

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071550.D
 Acq On : 25 Mar 2022 16:17
 Operator : JC\MD
 Sample : PB143557ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143557ZHE#09

Quant Time: Mar 26 04:03:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

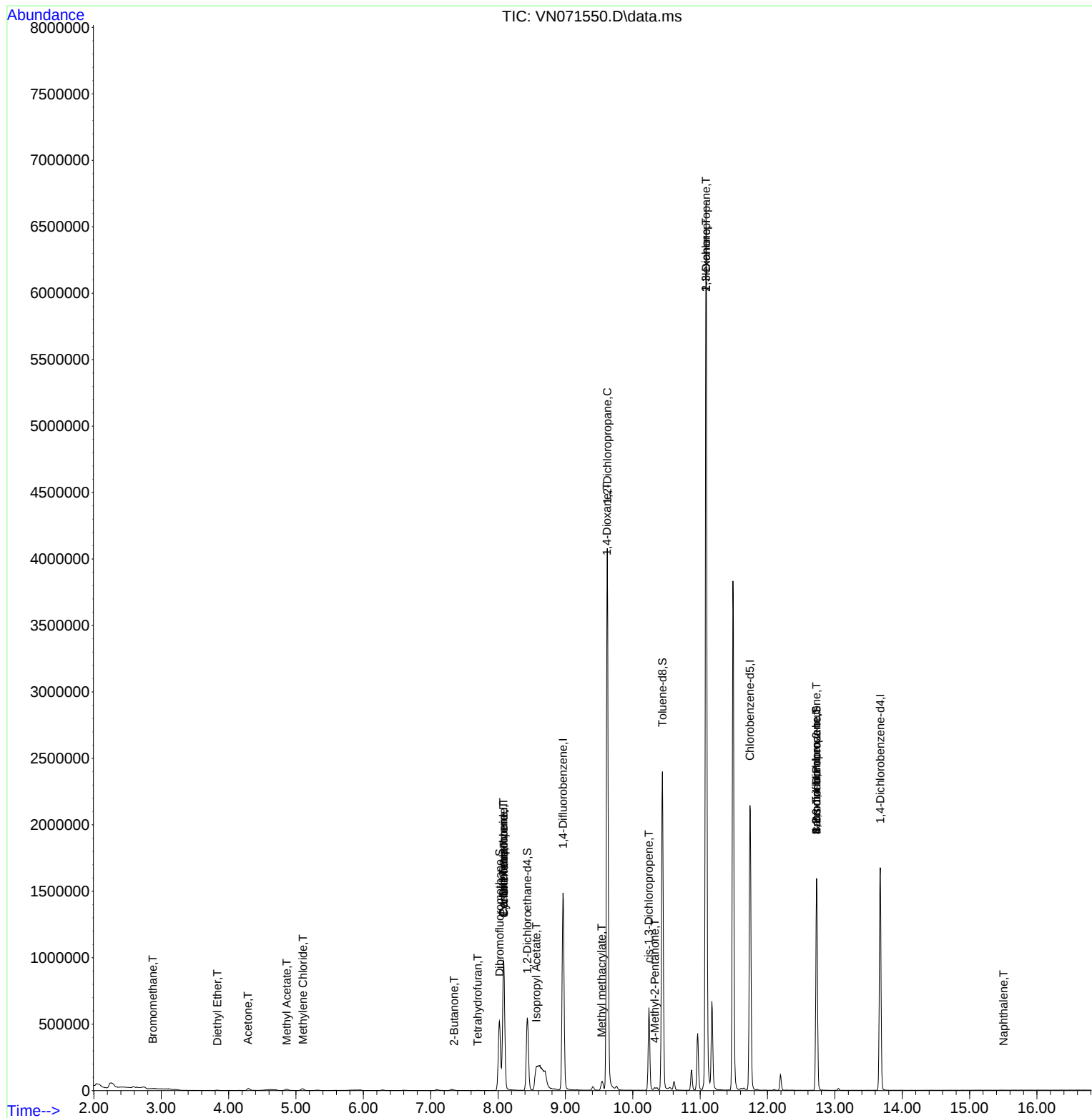
Internal Standards						
1) Pentafluorobenzene	8.081	168	792229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1368800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1328870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	491565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	465577	47.302	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.600%		
35) Dibromofluoromethane	8.022	113	386359	44.912	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	89.820%		
50) Toluene-d8	10.439	98	1690299	48.714	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.420%		
62) 4-Bromofluorobenzene	12.727	95	558048	49.084	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.160%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	2893	Below Cal		92
5) Bromomethane	2.875	94	1713	0.291 ug/l #		67
8) Diethyl Ether	3.834	74	1810	0.337 ug/l		61
16) Acetone	4.287	43	27326	6.773 ug/l		91
18) Methyl Acetate	4.863	43	22235	0.881 ug/l		97
20) Methylene Chloride	5.104	84	12083	1.285 ug/l #		87
25) 2-Butanone	7.345	43	5121	0.791 ug/l		92
29) Tetrahydrofuran	7.698	42	1449	0.337 ug/l #		59
31) Cyclohexane	8.086	56	14956	1.062 ug/l #		1
36) 1,1-Dichloropropene	8.081	75	57817	4.661 ug/l #		48
38) Carbon Tetrachloride	8.081	117	73568	6.085 ug/l #		16
43) Isopropyl Acetate	8.569	43	182102	8.084 ug/l #		70
45) 1,2-Dichloropropane	9.622	63	5492	0.574 ug/l #		44
48) Methyl methacrylate	9.539	41	17377	1.780 ug/l #		10
49) 1,4-Dioxane	9.616	88	573	2.544 ug/l #		1
51) 4-Methyl-2-Pentanone	10.327	43	12095	0.894 ug/l		95
54) cis-1,3-Dichloropropene	10.239	75	117377	7.759 ug/l #		62
57) 1,3-Dichloropropane	11.086	76	76150	4.620 ug/l #		43
59) 2-Hexanone	11.086	43	982100	100.651 ug/l #		47
71) Bromoform	12.727	173	3205	0.409 ug/l #		1
75) 1,1,2,2-Tetrachloroethane	12.727	83	163	Below Cal #		1
76) 1,2,3-Trichloropropane	12.727	75	278248	25.385 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.727	75	278248	67.962 ug/l #		10
95) Naphthalene	15.504	128	1178	3.259 ug/l #		76

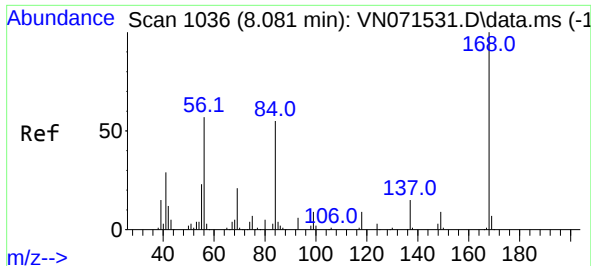
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
Data File : VN071550.D
Acq On : 25 Mar 2022 16:17
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Sample : PB143557ZHE#09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#09

Quant Time: Mar 26 04:03:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 25 09:52:40 2022
Response via : Initial Calibration

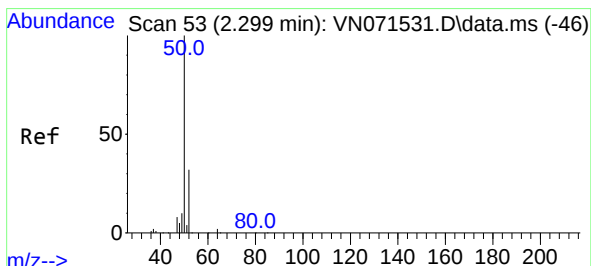
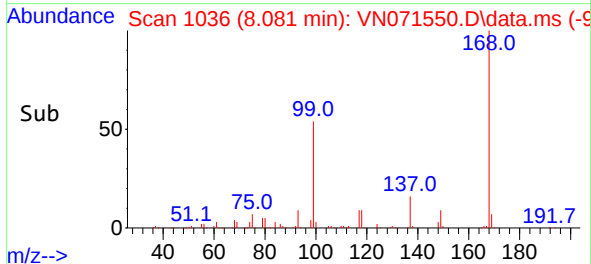
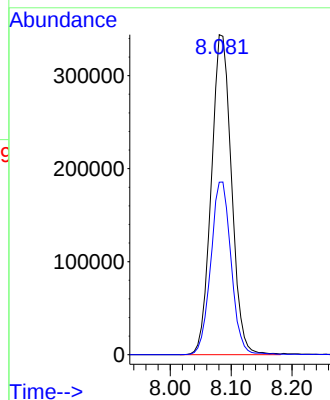
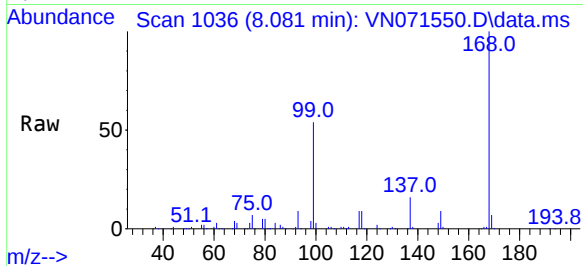




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

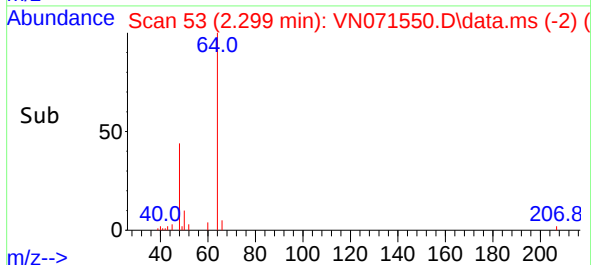
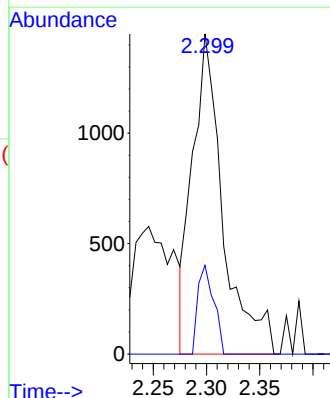
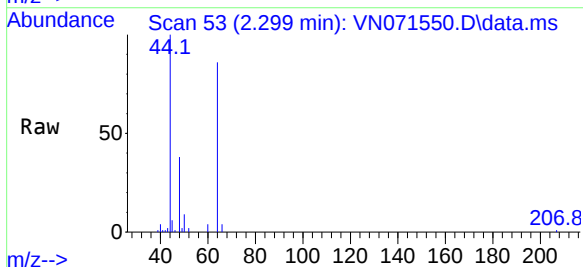
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#09

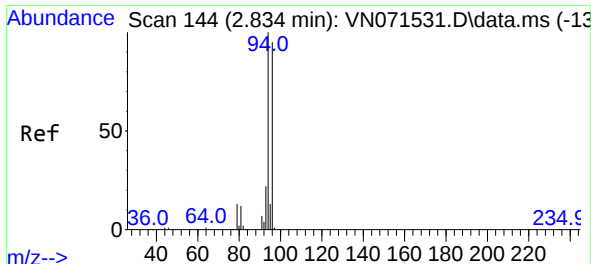
Tgt Ion:168 Resp: 792229
Ion Ratio Lower Upper
168 100
99 53.9 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

Tgt Ion: 50 Resp: 2893
Ion Ratio Lower Upper
50 100
52 27.7 25.7 38.5

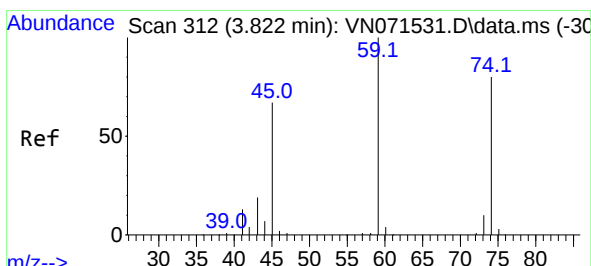
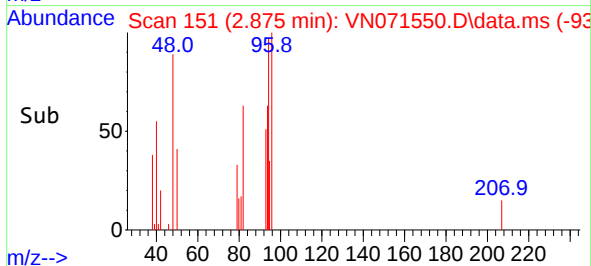
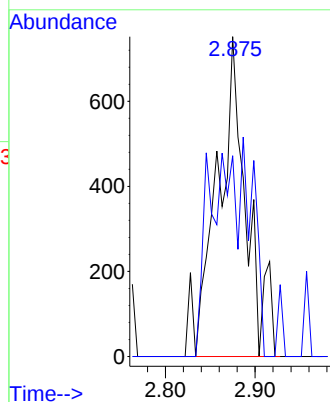
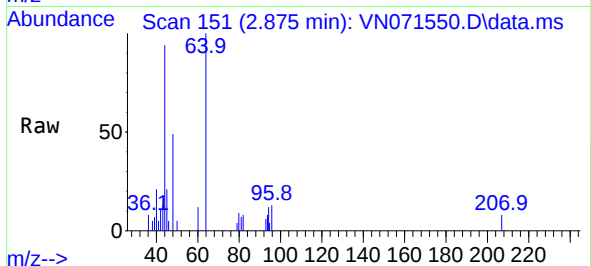




#5
Bromomethane
Concen: 0.291 ug/l
RT: 2.875 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

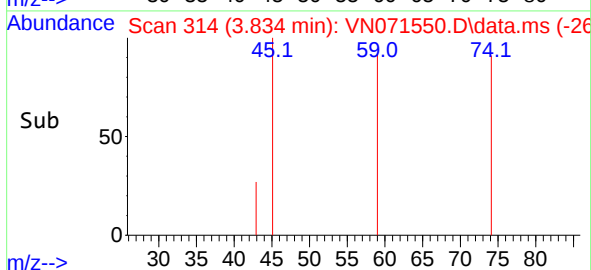
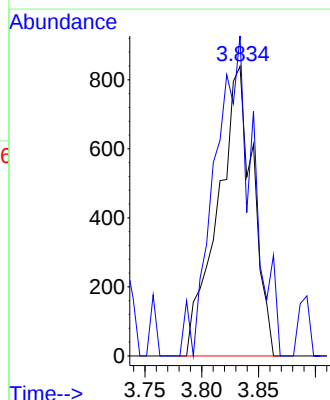
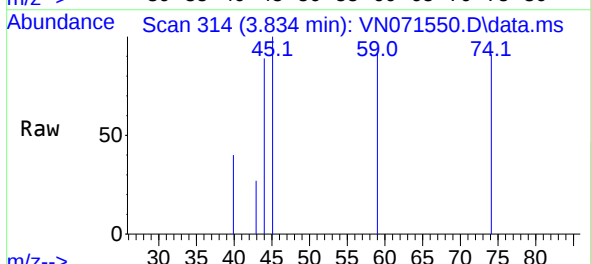
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#09

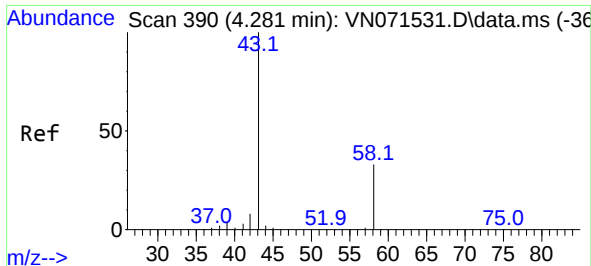
Tgt Ion: 94 Resp: 1713
Ion Ratio Lower Upper
94 100
96 62.8 76.0 114.0#



#8
Diethyl Ether
Concen: 0.337 ug/l
RT: 3.834 min Scan# 314
Delta R.T. 0.012 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

Tgt Ion: 74 Resp: 1810
Ion Ratio Lower Upper
74 100
45 121.0 42.9 128.5

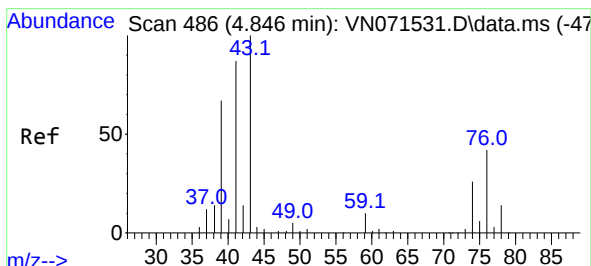
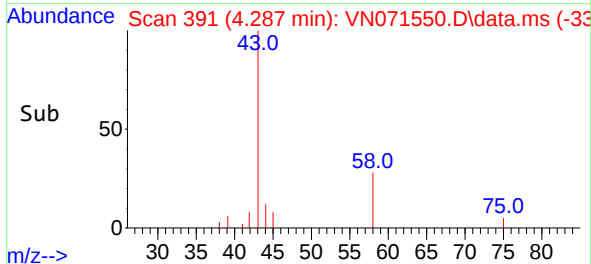
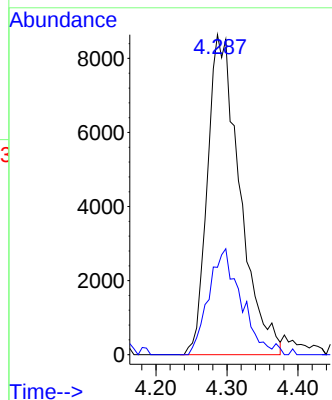
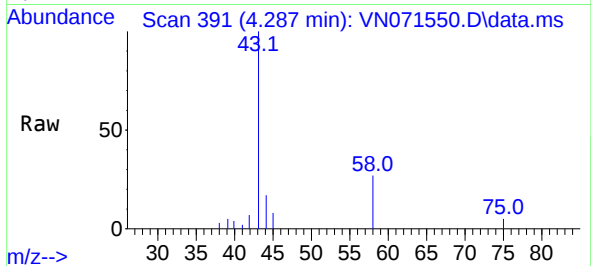




#16
Acetone
Concen: 6.773 ug/l
RT: 4.287 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

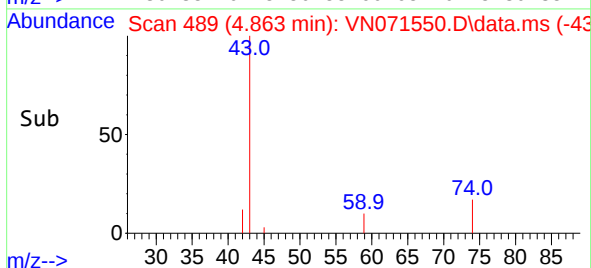
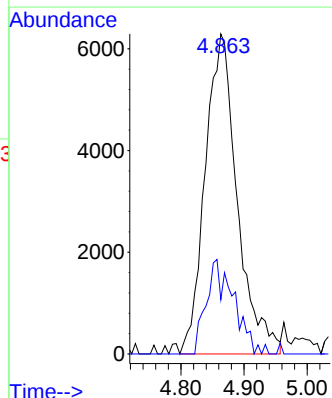
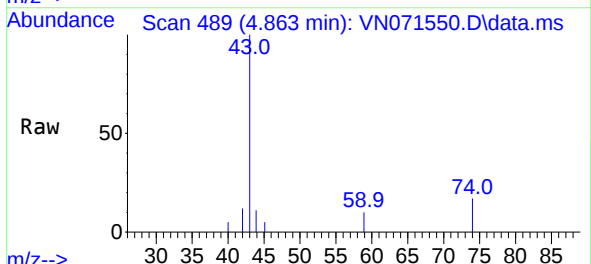
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#09

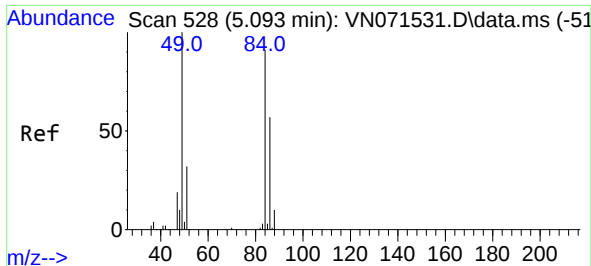
Tgt Ion: 43 Resp: 27326
Ion Ratio Lower Upper
43 100
58 27.3 26.0 39.0



#18
Methyl Acetate
Concen: 0.881 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.017 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

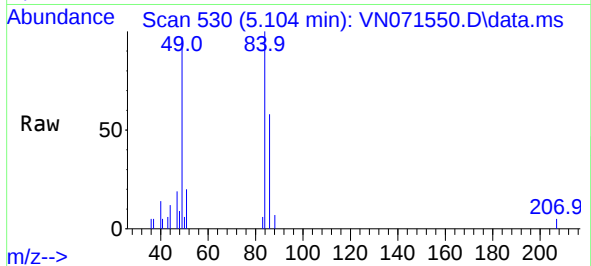
Tgt Ion: 43 Resp: 22235
Ion Ratio Lower Upper
43 100
74 25.4 21.6 32.4



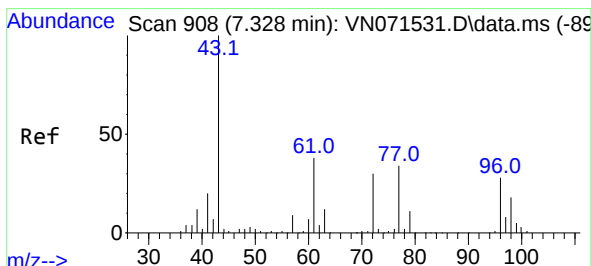
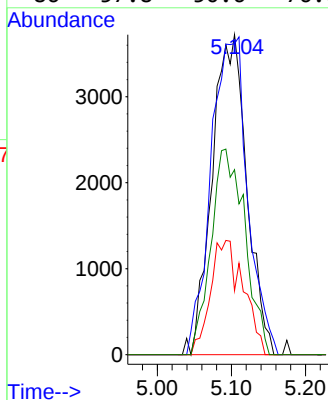
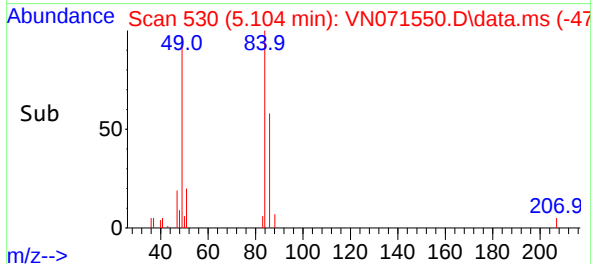


#20
Methylene Chloride
Concen: 1.285 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#09

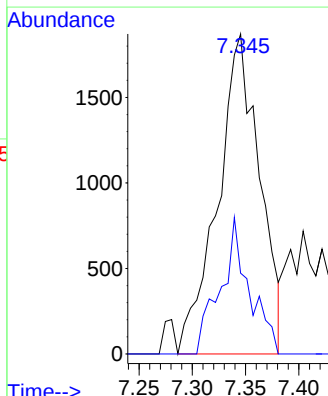
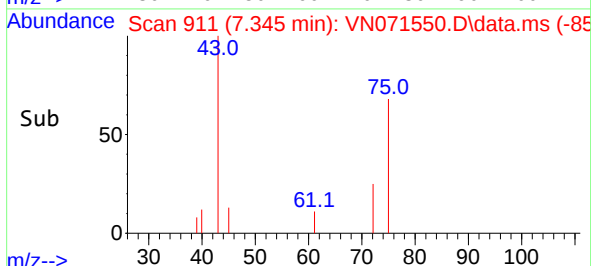
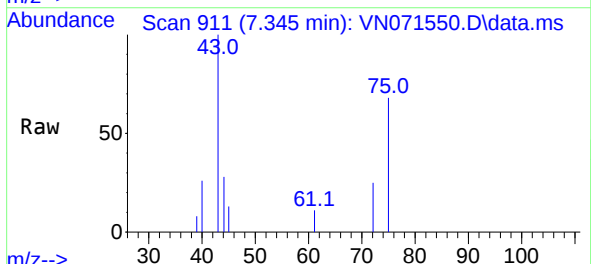


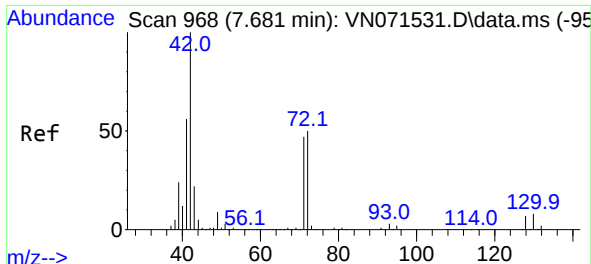
Tgt Ion: 84 Resp: 12083
Ion Ratio Lower Upper
84 100
49 97.2 88.3 132.5
51 20.0 28.2 42.2#
86 57.8 50.6 76.0



#25
2-Butanone
Concen: 0.791 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

Tgt Ion: 43 Resp: 5121
Ion Ratio Lower Upper
43 100
72 25.3 23.7 35.5

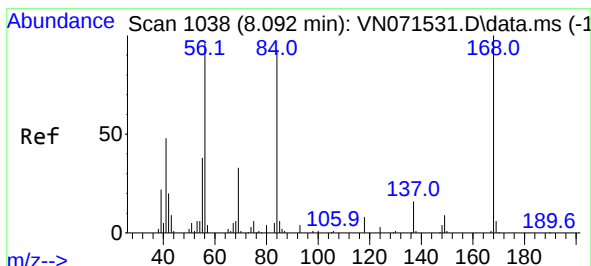
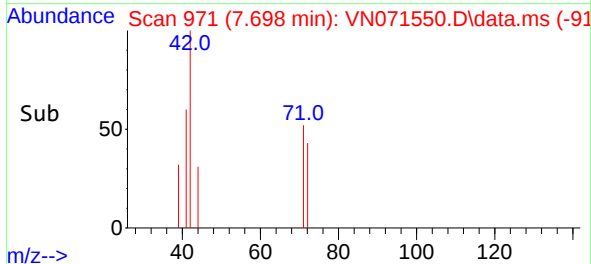
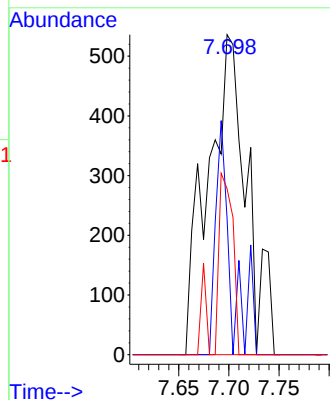
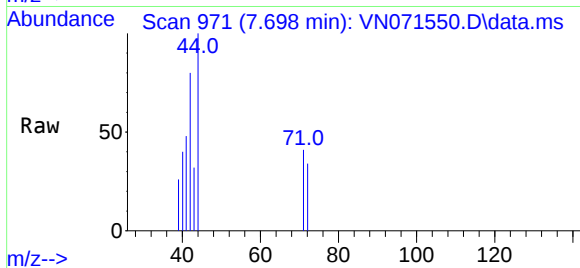




#29
Tetrahydrofuran
Concen: 0.337 ug/l
RT: 7.698 min Scan# 91
Delta R.T. 0.017 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

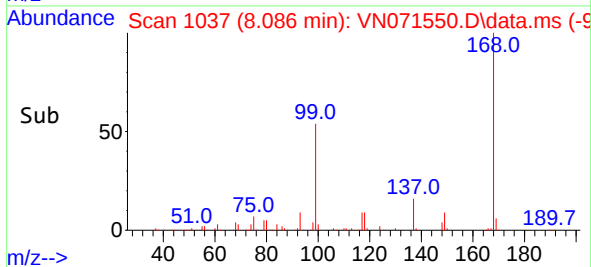
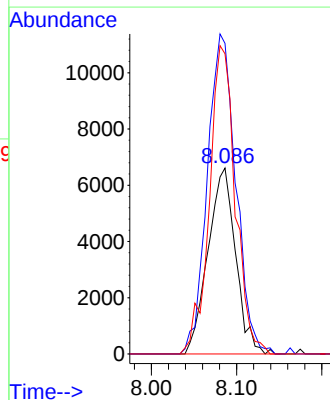
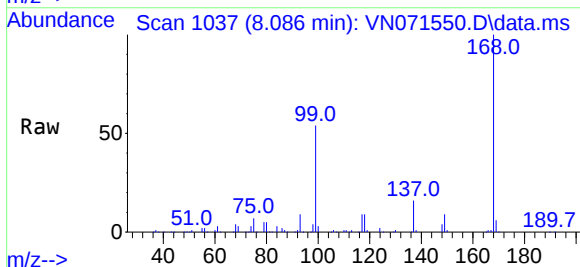
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MSVOA_N
ClientSampleId :
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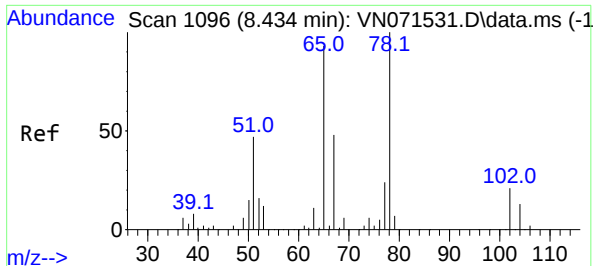
Tgt Ion: 42 Resp: 1449
Ion Ratio Lower Upper
42 100
72 20.6 39.7 59.5#
71 19.8 36.6 55.0#



#31
Cyclohexane
Concen: 1.062 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

Tgt Ion: 56 Resp: 14956
Ion Ratio Lower Upper
56 100
69 167.1 27.8 41.8#
84 161.5 76.9 115.3#

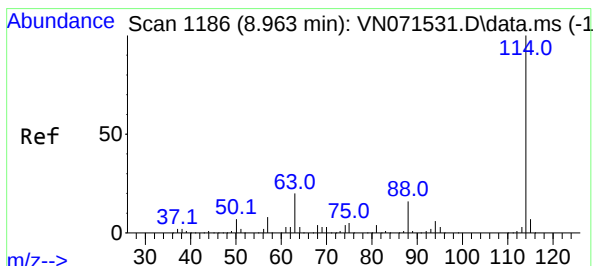
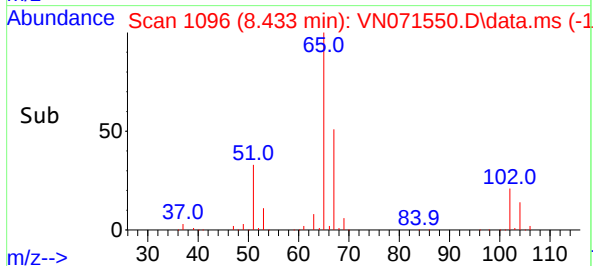
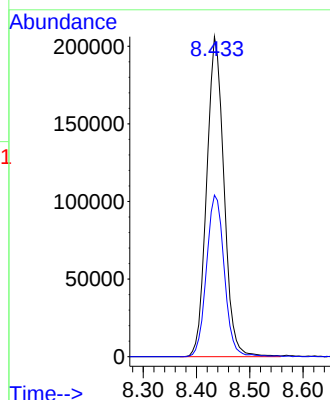
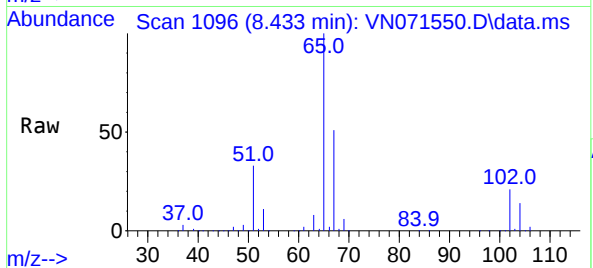




#33
1,2-Dichloroethane-d4
Concen: 47.302 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

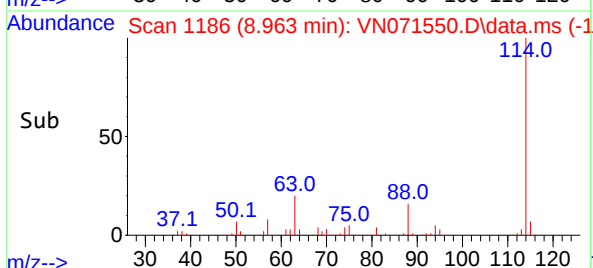
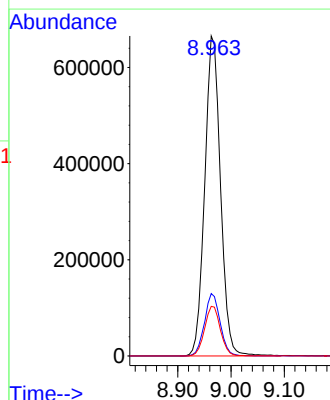
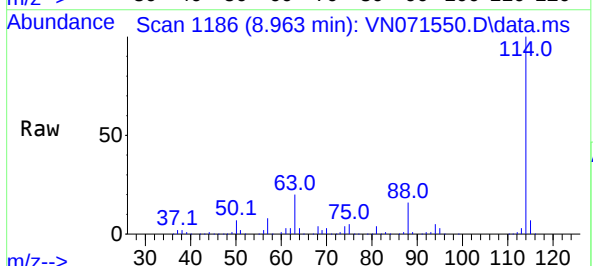
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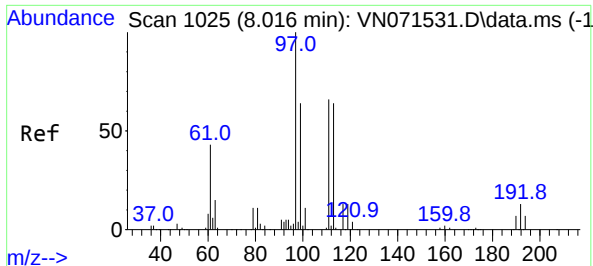
Tgt Ion: 65 Resp: 465577
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

Tgt Ion: 114 Resp: 1368800
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.0
88 15.5 0.0 32.6

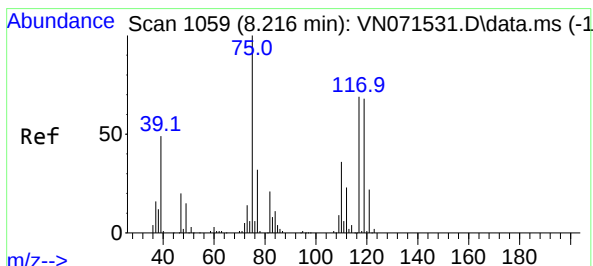
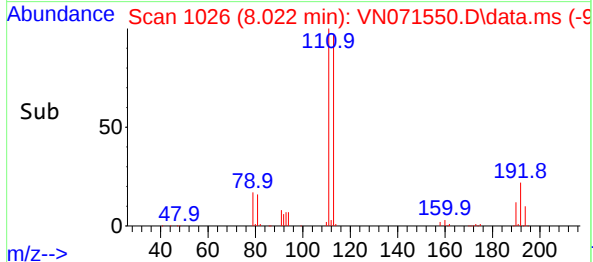
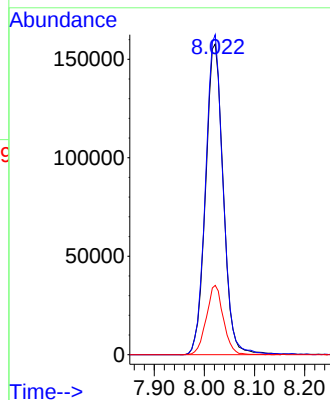
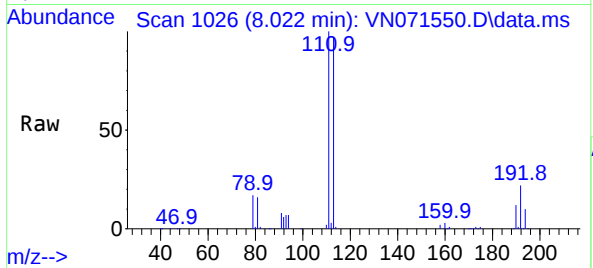




#35
Dibromofluoromethane
Concen: 44.912 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

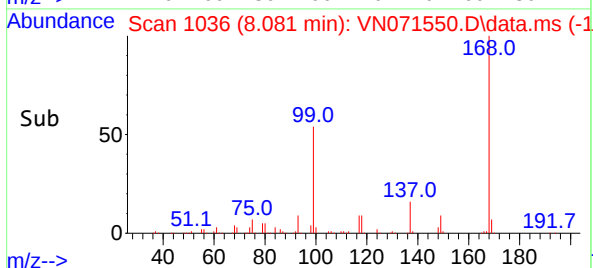
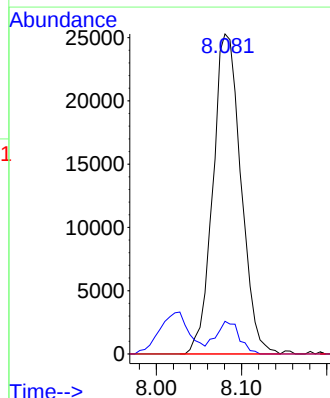
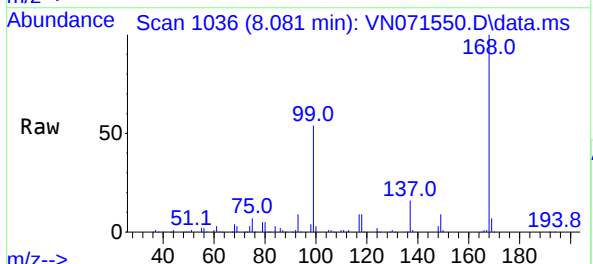
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#09

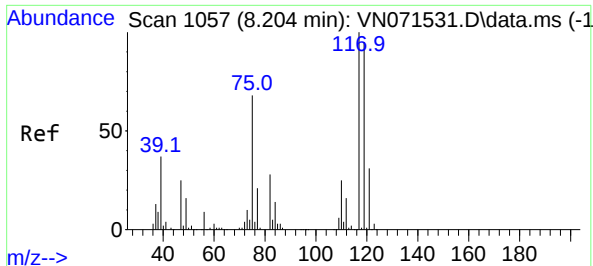
Tgt Ion:113 Resp: 386359
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 21.5 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.661 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

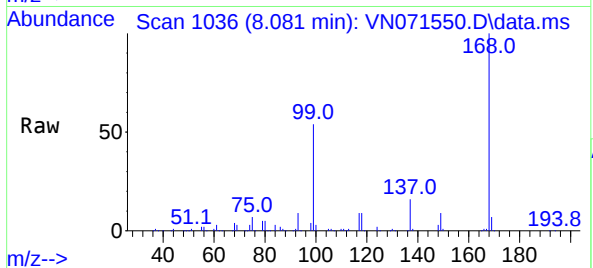
Tgt Ion: 75 Resp: 57817
Ion Ratio Lower Upper
75 100
110 8.5 18.3 54.8#
77 0.0 25.1 37.7#



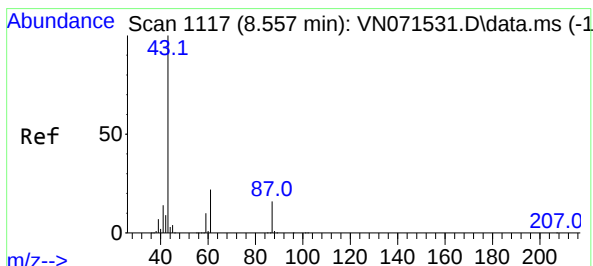
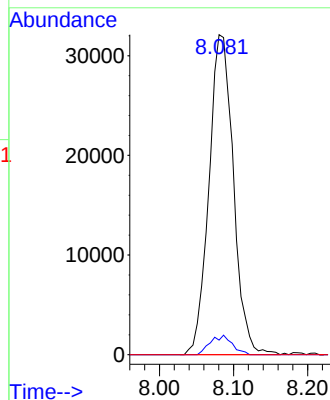
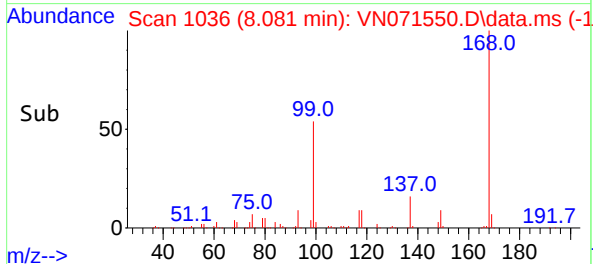


#38
Carbon Tetrachloride
Concen: 6.085 ug/l
RT: 8.081 min Scan# 1109
Delta R.T. -0.124 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#09

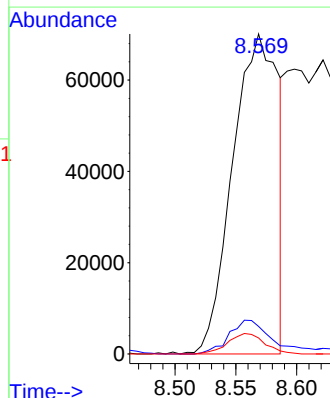
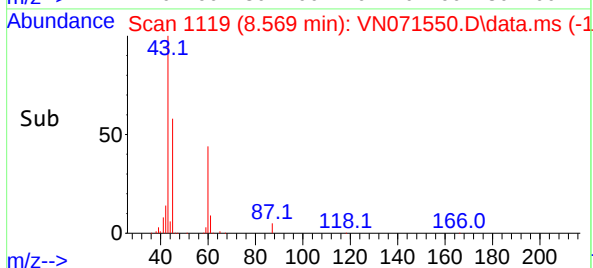
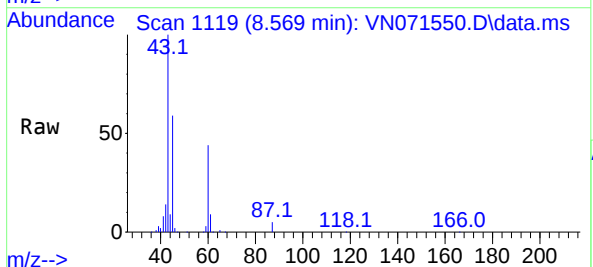


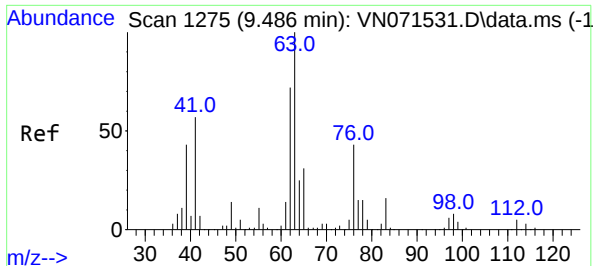
Tgt Ion:117 Resp: 73568
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 8.084 ug/l
RT: 8.569 min Scan# 1119
Delta R.T. 0.012 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

Tgt Ion: 43 Resp: 182102
Ion Ratio Lower Upper
43 100
61 10.1 21.9 32.9#
87 5.2 12.0 18.0#

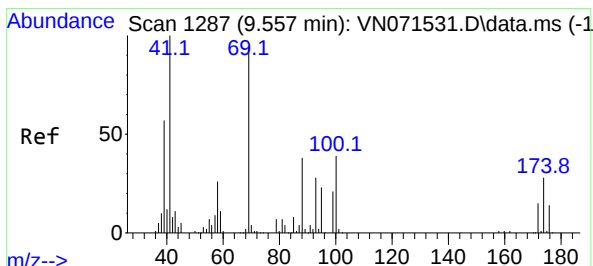
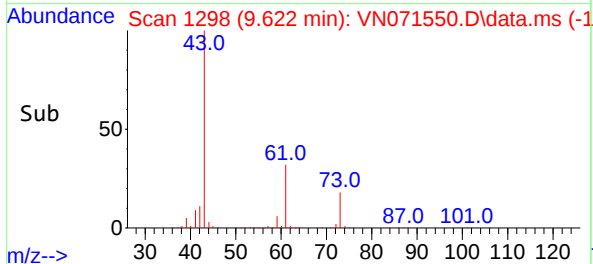
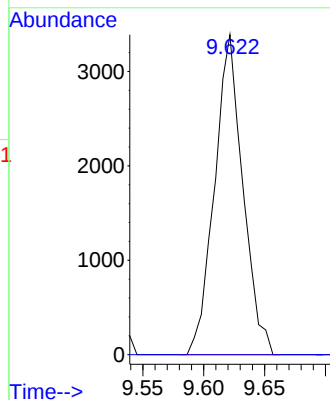
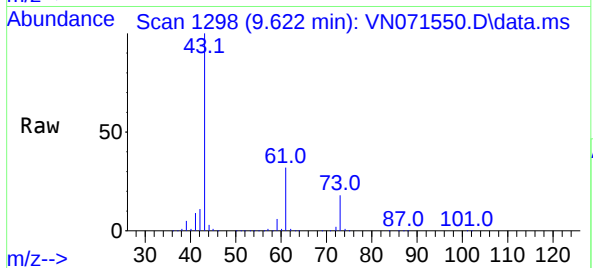




#45
1,2-Dichloropropane
Concen: 0.574 ug/l
RT: 9.622 min Scan# 11
Delta R.T. 0.135 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

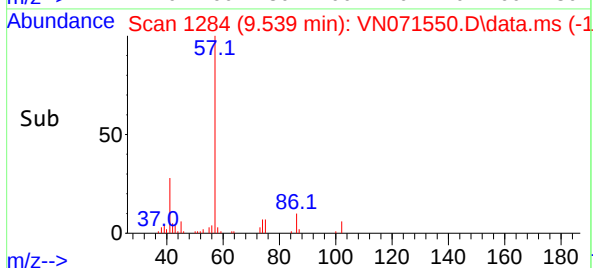
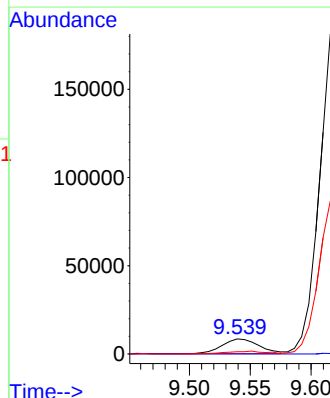
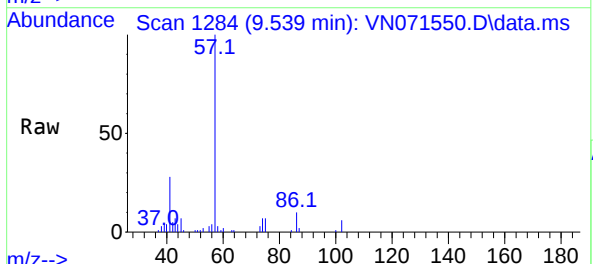
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#09

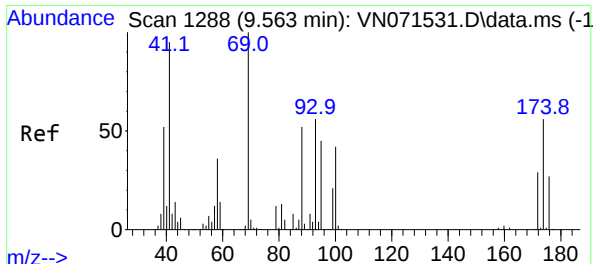
Tgt Ion: 63 Resp: 5492
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 1.780 ug/l
RT: 9.539 min Scan# 1284
Delta R.T. -0.018 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

Tgt Ion: 41 Resp: 17377
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 0.0 45.6 68.4#

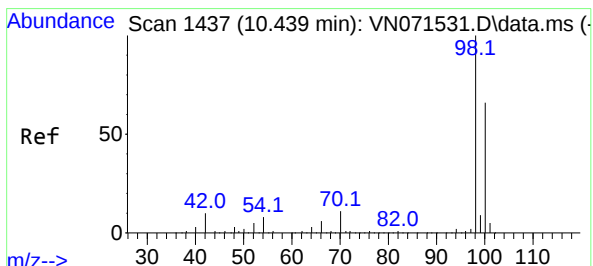
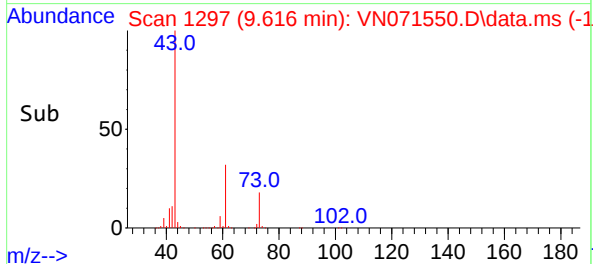
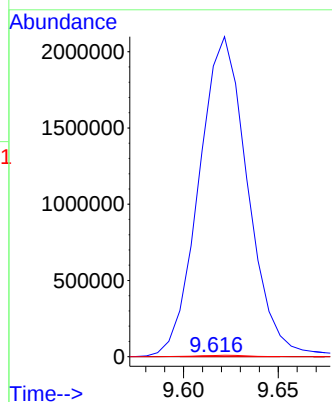
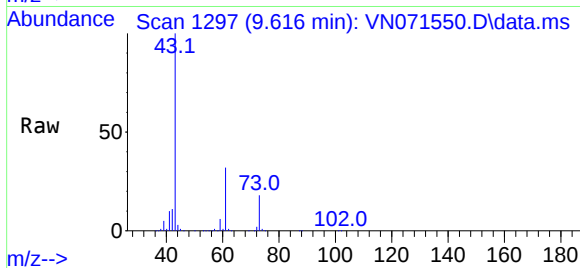




#49
1,4-Dioxane
Concen: 2.544 ug/l
RT: 9.616 min Scan# 1288
Delta R.T. 0.053 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

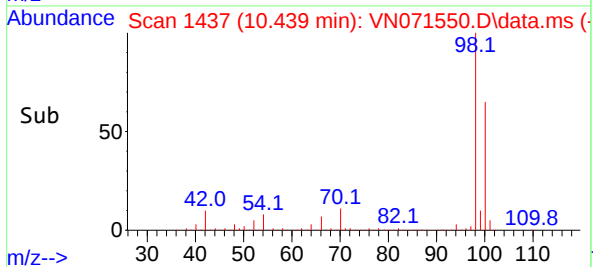
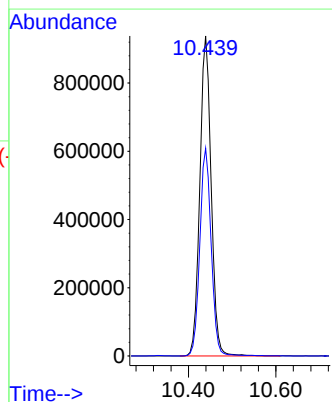
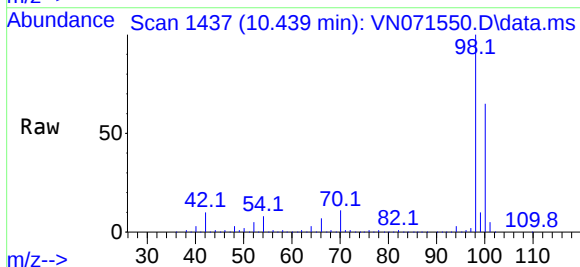
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#09

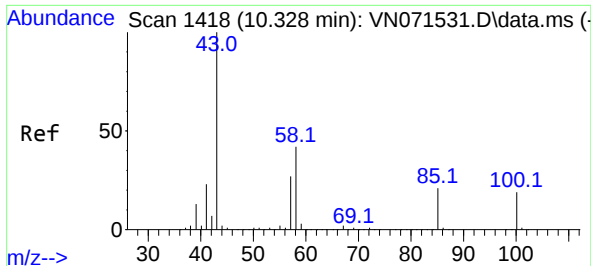
Tgt Ion: 88 Resp: 573
Ion Ratio Lower Upper
88 100
43 665996.7 20.2 30.4#
58 3099.8 54.2 81.4#



#50
Toluene-d8
Concen: 48.714 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

Tgt Ion: 98 Resp: 1690299
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

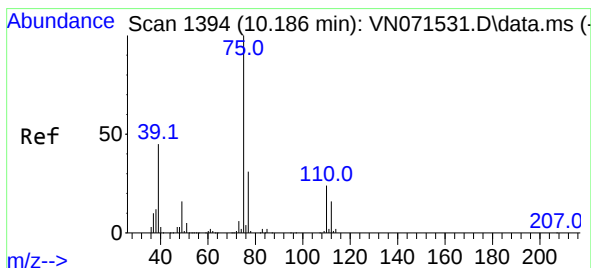
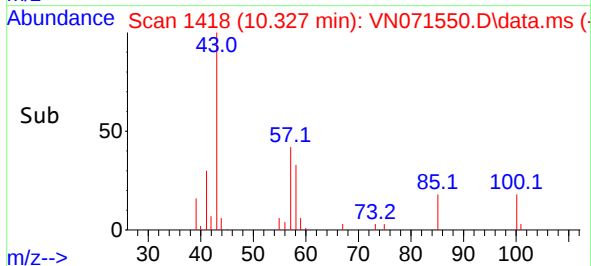
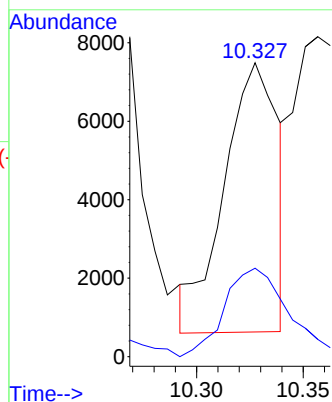
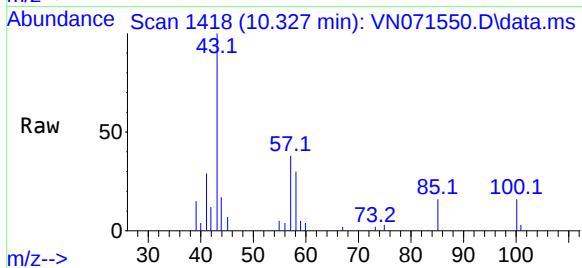




#51
4-Methyl-2-Pentanone
Concen: 0.894 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

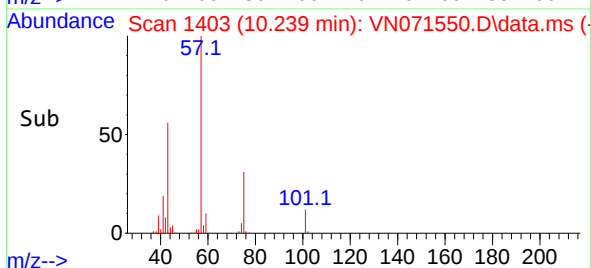
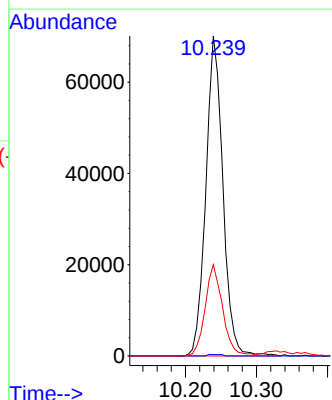
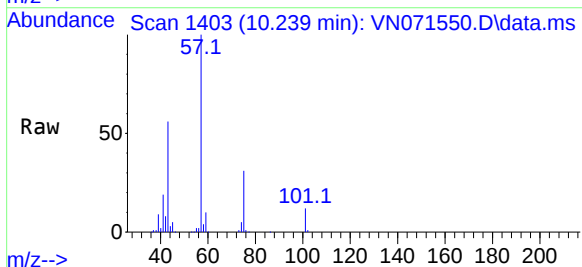
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#09

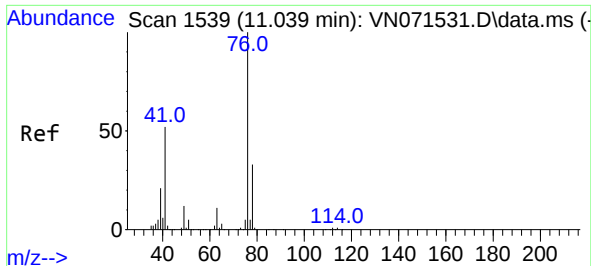
Tgt Ion: 43 Resp: 12095
Ion Ratio Lower Upper
43 100
58 39.3 34.1 51.1



#54
cis-1,3-Dichloropropene
Concen: 7.759 ug/l
RT: 10.239 min Scan# 1403
Delta R.T. 0.053 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

Tgt Ion: 75 Resp: 117377
Ion Ratio Lower Upper
75 100
77 0.4 25.2 37.8#
39 28.5 35.7 53.5#





#57

1,3-Dichloropropane

Concen: 4.620 ug/l

RT: 11.086 min Scan# 1547

Delta R.T. 0.047 min

Lab File: VN071550.D

Acq: 25 Mar 2022 16:17

Instrument :

MSVOA_N

ClientSampleId :

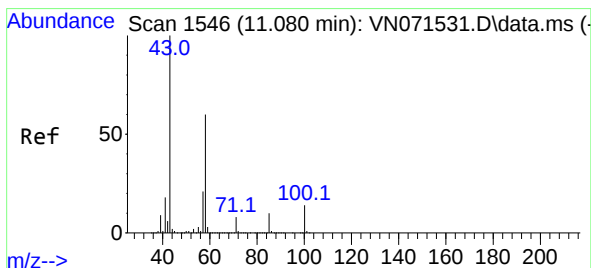
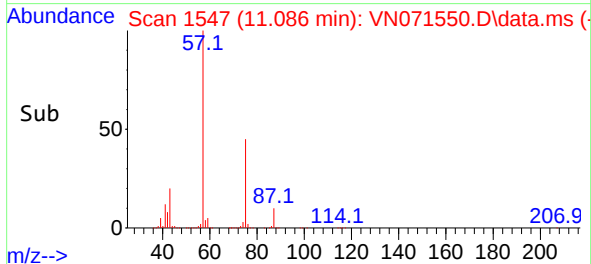
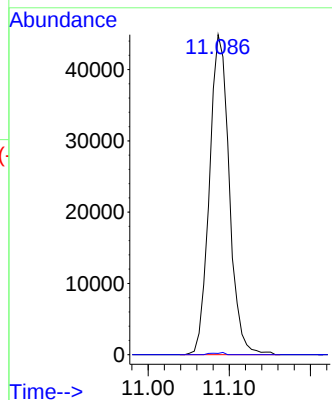
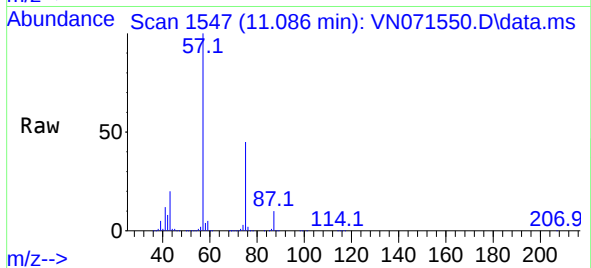
PB143557ZHE#09

Tgt Ion: 76 Resp: 76150

Ion Ratio Lower Upper

76 100

78 0.4 26.2 39.2#



#59

2-Hexanone

Concen: 100.651 ug/l

RT: 11.086 min Scan# 1547

Delta R.T. 0.006 min

Lab File: VN071550.D

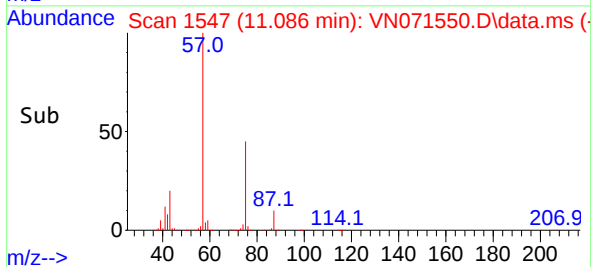
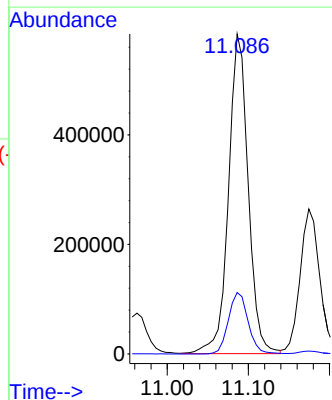
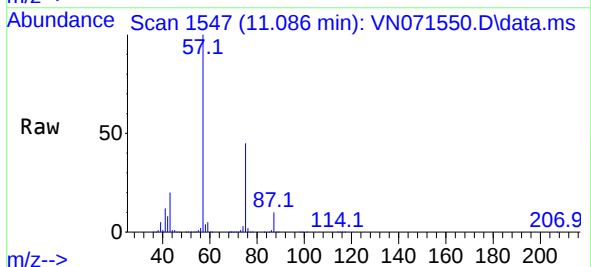
Acq: 25 Mar 2022 16:17

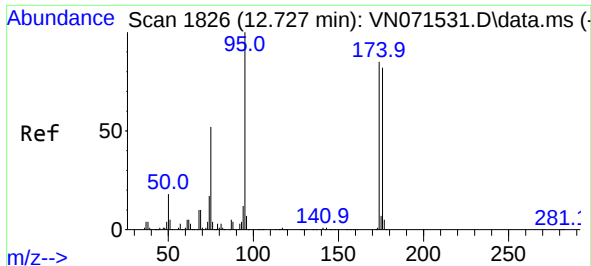
Tgt Ion: 43 Resp: 982100

Ion Ratio Lower Upper

43 100

58 19.3 29.7 89.1#

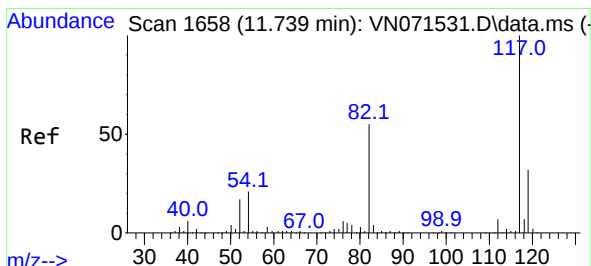
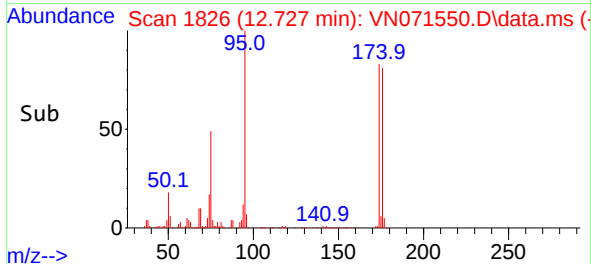
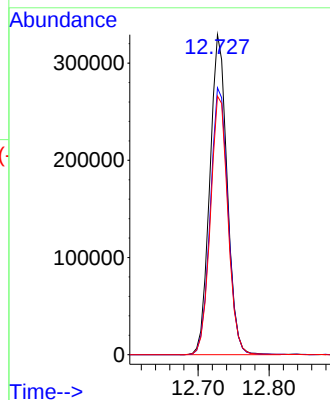
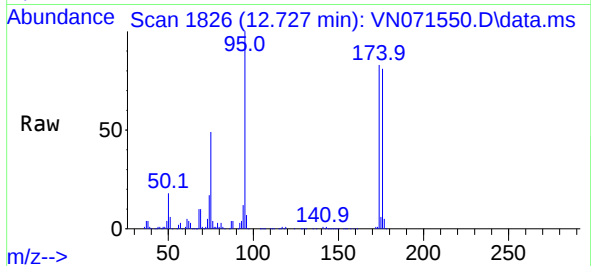




#62
4-Bromofluorobenzene
Concen: 49.084 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

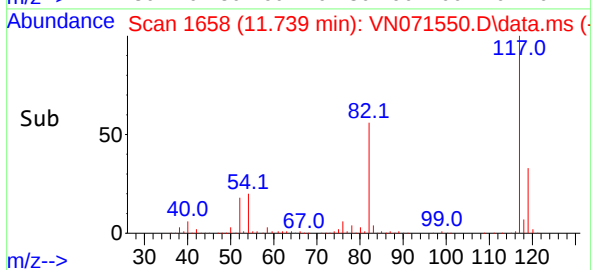
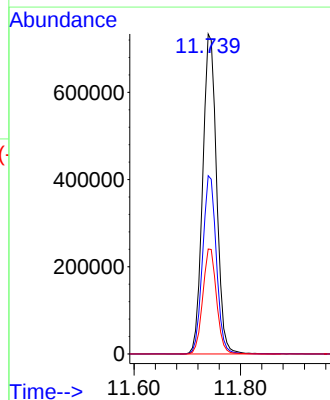
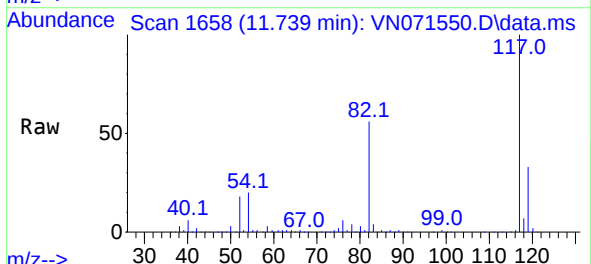
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#09

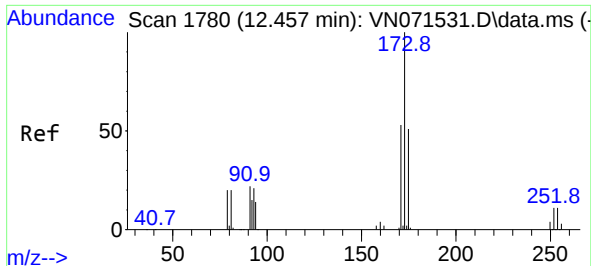
Tgt Ion: 95 Resp: 558048
Ion Ratio Lower Upper
95 100
174 85.0 0.0 167.6
176 81.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

Tgt Ion: 117 Resp: 1328870
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 32.8 25.4 38.0

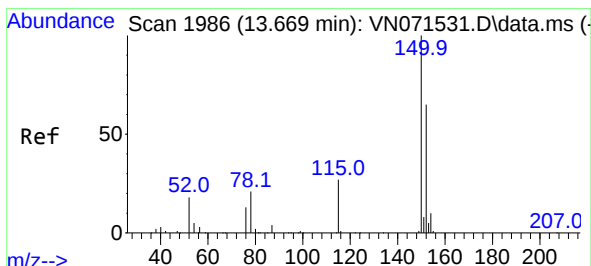
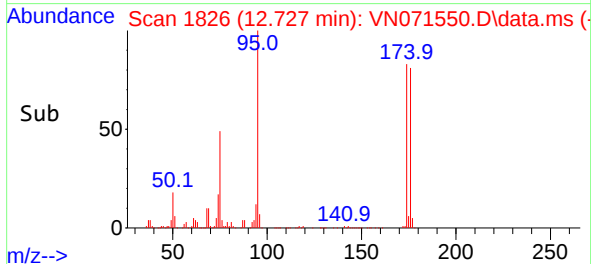
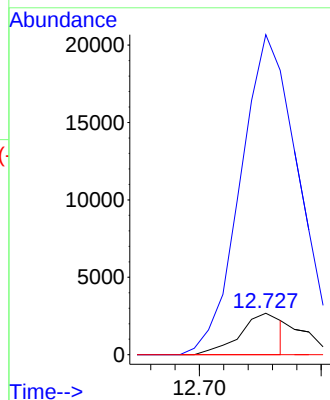
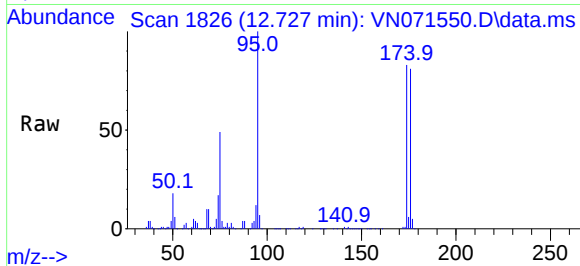




#71
Bromoform
Concen: 0.409 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.270 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

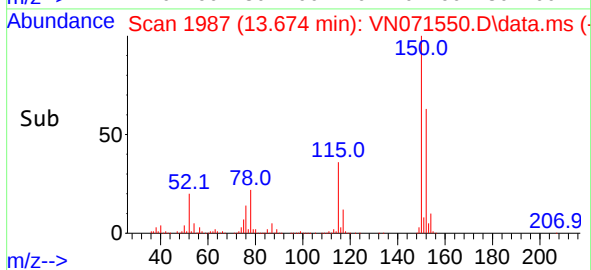
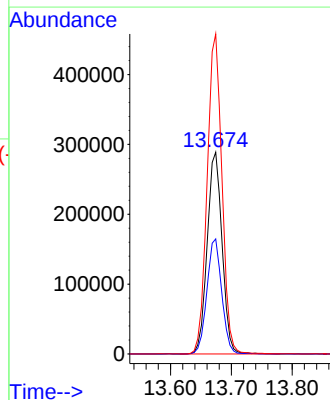
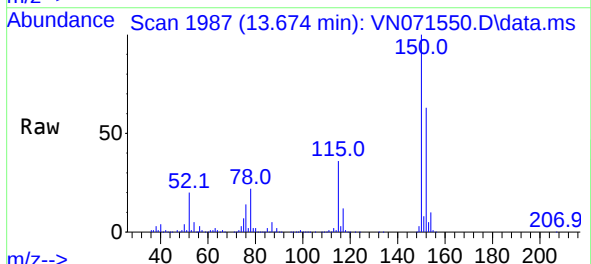
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#09

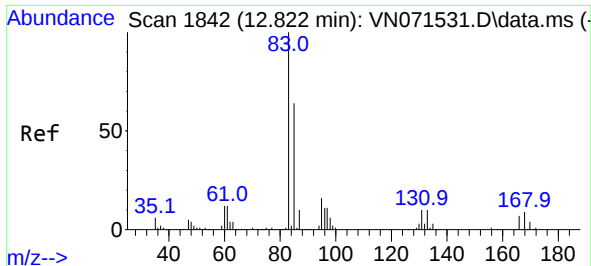
Tgt Ion:173 Resp: 3205
Ion Ratio Lower Upper
173 100
175 785.1 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

Tgt Ion:152 Resp: 491565
Ion Ratio Lower Upper
152 100
115 56.8 28.9 86.7
150 157.2 0.0 356.2

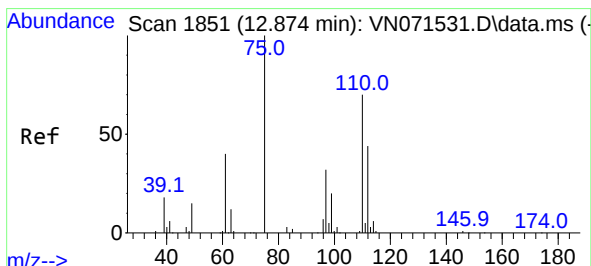
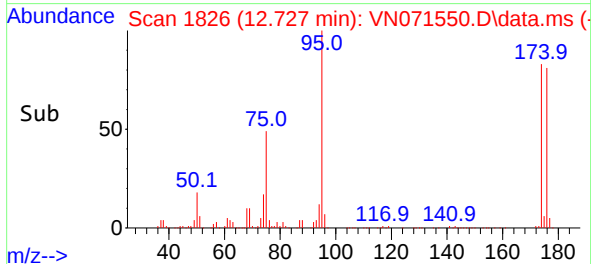
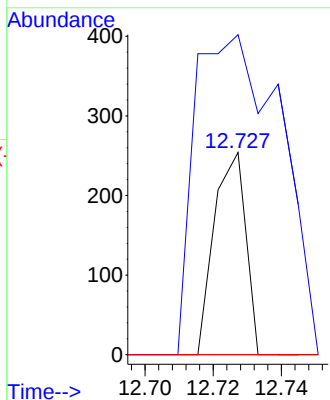
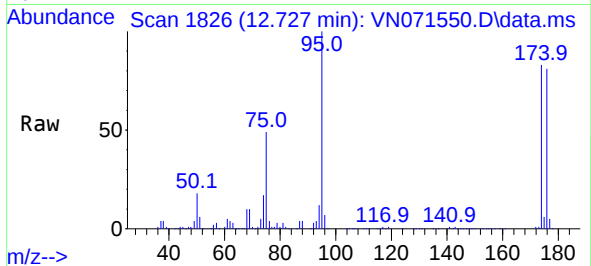




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.727 min Scan# 1826
Delta R.T. -0.095 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

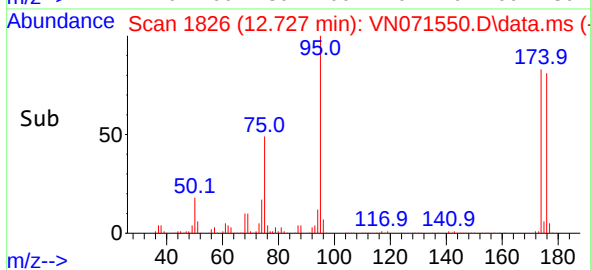
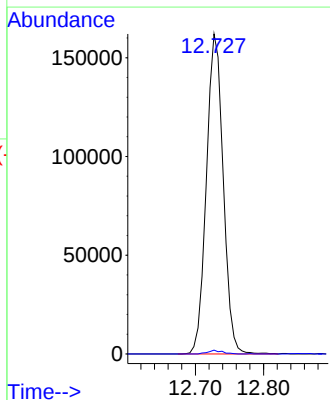
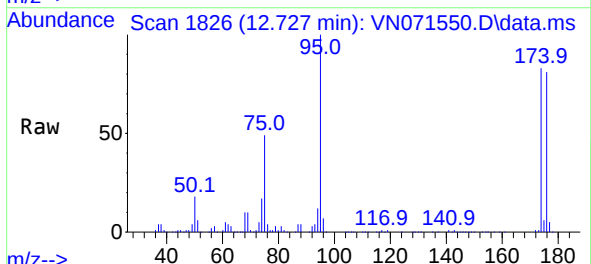
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#09

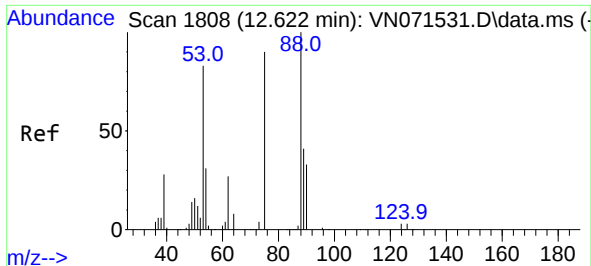
Tgt Ion: 83 Resp: 163
Ion Ratio Lower Upper
83 100
131 430.7 5.3 15.9#
85 0.0 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 25.385 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

Tgt Ion: 75 Resp: 278248
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#

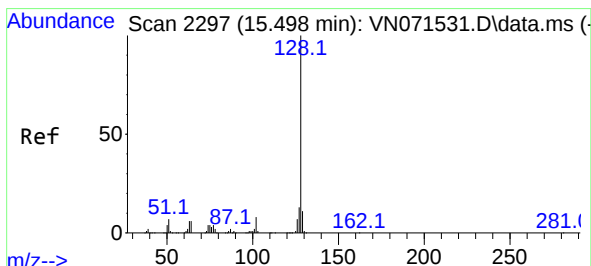
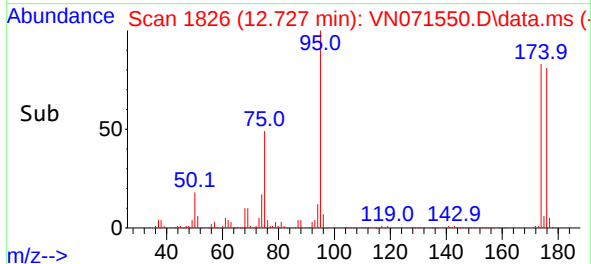
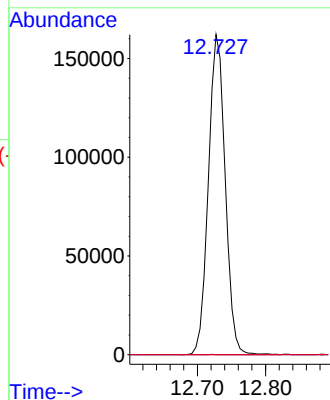
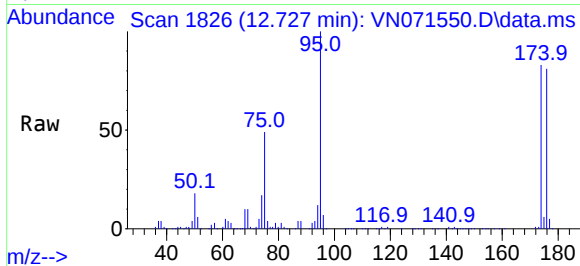




#81
trans-1,4-Dichloro-2-butene
Concen: 67.962 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#09

Tgt Ion: 75 Resp: 278248
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.259 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071550.D
Acq: 25 Mar 2022 16:17

Tgt Ion:128 Resp: 1178
Ion Ratio Lower Upper
128 100
127 4.6 10.3 15.5#
129 0.0 8.6 13.0#

