

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032922\
 Data File : VN071632.D
 Acq On : 29 Mar 2022 15:19
 Operator : JC\MD
 Sample : PB143701ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143701ZHE#01

Quant Time: Mar 30 06:04:54 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	774595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1309371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1329929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	511255	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	446967	48.125	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.260%
35) Dibromofluoromethane	8.016	113	372393	46.309	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.620%
50) Toluene-d8	10.433	98	1646946	49.651	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.727	95	573400	52.990	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.980%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.075	85	58	0.008	ug/l #	43
4) Vinyl Chloride	2.446	62	68	0.007	ug/l #	43
8) Diethyl Ether	3.816	74	60	0.012	ug/l #	1
10) Methyl Iodide	4.434	142	1688	0.159	ug/l #	73
11) Tert butyl alcohol	5.340	59	142	0.087	ug/l #	72
14) Allyl chloride	4.840	41	108	0.010	ug/l #	24
15) Acrylonitrile	5.551	53	117	0.026	ug/l #	17
16) Acetone	4.293	43	21617	5.646	ug/l	97
17) Carbon Disulfide	4.528	76	1044	0.060	ug/l #	75
20) Methylene Chloride	5.093	84	60340	7.130	ug/l	98
22) Diisopropyl ether	6.751	45	57	0.002	ug/l #	34
23) Vinyl Acetate	6.428	43	132	0.007	ug/l #	68
29) Tetrahydrofuran	7.681	42	593	0.153	ug/l #	45
30) Chloroform	8.081	83	150	0.010	ug/l #	18
37) Ethyl Acetate	7.416	43	1164	0.092	ug/l #	67
40) Benzene	8.457	78	646	0.018	ug/l #	51
41) Methacrylonitrile	7.681	41	841	0.137	ug/l #	30
42) 1,2-Dichloroethane	8.522	62	1234	0.101	ug/l #	74
43) Isopropyl Acetate	8.557	43	93711	4.726	ug/l #	81
44) Trichloroethene	9.216	130	319	0.034	ug/l	3
52) Toluene	10.498	92	3042	0.133	ug/l	89
53) t-1,3-Dichloropropene	10.710	75	206	0.016	ug/l #	43
56) Ethyl methacrylate	10.880	69	735	0.054	ug/l #	1
60) Dibromochloromethane	11.480	129	686	0.074	ug/l #	11
64) Tetrachloroethene	10.969	164	74	0.008	ug/l #	79
65) Chlorobenzene	11.769	112	1196	0.043	ug/l #	84
67) Ethyl Benzene	11.839	91	1326	0.028	ug/l #	87
68) m/p-Xylenes	11.951	106	1091	0.060	ug/l	93
69) o-Xylene	12.274	106	564	0.031	ug/l	92
70) Styrene	12.286	104	960	0.034	ug/l #	85
73) Isopropylbenzene	12.574	105	788	0.018	ug/l #	64
74) N-amyl acetate	12.380	43	2222	0.164	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.822	83	397	0.027	ug/l #	73
77) Bromobenzene	12.863	156	812	0.072	ug/l	56
78) n-propylbenzene	12.916	91	1904	0.039	ug/l	97
79) 2-Chlorotoluene	13.110	91	2106	0.070	ug/l	95

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 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

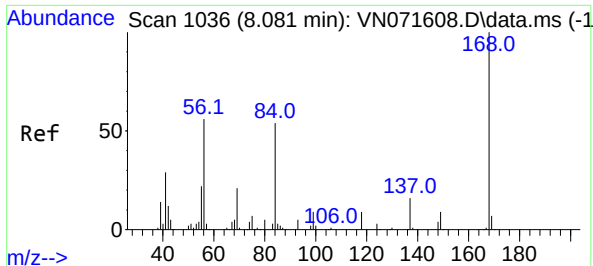
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

80) 1,3,5-Trimethylbenzene	13.051	105	5354	0.152	ug/l	97
82) 4-Chlorotoluene	13.110	91	2106	0.075	ug/l	94
83) tert-Butylbenzene	13.316	119	609	0.019	ug/l #	27
84) 1,2,4-Trimethylbenzene	13.357	105	1888	0.055	ug/l	88
85) sec-Butylbenzene	13.492	105	1083	0.025	ug/l #	70
86) p-Isopropyltoluene	13.610	119	1256	0.037	ug/l #	70
87) 1,3-Dichlorobenzene	13.610	146	1619	0.089	ug/l	75
88) 1,4-Dichlorobenzene	13.610	146	1619	0.090	ug/l	76
89) n-Butylbenzene	13.939	91	2621	0.102	ug/l	93
90) Hexachloroethane	13.945	117	66	0.010	ug/l #	9
91) 1,2-Dichlorobenzene	13.980	146	1315	0.074	ug/l	90
93) 1,2,4-Trichlorobenzene	15.263	180	1551	0.197	ug/l	91
94) Hexachlorobutadiene	15.357	225	271	0.055	ug/l #	18
96) 1,2,3-Trichlorobenzene	15.692	180	1493	0.190	ug/l	99

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

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QLast Update : Tue Mar 29 09:32:37 2022
Response via : Initial Calibration

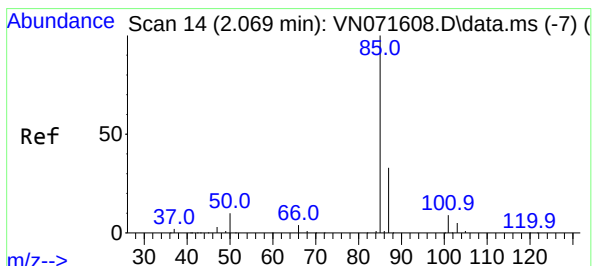
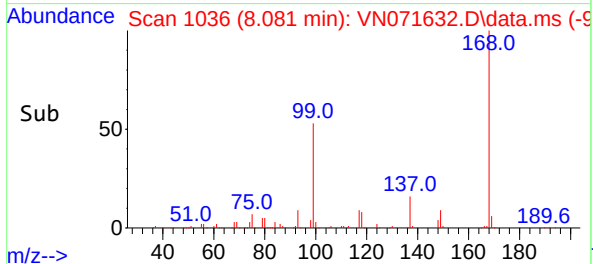
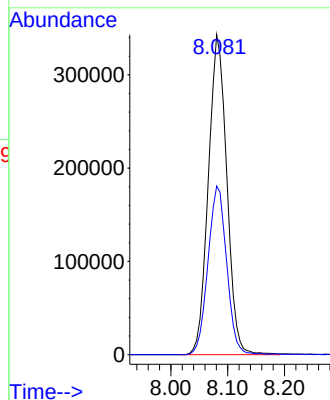
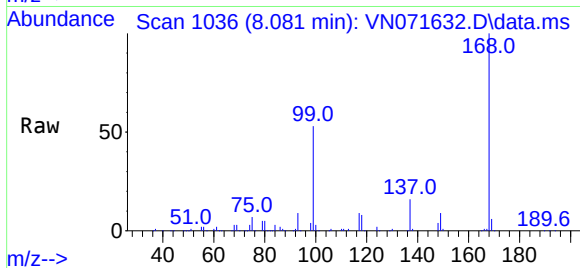




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

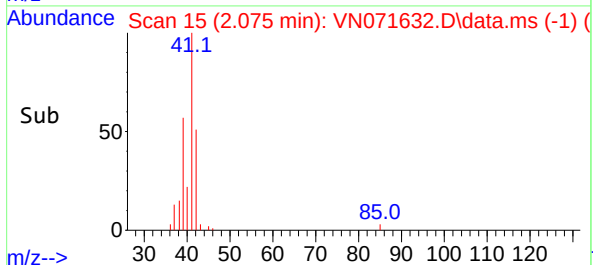
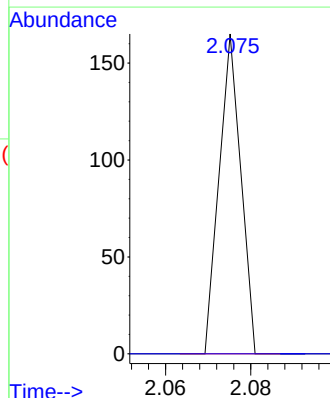
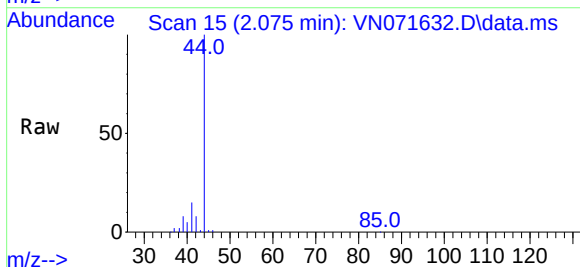
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#01

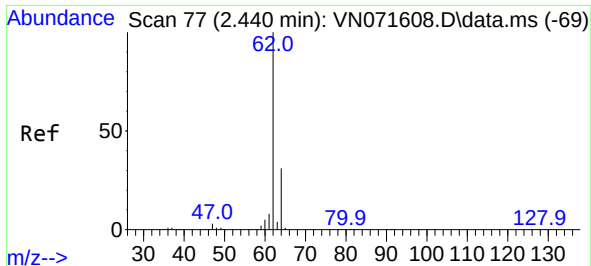
Tgt Ion:168 Resp: 774595
Ion Ratio Lower Upper
168 100
99 52.7 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 0.008 ug/l
RT: 2.075 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Tgt Ion: 85 Resp: 58
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.1#

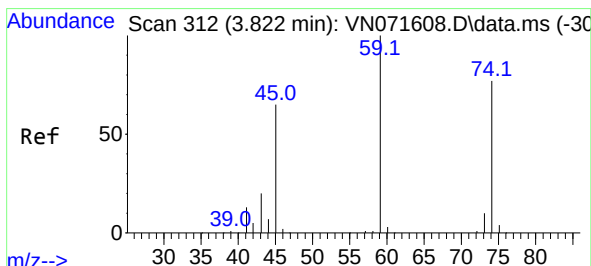
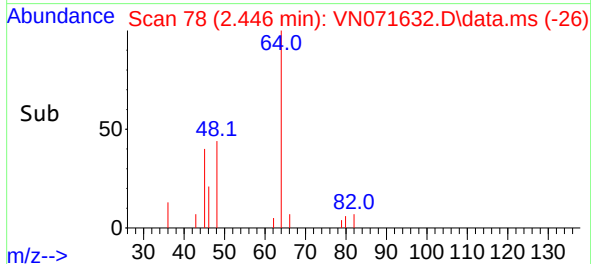
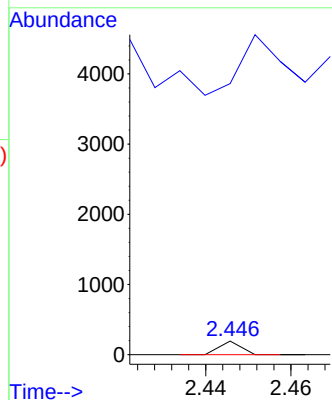
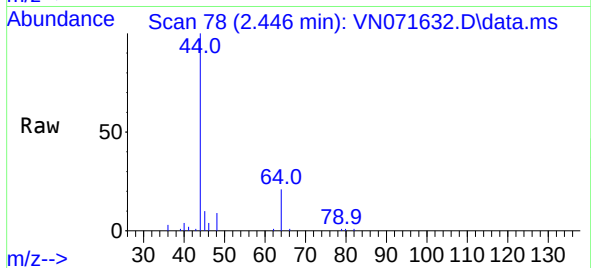




#4
 Vinyl Chloride
 Concen: 0.007 ug/l
 RT: 2.446 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN071632.D
 Acq: 29 Mar 2022 15:19

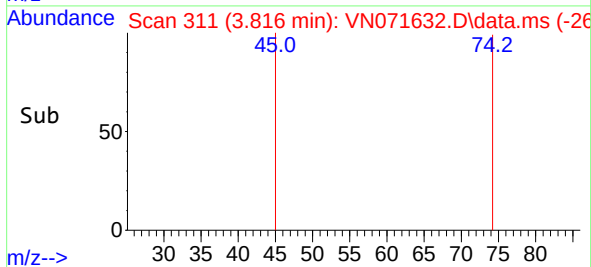
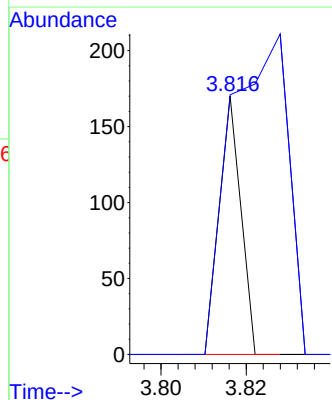
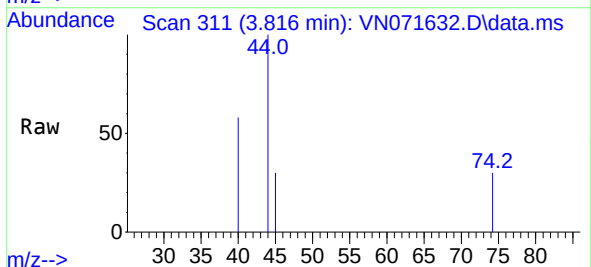
Instrument :
 MSVOA_N
 ClientSampleId :
 PB143701ZHE#01

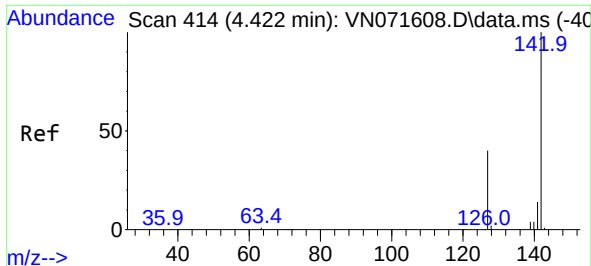
Tgt Ion: 62 Resp: 68
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.4#



#8
 Diethyl Ether
 Concen: 0.012 ug/l
 RT: 3.816 min Scan# 311
 Delta R.T. -0.006 min
 Lab File: VN071632.D
 Acq: 29 Mar 2022 15:19

Tgt Ion: 74 Resp: 60
 Ion Ratio Lower Upper
 74 100
 45 330.0 42.9 128.5#

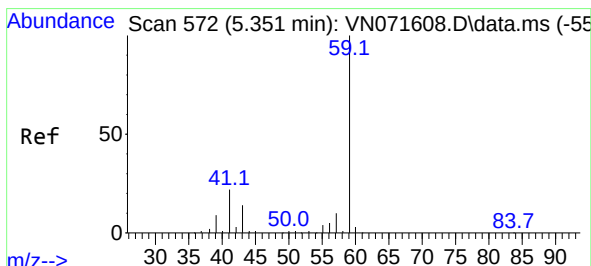
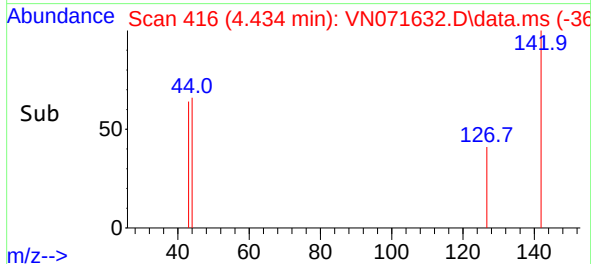
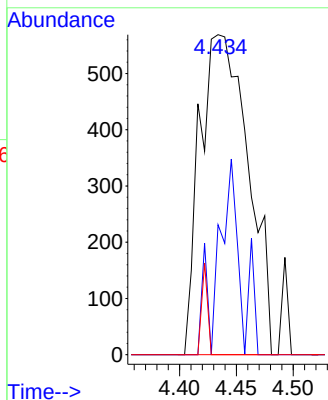
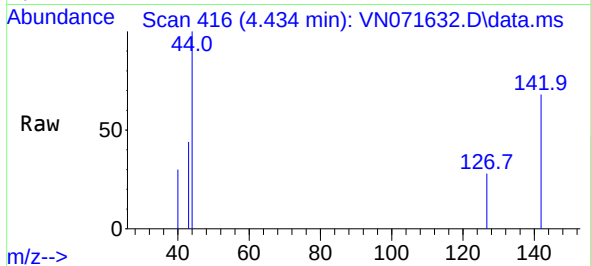




#10
Methyl Iodide
Concen: 0.159 ug/l
RT: 4.434 min Scan# 414
Delta R.T. 0.012 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

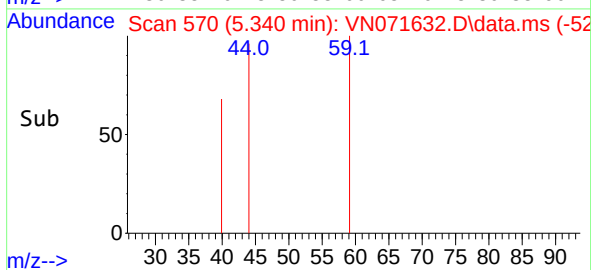
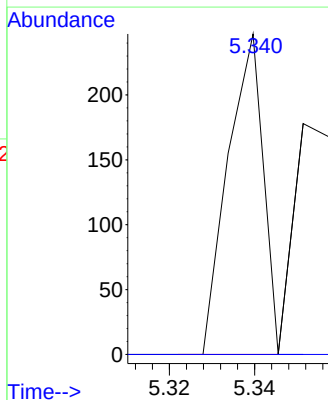
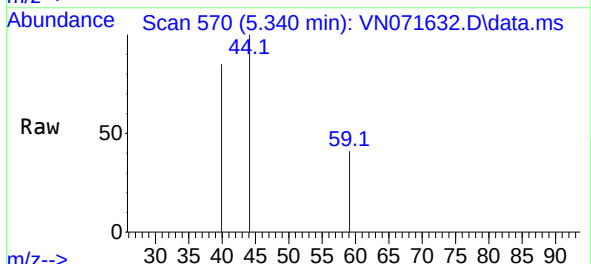
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#01

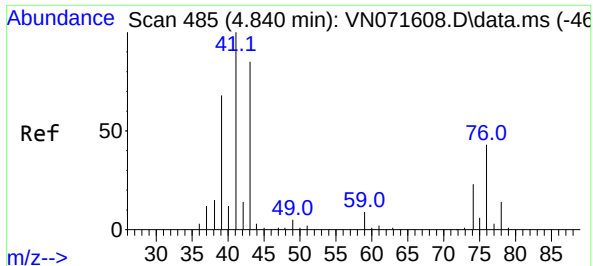
Tgt Ion:142 Resp: 1688
Ion Ratio Lower Upper
142 100
127 24.2 31.3 46.9#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.087 ug/l
RT: 5.340 min Scan# 570
Delta R.T. -0.012 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Tgt Ion: 59 Resp: 142
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

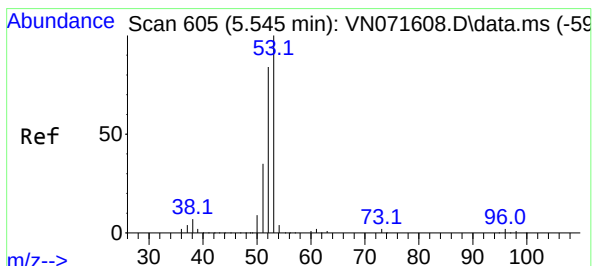
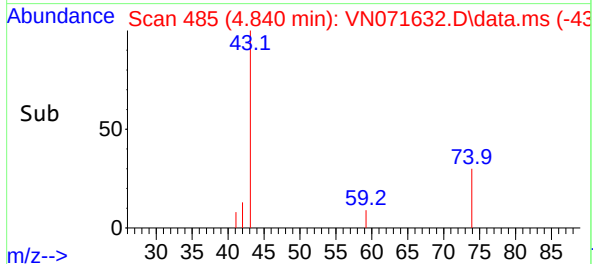
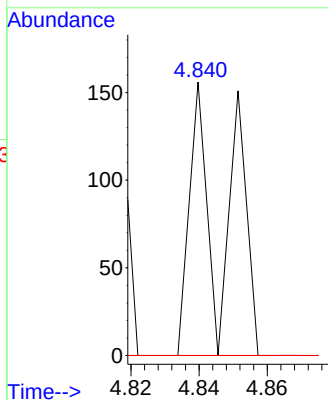
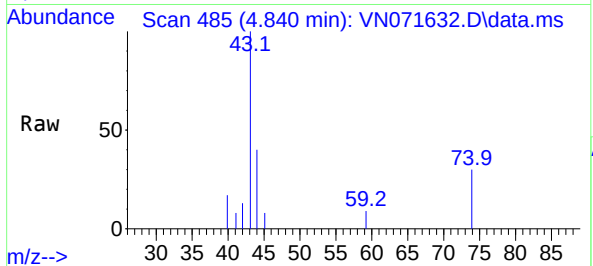




#14
 Allyl chloride
 Concen: 0.010 ug/l
 RT: 4.840 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN071632.D
 Acq: 29 Mar 2022 15:19

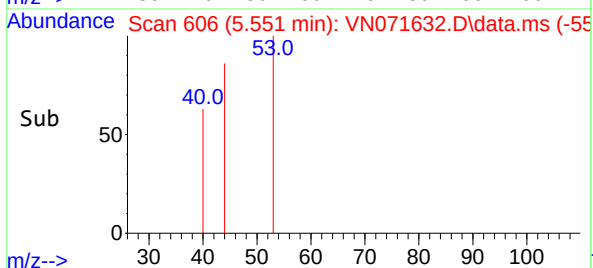
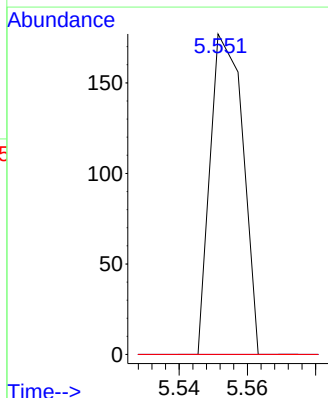
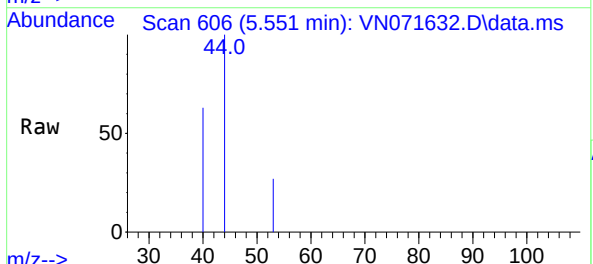
Instrument :
 MSVOA_N
 ClientSampleId :
 PB143701ZHE#01

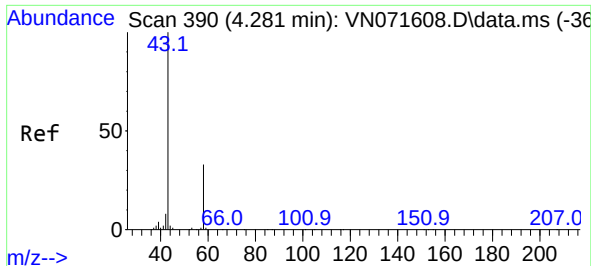
Tgt Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.2	79.8#
76	0.0	29.9	44.9#



#15
 Acrylonitrile
 Concen: 0.026 ug/l
 RT: 5.551 min Scan# 606
 Delta R.T. 0.006 min
 Lab File: VN071632.D
 Acq: 29 Mar 2022 15:19

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

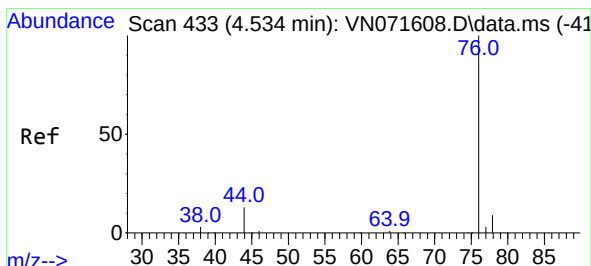
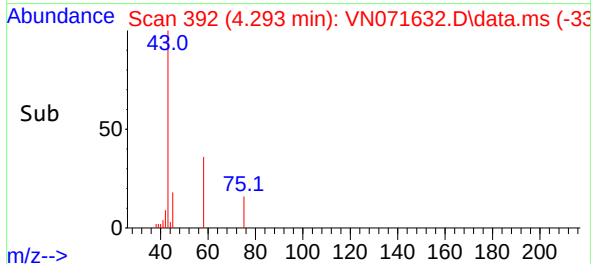
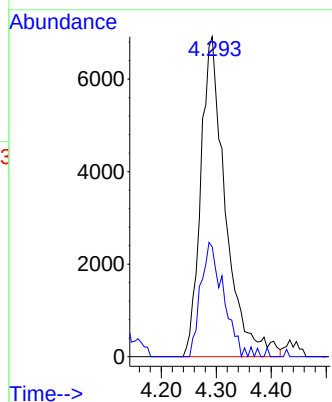
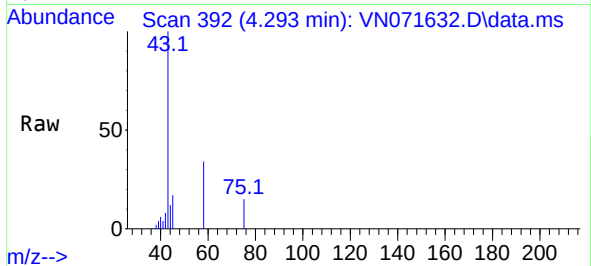




#16
Acetone
Concen: 5.646 ug/l
RT: 4.293 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

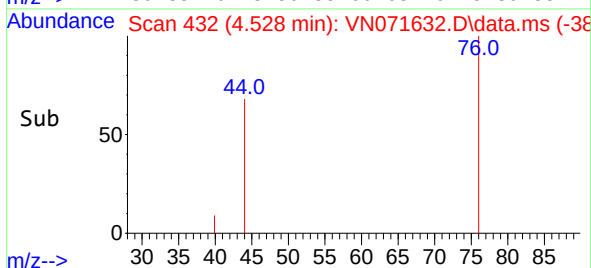
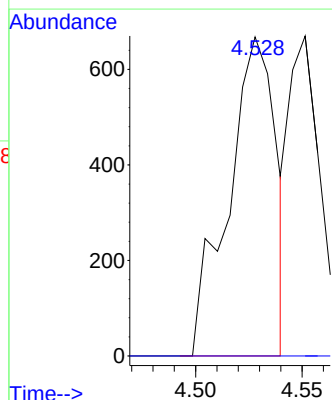
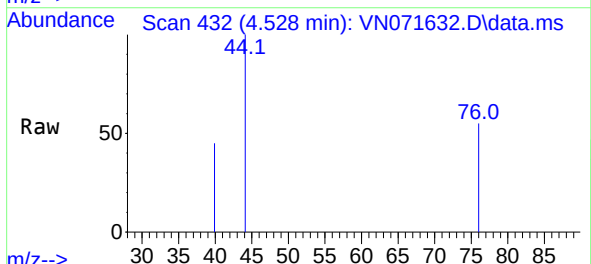
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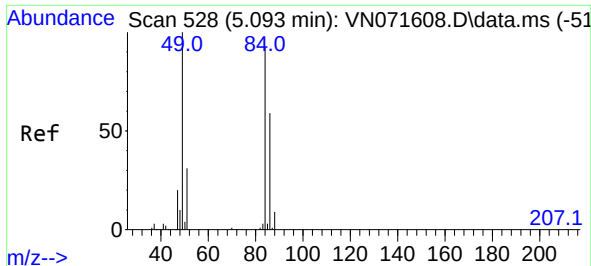
Tgt Ion: 43 Resp: 21617
Ion Ratio Lower Upper
43 100
58 34.3 26.0 39.0



#17
Carbon Disulfide
Concen: 0.060 ug/l
RT: 4.528 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Tgt Ion: 76 Resp: 1044
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



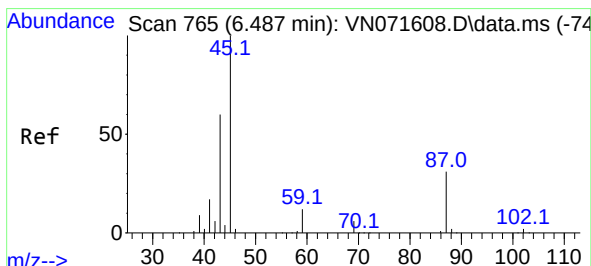
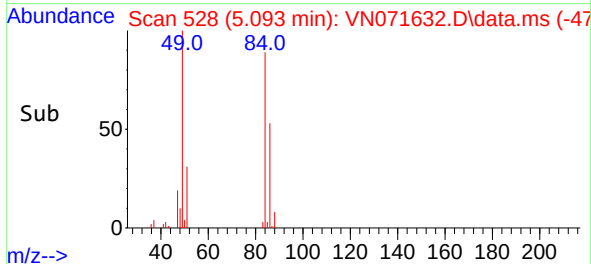
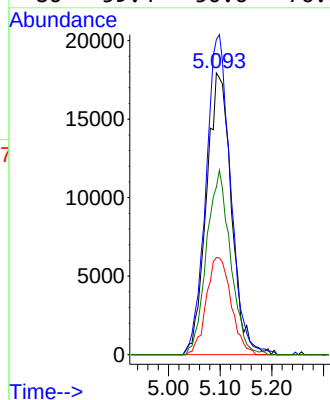
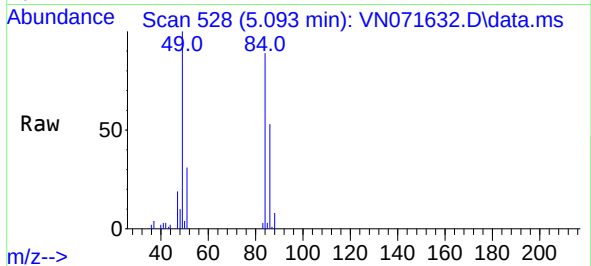


#20
Methylene Chloride
Concen: 7.130 ug/l
RT: 5.093 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#01

Tgt Ion: 84 Resp: 60340

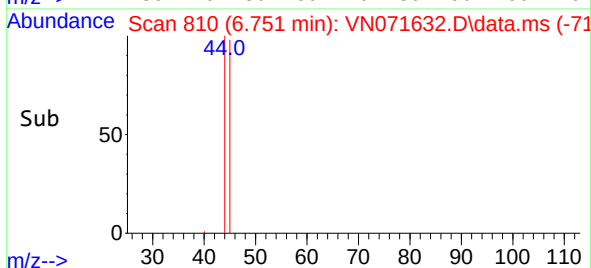
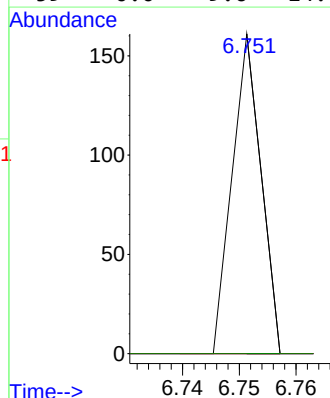
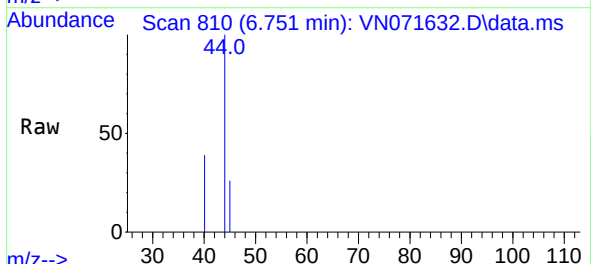
Ion	Ratio	Lower	Upper
84	100		
49	111.8	88.3	132.5
51	34.4	28.2	42.2
86	59.4	50.6	76.0

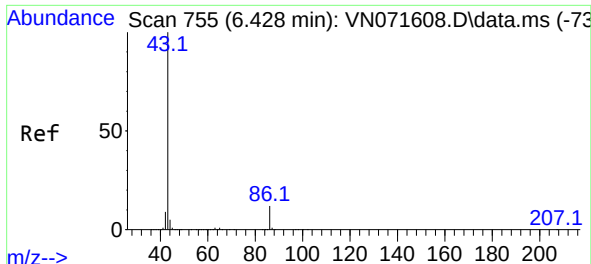


#22
Diisopropyl ether
Concen: 0.002 ug/l
RT: 6.751 min Scan# 810
Delta R.T. 0.265 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Tgt Ion: 45 Resp: 57

Ion	Ratio	Lower	Upper
45	100		
43	0.0	46.6	70.0#
87	0.0	24.3	36.5#
59	0.0	9.6	14.4#

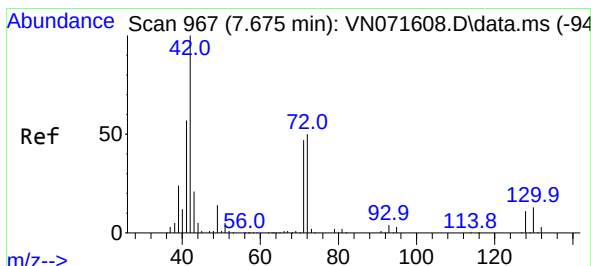
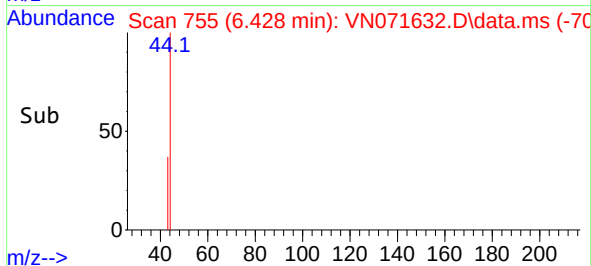
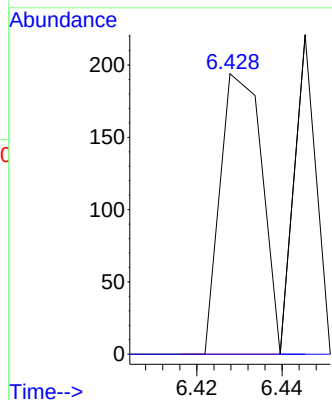
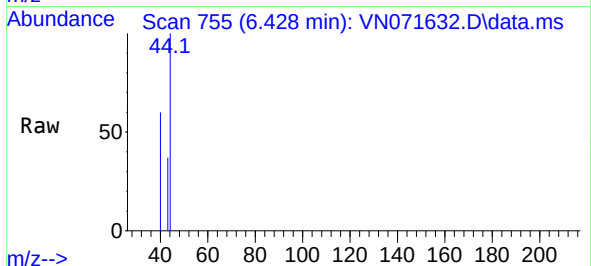




#23
 Vinyl Acetate
 Concen: 0.007 ug/l
 RT: 6.428 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN071632.D
 Acq: 29 Mar 2022 15:19

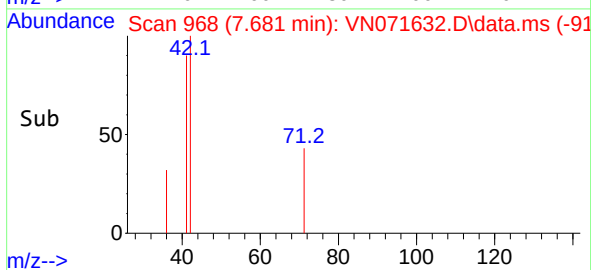
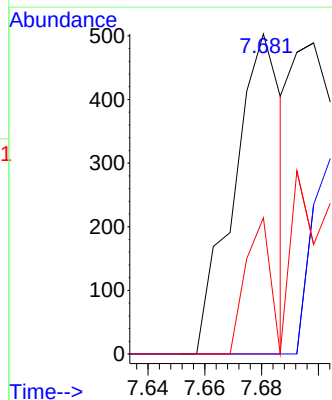
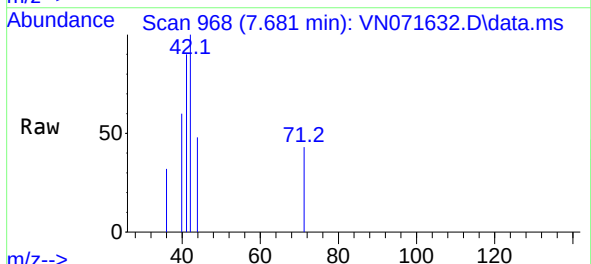
Instrument :
 MSVOA_N
 ClientSampleId :
 PB143701ZHE#01

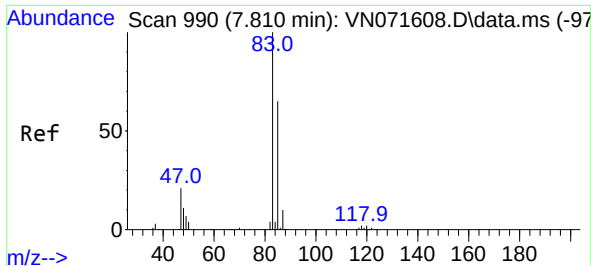
Tgt Ion: 43 Resp: 132
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#29
 Tetrahydrofuran
 Concen: 0.153 ug/l
 RT: 7.681 min Scan# 968
 Delta R.T. 0.006 min
 Lab File: VN071632.D
 Acq: 29 Mar 2022 15:19

Tgt Ion: 42 Resp: 593
 Ion Ratio Lower Upper
 42 100
 72 0.0 39.7 59.5#
 71 21.6 36.6 55.0#

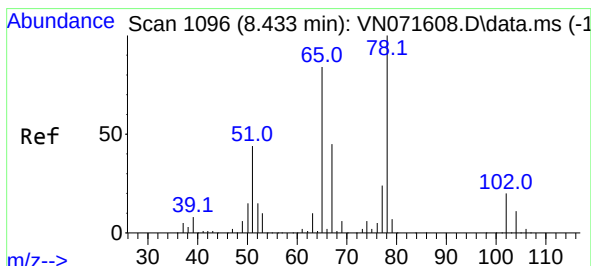
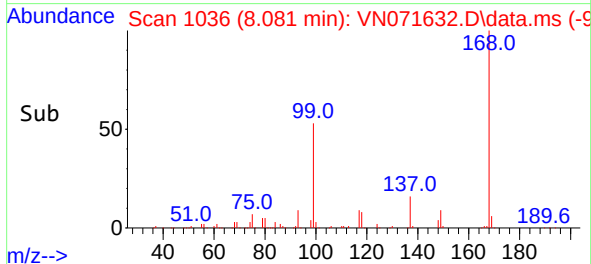
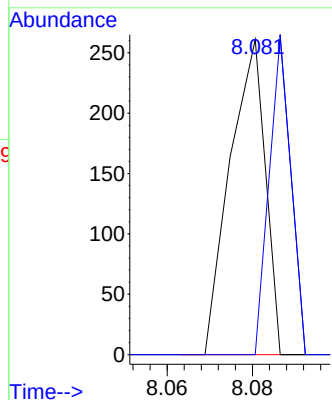
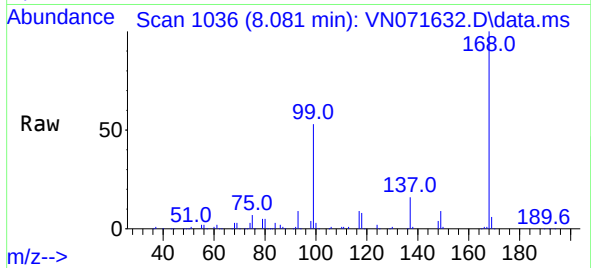




#30
Chloroform
Concen: 0.010 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. 0.271 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

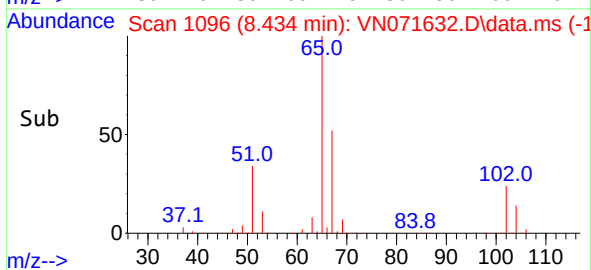
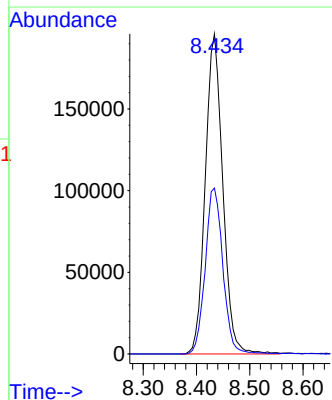
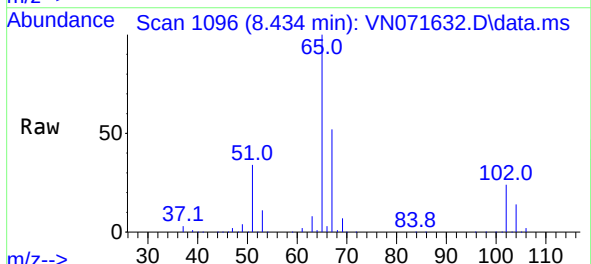
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#01

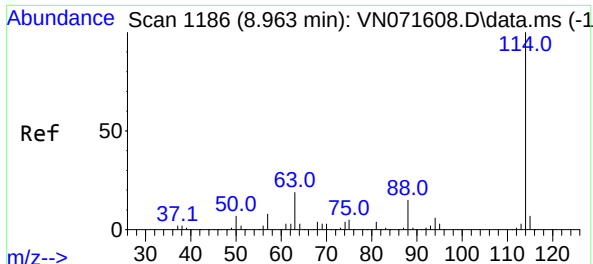
Tgt Ion: 83 Resp: 150
Ion Ratio Lower Upper
83 100
85 0.0 51.8 77.8#



#33
1,2-Dichloroethane-d4
Concen: 48.125 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Tgt Ion: 65 Resp: 446967
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8

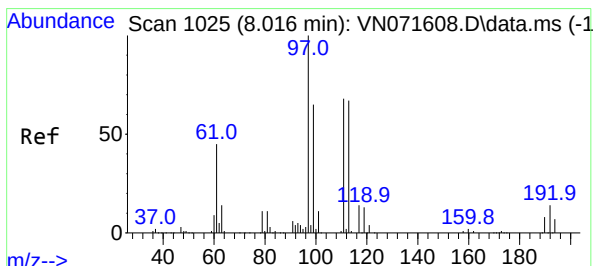
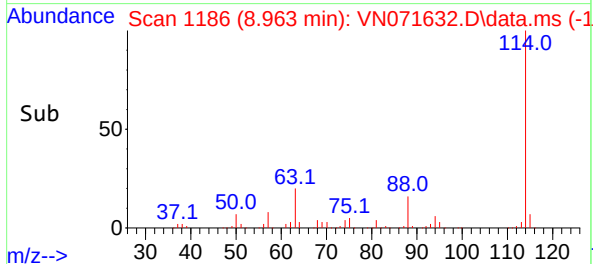
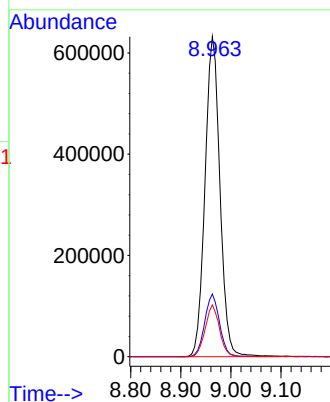
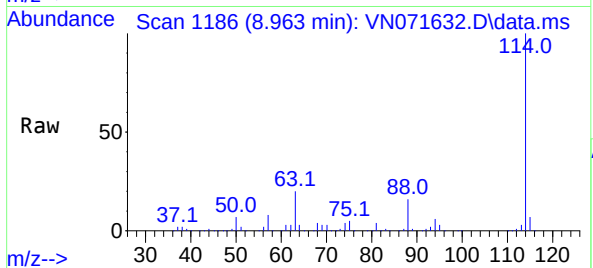




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

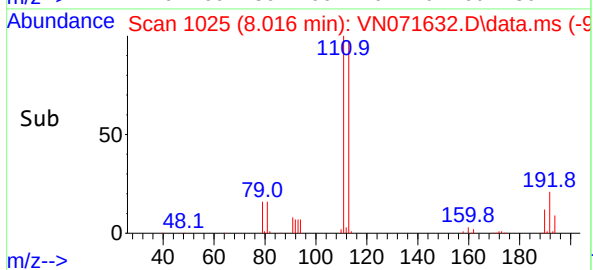
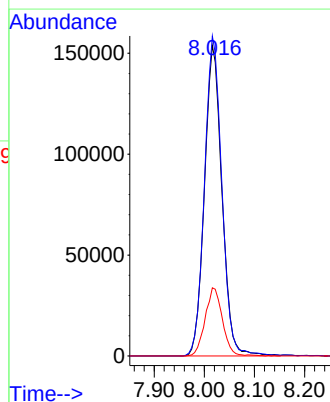
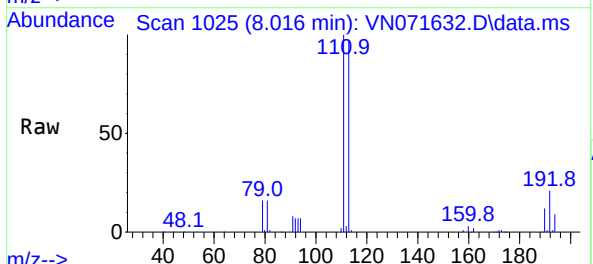
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#01

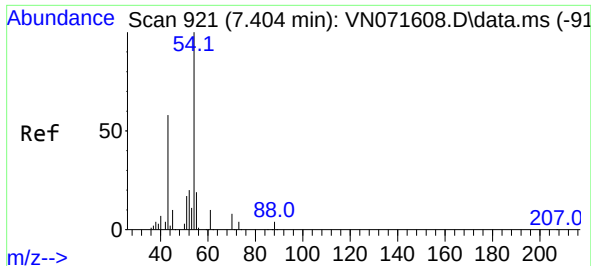
Tgt Ion:114 Resp: 1309371
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.0
88 16.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.309 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Tgt Ion:113 Resp: 372393
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 21.6 17.0 25.6

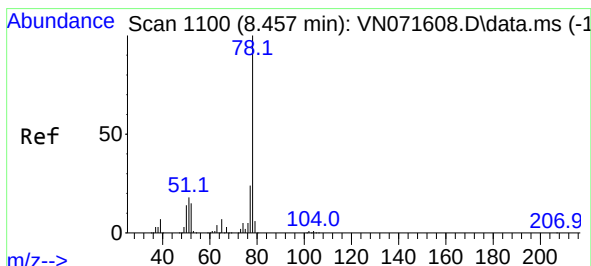
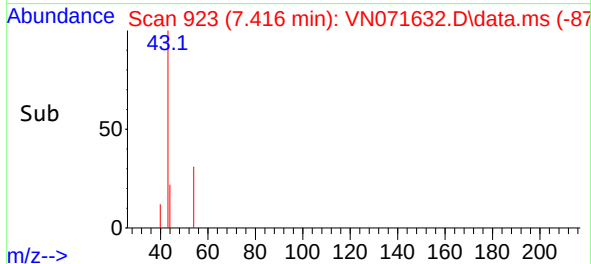
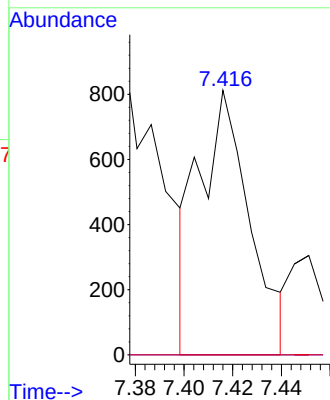
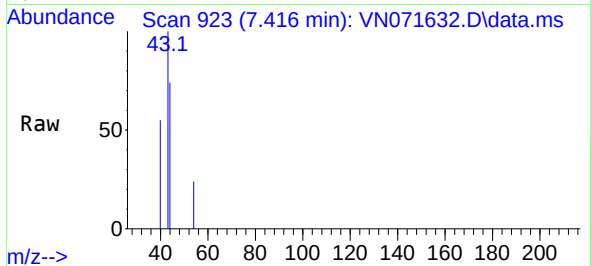




#37
Ethyl Acetate
Concen: 0.092 ug/l
RT: 7.416 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

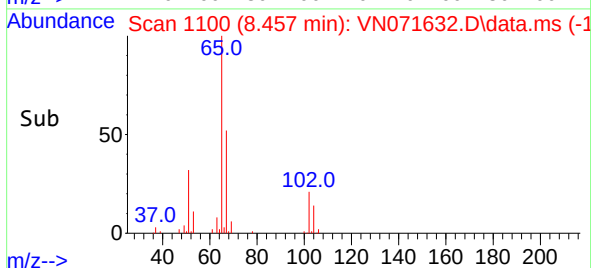
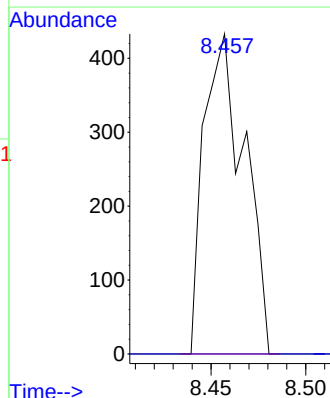
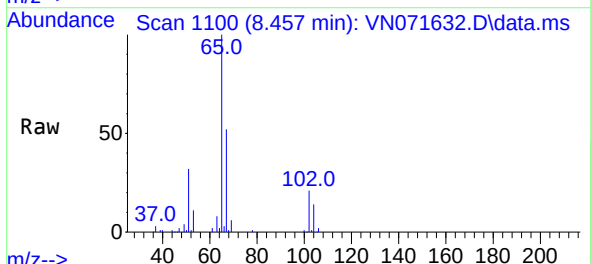
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#01

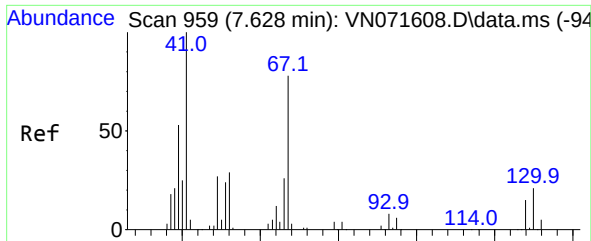
Tgt Ion: 43 Resp: 1164
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#40
Benzene
Concen: 0.018 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

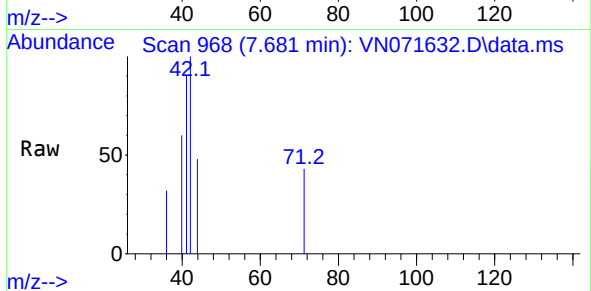
Tgt Ion: 78 Resp: 646
Ion Ratio Lower Upper
78 100
77 0.0 19.4 29.0#



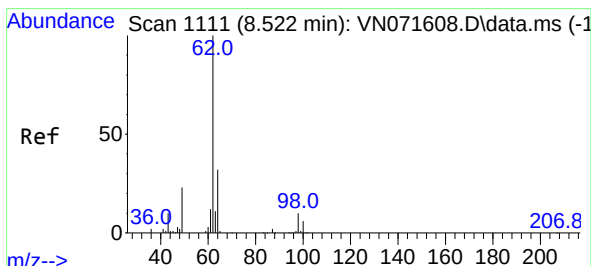
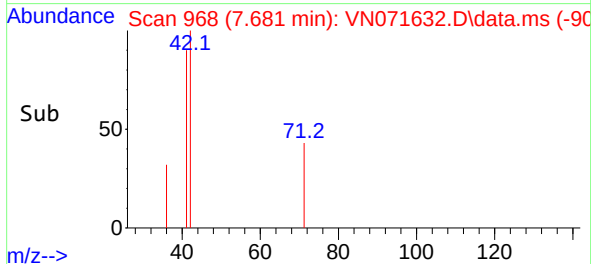
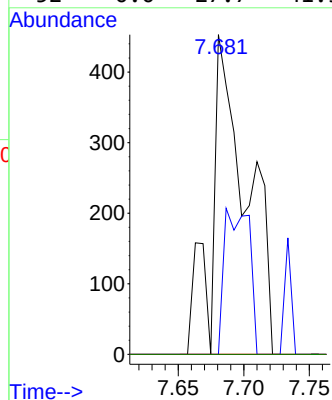


#41
Methacrylonitrile
Concen: 0.137 ug/l
RT: 7.681 min Scan# 968
Delta R.T. 0.053 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#01

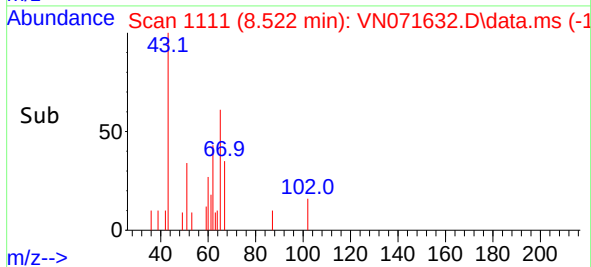
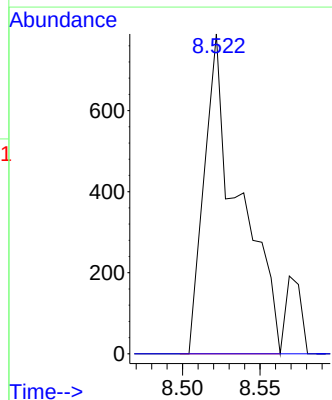
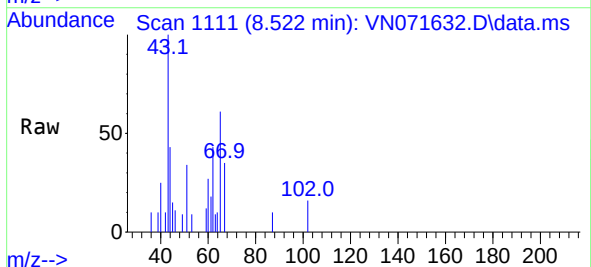


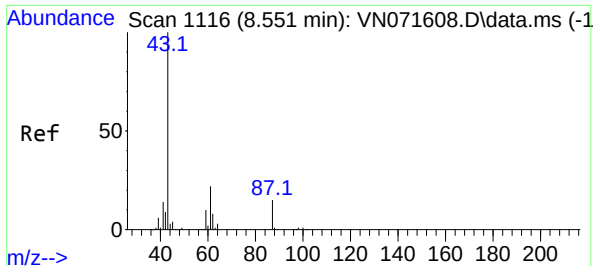
Tgt Ion:	41	Resp:	841
Ion	Ratio	Lower	Upper
41	100		
39	32.6	48.6	73.0#
67	0.0	73.4	110.2#
52	0.0	27.7	41.5#



#42
1,2-Dichloroethane
Concen: 0.101 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Tgt Ion:	62	Resp:	1234
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.4

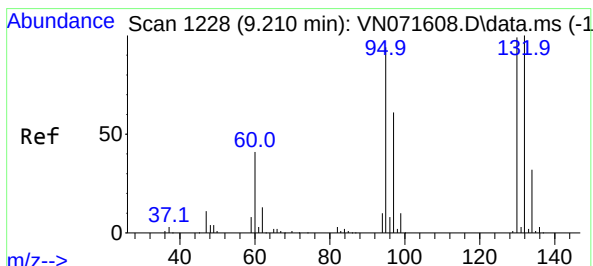
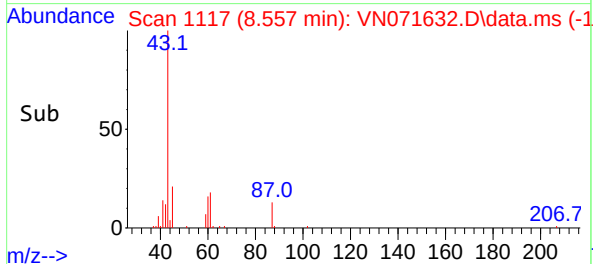
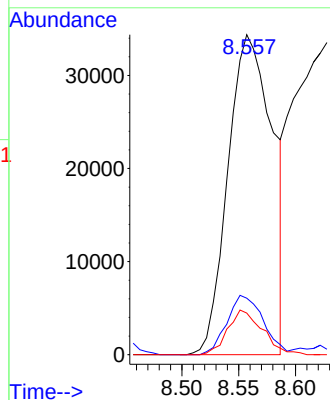
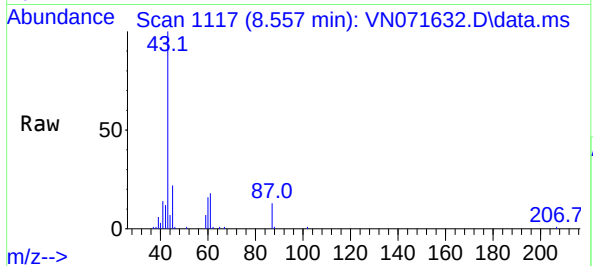




#43
Isopropyl Acetate
Concen: 4.726 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

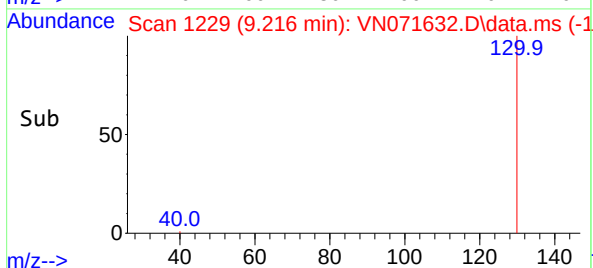
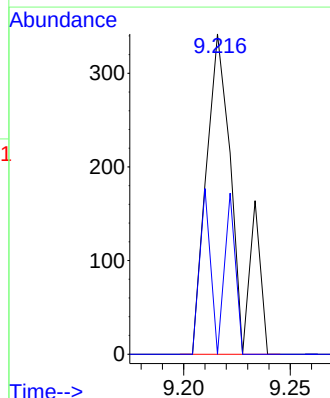
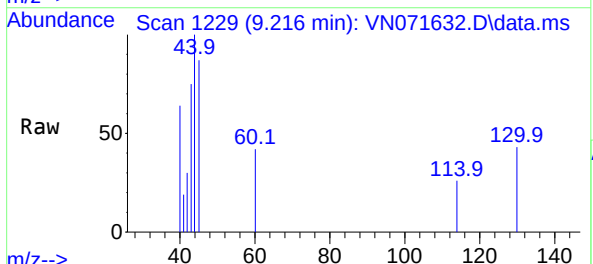
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#01

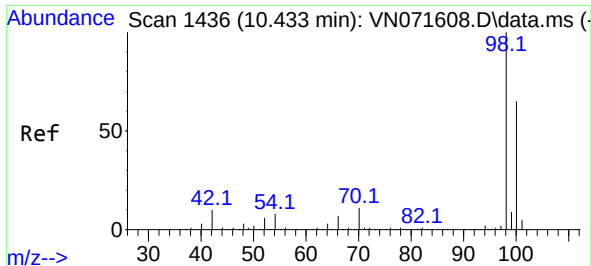
Tgt Ion: 43 Resp: 93711
Ion Ratio Lower Upper
43 100
61 15.3 21.9 32.9#
87 10.9 12.0 18.0#



#44
Trichloroethene
Concen: 0.034 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Tgt Ion: 130 Resp: 319
Ion Ratio Lower Upper
130 100
95 0.0 0.0 186.8

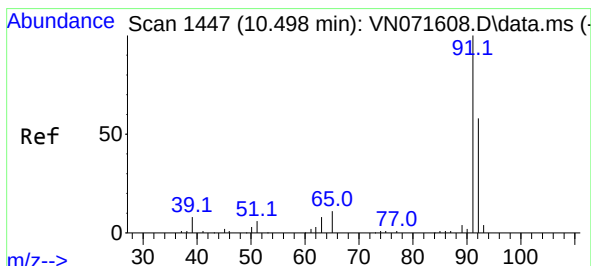
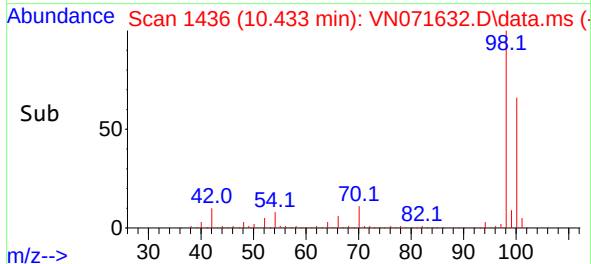
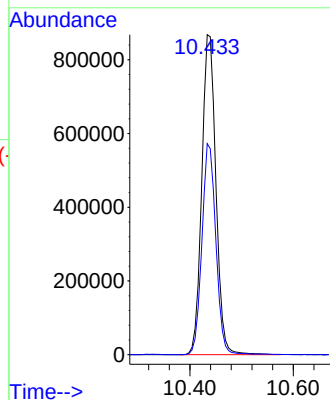
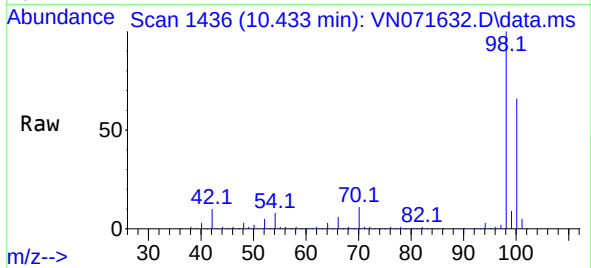




#50
Toluene-d8
Concen: 49.651 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. 0.000 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

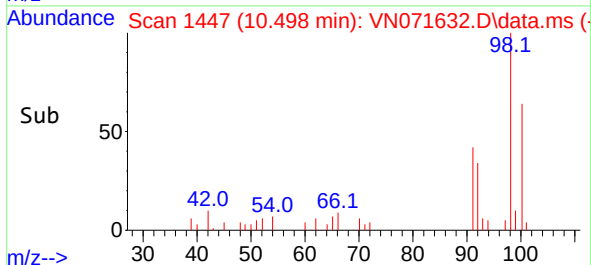
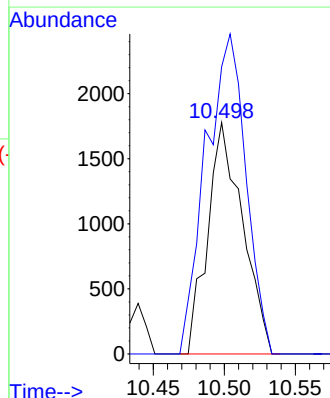
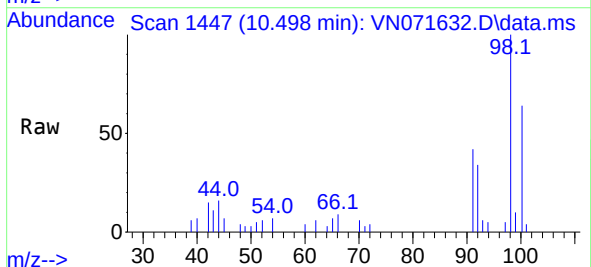
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#01

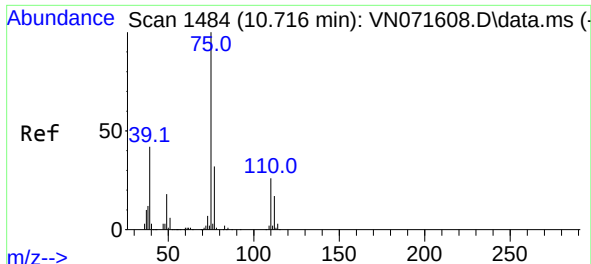
Tgt Ion: 98 Resp: 1646946
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#52
Toluene
Concen: 0.133 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Tgt Ion: 92 Resp: 3042
Ion Ratio Lower Upper
92 100
91 158.3 138.6 207.8

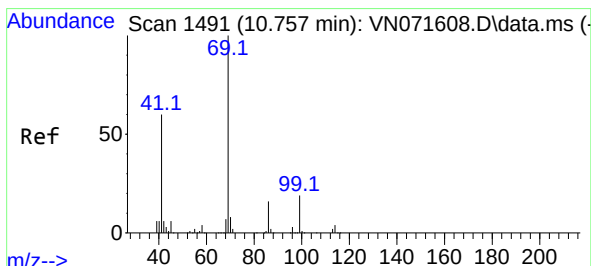
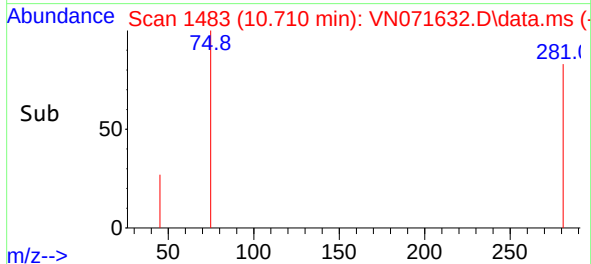
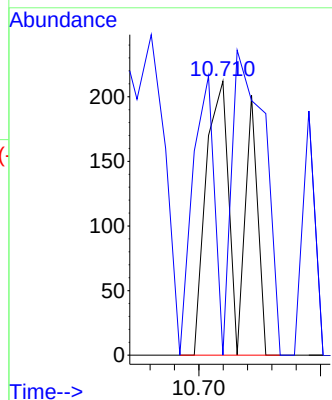
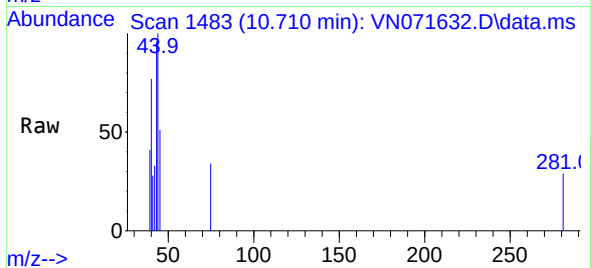




#53
t-1,3-Dichloropropene
Concen: 0.016 ug/l
RT: 10.710 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

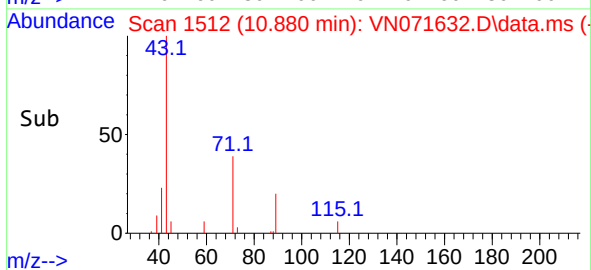
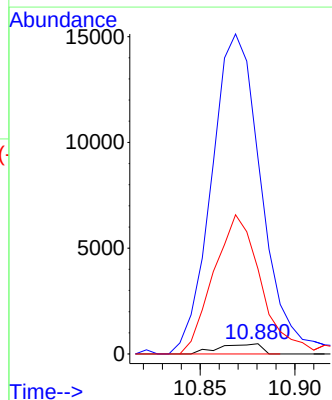
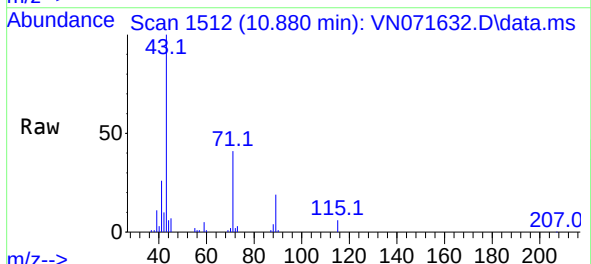
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#01

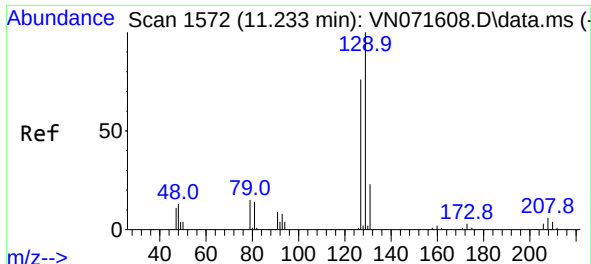
Tgt Ion: 75 Resp: 206
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#



#56
Ethyl methacrylate
Concen: 0.054 ug/l
RT: 10.880 min Scan# 1512
Delta R.T. 0.124 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Tgt Ion: 69 Resp: 735
Ion Ratio Lower Upper
69 100
41 3796.9 47.8 71.6#
39 1558.8 27.3 40.9#

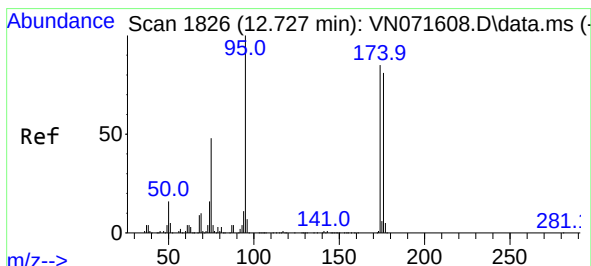
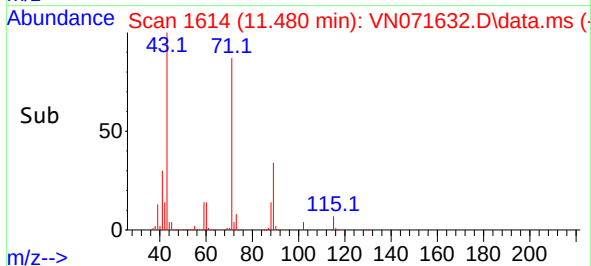
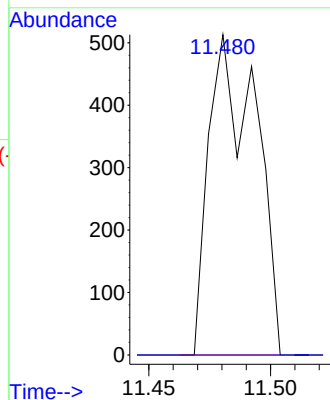
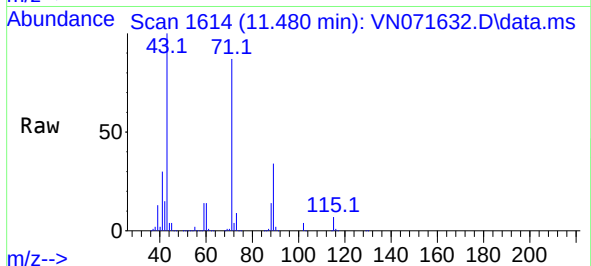




#60
Dibromochloromethane
Concen: 0.074 ug/l
RT: 11.480 min Scan# 11
Delta R.T. 0.247 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

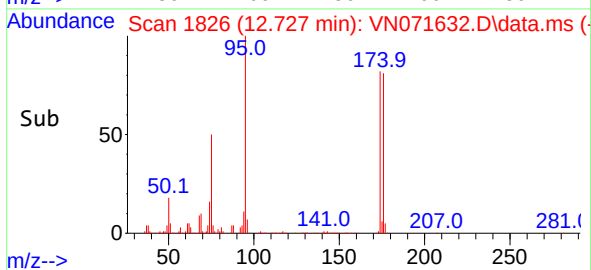
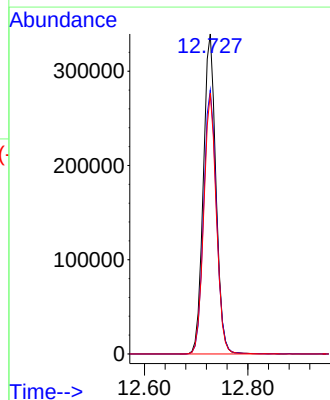
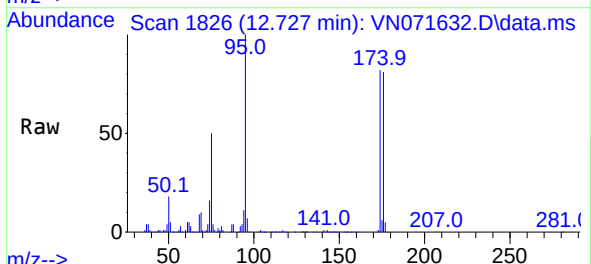
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#01

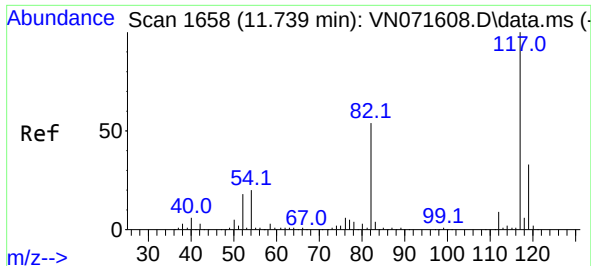
Tgt Ion:129 Resp: 686
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 52.990 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Tgt Ion: 95 Resp: 573400
Ion Ratio Lower Upper
95 100
174 84.3 0.0 167.6
176 81.4 0.0 163.4

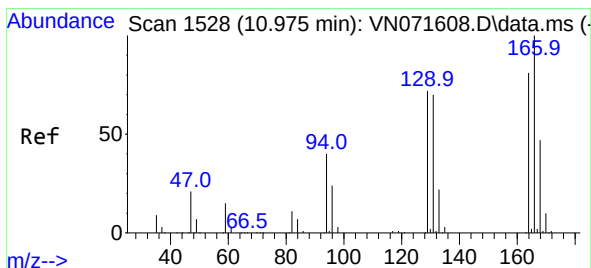
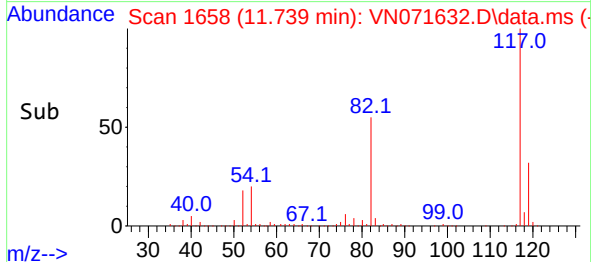
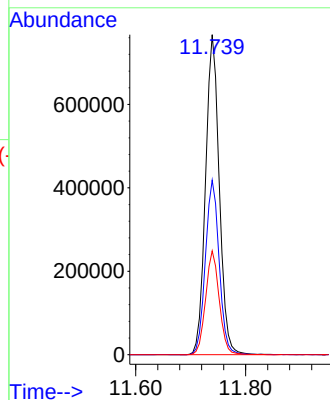
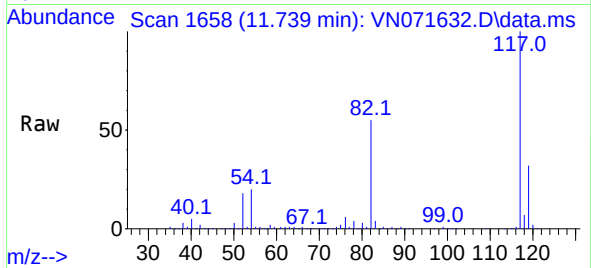




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

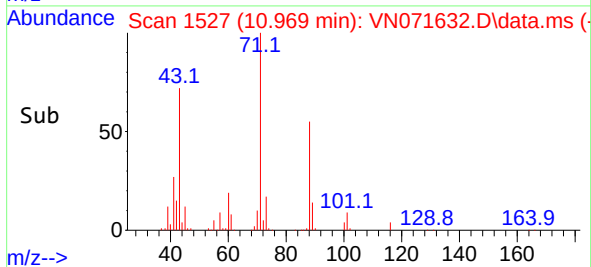
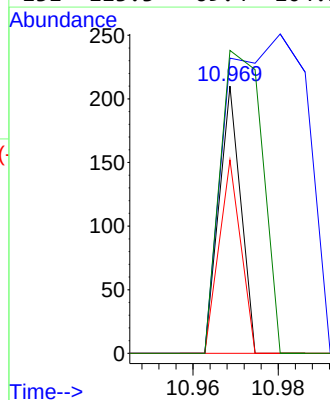
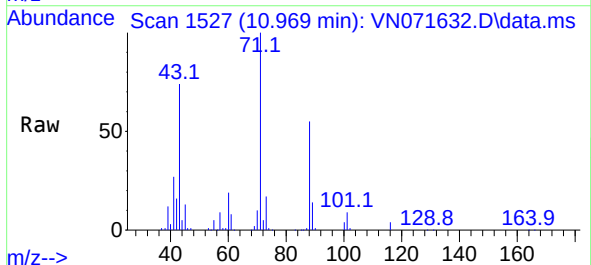
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#01

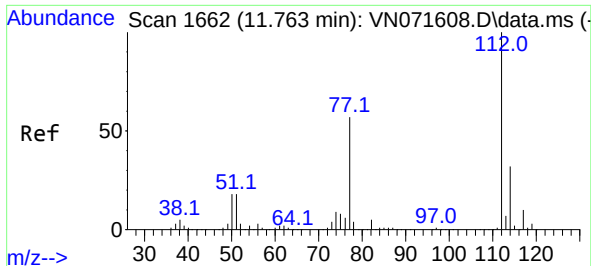
Tgt Ion:117 Resp: 1329929
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 0.008 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.006 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Tgt Ion:164 Resp: 74
Ion Ratio Lower Upper
164 100
166 110.5 104.2 156.2
129 72.4 73.9 110.9#
131 113.3 69.4 104.2#

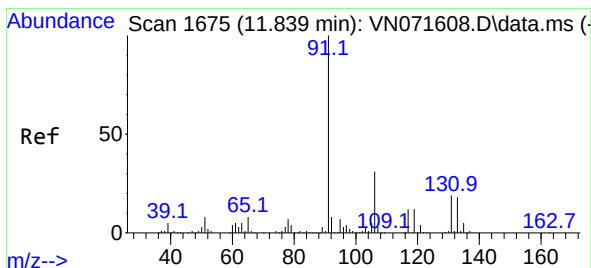
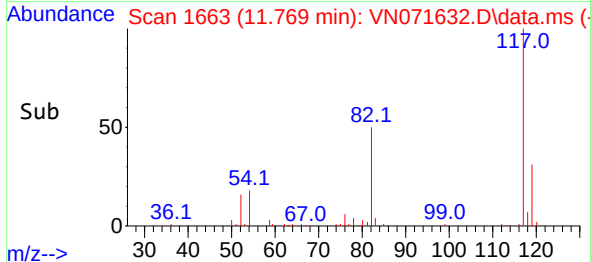
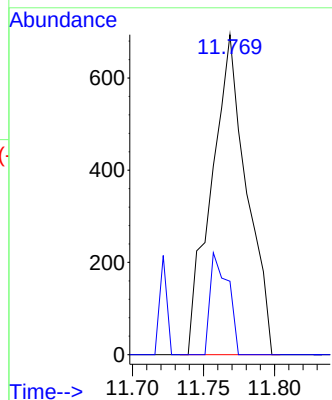
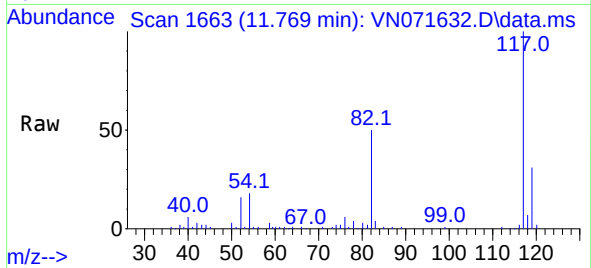




#65
Chlorobenzene
Concen: 0.043 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

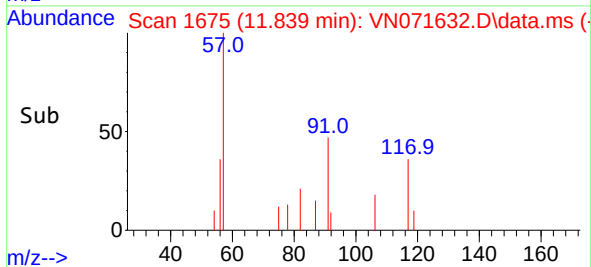
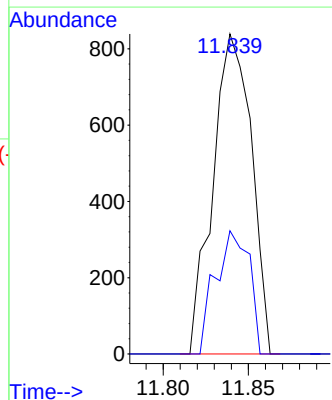
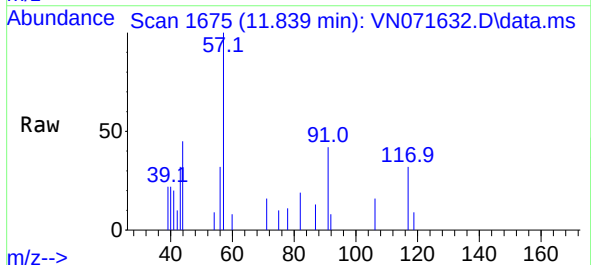
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#01

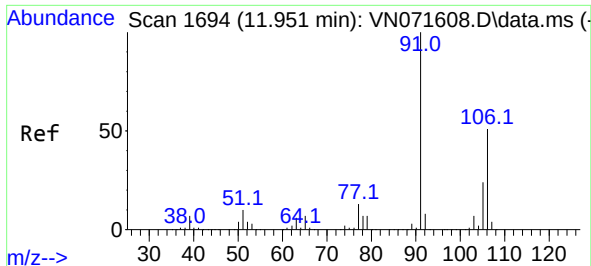
Tgt Ion:112 Resp: 1196
Ion Ratio Lower Upper
112 100
114 22.9 25.4 38.2#



#67
Ethyl Benzene
Concen: 0.028 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Tgt Ion: 91 Resp: 1326
Ion Ratio Lower Upper
91 100
106 38.5 24.9 37.3#

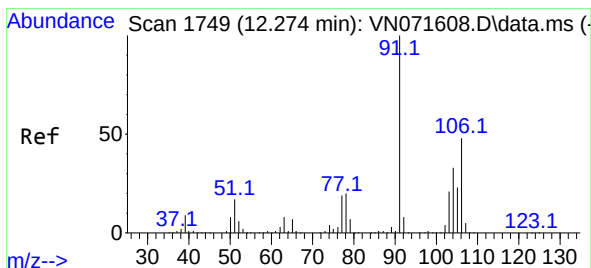
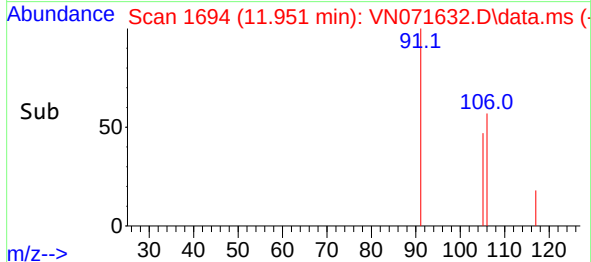
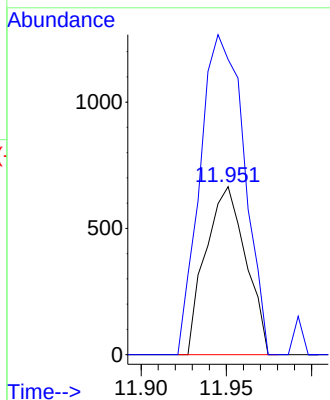
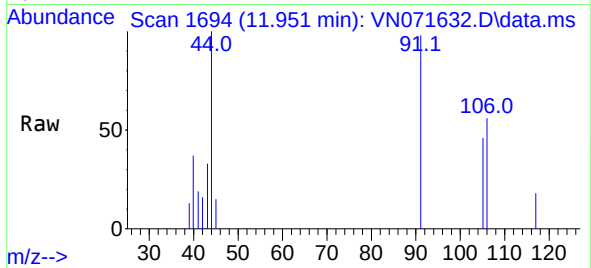




#68
m/p-Xylenes
Concen: 0.060 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

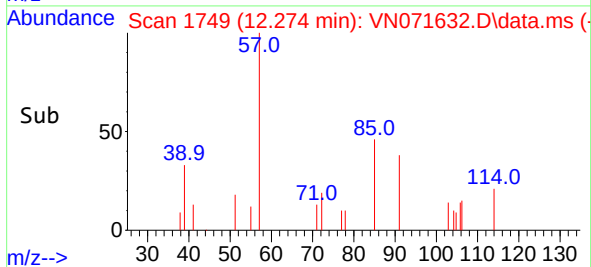
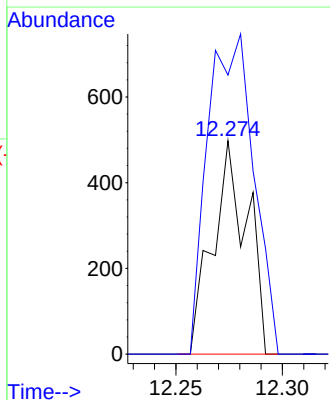
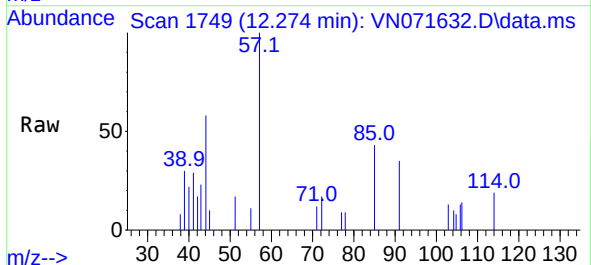
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#01

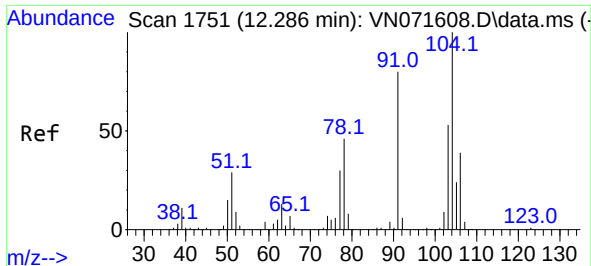
Tgt Ion:106 Resp: 1091
Ion Ratio Lower Upper
106 100
91 209.9 158.9 238.3



#69
o-Xylene
Concen: 0.031 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Tgt Ion:106 Resp: 564
Ion Ratio Lower Upper
106 100
91 199.1 106.0 318.0

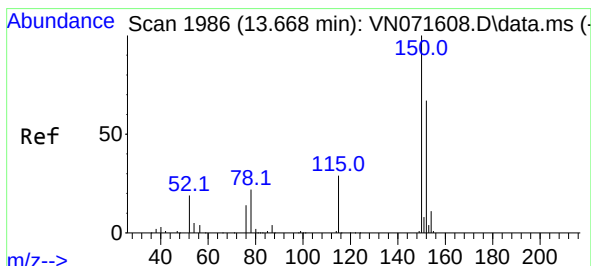
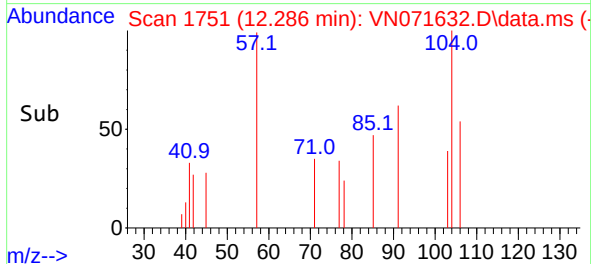
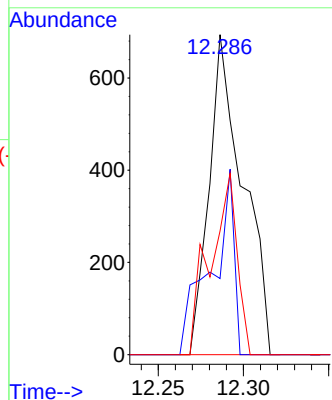
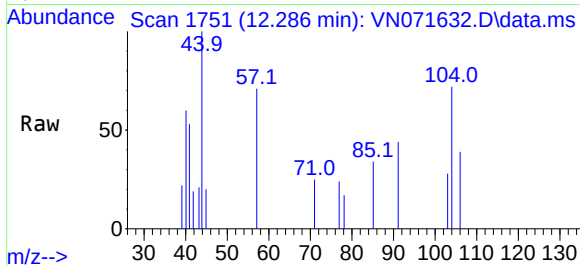




#70
 Styrene
 Concen: 0.034 ug/l
 RT: 12.286 min Scan# 1751
 Delta R.T. 0.000 min
 Lab File: VN071632.D
 Acq: 29 Mar 2022 15:19

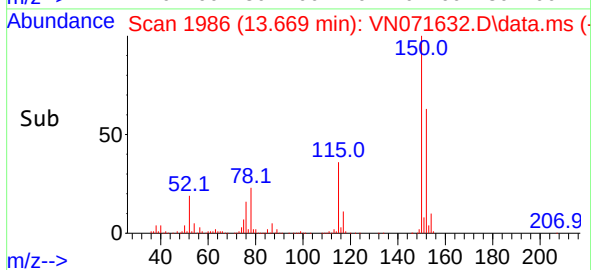
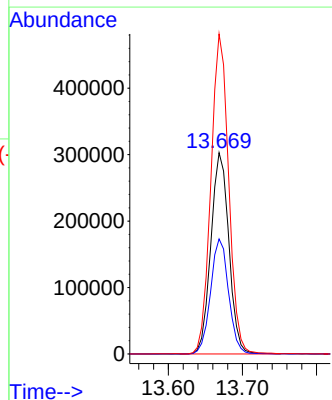
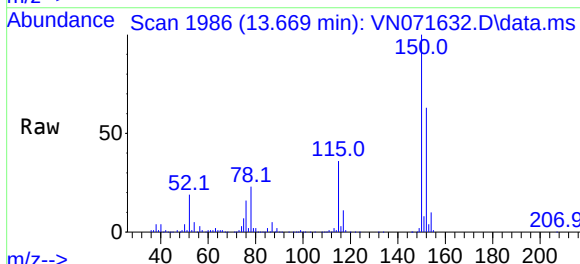
Instrument :
 MSVOA_N
 ClientSampleId :
 PB143701ZHE#01

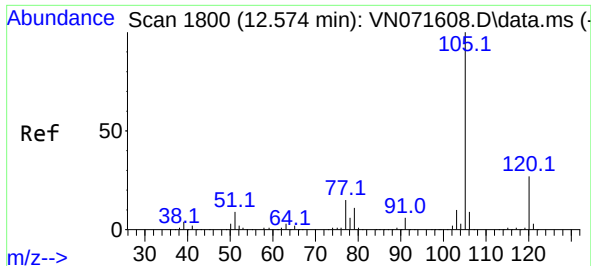
Tgt Ion:	104	Resp:	960
Ion Ratio	Lower	Upper	
104	100		
78	39.0	39.5	59.3#
103	44.9	44.0	66.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.669 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN071632.D
 Acq: 29 Mar 2022 15:19

Tgt Ion:	152	Resp:	511255
Ion Ratio	Lower	Upper	
152	100		
115	57.1	28.9	86.7
150	157.1	0.0	356.2

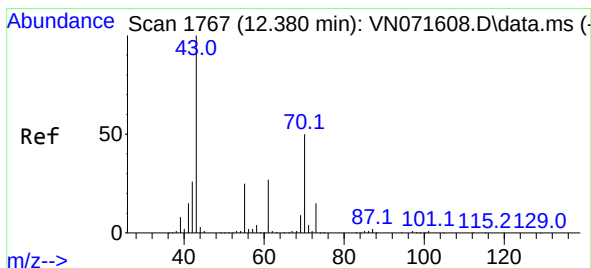
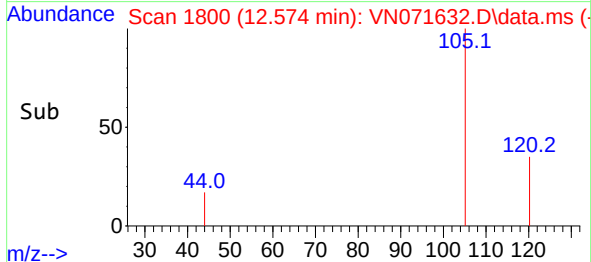
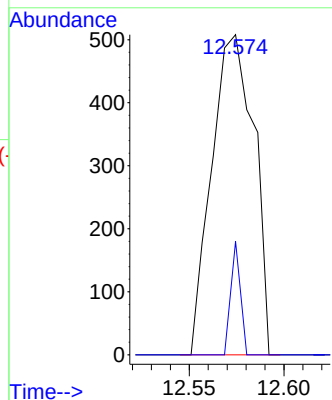
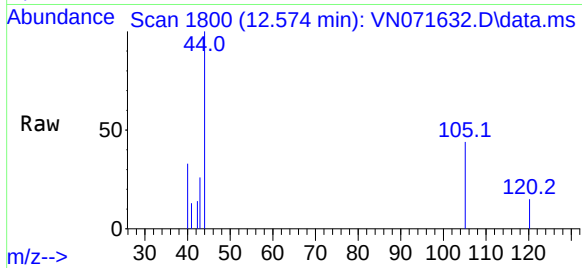




#73
Isopropylbenzene
Concen: 0.018 ug/l
RT: 12.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

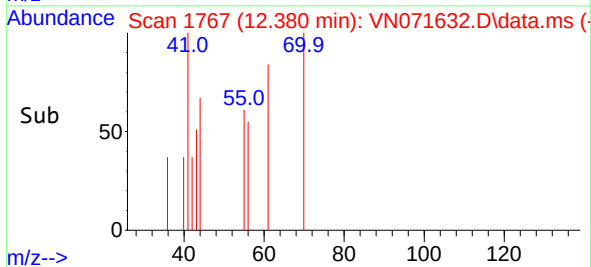
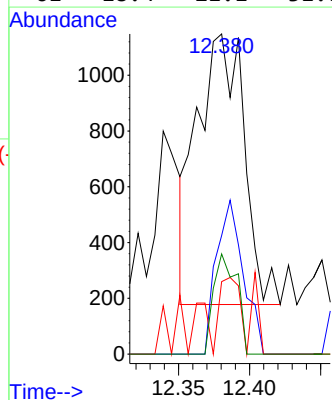
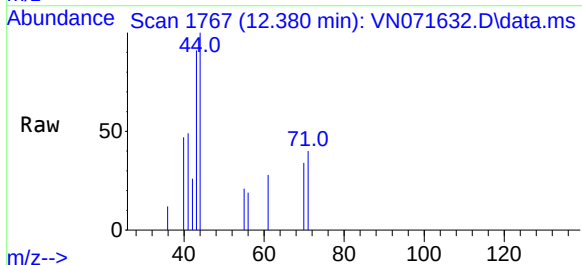
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#01

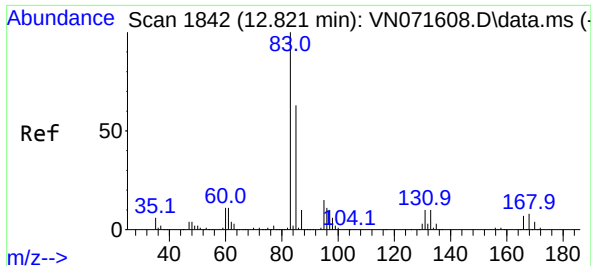
Tgt Ion:105 Resp: 788
Ion Ratio Lower Upper
105 100
120 8.1 13.5 40.4#



#74
N-ethyl acetate
Concen: 0.164 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Tgt Ion: 43 Resp: 2222
Ion Ratio Lower Upper
43 100
70 32.8 39.0 58.4#
55 12.4 21.1 31.7#
61 18.4 21.1 31.7#

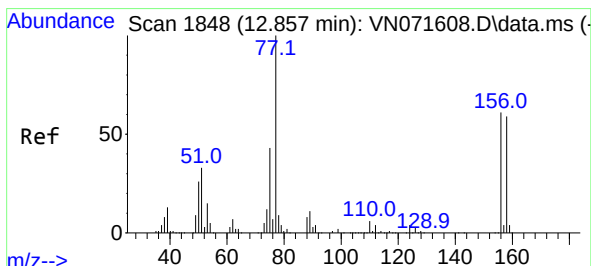
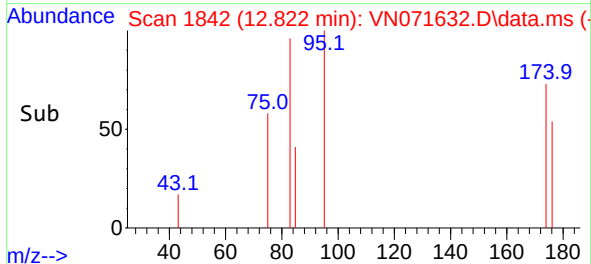
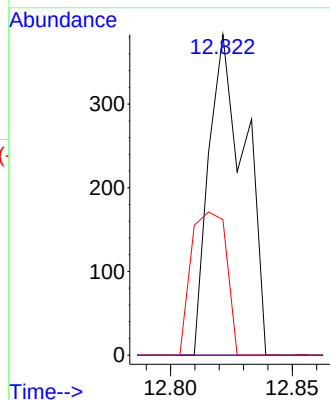
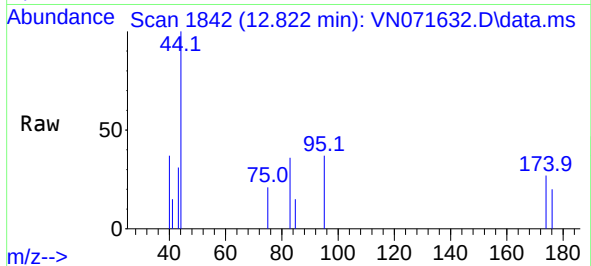




#75
1,1,2,2-Tetrachloroethane
Concen: 0.027 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

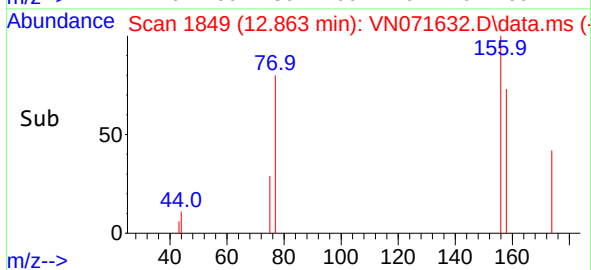
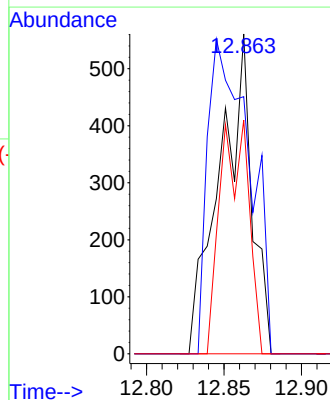
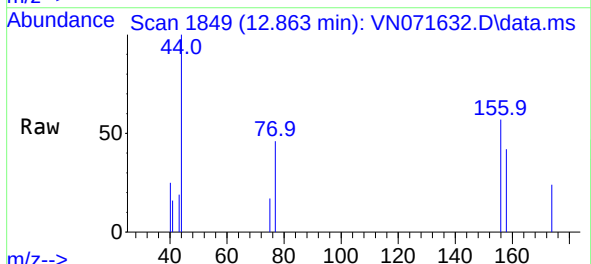
Instrument :
MSVOA_N
ClientSampleId :
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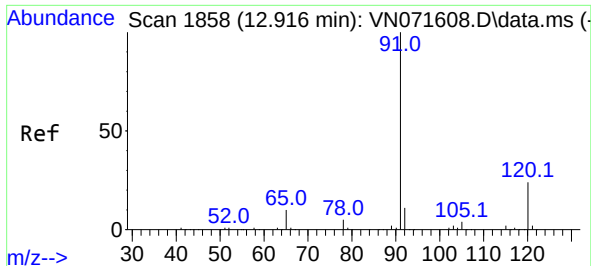
Tgt Ion: 83 Resp: 397
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 43.3 32.3 96.9



#77
Bromobenzene
Concen: 0.072 ug/l
RT: 12.863 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Tgt Ion: 156 Resp: 812
Ion Ratio Lower Upper
156 100
77 126.4 100.5 301.5
158 63.7 48.9 146.6

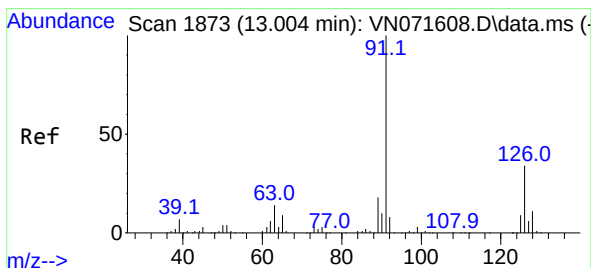
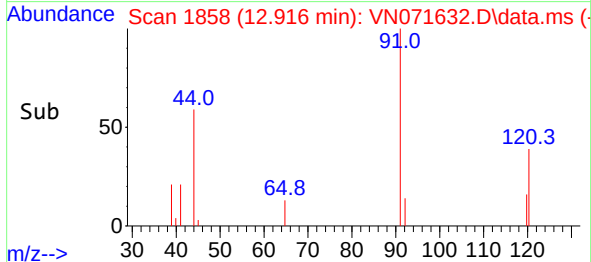
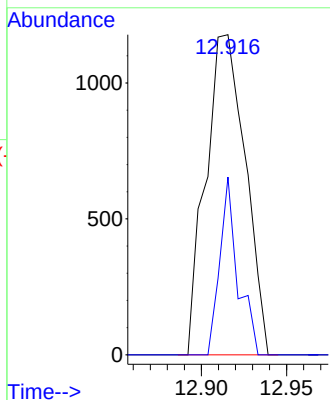
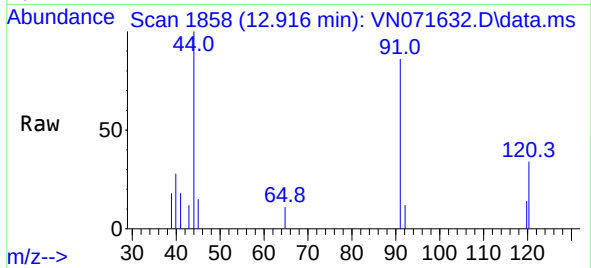




#78
n-propylbenzene
Concen: 0.039 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

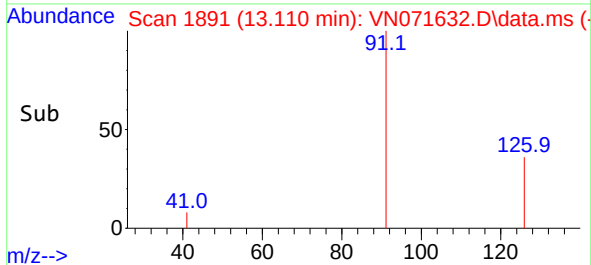
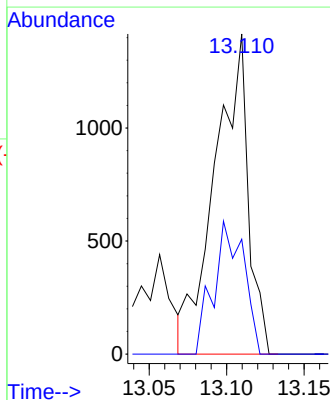
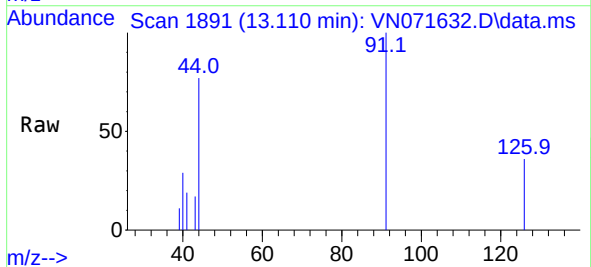
Instrument :
MSVOA_N
ClientSampleId :
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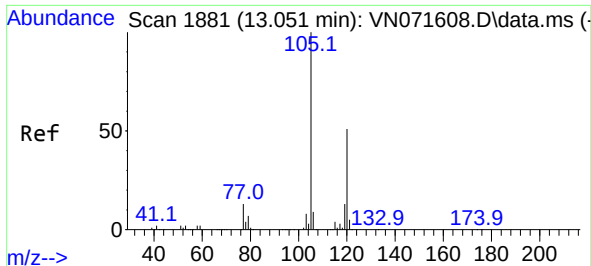
Tgt Ion: 91 Resp: 1904
Ion Ratio Lower Upper
91 100
120 25.2 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.070 ug/l
RT: 13.110 min Scan# 1891
Delta R.T. 0.106 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Tgt Ion: 91 Resp: 2106
Ion Ratio Lower Upper
91 100
126 37.7 17.3 51.9

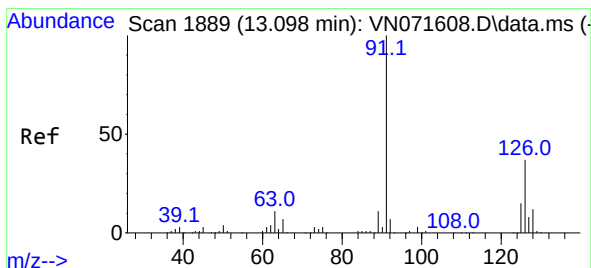
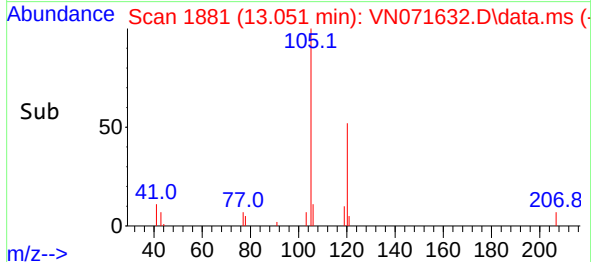
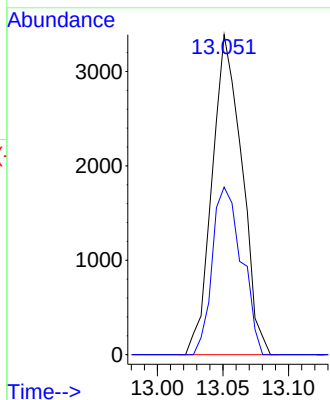
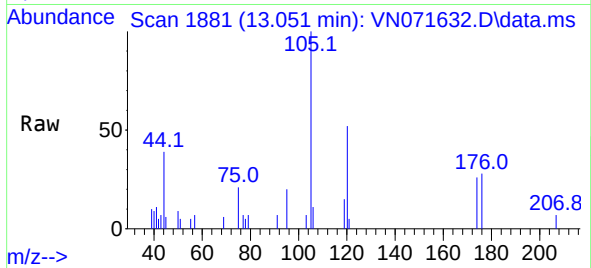




#80
1,3,5-Trimethylbenzene
Concen: 0.152 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

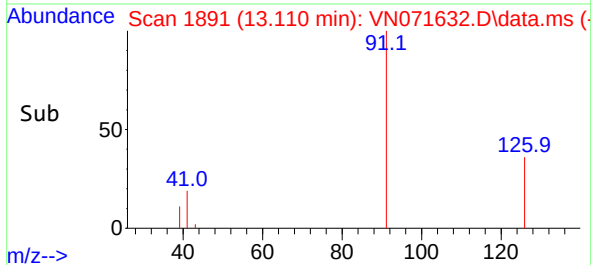
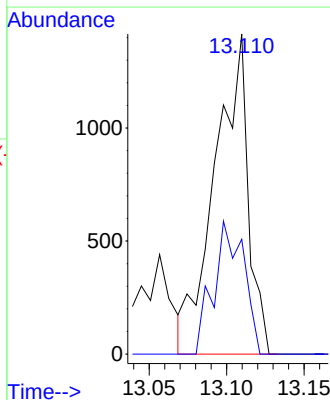
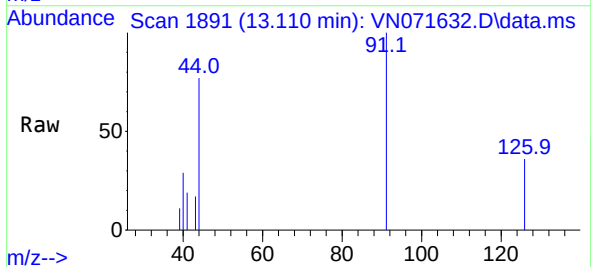
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#01

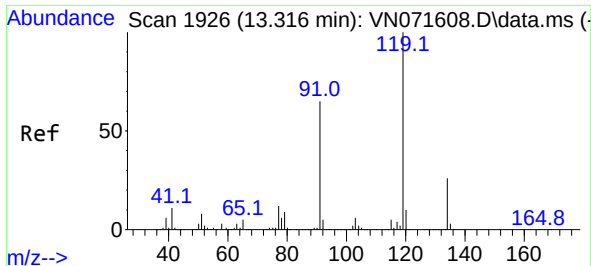
Tgt Ion:105 Resp: 5354
Ion Ratio Lower Upper
105 100
120 51.8 24.9 74.7



#82
4-Chlorotoluene
Concen: 0.075 ug/l
RT: 13.110 min Scan# 1891
Delta R.T. 0.012 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Tgt Ion: 91 Resp: 2106
Ion Ratio Lower Upper
91 100
126 37.7 17.2 51.6

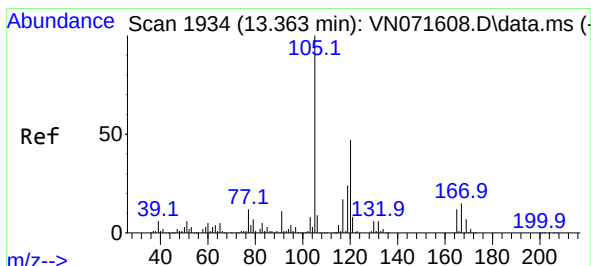
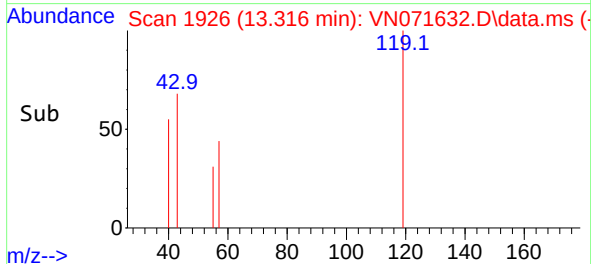
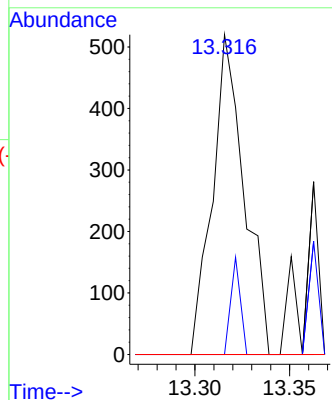
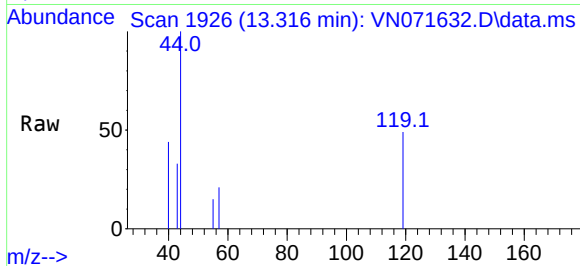




#83
tert-Butylbenzene
Concen: 0.019 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

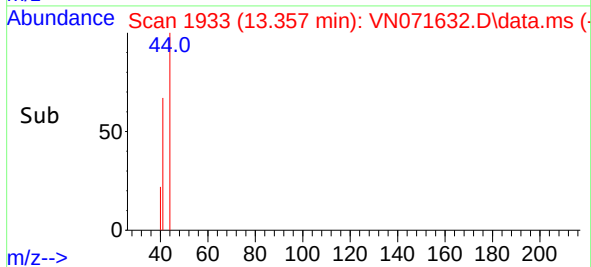
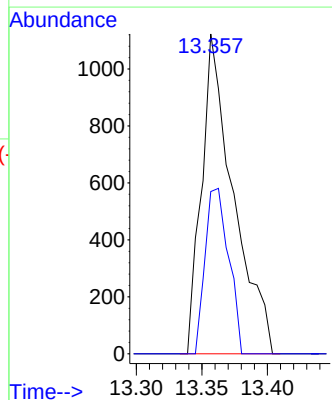
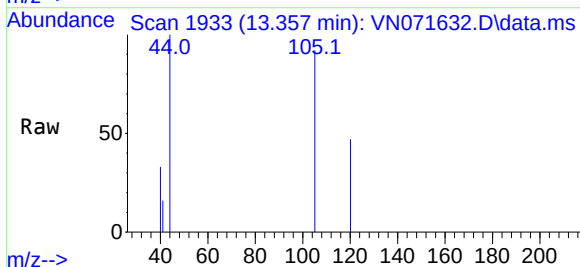
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#01

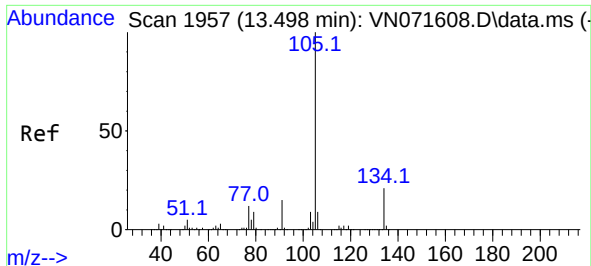
Tgt Ion:119 Resp: 609
Ion Ratio Lower Upper
119 100
91 0.0 31.6 94.8#
134 0.0 13.7 41.1#



#84
1,2,4-Trimethylbenzene
Concen: 0.055 ug/l
RT: 13.357 min Scan# 1933
Delta R.T. -0.006 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Tgt Ion:105 Resp: 1888
Ion Ratio Lower Upper
105 100
120 38.4 23.3 69.8

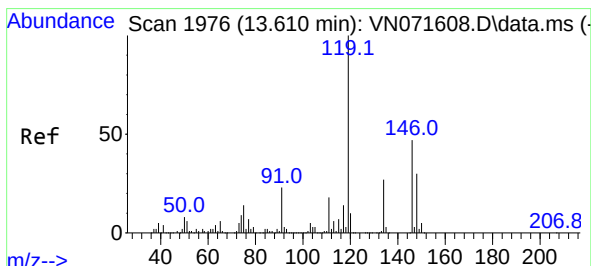
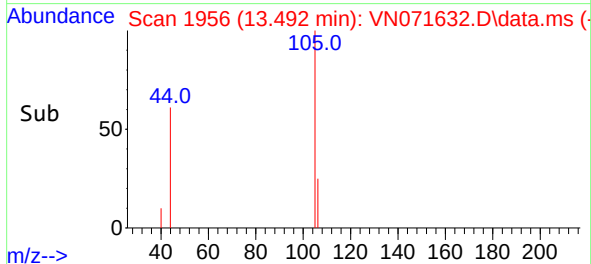
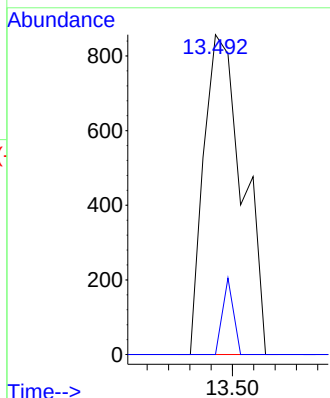
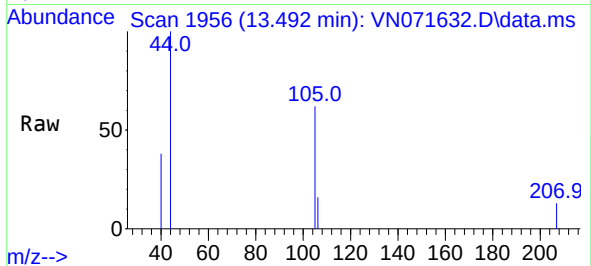




#85
 sec-Butylbenzene
 Concen: 0.025 ug/l
 RT: 13.492 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: VN071632.D
 Acq: 29 Mar 2022 15:19

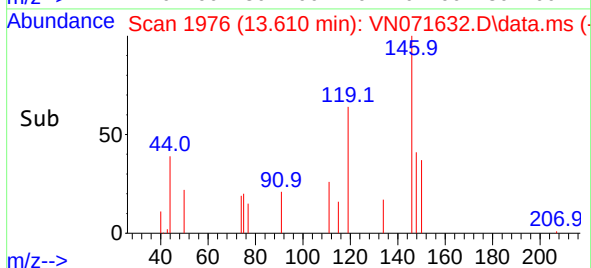
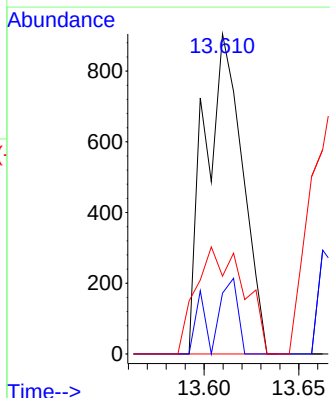
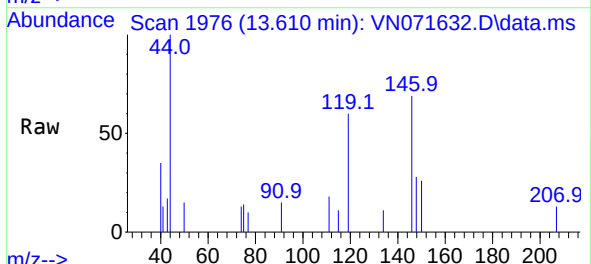
Instrument :
 MSVOA_N
 ClientSampleId :
 PB143701ZHE#01

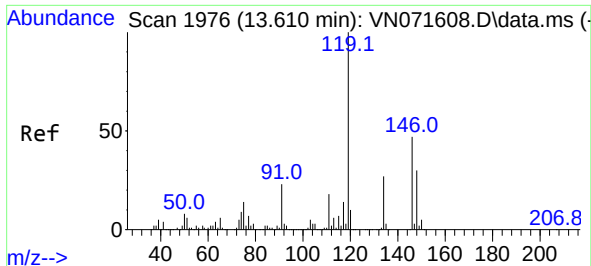
Tgt Ion:105 Resp: 1083
 Ion Ratio Lower Upper
 105 100
 134 6.6 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.037 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071632.D
 Acq: 29 Mar 2022 15:19

Tgt Ion:119 Resp: 1256
 Ion Ratio Lower Upper
 119 100
 134 15.8 13.3 39.8
 91 42.2 11.3 33.9#

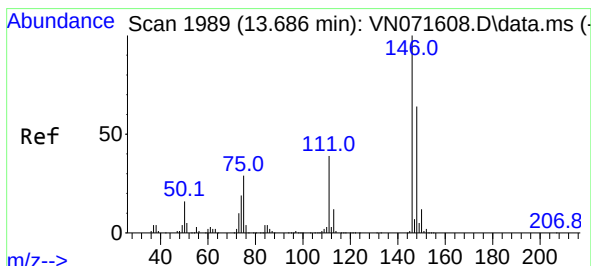
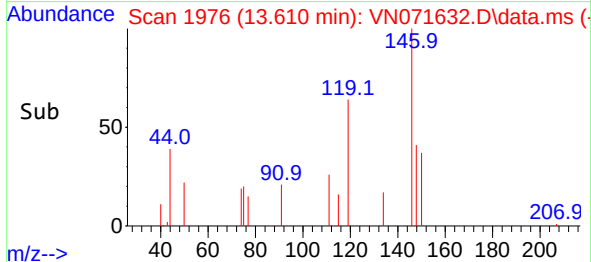
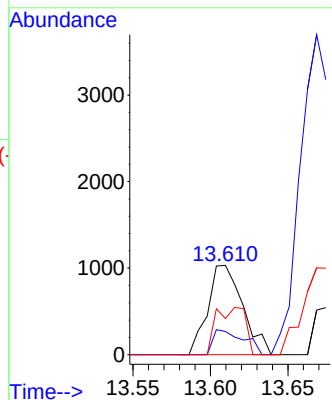
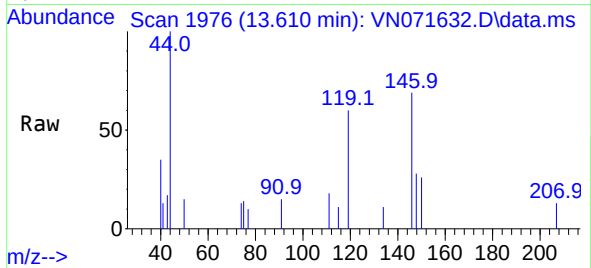




#87
1,3-Dichlorobenzene
Concen: 0.089 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

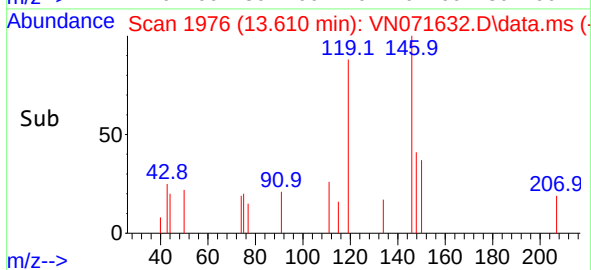
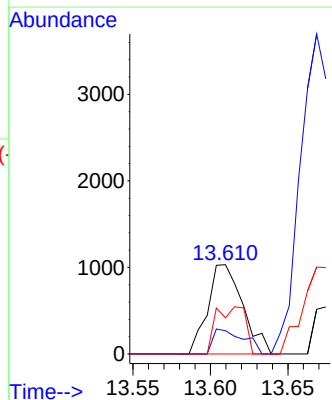
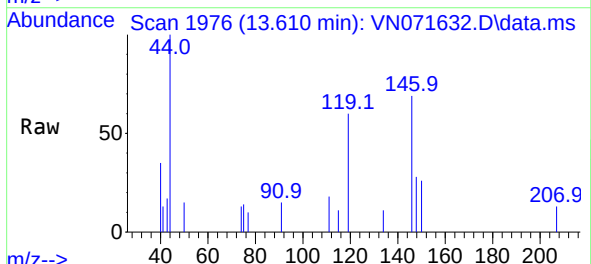
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#01

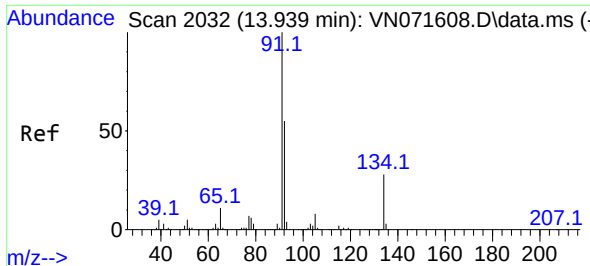
Tgt Ion:	146	Resp:	1619
Ion	Ratio	Lower	Upper
146	100		
111	24.3	20.0	60.0
148	44.2	32.0	96.0



#88
1,4-Dichlorobenzene
Concen: 0.090 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.076 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Tgt Ion:	146	Resp:	1619
Ion	Ratio	Lower	Upper
146	100		
111	24.3	19.1	57.1
148	44.2	31.4	94.3

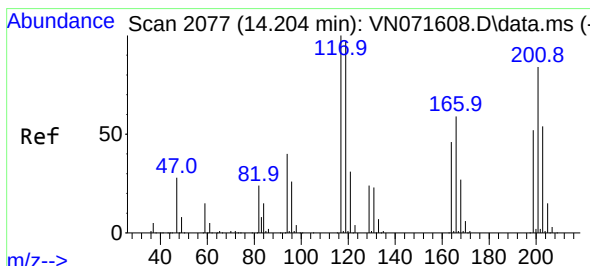
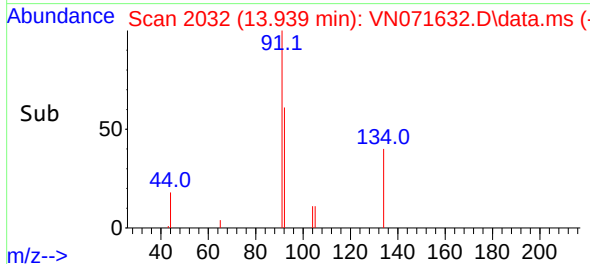
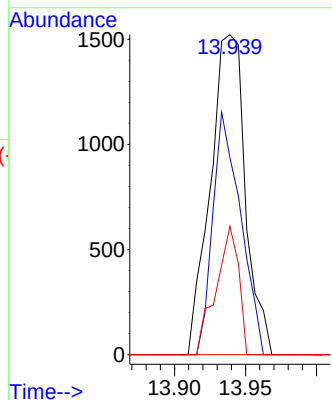
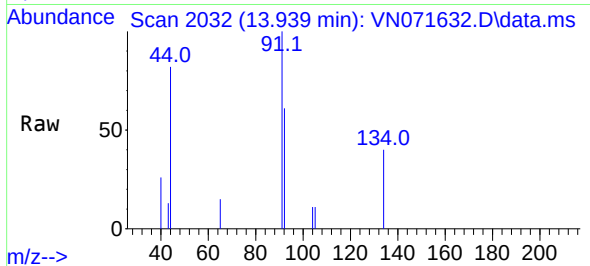




#89
n-Butylbenzene
Concen: 0.102 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

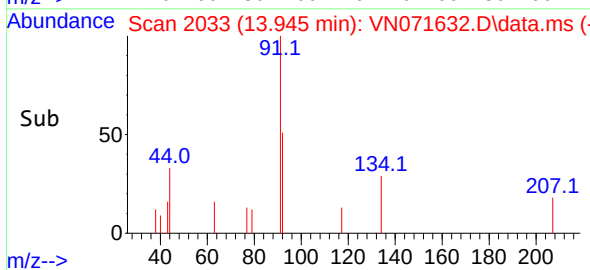
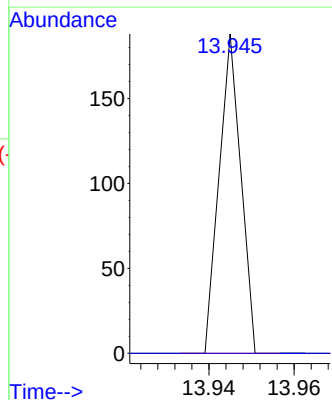
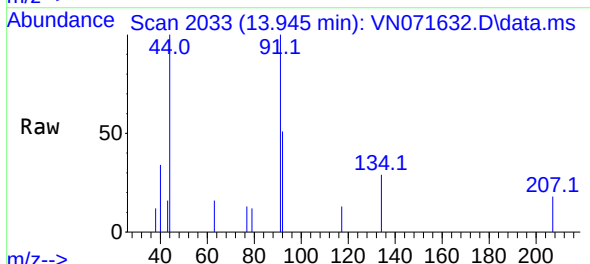
Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#01

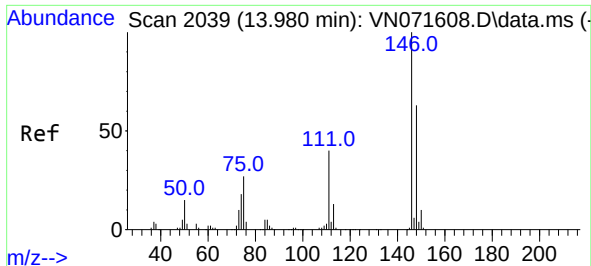
Tgt Ion:	91	Resp:	2621
Ion	Ratio	Lower	Upper
91	100		
92	59.9	26.9	80.7
134	25.9	13.6	40.8



#90
Hexachloroethane
Concen: 0.010 ug/l
RT: 13.945 min Scan# 2033
Delta R.T. -0.259 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Tgt Ion:	117	Resp:	66
Ion	Ratio	Lower	Upper
117	100		
201	0.0	40.6	122.0#





#91

1,2-Dichlorobenzene

Concen: 0.074 ug/l

RT: 13.980 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN071632.D

Acq: 29 Mar 2022 15:19

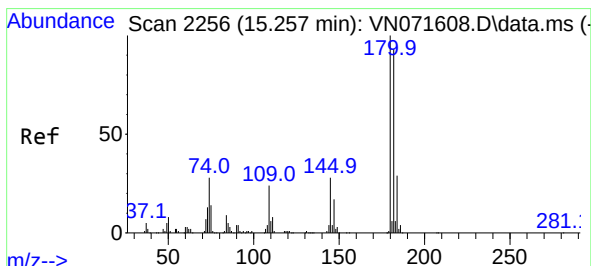
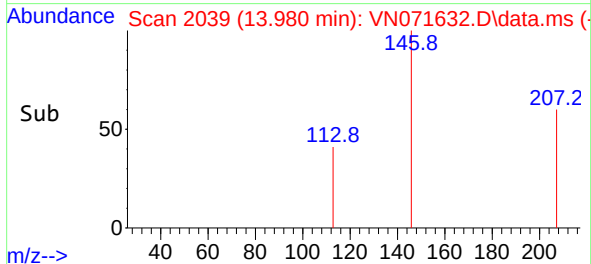
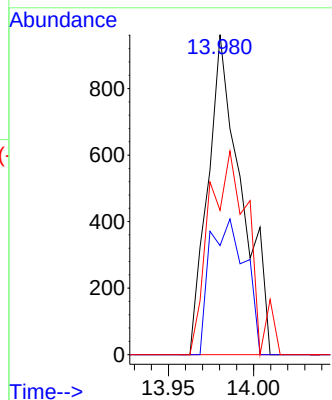
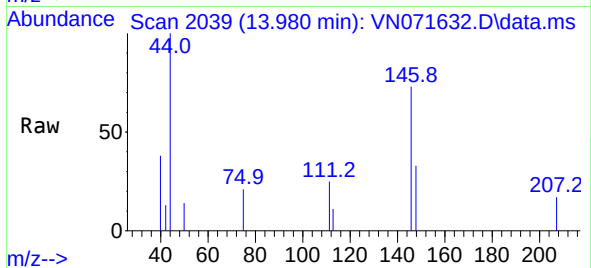
Instrument :

MSVOA_N

ClientSampleId :

PB143701ZHE#01

Tgt Ion:146	Resp:	1315
Ion Ratio	Lower	Upper
146	100	
111	44.7	20.9 62.8
148	74.5	32.1 96.3



#93

1,2,4-Trichlorobenzene

Concen: 0.197 ug/l

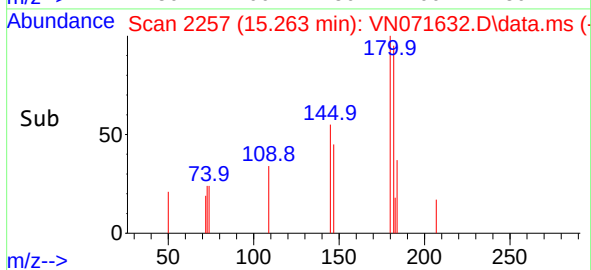
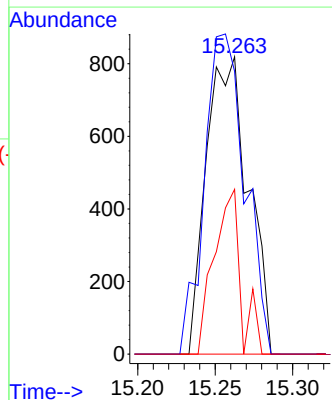
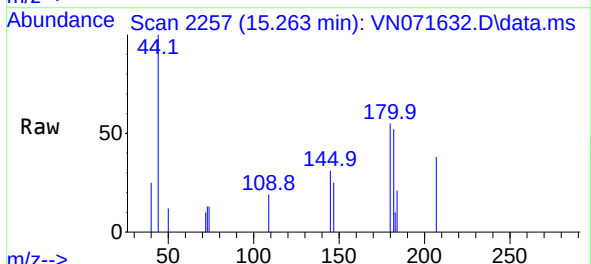
RT: 15.263 min Scan# 2257

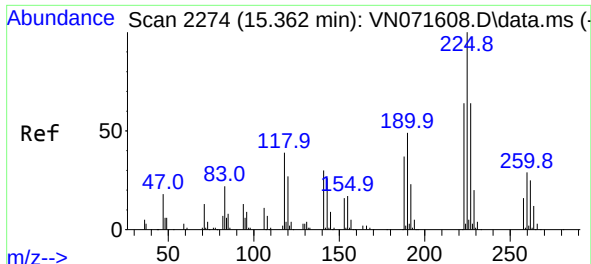
Delta R.T. 0.006 min

Lab File: VN071632.D

Acq: 29 Mar 2022 15:19

Tgt Ion:180	Resp:	1551
Ion Ratio	Lower	Upper
180	100	
182	103.7	47.5 142.5
145	34.9	14.5 43.5

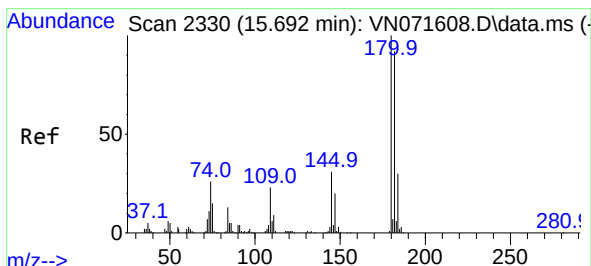
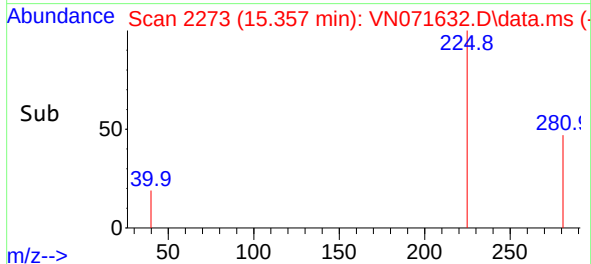
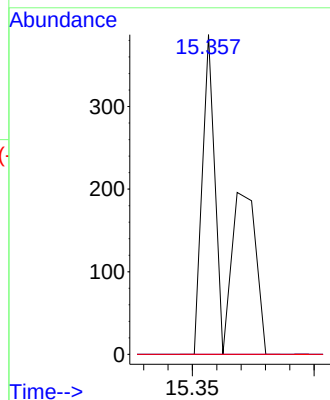
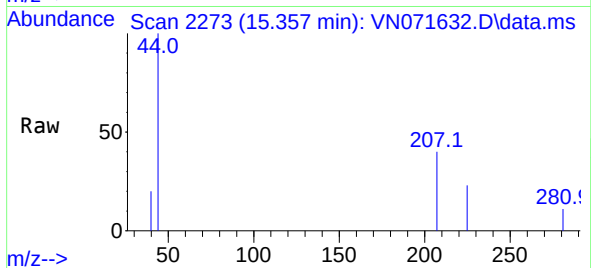




#94
Hexachlorobutadiene
Concen: 0.055 ug/l
RT: 15.357 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Instrument :
MSVOA_N
ClientSampleId :
PB143701ZHE#01

Tgt Ion:225 Resp: 271
Ion Ratio Lower Upper
225 100
223 0.0 32.4 97.2#
227 0.0 31.8 95.4#



#96
1,2,3-Trichlorobenzene
Concen: 0.190 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VN071632.D
Acq: 29 Mar 2022 15:19

Tgt Ion:180 Resp: 1493
Ion Ratio Lower Upper
180 100
182 94.3 47.8 143.3
145 29.7 15.5 46.5

