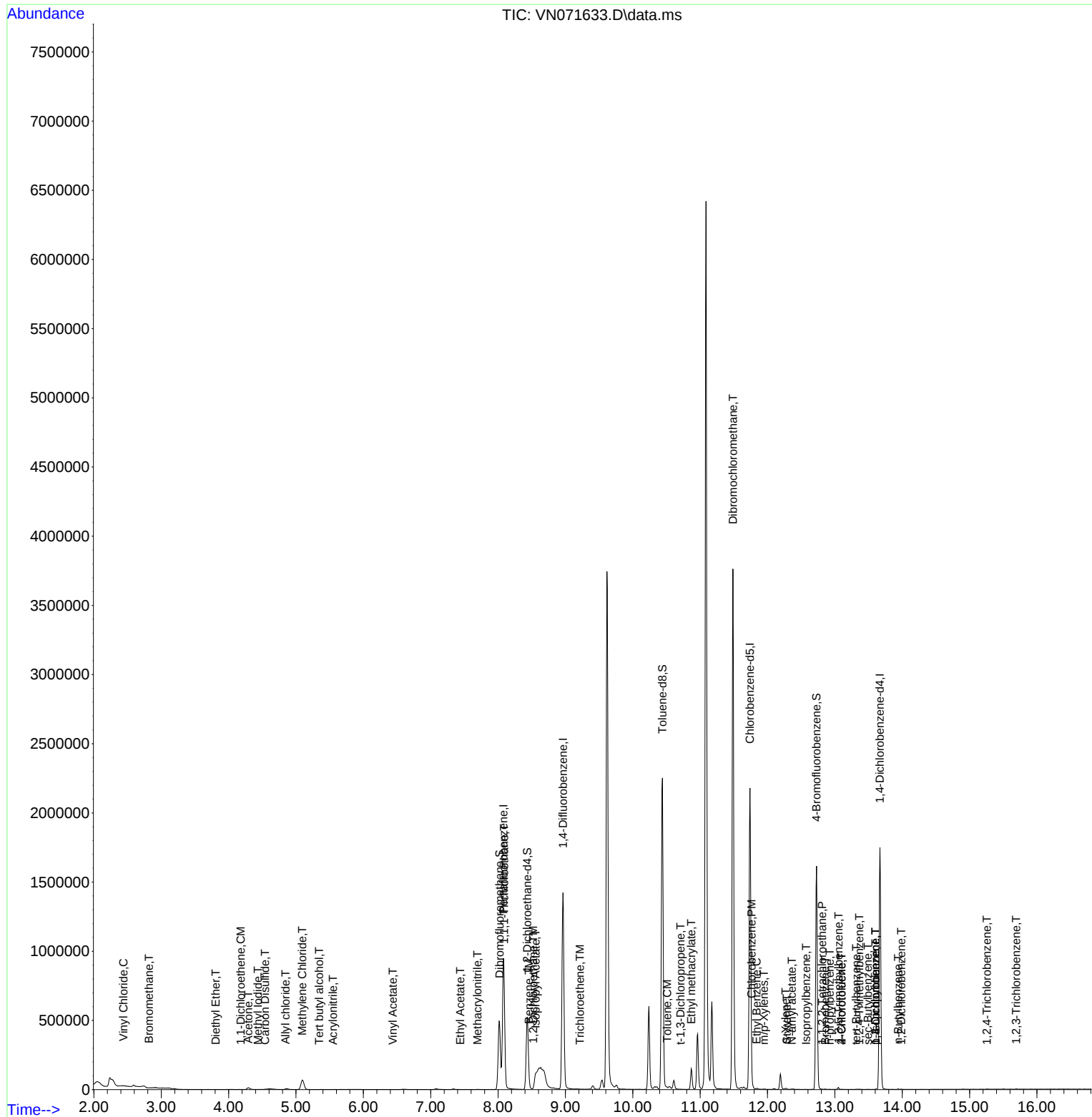
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.315	119	333	0.010	ug/l #	43
84) 1,2,4-Trimethylbenzene	13.363	105	1175	0.034	ug/l	74
85) sec-Butylbenzene	13.492	105	890	0.021	ug/l #	56
86) p-Isopropyltoluene	13.604	119	476	0.014	ug/l	86
87) 1,3-Dichlorobenzene	13.604	146	1004	0.055	ug/l	90
88) 1,4-Dichlorobenzene	13.604	146	1004	0.056	ug/l	92
89) n-Butylbenzene	13.939	91	2024	0.079	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	688	0.039	ug/l #	63
93) 1,2,4-Trichlorobenzene	15.257	180	1046	0.133	ug/l	88
96) 1,2,3-Trichlorobenzene	15.692	180	1117	0.142	ug/l	78

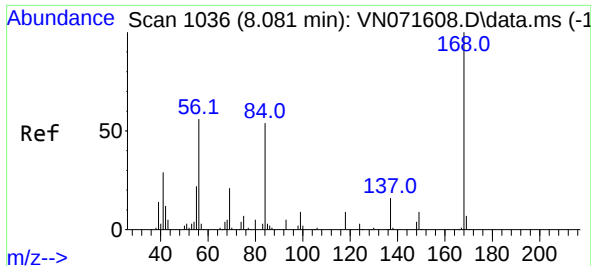
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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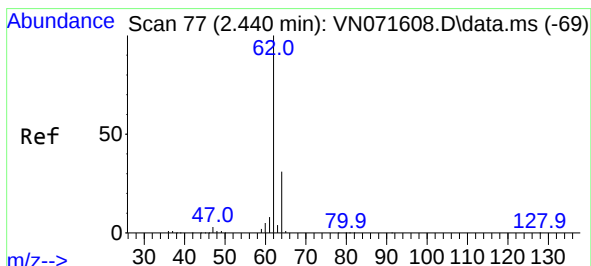
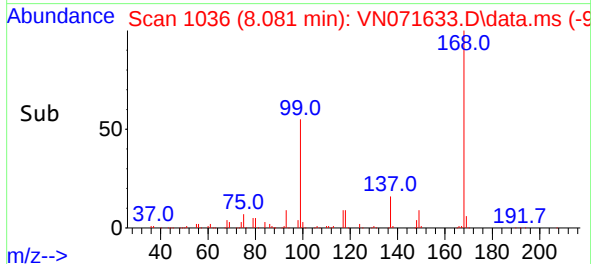
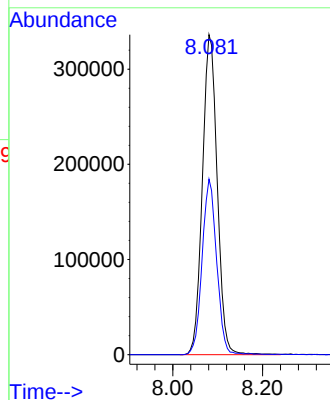
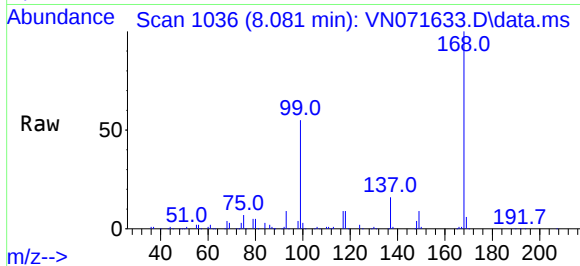




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
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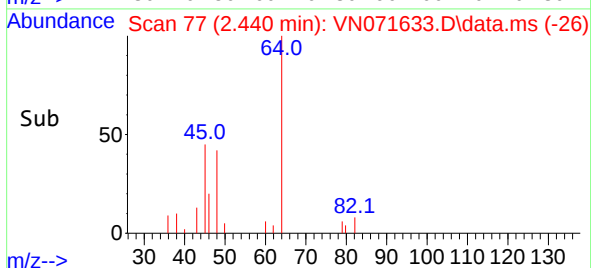
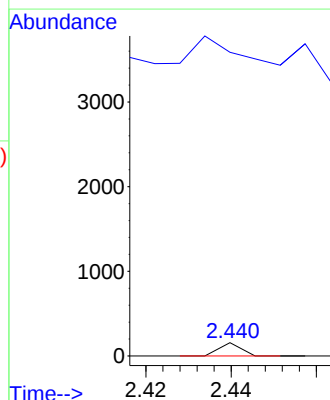
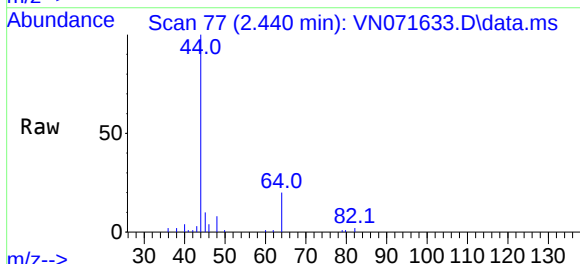
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#02

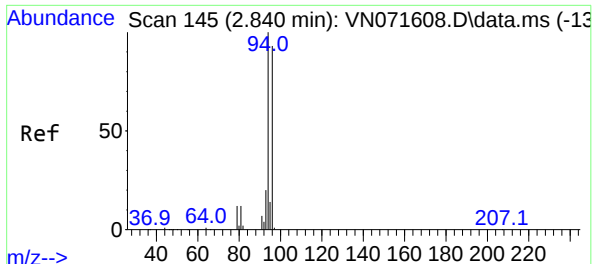
Tgt Ion:168 Resp: 770909
Ion Ratio Lower Upper
168 100
99 54.9 42.3 63.5



#4
Vinyl Chloride
Concen: 0.006 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

Tgt Ion: 62 Resp: 56
Ion Ratio Lower Upper
62 100
64 96.2 25.0 37.4#

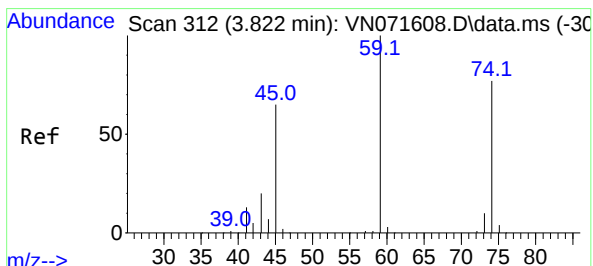
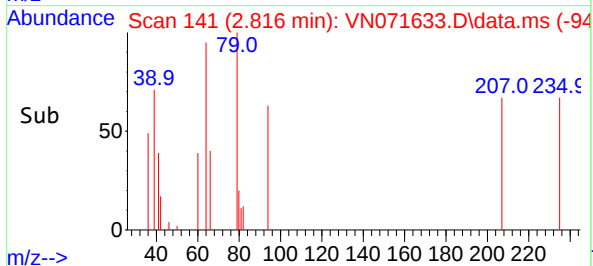
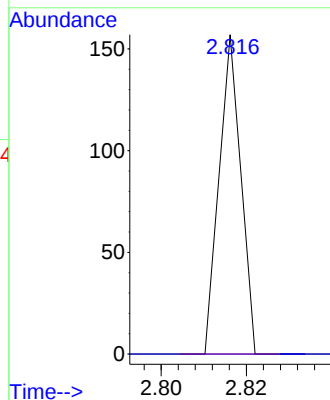
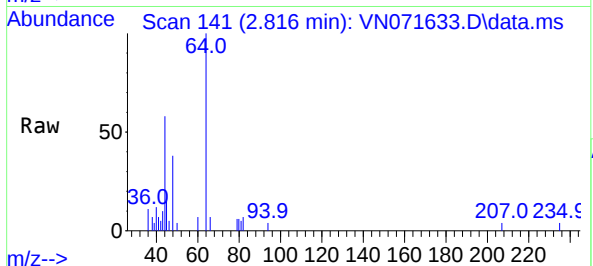




#5
Bromomethane
Concen: 0.009 ug/l
RT: 2.816 min Scan# 145
Delta R.T. -0.024 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

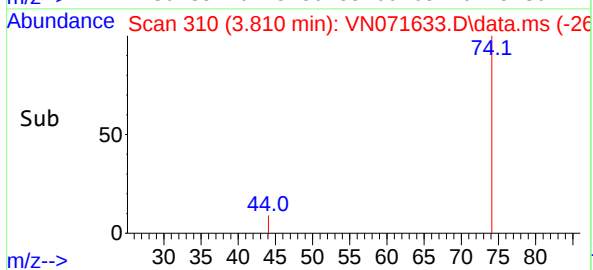
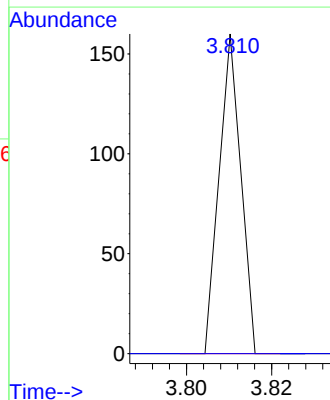
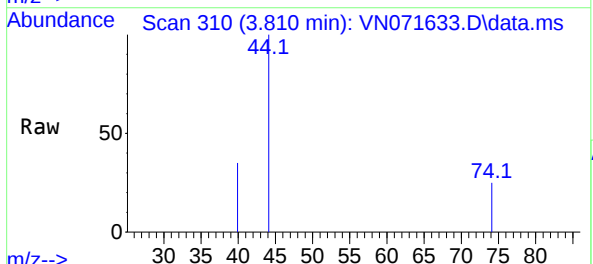
Instrument :
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PB143701ZHE#02

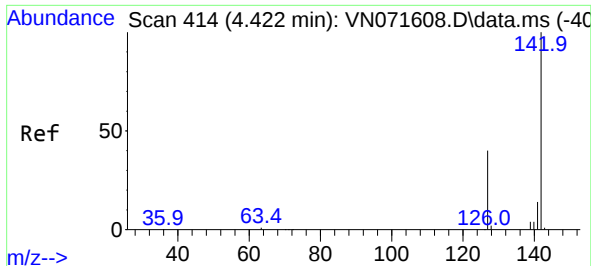
Tgt Ion: 94 Resp: 55
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#8
Diethyl Ether
Concen: 0.011 ug/l
RT: 3.810 min Scan# 310
Delta R.T. -0.012 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

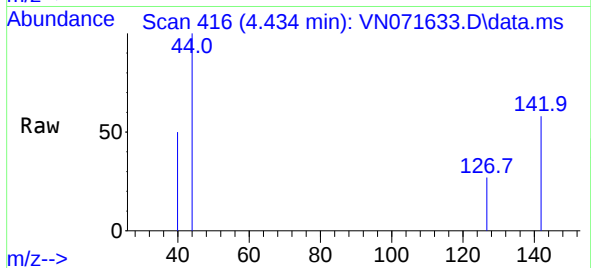
Tgt Ion: 74 Resp: 56
Ion Ratio Lower Upper
74 100
45 0.0 42.9 128.5#



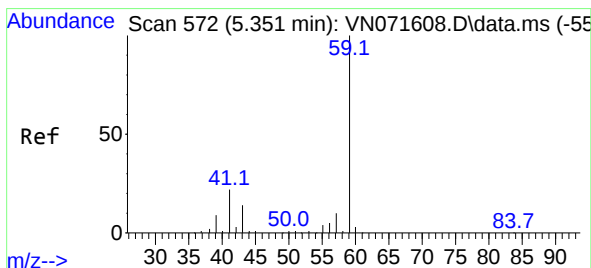
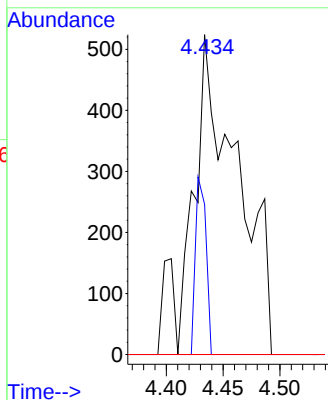
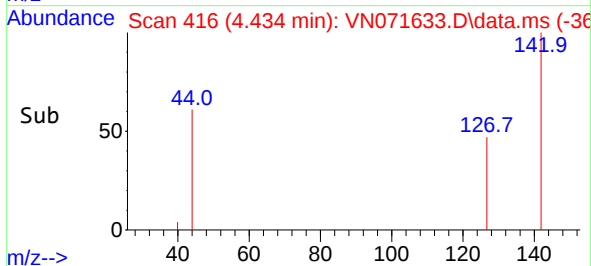


#10
Methyl Iodide
Concen: 0.129 ug/l
RT: 4.434 min Scan# 414
Delta R.T. 0.012 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

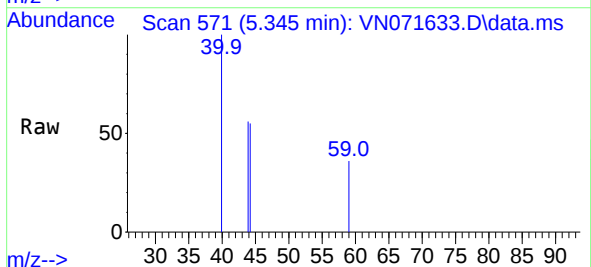
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#02



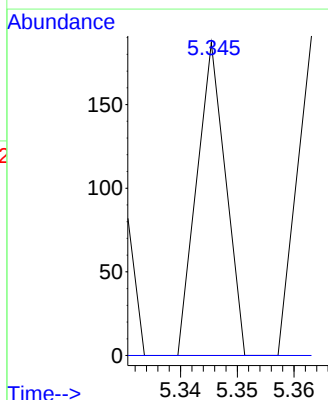
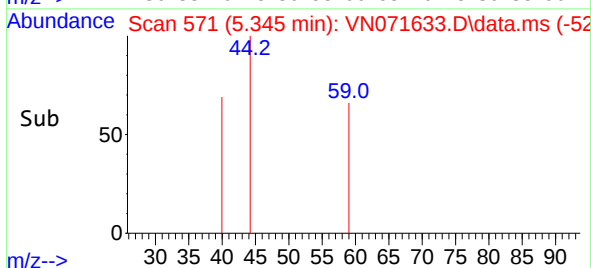
Tgt Ion:142 Resp: 1364
Ion Ratio Lower Upper
142 100
127 13.9 31.3 46.9#
141 0.0 11.2 16.8#

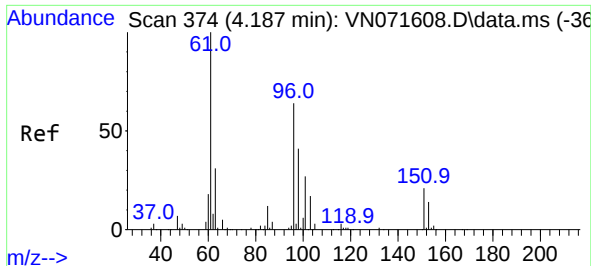


#11
Tert butyl alcohol
Concen: 0.040 ug/l
RT: 5.345 min Scan# 571
Delta R.T. -0.006 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43



Tgt Ion: 59 Resp: 66
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

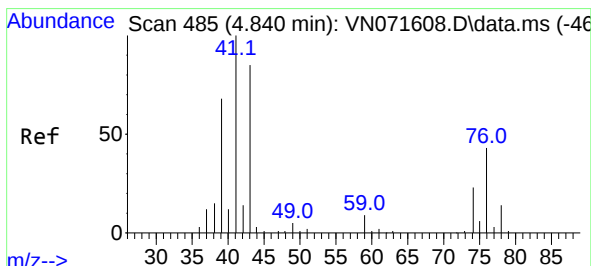
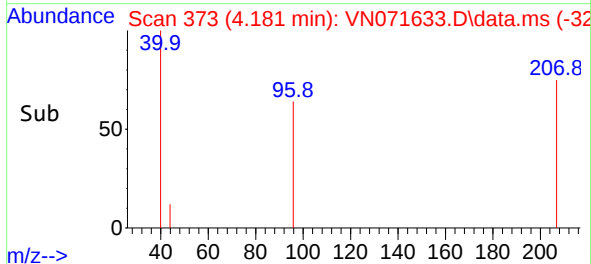
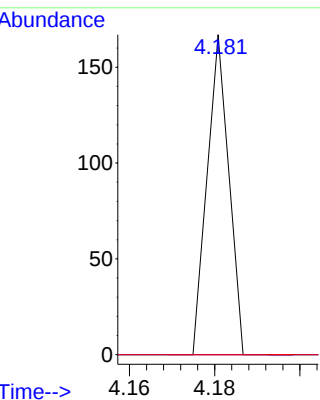
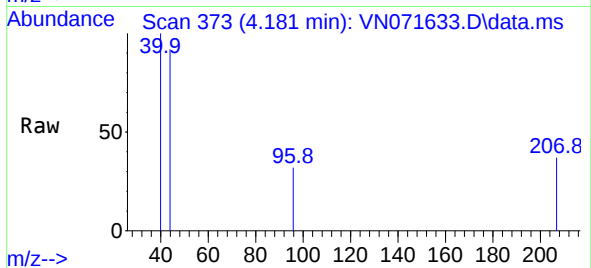




#12
1,1-Dichloroethene
Concen: 0.009 ug/l
RT: 4.181 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

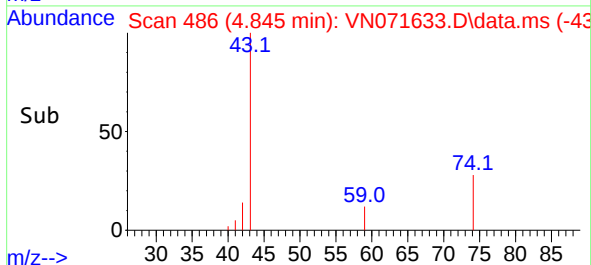
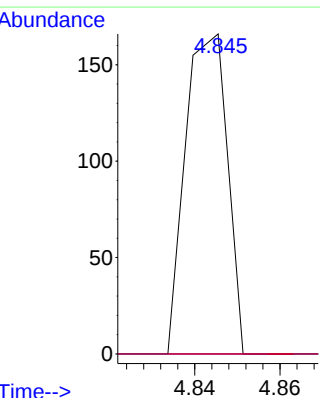
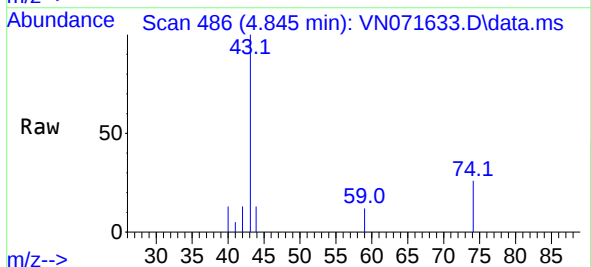
Instrument :
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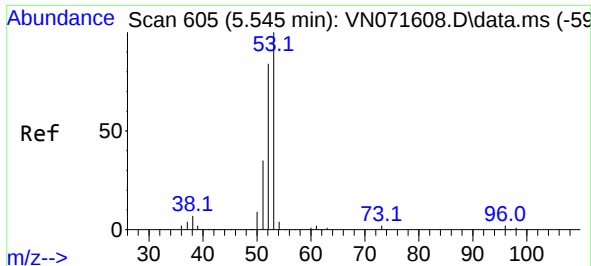
Tgt Ion: 96 Resp: 59
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#



#14
Allyl chloride
Concen: 0.010 ug/l
RT: 4.845 min Scan# 486
Delta R.T. 0.006 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

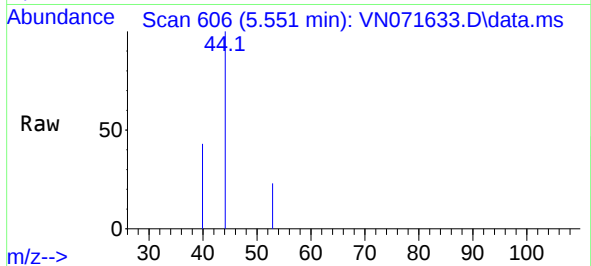
Tgt Ion: 41 Resp: 113
Ion Ratio Lower Upper
41 100
39 0.0 53.2 79.8#
76 0.0 29.9 44.9#



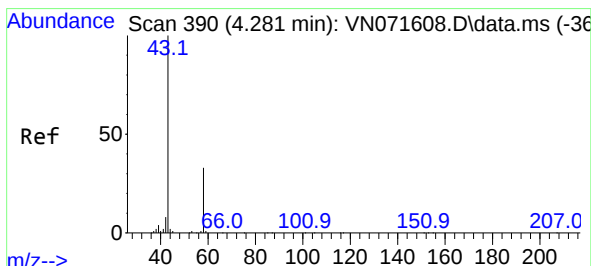
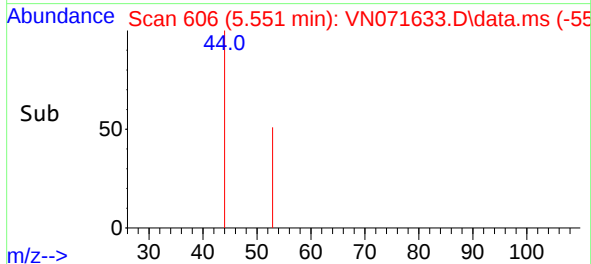
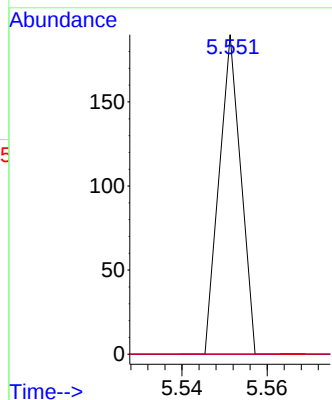


#15
Acrylonitrile
Concen: 0.015 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#02

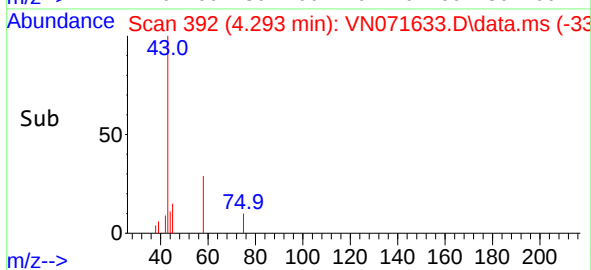
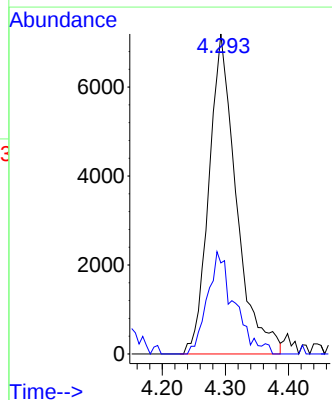
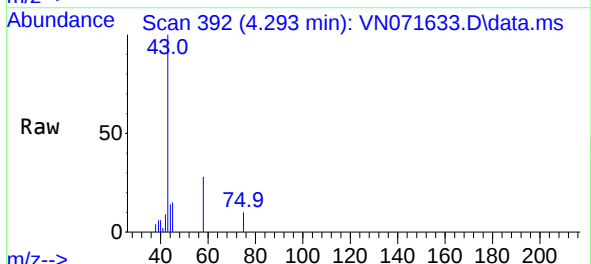


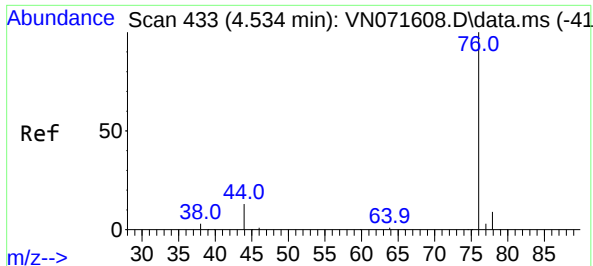
Tgt Ion: 53 Resp: 67
Ion Ratio Lower Upper
53 100
52 0.0 66.4 99.6#
51 0.0 28.5 42.7#



#16
Acetone
Concen: 5.679 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

Tgt Ion: 43 Resp: 21638
Ion Ratio Lower Upper
43 100
58 28.5 26.0 39.0

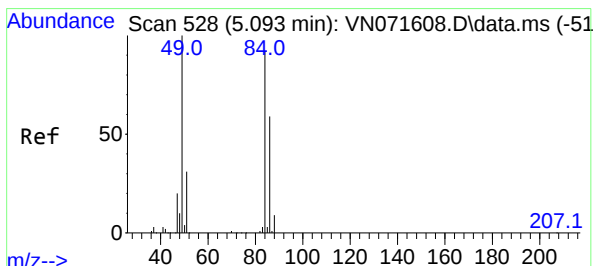
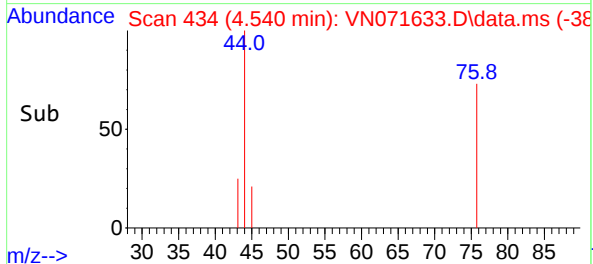
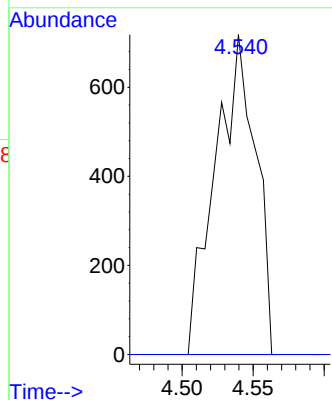
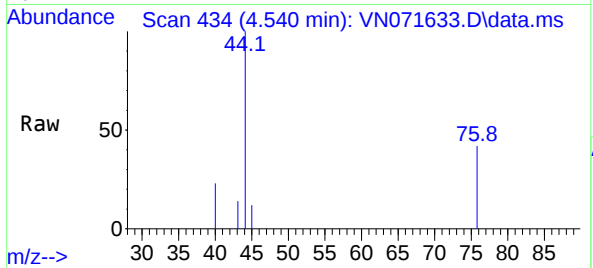




#17
Carbon Disulfide
Concen: 0.082 ug/l
RT: 4.540 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

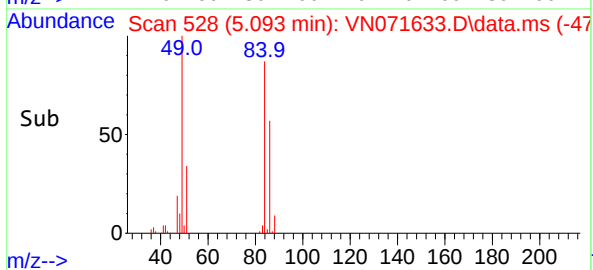
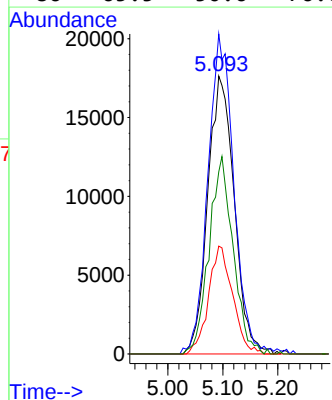
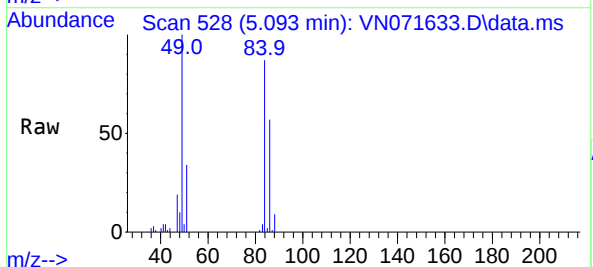
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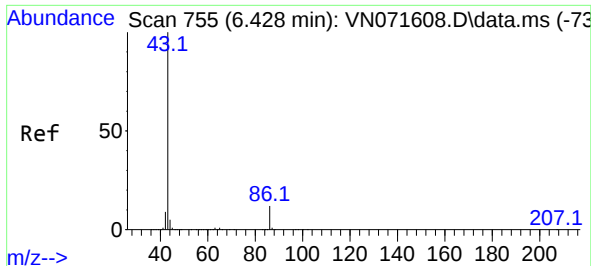
Tgt Ion: 76 Resp: 1420
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 7.017 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

Tgt Ion: 84 Resp: 59097
Ion Ratio Lower Upper
84 100
49 115.2 88.3 132.5
51 38.8 28.2 42.2
86 65.5 50.6 76.0

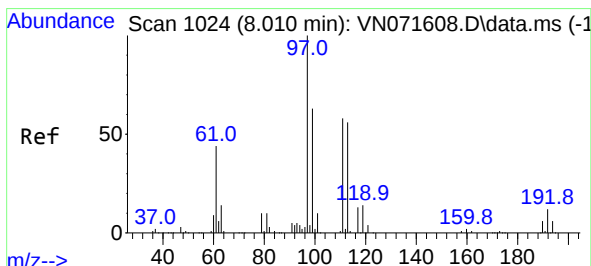
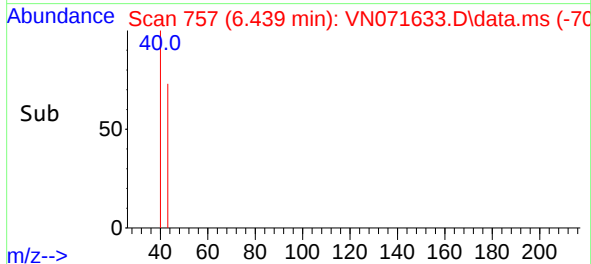
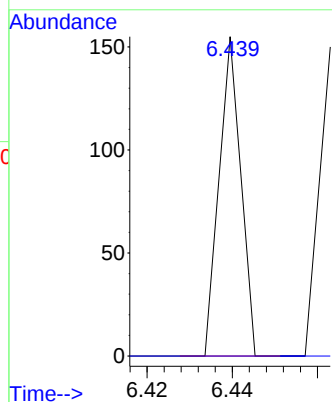
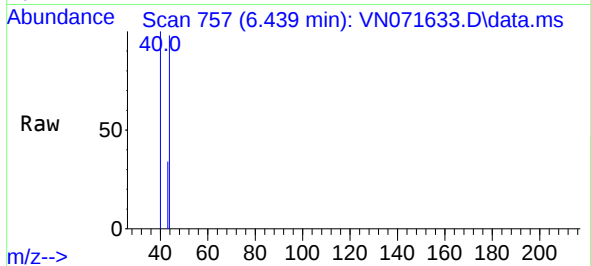




#23
 Vinyl Acetate
 Concen: 0.003 ug/l
 RT: 6.439 min Scan# 71
 Delta R.T. 0.012 min
 Lab File: VN071633.D
 Acq: 29 Mar 2022 15:43

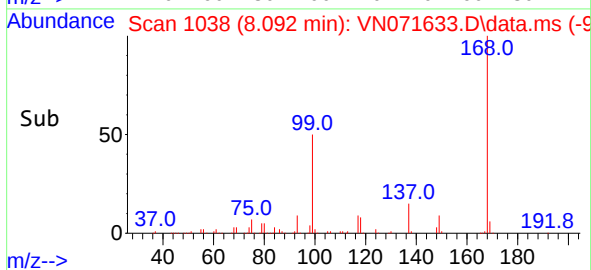
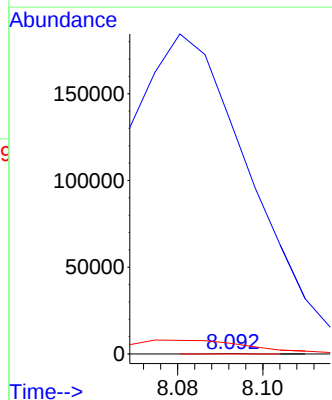
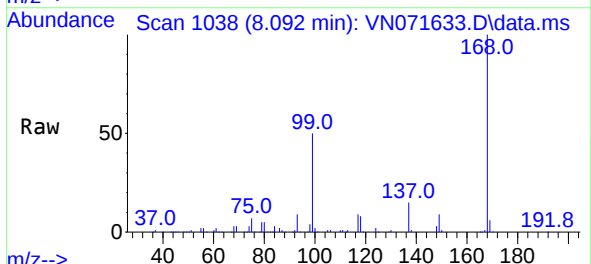
Instrument :
 MSVOA_N
 ClientSampleId :
 PB143701ZHE#02

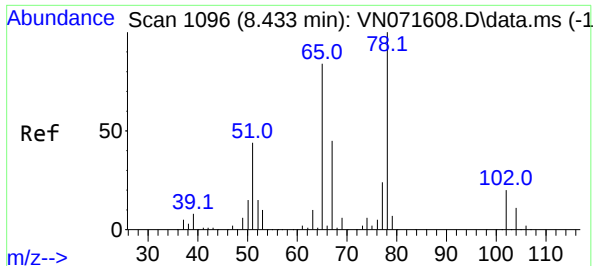
Tgt Ion: 43 Resp: 55
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#32
 1,1,1-Trichloroethane
 Concen: 0.004 ug/l
 RT: 8.092 min Scan# 1038
 Delta R.T. 0.082 min
 Lab File: VN071633.D
 Acq: 29 Mar 2022 15:43

Tgt Ion: 97 Resp: 54
 Ion Ratio Lower Upper
 97 100
 99 767783.3 50.6 76.0#
 61 34042.6 36.0 54.0#

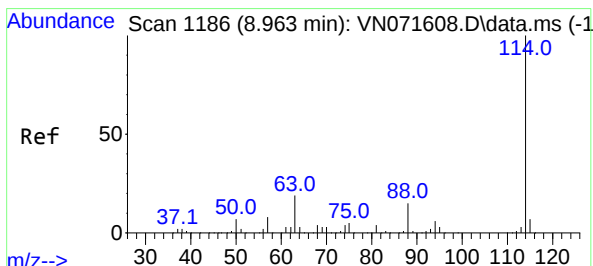
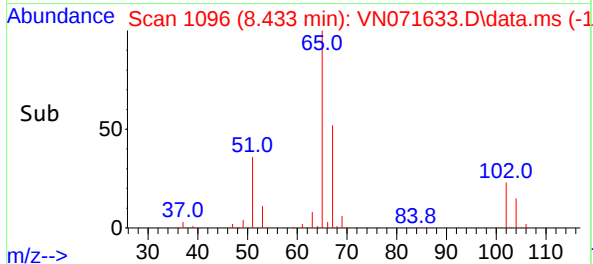
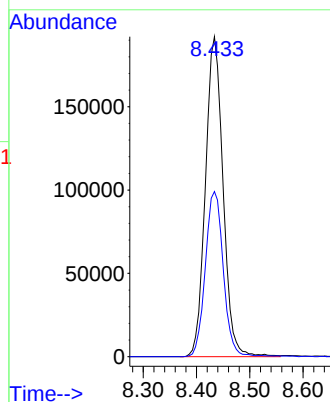
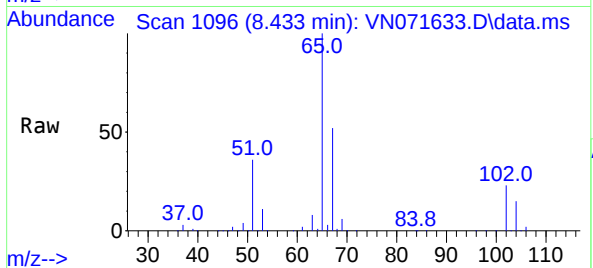




#33
1,2-Dichloroethane-d4
Concen: 47.788 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

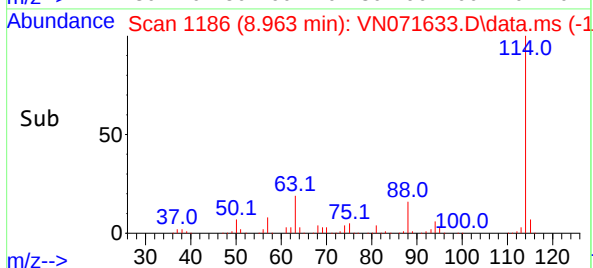
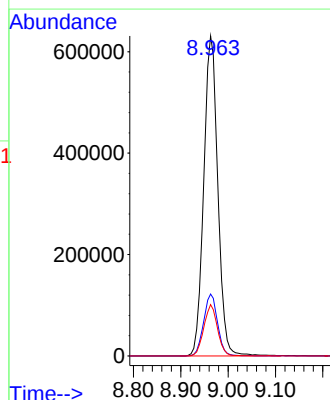
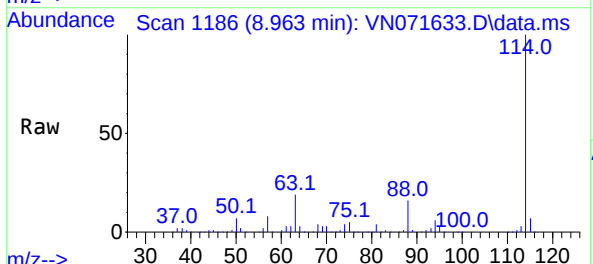
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#02

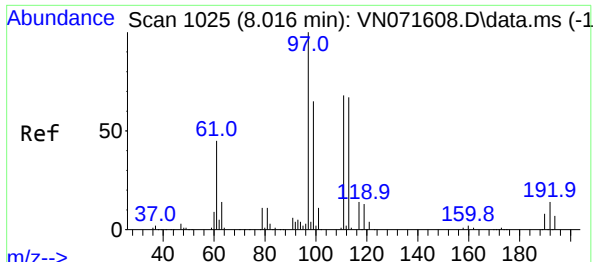
Tgt Ion: 65 Resp: 441725
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

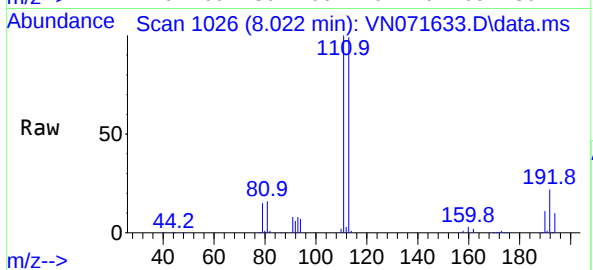
Tgt Ion:114 Resp: 1304142
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.0
88 16.1 0.0 32.6



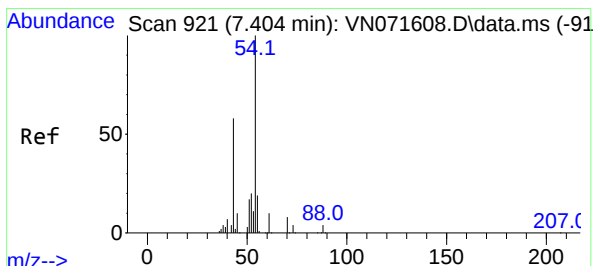
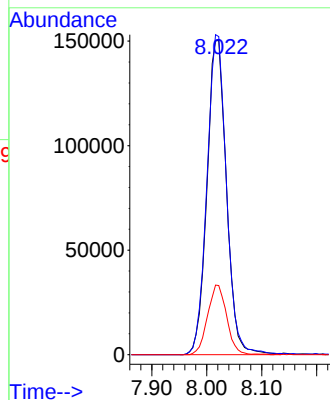
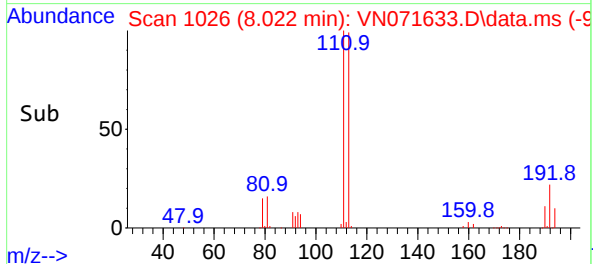


#35
Dibromofluoromethane
Concen: 46.315 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

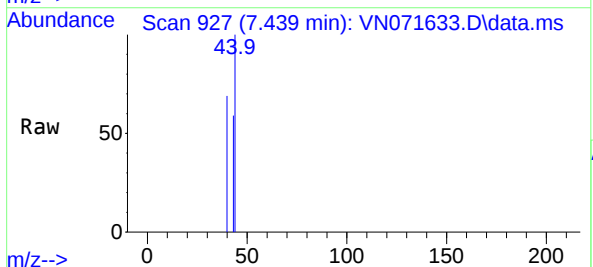
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#02



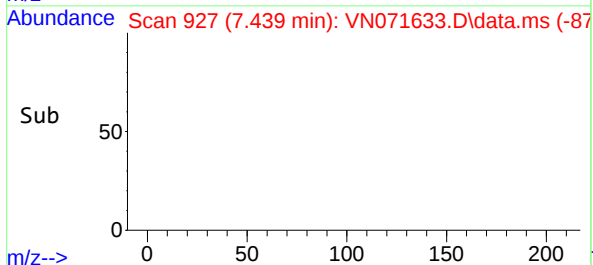
Tgt Ion:113 Resp: 370955
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 21.6 17.0 25.6

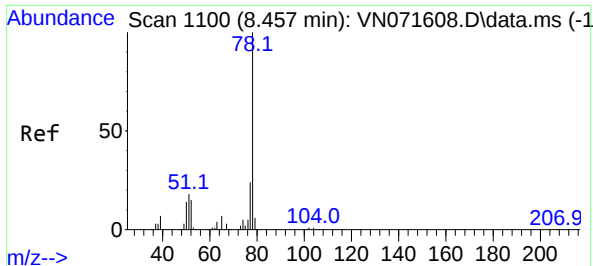


#37
Ethyl Acetate
Concen: 0.027 ug/l
RT: 7.439 min Scan# 927
Delta R.T. 0.035 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43



Tgt Ion: 43 Resp: 334
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#

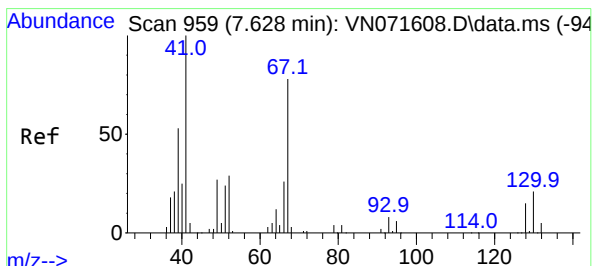
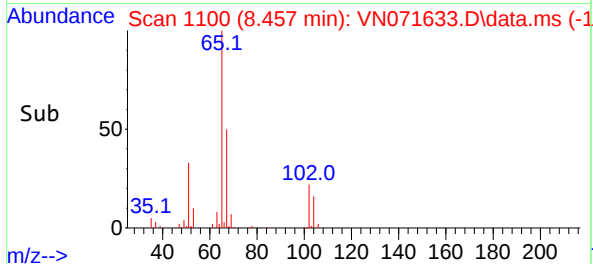
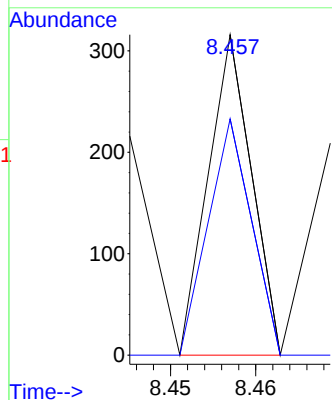
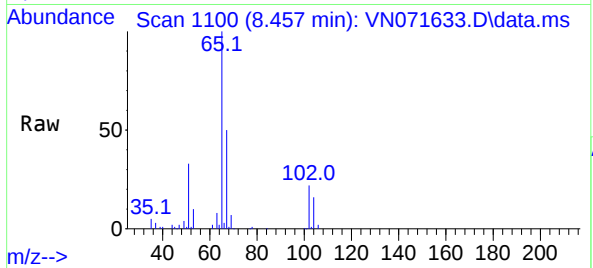




#40
Benzene
Concen: 0.003 ug/l
RT: 8.457 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

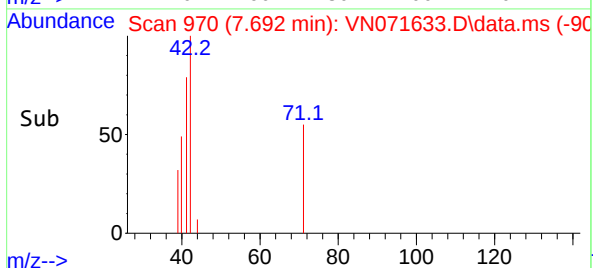
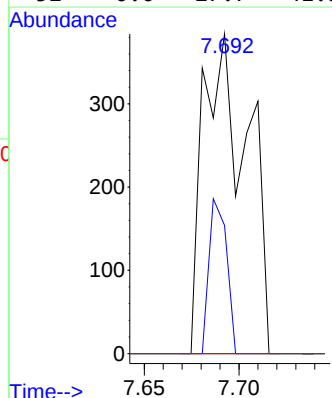
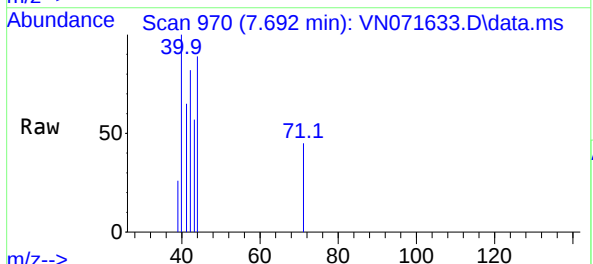
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#02

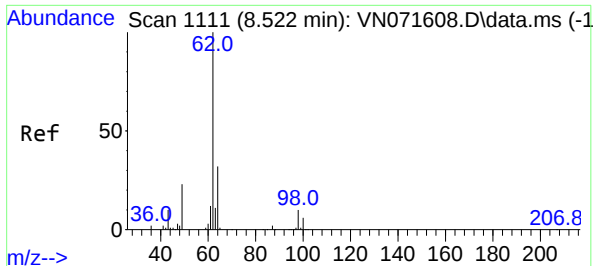
Tgt Ion: 78 Resp: 112
Ion Ratio Lower Upper
78 100
77 73.7 19.4 29.0#



#41
Methacrylonitrile
Concen: 0.102 ug/l
RT: 7.692 min Scan# 970
Delta R.T. 0.065 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

Tgt Ion: 41 Resp: 624
Ion Ratio Lower Upper
41 100
39 19.2 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#

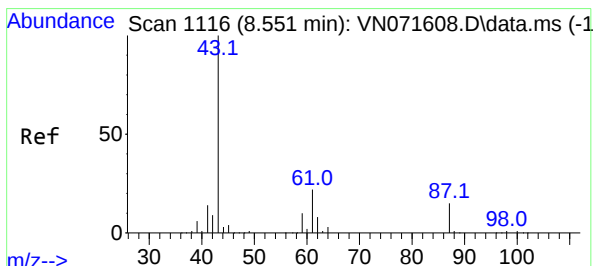
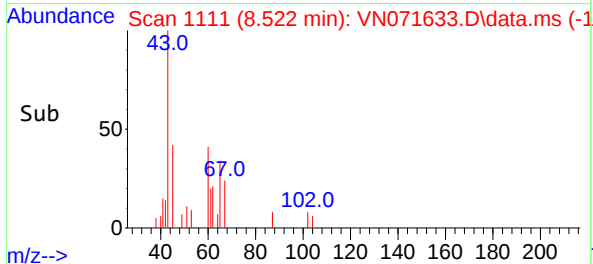
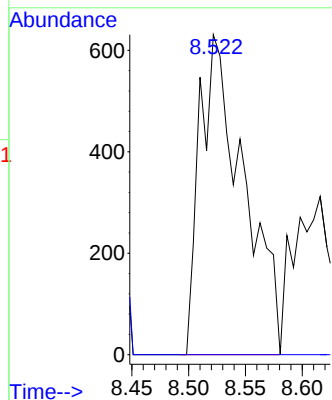
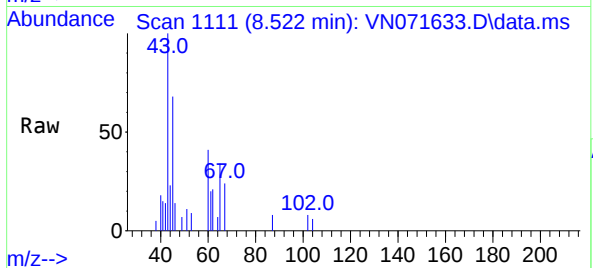




#42
1,2-Dichloroethane
Concen: 0.138 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

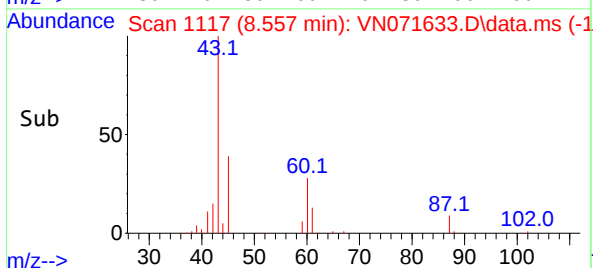
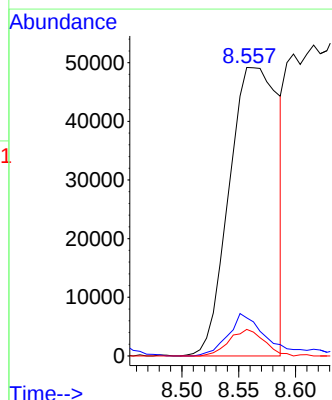
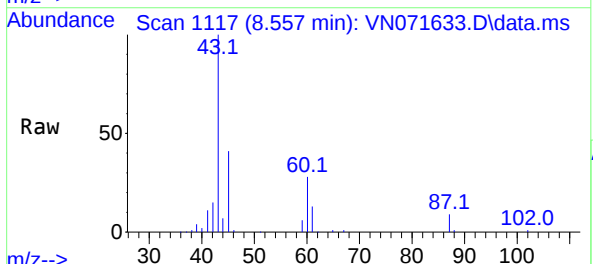
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#02

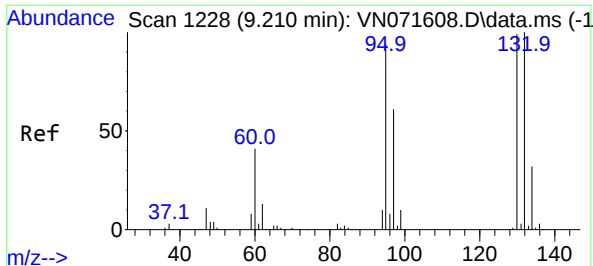
Tgt Ion: 62 Resp: 1687
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4



#43
Isopropyl Acetate
Concen: 7.310 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

Tgt Ion: 43 Resp: 146743
Ion Ratio Lower Upper
43 100
61 12.0 21.9 32.9#
87 6.7 12.0 18.0#

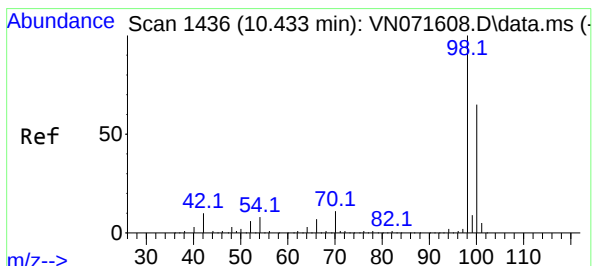
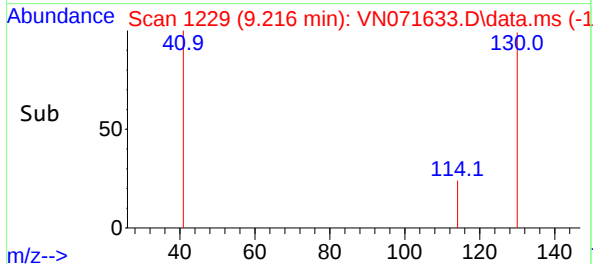
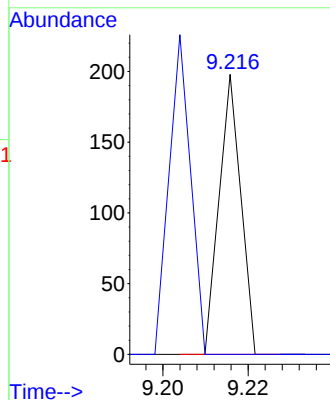
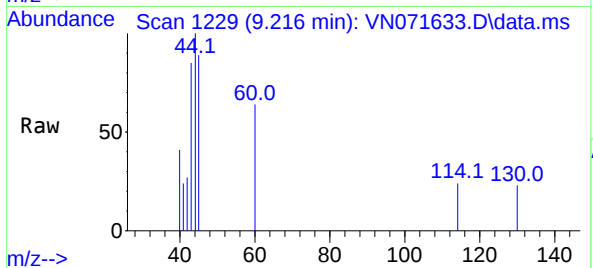




#44
Trichloroethene
Concen: 0.008 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

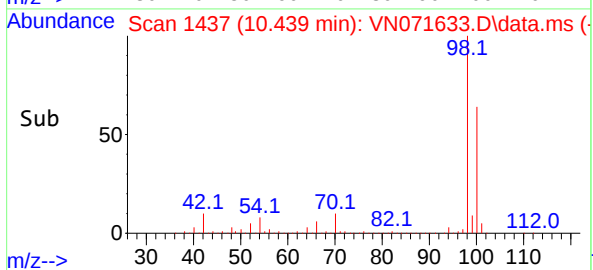
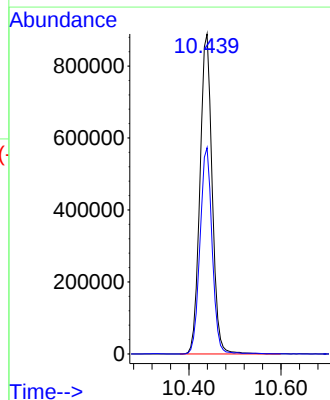
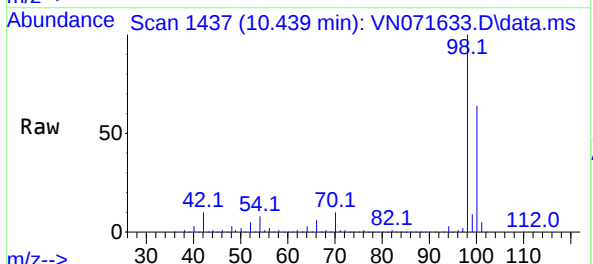
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#02

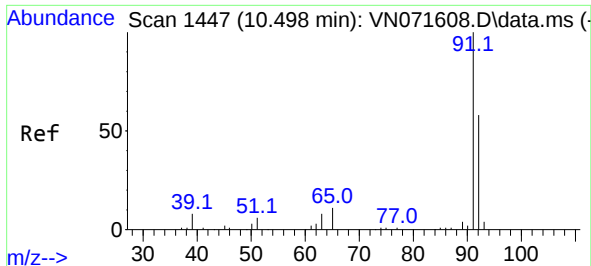
Tgt Ion:130 Resp: 70
Ion Ratio Lower Upper
130 100
95 0.0 0.0 186.8



#50
Toluene-d8
Concen: 49.534 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

Tgt Ion: 98 Resp: 1636499
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8

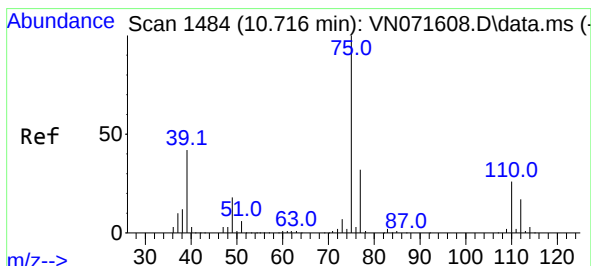
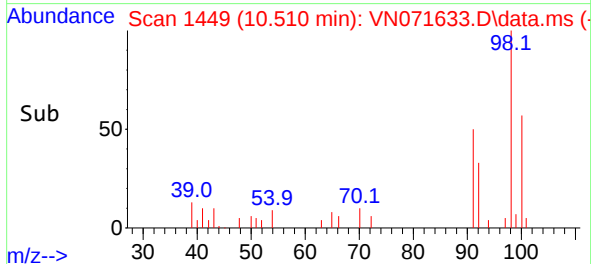
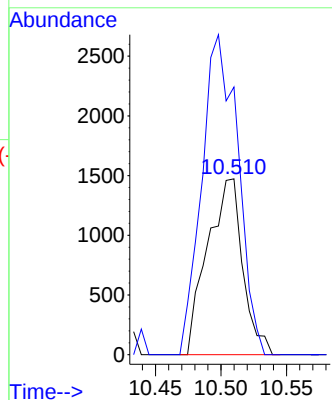
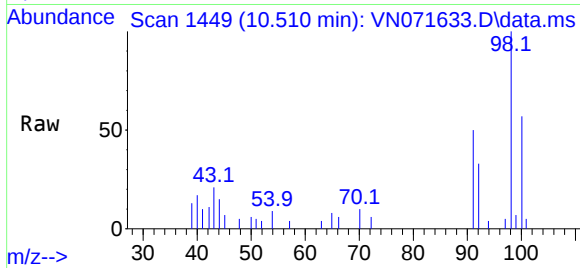




#52
Toluene
Concen: 0.121 ug/l
RT: 10.510 min Scan# 1449
Delta R.T. 0.012 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

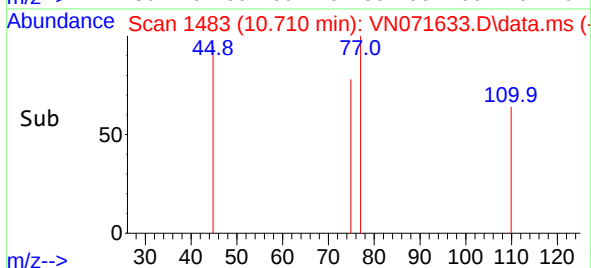
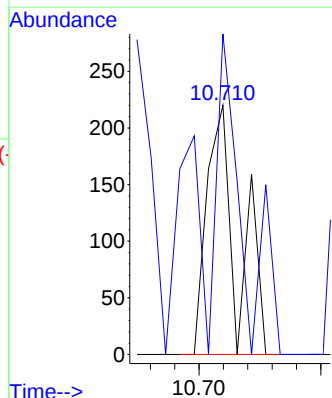
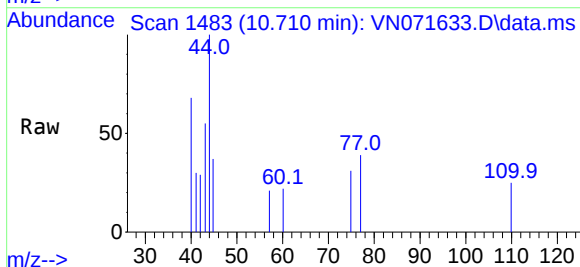
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#02

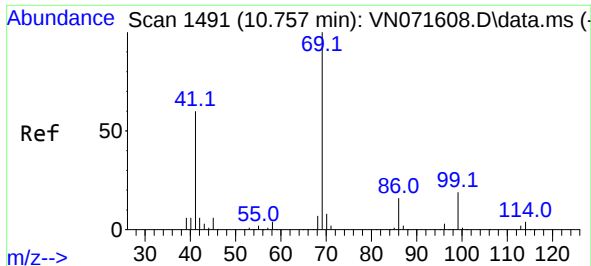
Tgt Ion: 92 Resp: 2752
Ion Ratio Lower Upper
92 100
91 186.4 138.6 207.8



#53
t-1,3-Dichloropropene
Concen: 0.015 ug/l
RT: 10.710 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

Tgt Ion: 75 Resp: 192
Ion Ratio Lower Upper
75 100
77 128.6 25.6 38.4#

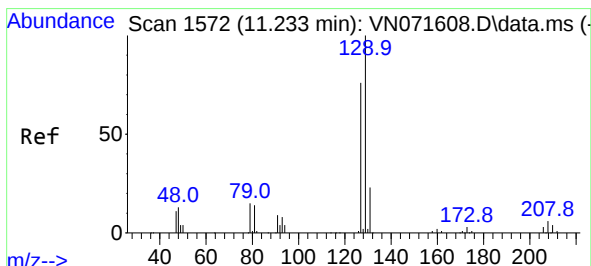
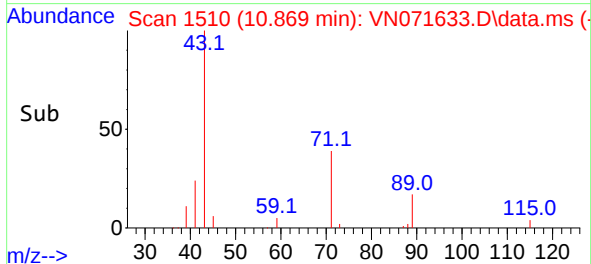
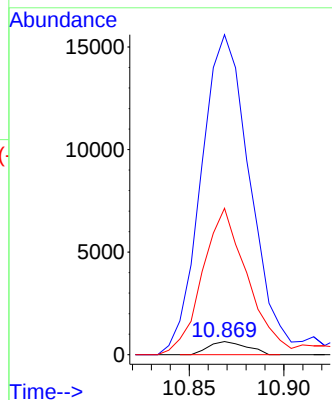
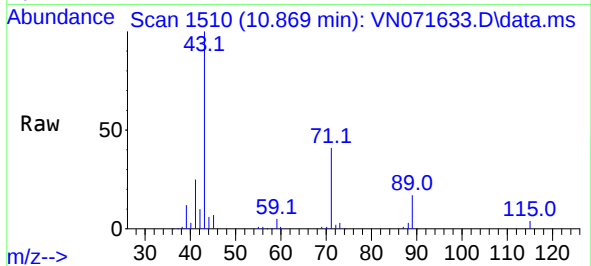




#56
Ethyl methacrylate
Concen: 0.066 ug/l
RT: 10.869 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

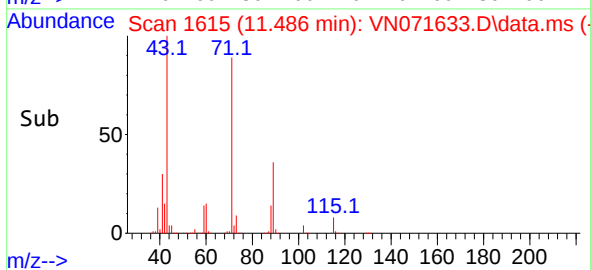
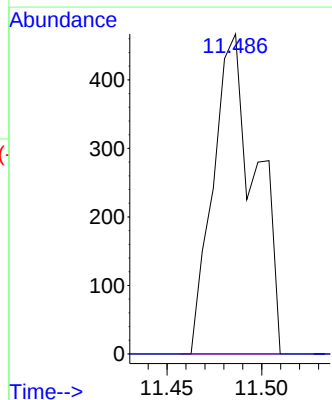
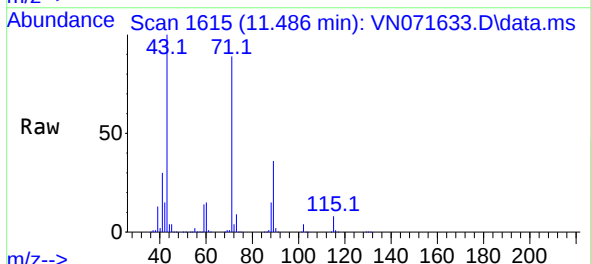
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#02

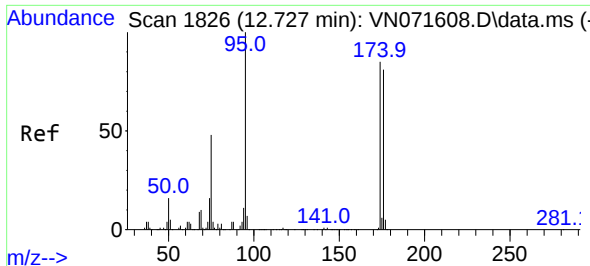
Tgt Ion: 69 Resp: 901
Ion Ratio Lower Upper
69 100
41 3136.5 47.8 71.6#
39 1354.4 27.3 40.9#



#60
Dibromochloromethane
Concen: 0.080 ug/l
RT: 11.486 min Scan# 1615
Delta R.T. 0.253 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

Tgt Ion: 129 Resp: 733
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

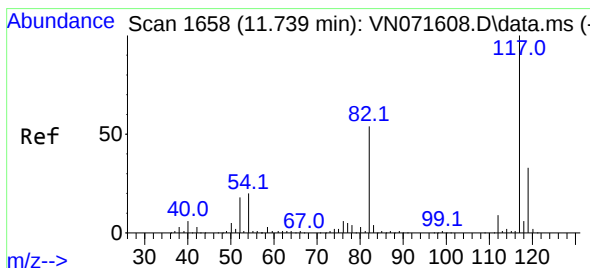
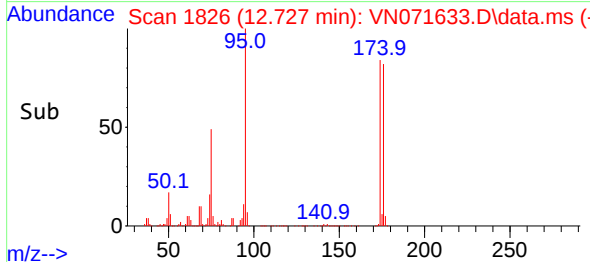
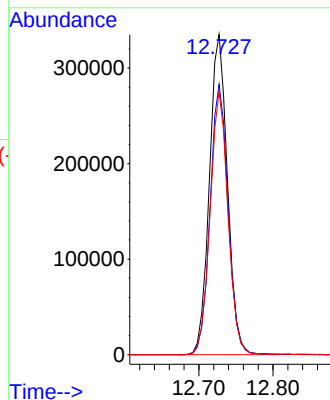
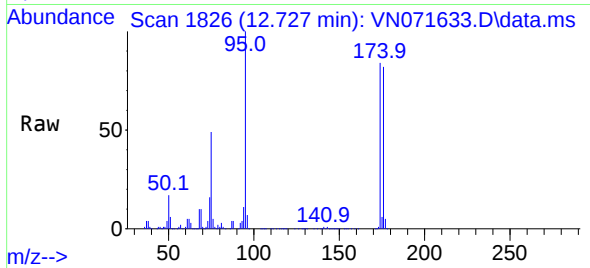




#62
4-Bromofluorobenzene
Concen: 52.500 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

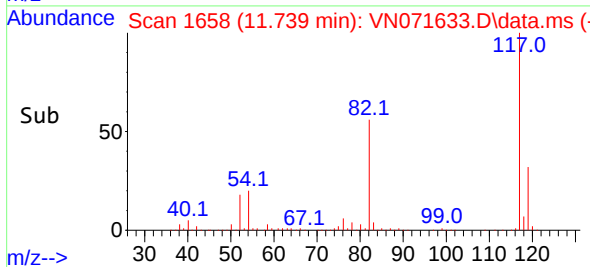
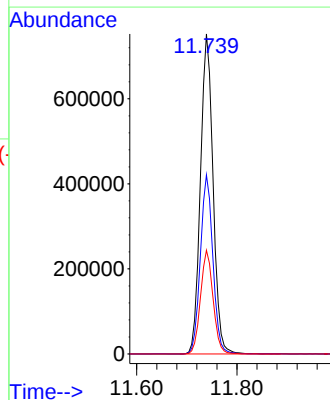
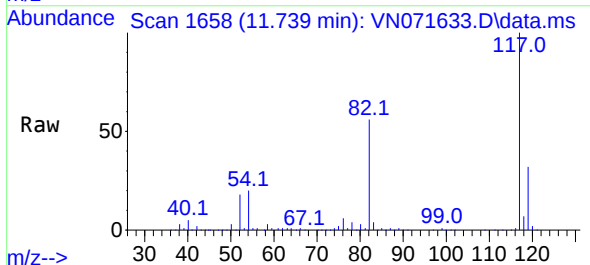
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#02

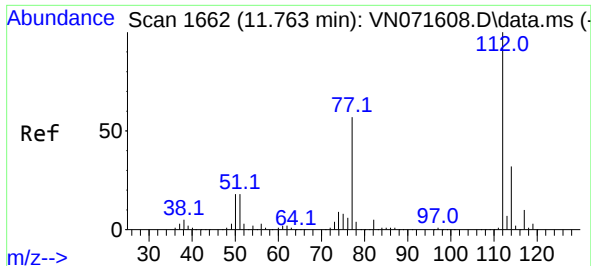
Tgt Ion: 95 Resp: 565831
Ion Ratio Lower Upper
95 100
174 84.7 0.0 167.6
176 81.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

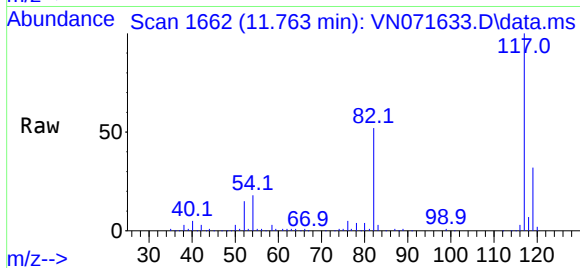
Tgt Ion: 117 Resp: 1313762
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 32.4 25.4 38.0



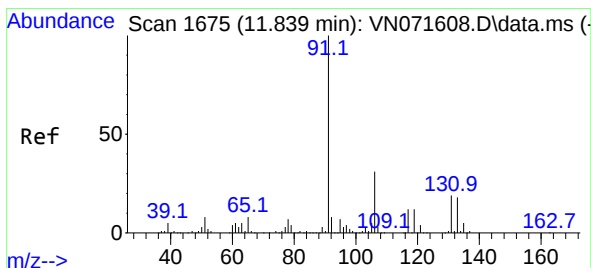
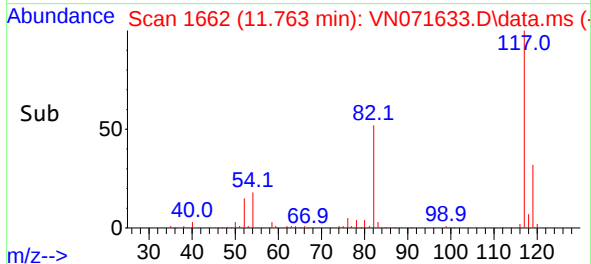
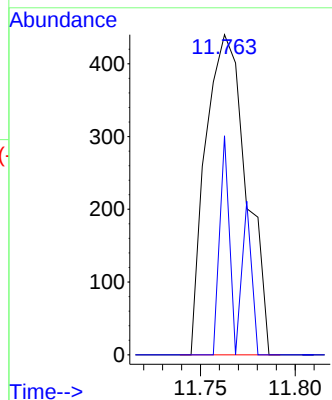


#65
Chlorobenzene
Concen: 0.024 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#02

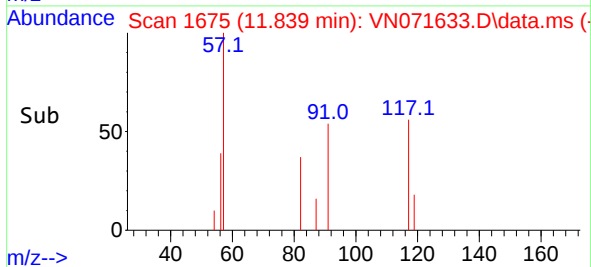
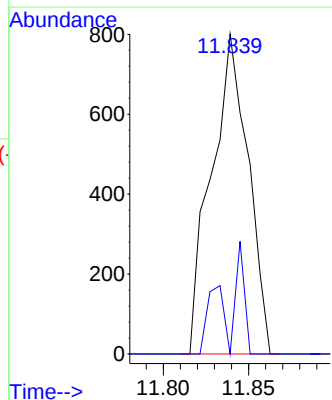
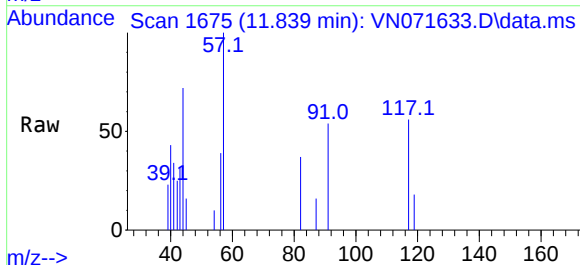


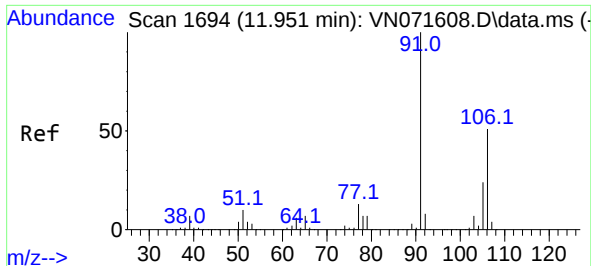
Tgt Ion:112 Resp: 658
Ion Ratio Lower Upper
112 100
114 68.4 25.4 38.2#



#67
Ethyl Benzene
Concen: 0.025 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

Tgt Ion: 91 Resp: 1204
Ion Ratio Lower Upper
91 100
106 0.0 24.9 37.3#

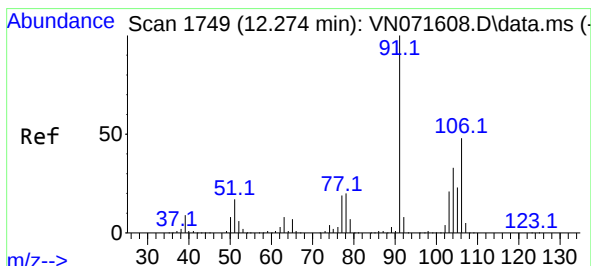
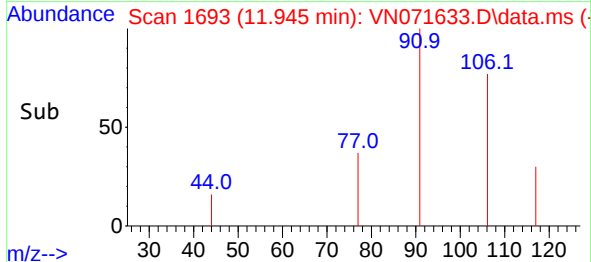
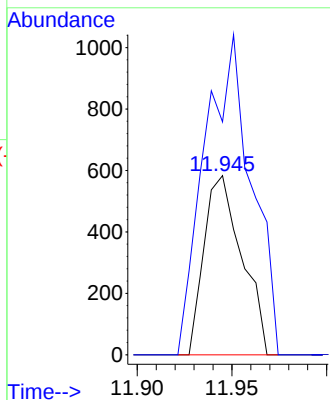
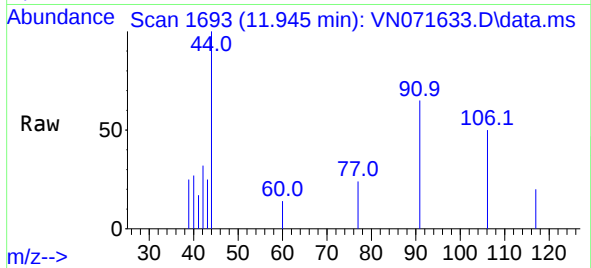




#68
m/p-Xylenes
Concen: 0.045 ug/l
RT: 11.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

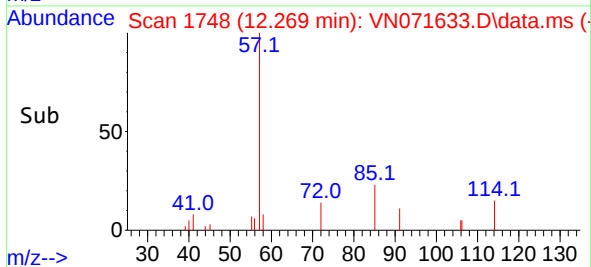
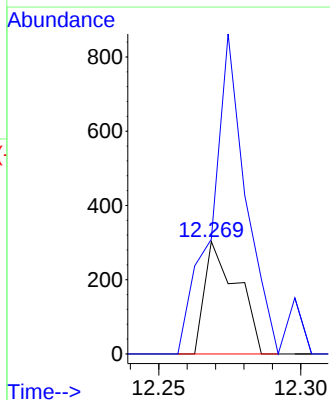
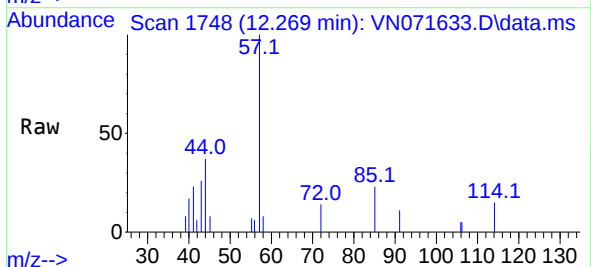
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#02

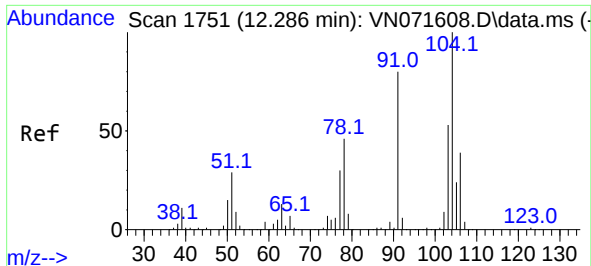
Tgt Ion:106 Resp: 810
Ion Ratio Lower Upper
106 100
91 221.0 158.9 238.3



#69
o-Xylene
Concen: 0.013 ug/l
RT: 12.269 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

Tgt Ion:106 Resp: 241
Ion Ratio Lower Upper
106 100
91 320.3 106.0 318.0#

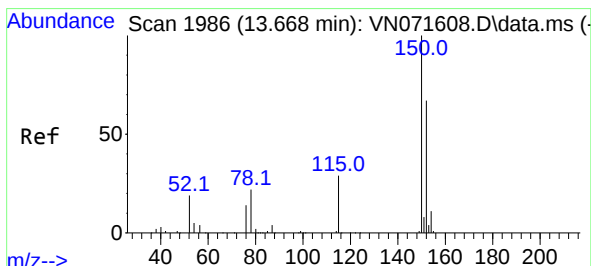
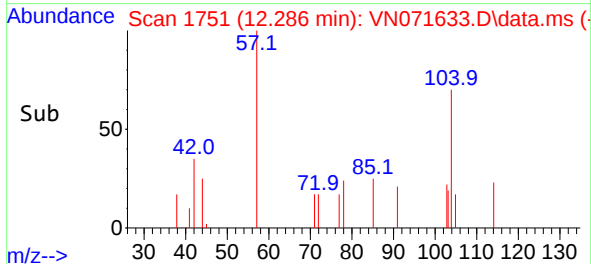
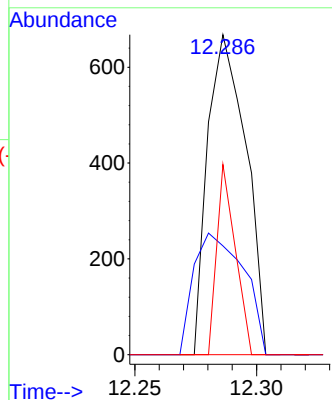
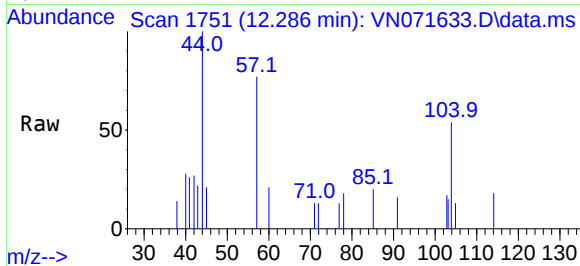




#70
Styrene
Concen: 0.026 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

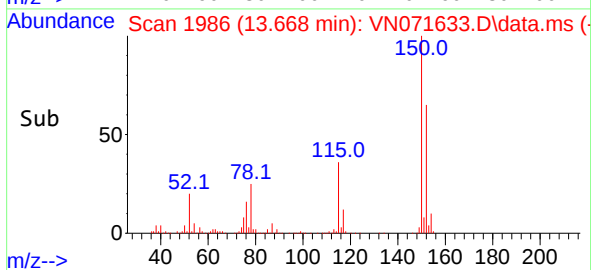
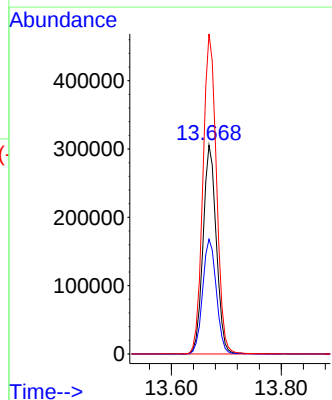
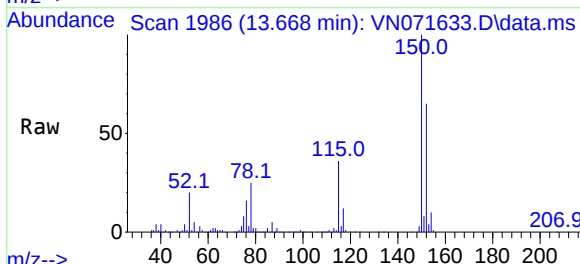
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#02

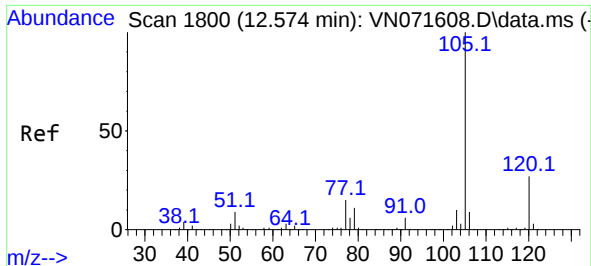
Tgt Ion:	104	Resp:	729
Ion Ratio	Lower	Upper	
104	100		
78	49.7	39.5	59.3
103	28.7	44.0	66.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

Tgt Ion:	152	Resp:	511673
Ion Ratio	Lower	Upper	
152	100		
115	56.8	28.9	86.7
150	156.7	0.0	356.2

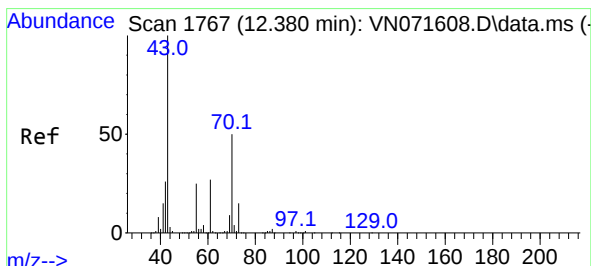
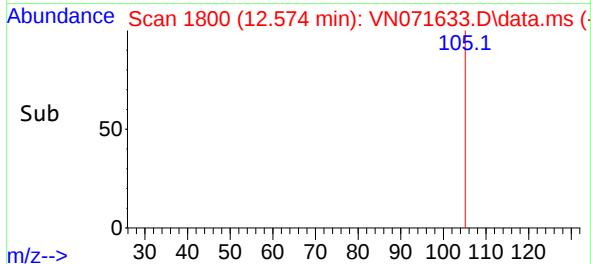
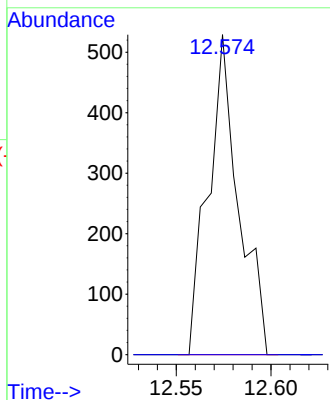
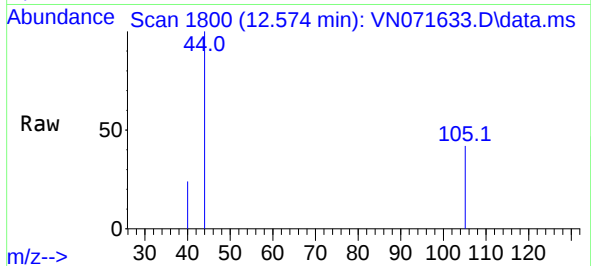




#73
Isopropylbenzene
Concen: 0.013 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

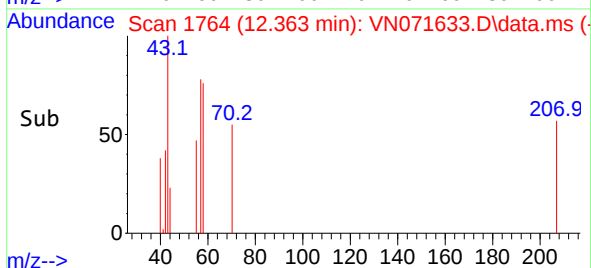
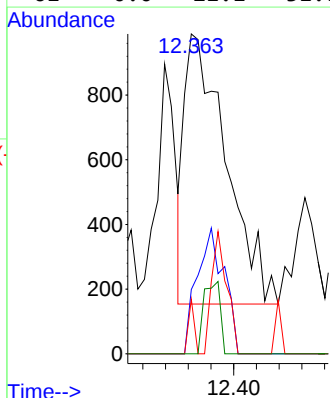
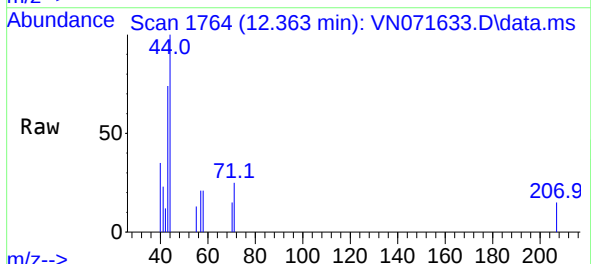
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#02

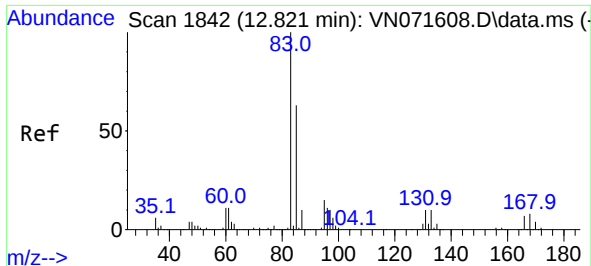
Tgt Ion:105 Resp: 590
Ion Ratio Lower Upper
105 100
120 0.0 13.5 40.4#



#74
N-ethyl acetate
Concen: 0.157 ug/l
RT: 12.363 min Scan# 1764
Delta R.T. -0.018 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

Tgt Ion: 43 Resp: 2138
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 2.8 21.1 31.7#
61 0.0 21.1 31.7#

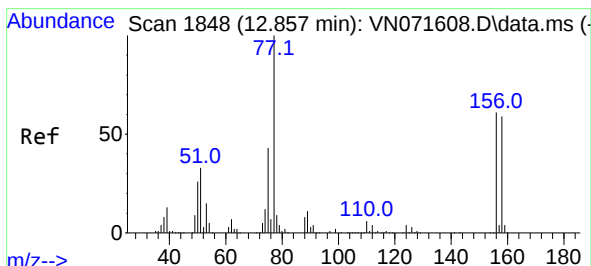
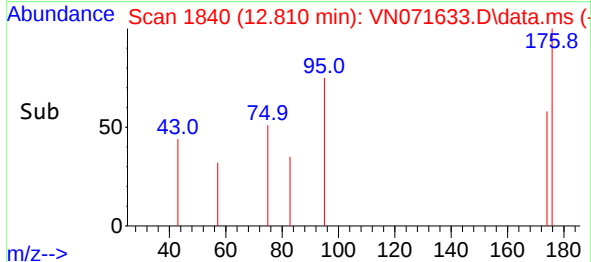
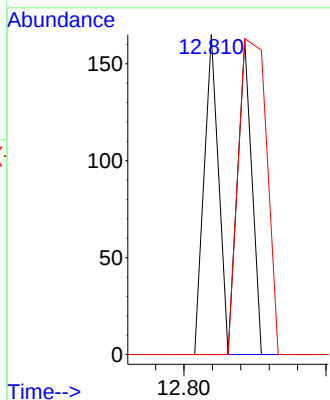
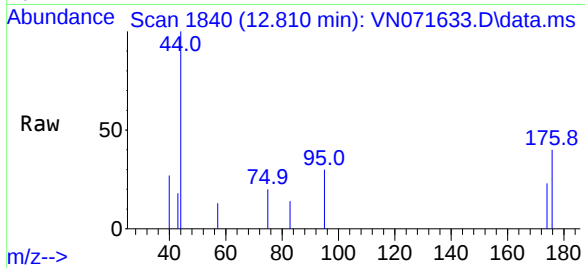




#75
1,1,2,2-Tetrachloroethane
Concen: 0.008 ug/l
RT: 12.810 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

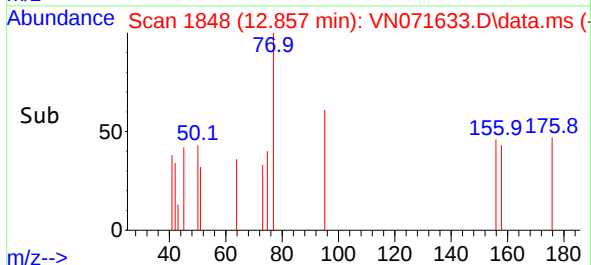
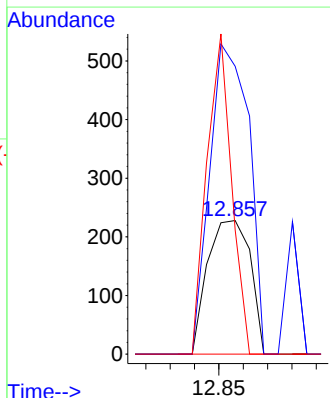
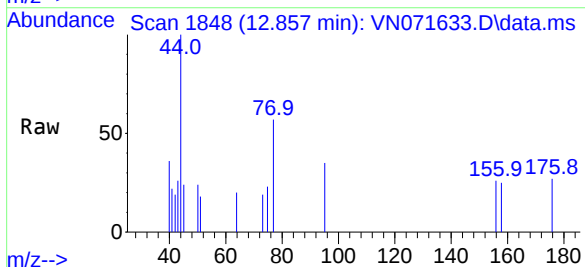
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#02

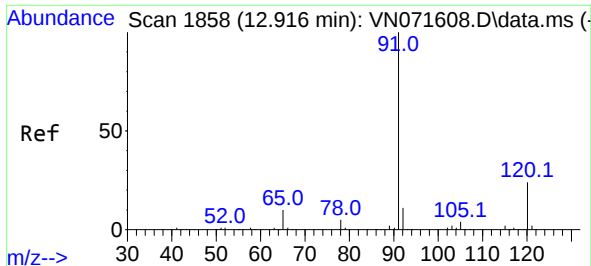
Tgt Ion: 83 Resp: 115
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 98.3 32.3 96.9#



#77
Bromobenzene
Concen: 0.025 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

Tgt Ion:156 Resp: 277
Ion Ratio Lower Upper
156 100
77 213.4 100.5 301.5
158 137.9 48.9 146.6

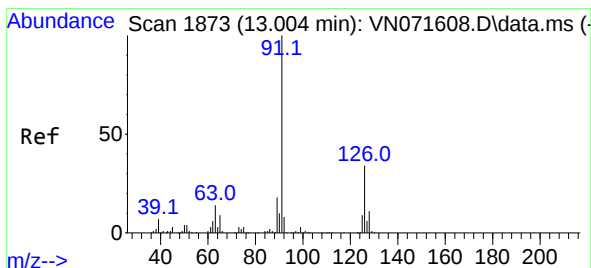
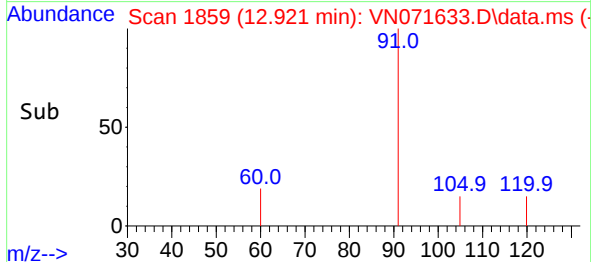
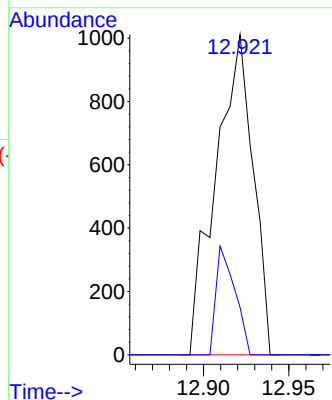
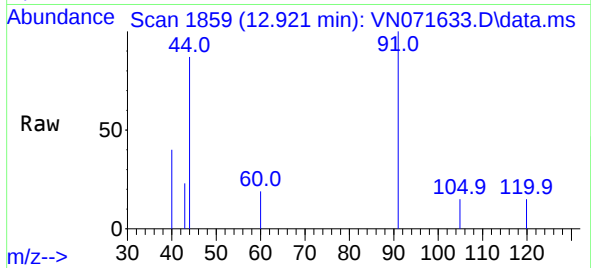




#78
n-propylbenzene
Concen: 0.032 ug/l
RT: 12.921 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

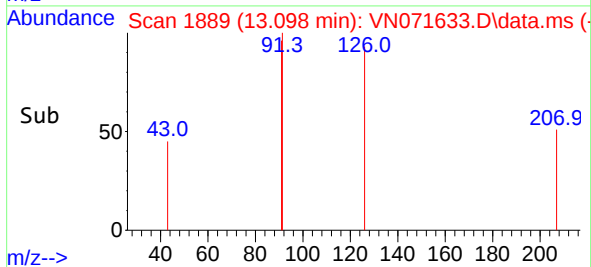
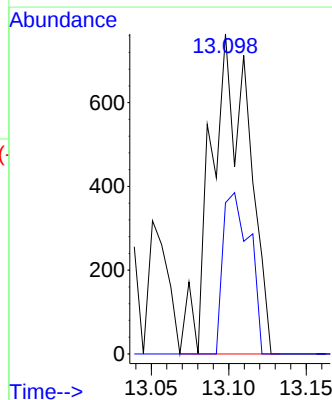
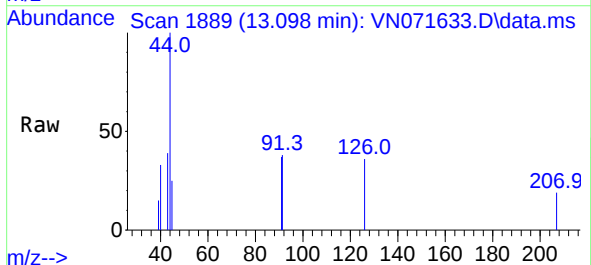
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#02

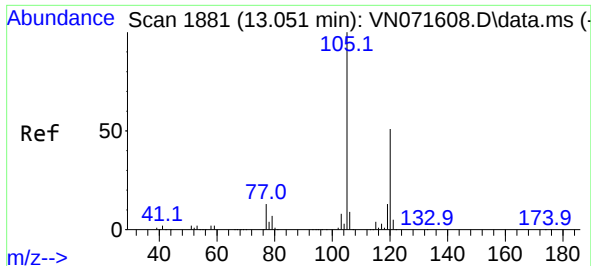
Tgt Ion: 91 Resp: 1538
Ion Ratio Lower Upper
91 100
120 17.2 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.043 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.094 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

Tgt Ion: 91 Resp: 1308
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.9

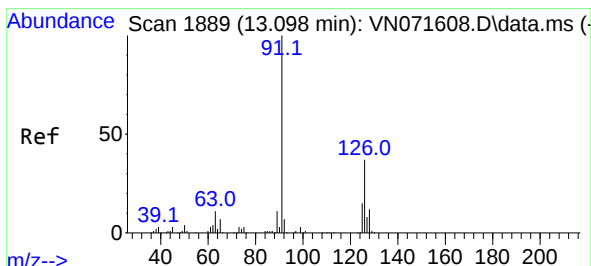
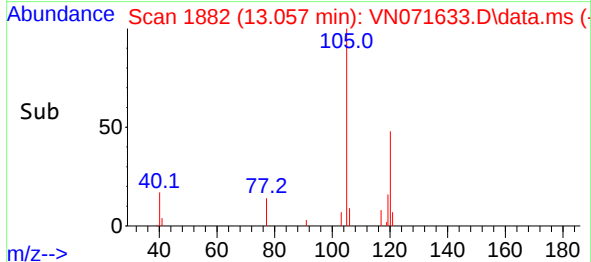
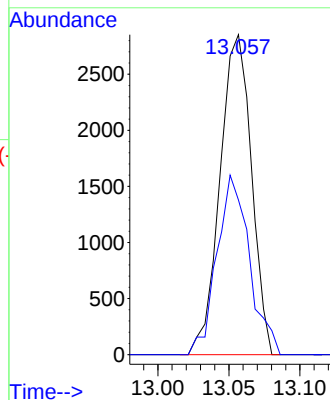
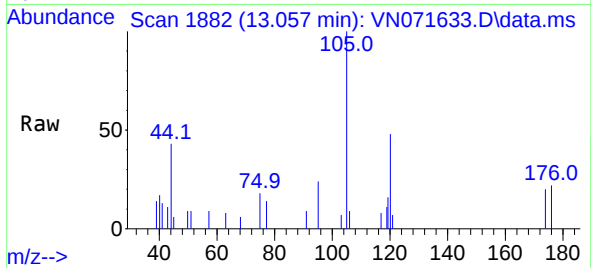




#80
1,3,5-Trimethylbenzene
Concen: 0.124 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

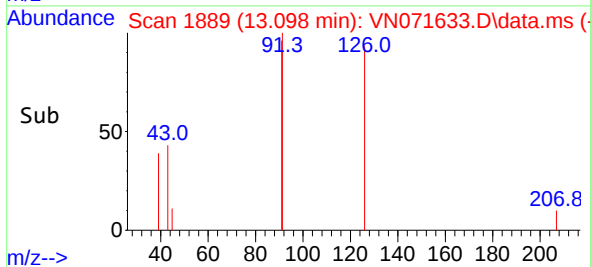
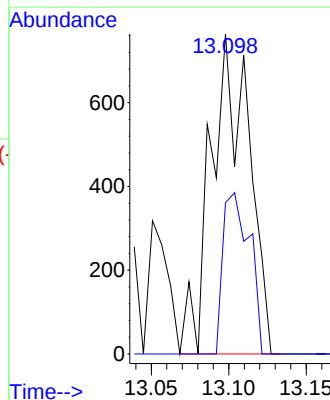
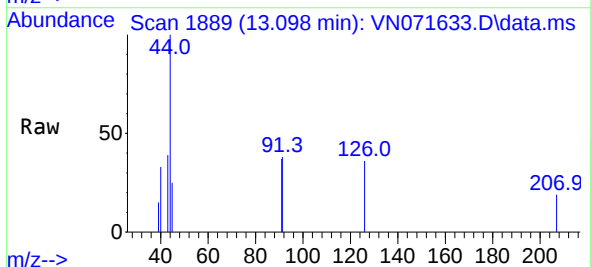
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#02

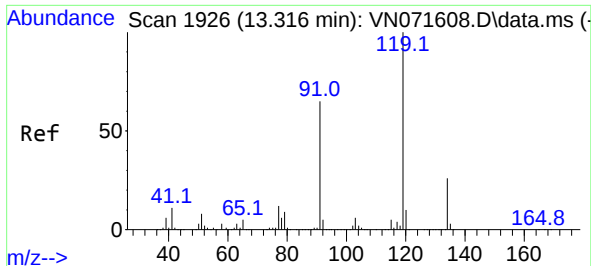
Tgt Ion:105 Resp: 4398
Ion Ratio Lower Upper
105 100
120 58.0 24.9 74.7



#82
4-Chlorotoluene
Concen: 0.046 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

Tgt Ion: 91 Resp: 1308
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 0.010 ug/l

RT: 13.315 min Scan# 1926

Delta R.T. -0.000 min

Lab File: VN071633.D

Acq: 29 Mar 2022 15:43

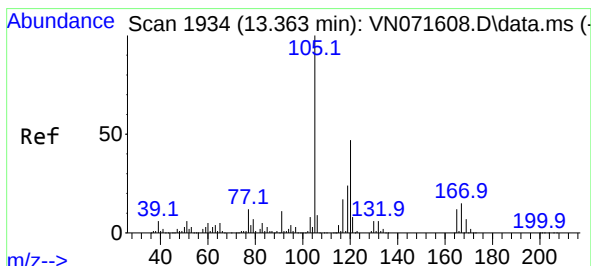
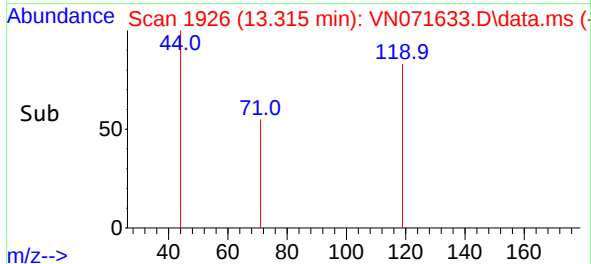
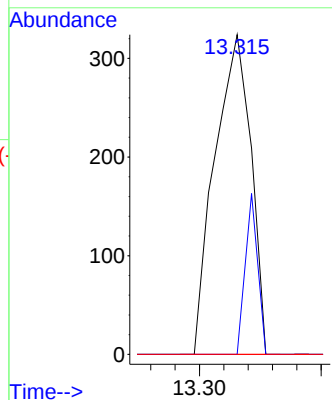
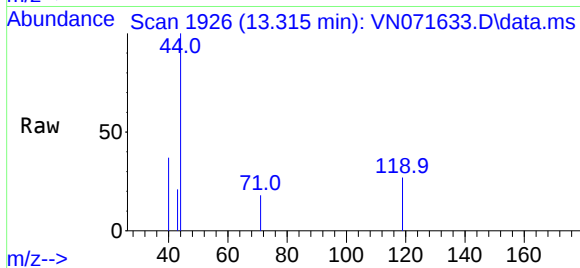
Instrument :

MSVOA_N

ClientSampleId :

PB143701ZHE#02

Tgt Ion:	119	Resp:	333
Ion	Ratio	Lower	Upper
119	100		
91	17.4	31.6	94.8#
134	0.0	13.7	41.1#



#84

1,2,4-Trimethylbenzene

Concen: 0.034 ug/l

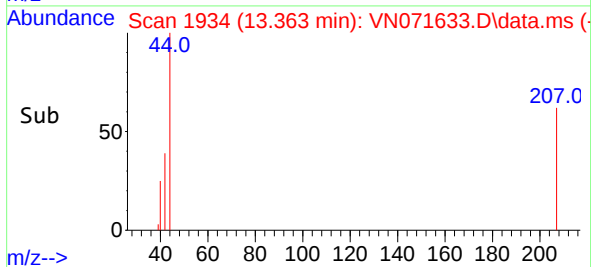
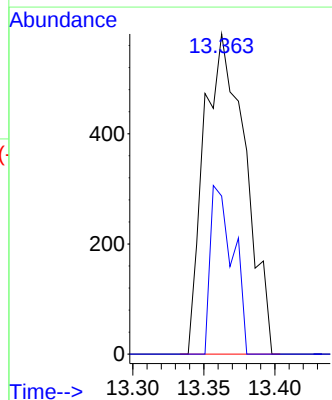
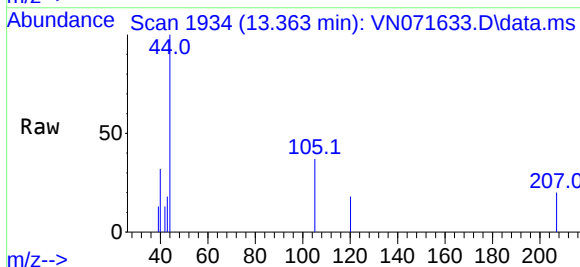
RT: 13.363 min Scan# 1934

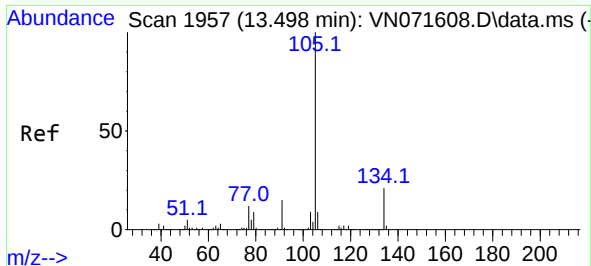
Delta R.T. -0.000 min

Lab File: VN071633.D

Acq: 29 Mar 2022 15:43

Tgt Ion:	105	Resp:	1175
Ion	Ratio	Lower	Upper
105	100		
120	28.9	23.3	69.8

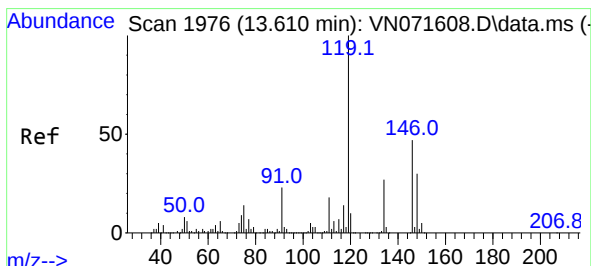
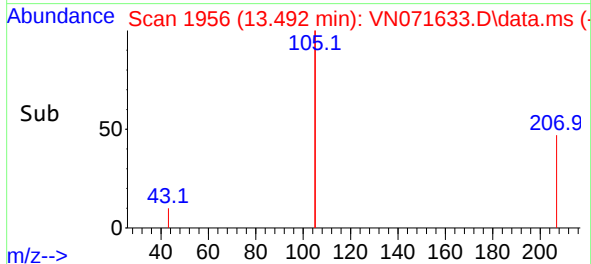
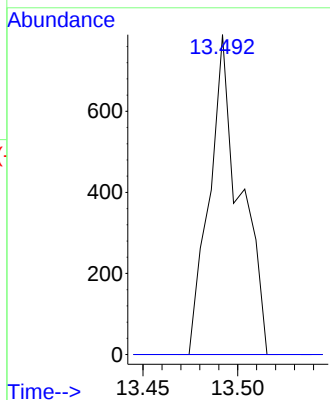
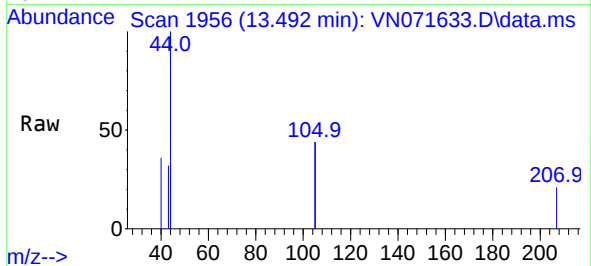




#85
 sec-Butylbenzene
 Concen: 0.021 ug/l
 RT: 13.492 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: VN071633.D
 Acq: 29 Mar 2022 15:43

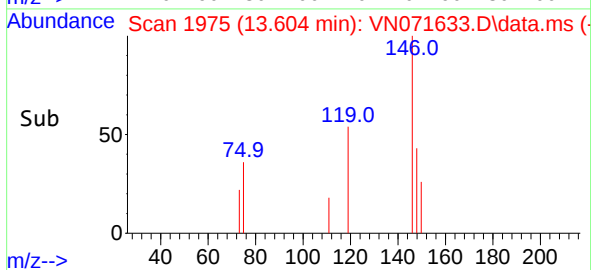
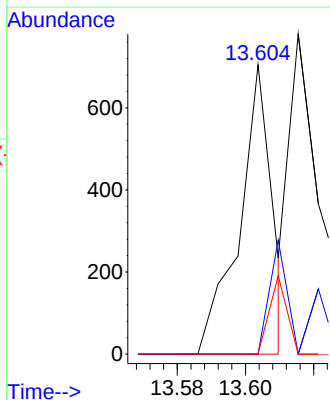
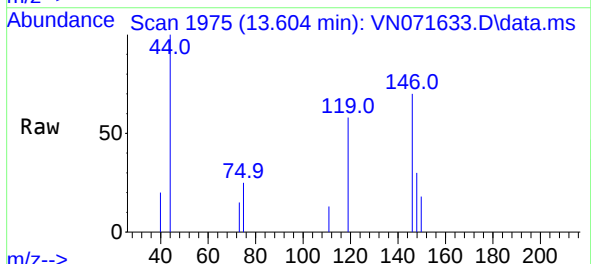
Instrument :
 MSVOA_N
 ClientSampleId :
 PB143701ZHE#02

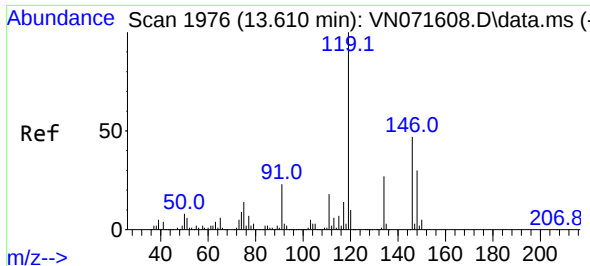
Tgt Ion:105 Resp: 890
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.014 ug/l
 RT: 13.604 min Scan# 1975
 Delta R.T. -0.006 min
 Lab File: VN071633.D
 Acq: 29 Mar 2022 15:43

Tgt Ion:119 Resp: 476
 Ion Ratio Lower Upper
 119 100
 134 32.4 13.3 39.8
 91 14.1 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 0.055 ug/l

RT: 13.604 min Scan# 1975

Delta R.T. -0.006 min

Lab File: VN071633.D

Acq: 29 Mar 2022 15:43

Instrument :

MSVOA_N

ClientSampleId :

PB143701ZHE#02

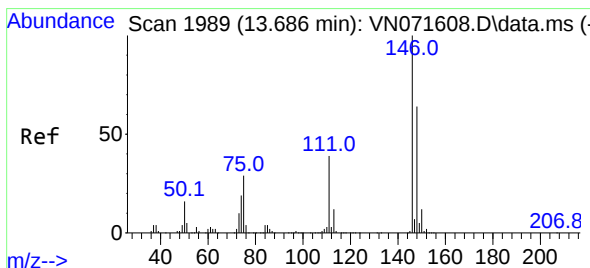
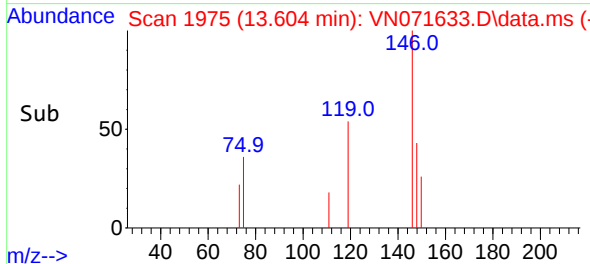
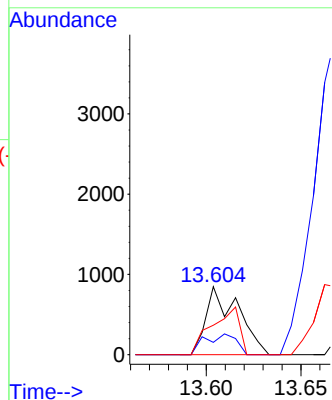
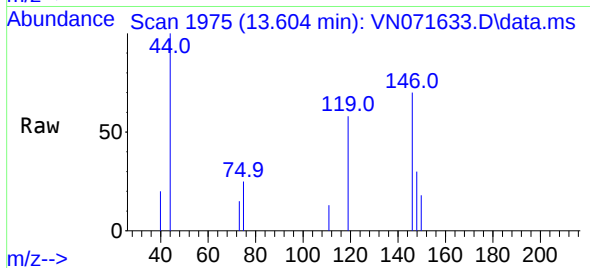
Tgt Ion:146 Resp: 1004

Ion Ratio Lower Upper

146 100

111 29.5 20.0 60.0

148 60.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.056 ug/l

RT: 13.604 min Scan# 1975

Delta R.T. -0.082 min

Lab File: VN071633.D

Acq: 29 Mar 2022 15:43

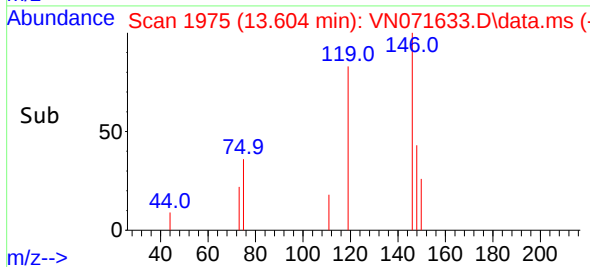
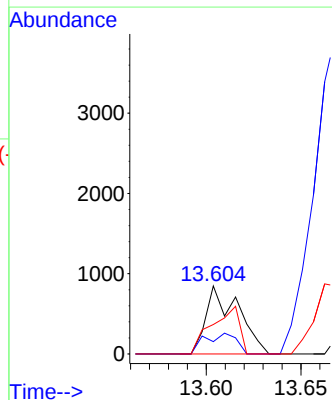
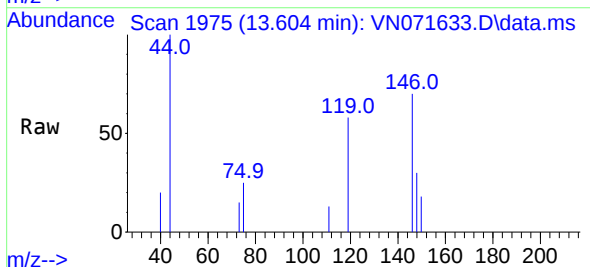
Tgt Ion:146 Resp: 1004

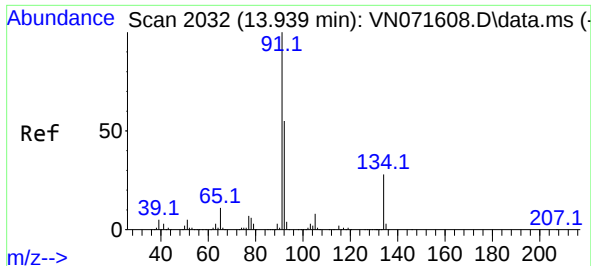
Ion Ratio Lower Upper

146 100

111 29.5 19.1 57.1

148 60.1 31.4 94.3





#89

n-Butylbenzene

Concen: 0.079 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VN071633.D

Acq: 29 Mar 2022 15:43

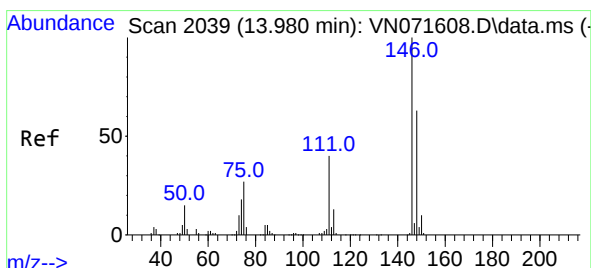
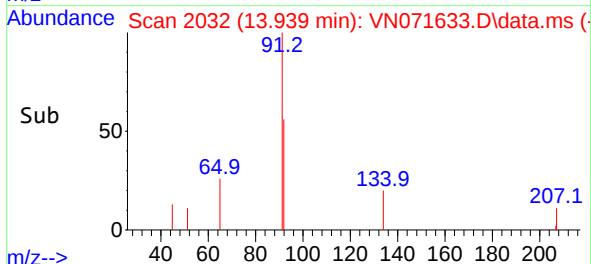
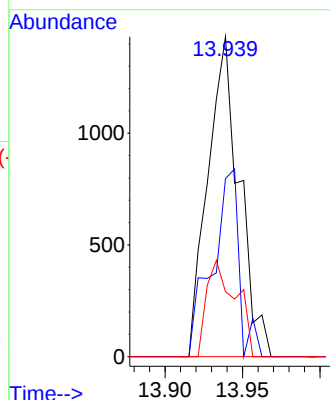
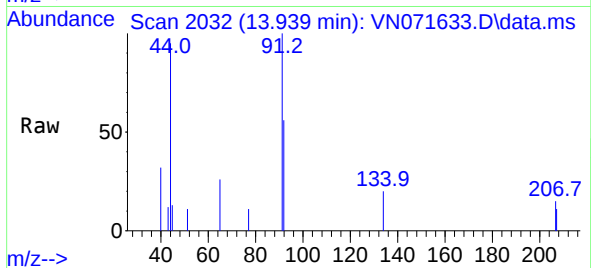
Instrument :

MSVOA_N

ClientSampleId :

PB143701ZHE#02

Tgt Ion:	91	Resp:	2024
Ion	Ratio	Lower	Upper
91	100		
92	50.3	26.9	80.7
134	27.9	13.6	40.8



#91

1,2-Dichlorobenzene

Concen: 0.039 ug/l

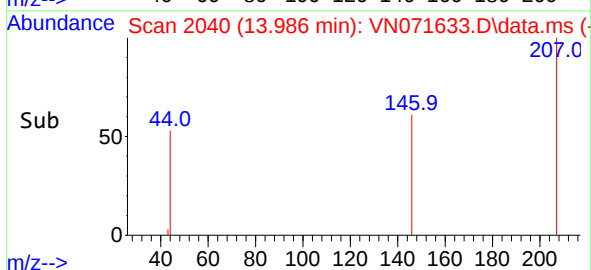
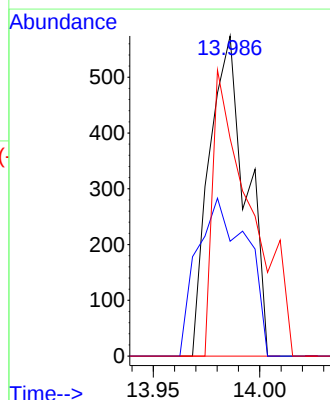
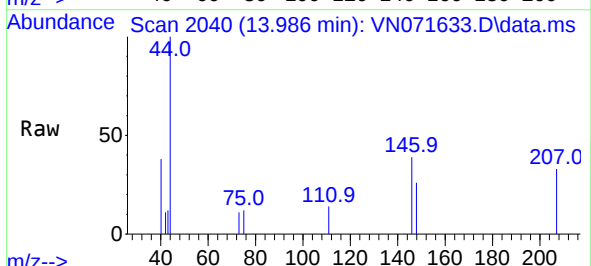
RT: 13.986 min Scan# 2040

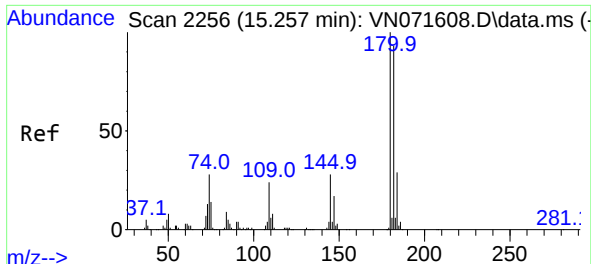
Delta R.T. 0.006 min

Lab File: VN071633.D

Acq: 29 Mar 2022 15:43

Tgt Ion:	146	Resp:	688
Ion	Ratio	Lower	Upper
146	100		
111	66.6	20.9	62.8
148	92.7	32.1	96.3

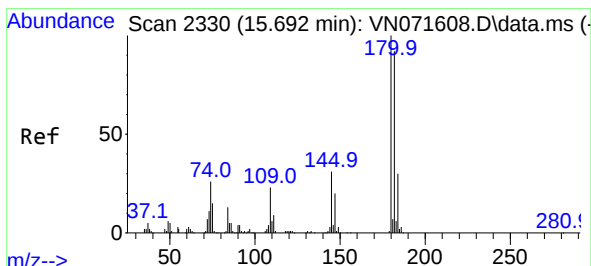
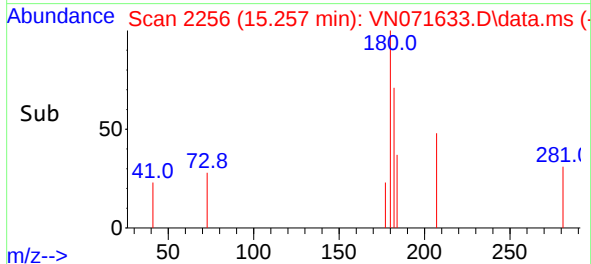
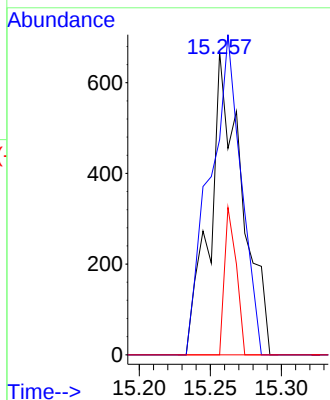
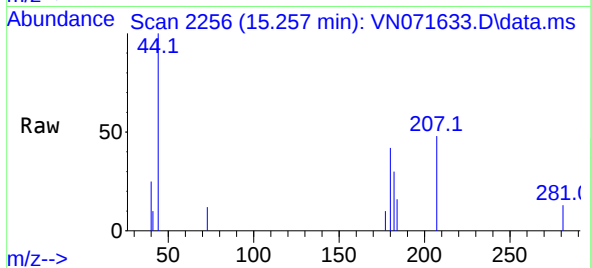




#93
1,2,4-Trichlorobenzene
Concen: 0.133 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#02

Tgt Ion:180 Resp: 1046
Ion Ratio Lower Upper
180 100
182 103.7 47.5 142.5
145 17.7 14.5 43.5



#96
1,2,3-Trichlorobenzene
Concen: 0.142 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN071633.D
Acq: 29 Mar 2022 15:43

Tgt Ion:180 Resp: 1117
Ion Ratio Lower Upper
180 100
182 72.5 47.8 143.3
145 22.4 15.5 46.5

