

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071549.D
 Acq On : 25 Mar 2022 15:53
 Operator : JC\MD
 Sample : PB143557ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143557ZHE#08

Quant Time: Mar 26 04:03:04 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)

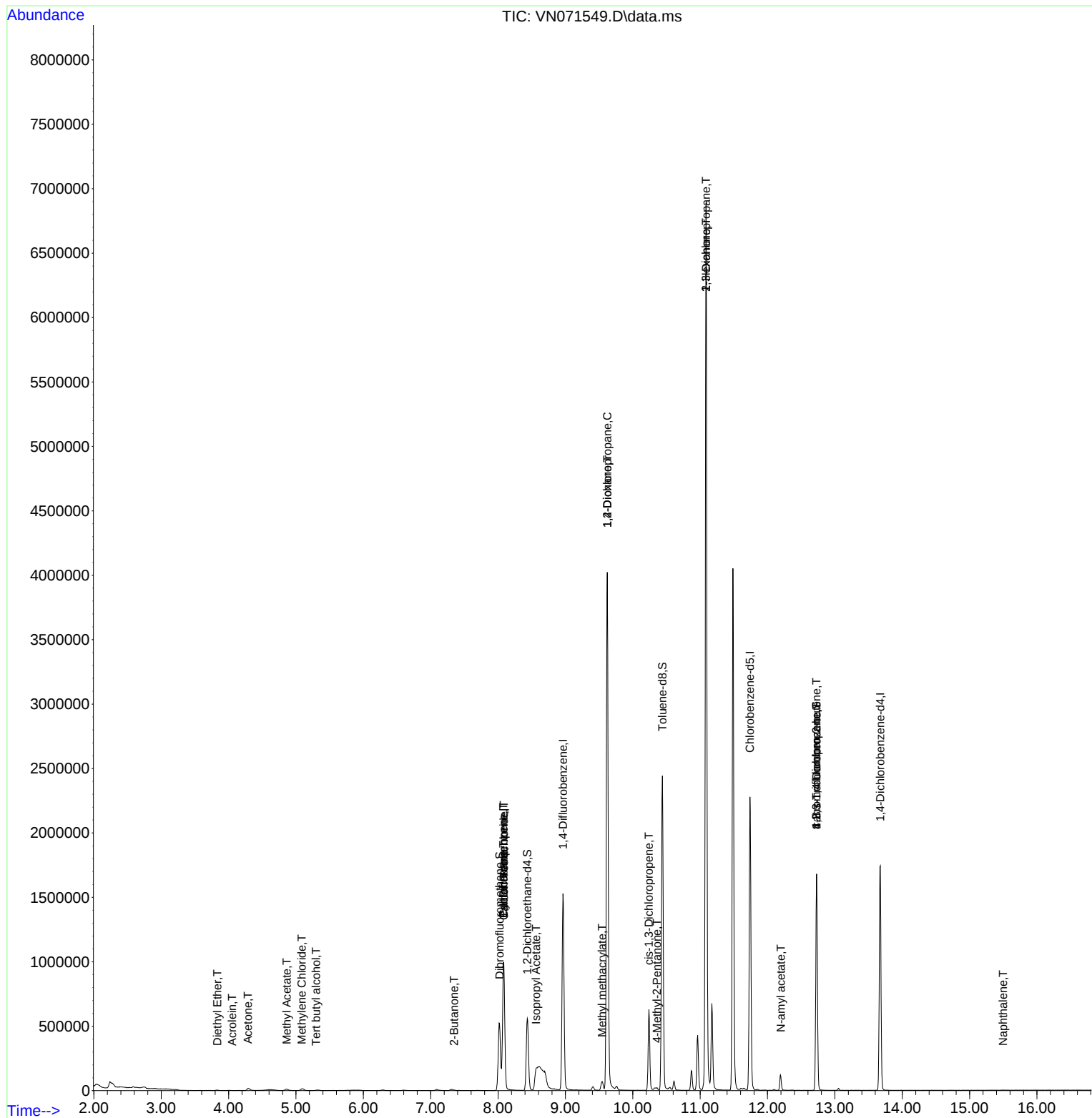
Internal Standards						
1) Pentafluorobenzene	8.081	168	811396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1380909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1384090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	516538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	474474	47.067	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.140%		
35) Dibromofluoromethane	8.022	113	390502	44.996	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.000%		
50) Toluene-d8	10.439	98	1741273	49.743	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.480%		
62) 4-Bromofluorobenzene	12.727	95	581343	50.684	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.360%		
Target Compounds						Qvalue
3) Chloromethane	2.299	50	2057	Below Cal	#	82
8) Diethyl Ether	3.834	74	2004	0.365	ug/l	96
11) Tert butyl alcohol	5.298	59	4477	2.383	ug/l #	72
13) Acrolein	4.051	56	469	0.326	ug/l #	39
16) Acetone	4.287	43	29445	7.126	ug/l	93
18) Methyl Acetate	4.863	43	22617	0.866	ug/l	99
20) Methylene Chloride	5.087	84	12586	1.307	ug/l #	91
25) 2-Butanone	7.345	43	5872	0.886	ug/l #	88
31) Cyclohexane	8.081	56	15561	1.079	ug/l #	6
36) 1,1-Dichloropropene	8.081	75	57006	4.556	ug/l #	49
38) Carbon Tetrachloride	8.087	117	74699	6.124	ug/l #	16
43) Isopropyl Acetate	8.563	43	181881	8.000	ug/l #	72
45) 1,2-Dichloropropane	9.622	63	5654	0.586	ug/l #	44
48) Methyl methacrylate	9.545	41	18287	1.857	ug/l #	10
49) 1,4-Dioxane	9.622	88	668	2.940	ug/l #	1
51) 4-Methyl-2-Pentanone	10.357	43	26801	1.963	ug/l #	33
54) cis-1,3-Dichloropropene	10.239	75	118399	7.757	ug/l #	61
57) 1,3-Dichloropropane	11.086	76	75721	4.554	ug/l #	43
59) 2-Hexanone	11.086	43	991937	100.768	ug/l #	47
74) N-amyl acetate	12.198	43	36498	2.493	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.722	83	152	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	291231	25.285	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	291231	67.694	ug/l #	10
95) Naphthalene	15.498	128	1499	3.268	ug/l #	69

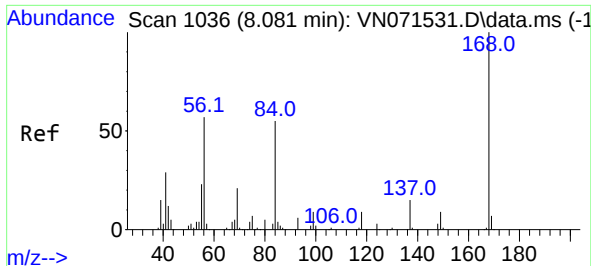
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
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Sample : PB143557ZHE#08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Mar 25 09:52:40 2022
Response via : Initial Calibration

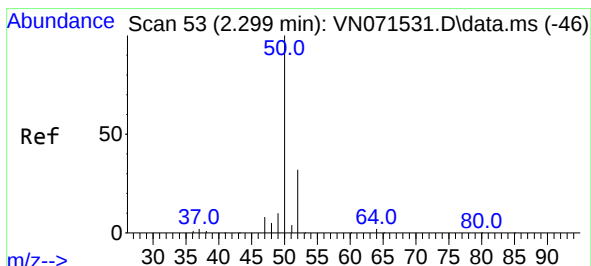
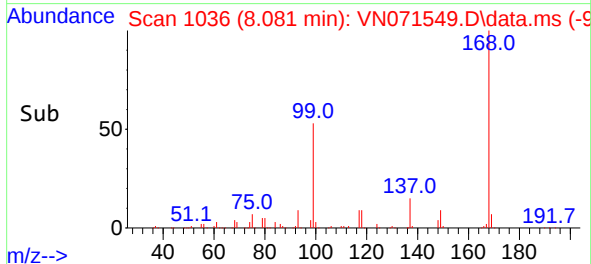
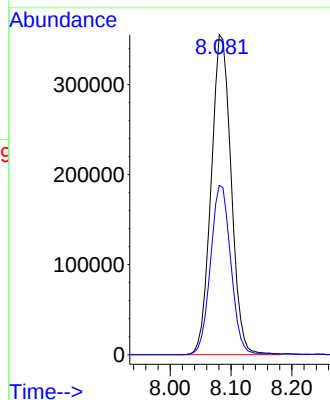
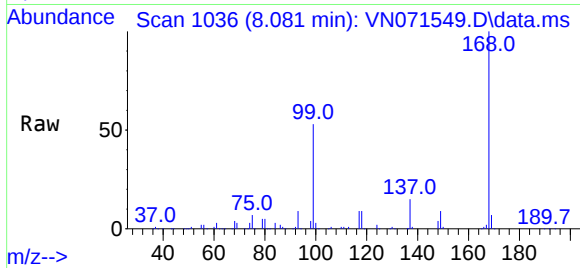




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

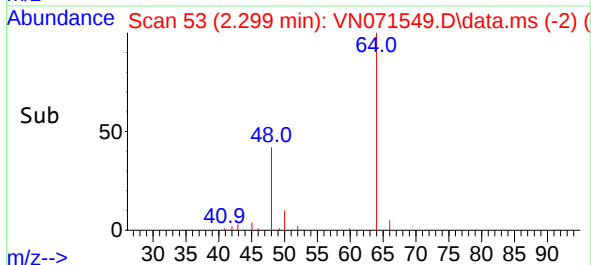
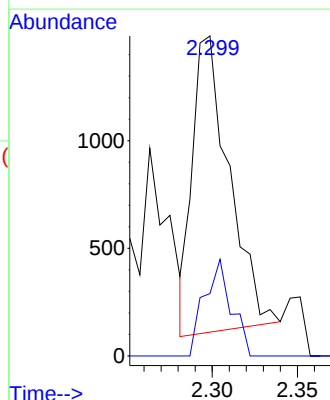
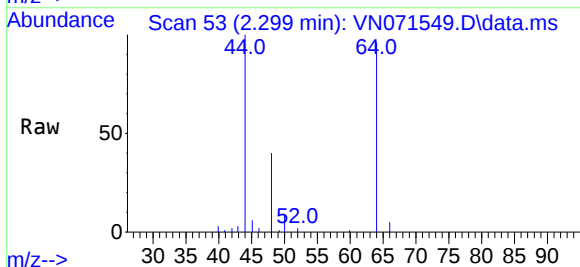
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#08

Tgt Ion:168 Resp: 811396
Ion Ratio Lower Upper
168 100
99 52.9 42.3 63.5

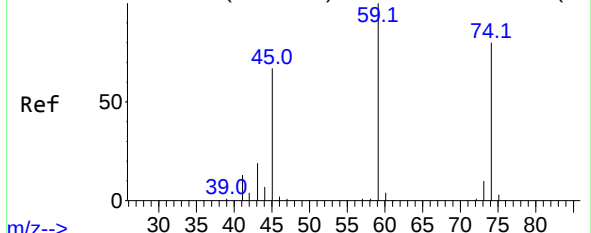


#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

Tgt Ion: 50 Resp: 2057
Ion Ratio Lower Upper
50 100
52 21.8 25.7 38.5#



Abundance Scan 312 (3.822 min): VN071531.D\data.ms (-30



#8

Diethyl Ether

Concen: 0.365 ug/l

RT: 3.834 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN071549.D

Acq: 25 Mar 2022 15:53

Instrument :

MSVOA_N

ClientSampleId :

PB143557ZHE#08

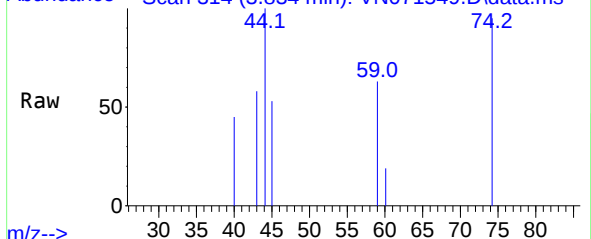
Tgt Ion: 74 Resp: 2004

Ion Ratio Lower Upper

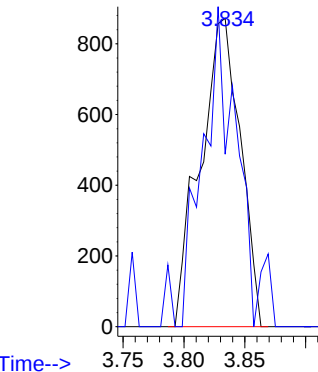
74 100

45 89.8 42.9 128.5

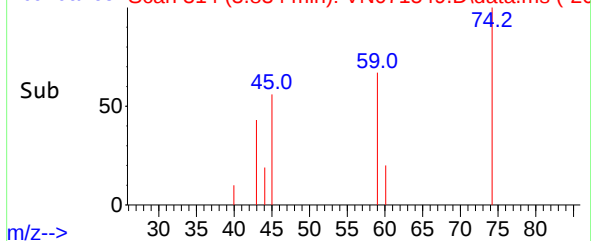
Abundance Scan 314 (3.834 min): VN071549.D\data.ms



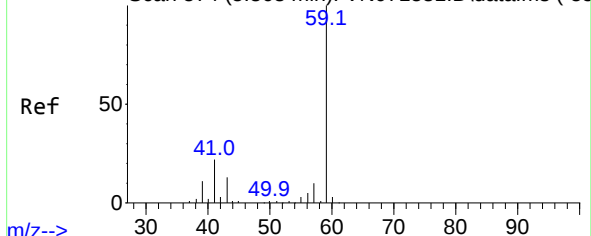
Abundance



Abundance Scan 314 (3.834 min): VN071549.D\data.ms (-26



Abundance Scan 574 (5.363 min): VN071531.D\data.ms (-55



#11

Tert butyl alcohol

Concen: 2.383 ug/l

RT: 5.298 min Scan# 563

Delta R.T. -0.065 min

Lab File: VN071549.D

Acq: 25 Mar 2022 15:53

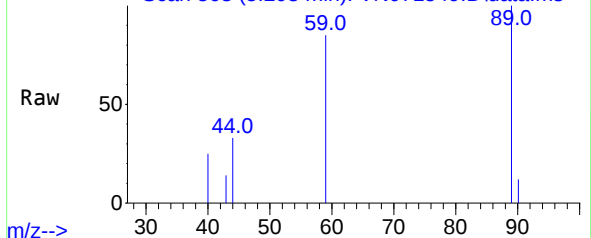
Tgt Ion: 59 Resp: 4477

Ion Ratio Lower Upper

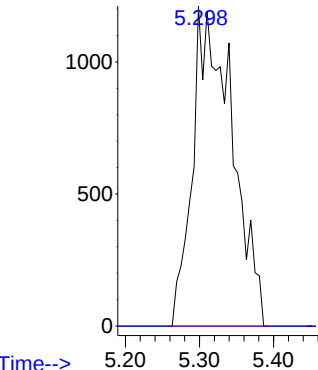
59 100

57 0.0 8.3 12.5#

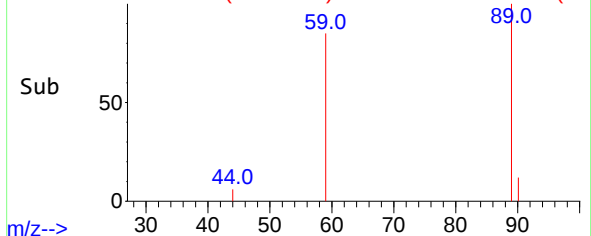
Abundance Scan 563 (5.298 min): VN071549.D\data.ms

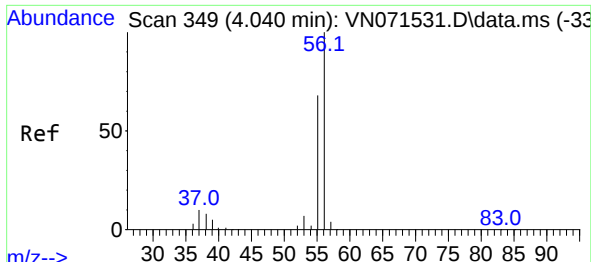


Abundance



Abundance Scan 563 (5.298 min): VN071549.D\data.ms (-52

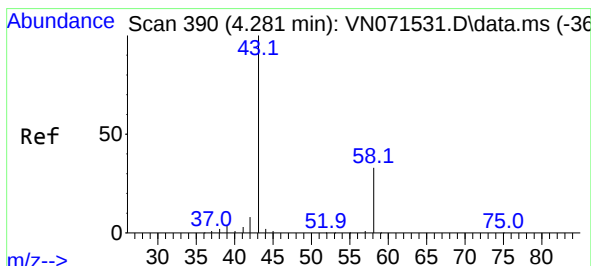
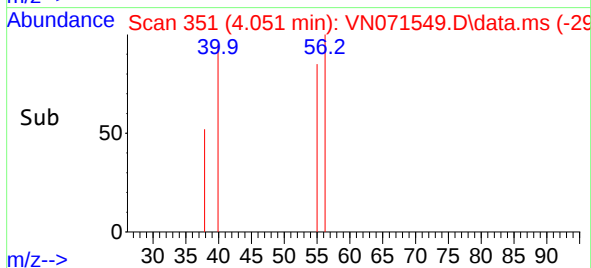
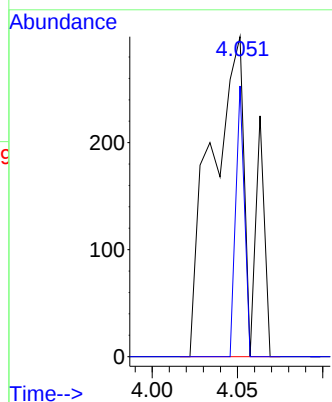
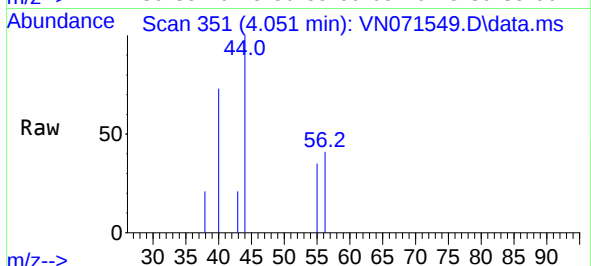




#13
Acrolein
Concen: 0.326 ug/l
RT: 4.051 min Scan# 31
Delta R.T. 0.011 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

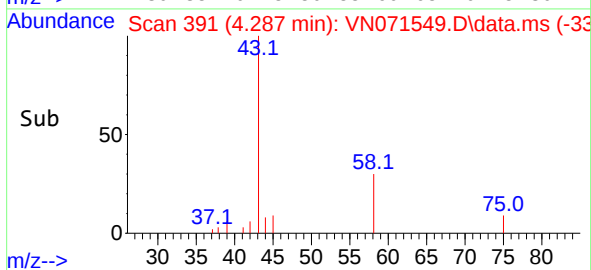
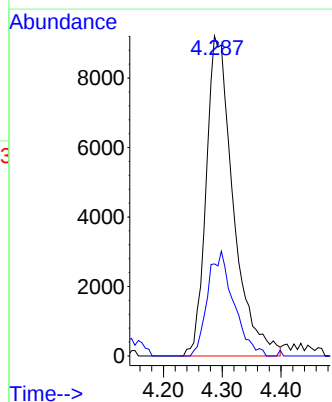
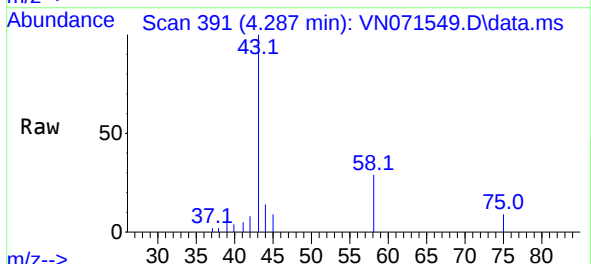
Instrument :
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PB143557ZHE#08

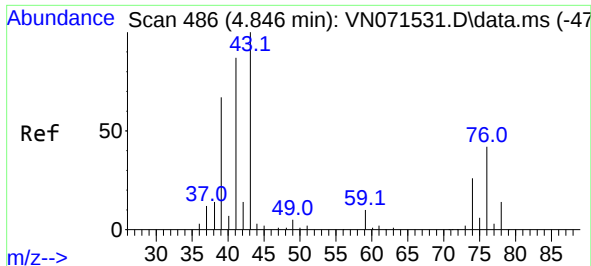
Tgt Ion: 56 Resp: 469
Ion Ratio Lower Upper
56 100
55 19.0 54.8 82.2#



#16
Acetone
Concen: 7.126 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

Tgt Ion: 43 Resp: 29445
Ion Ratio Lower Upper
43 100
58 28.8 26.0 39.0

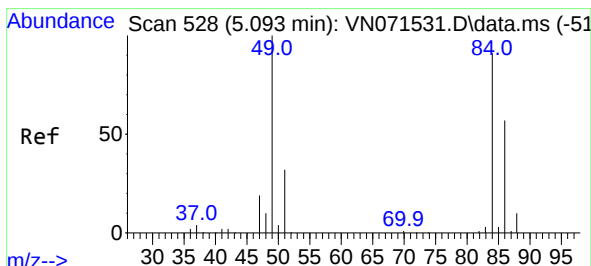
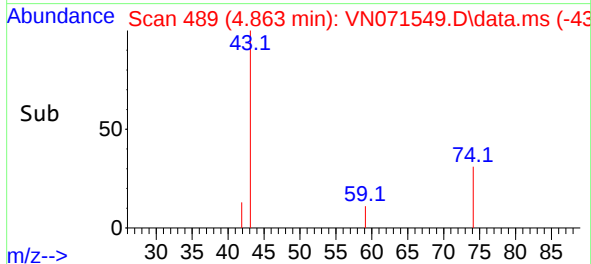
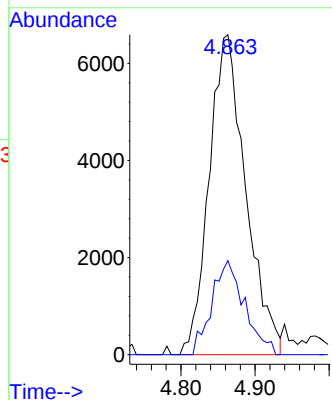
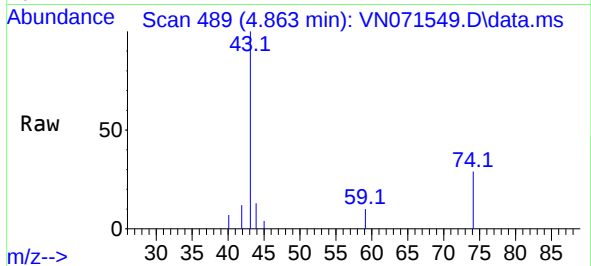




#18
Methyl Acetate
Concen: 0.866 ug/l
RT: 4.863 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

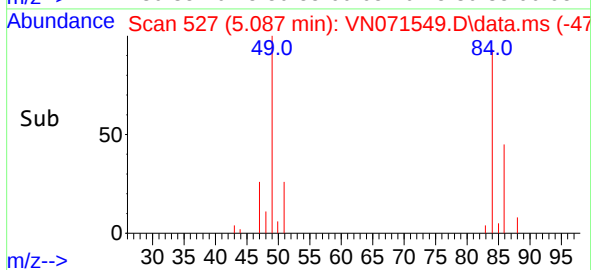
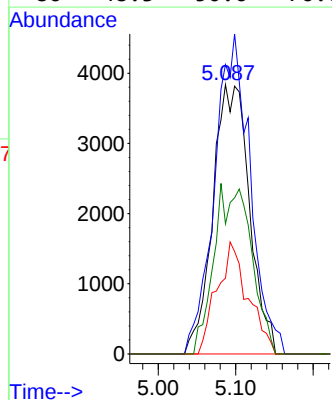
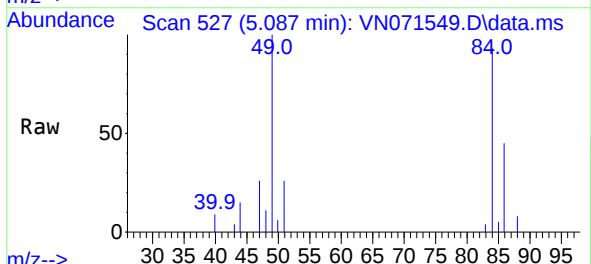
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#08

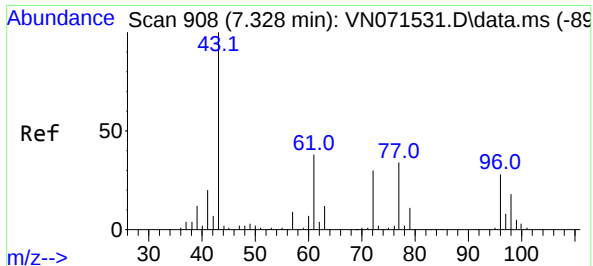
Tgt Ion: 43 Resp: 22617
Ion Ratio Lower Upper
43 100
74 26.3 21.6 32.4



#20
Methylene Chloride
Concen: 1.307 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

Tgt Ion: 84 Resp: 12586
Ion Ratio Lower Upper
84 100
49 107.4 88.3 132.5
51 28.1 28.2 42.2#
86 48.3 50.6 76.0#





#25

2-Butanone

Concen: 0.886 ug/l

RT: 7.345 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN071549.D

Acq: 25 Mar 2022 15:53

Instrument :

MSVOA_N

ClientSampleId :

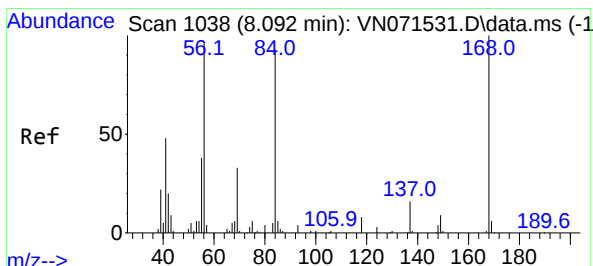
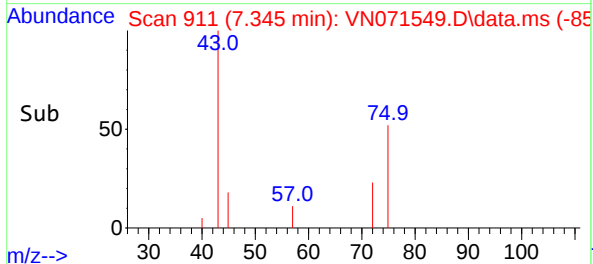
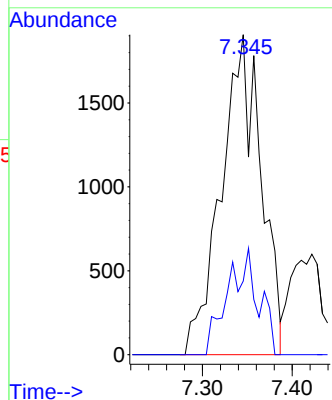
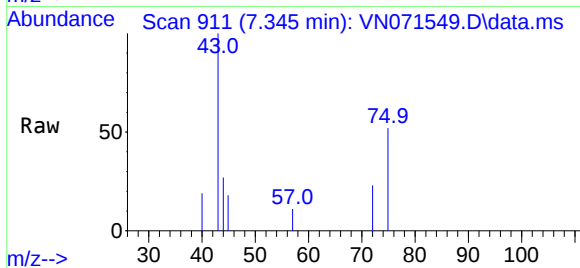
PB143557ZHE#08

Tgt Ion: 43 Resp: 5872

Ion Ratio Lower Upper

43 100

72 23.0 23.7 35.5#



#31

Cyclohexane

Concen: 1.079 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VN071549.D

Acq: 25 Mar 2022 15:53

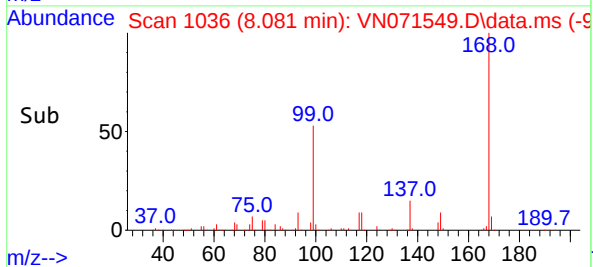
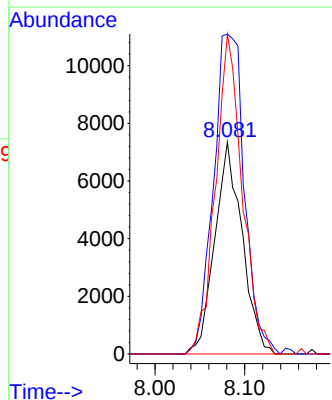
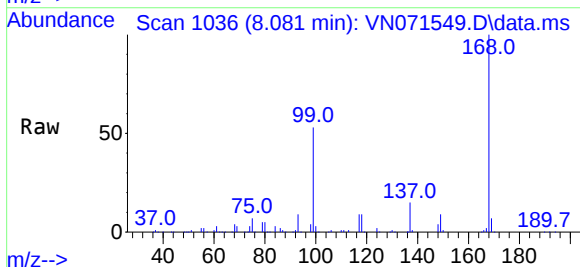
Tgt Ion: 56 Resp: 15561

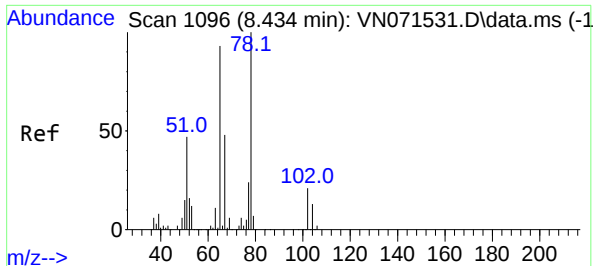
Ion Ratio Lower Upper

56 100

69 150.9 27.8 41.8#

84 150.7 76.9 115.3#

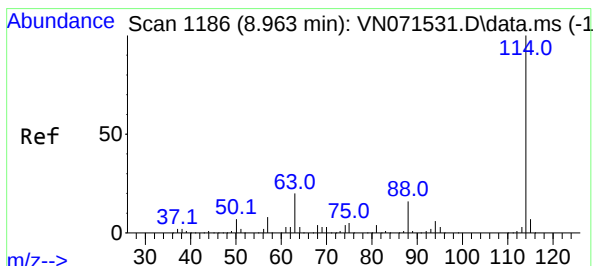
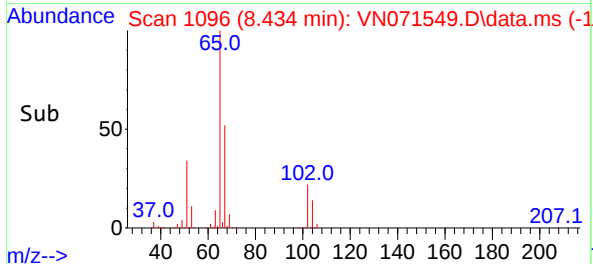
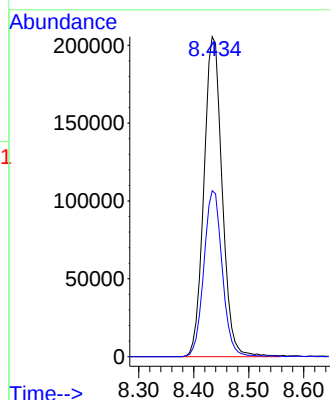
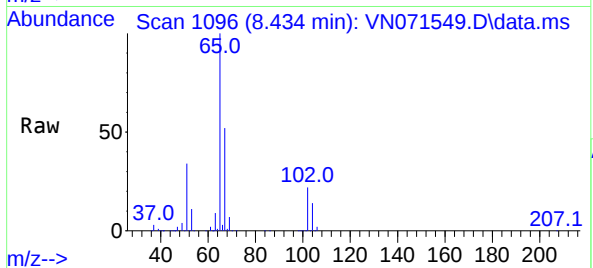




#33
1,2-Dichloroethane-d4
Concen: 47.067 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

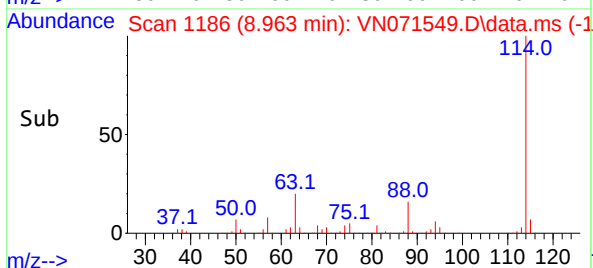
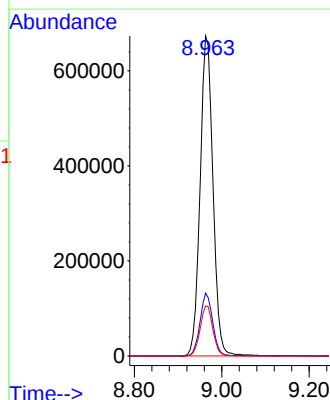
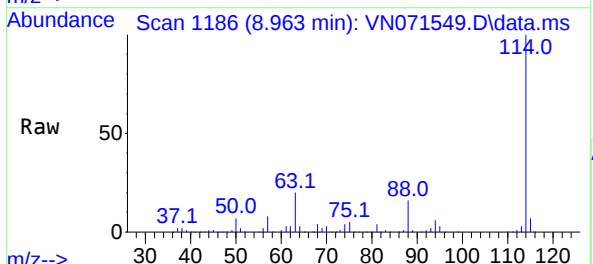
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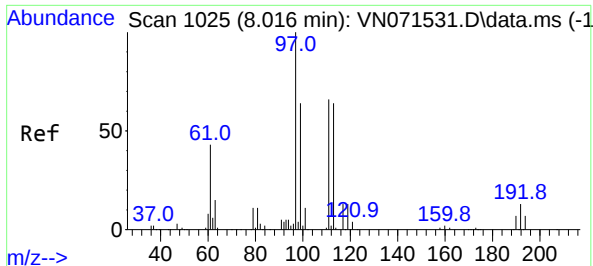
Tgt Ion: 65 Resp: 474474
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

Tgt Ion: 114 Resp: 1380909
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.0
88 15.7 0.0 32.6

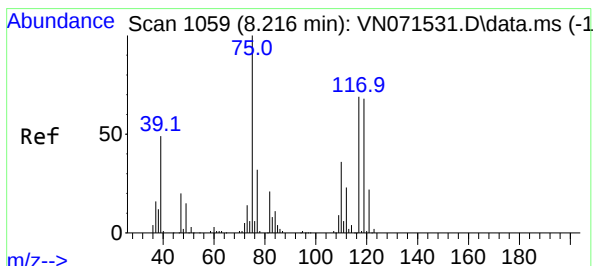
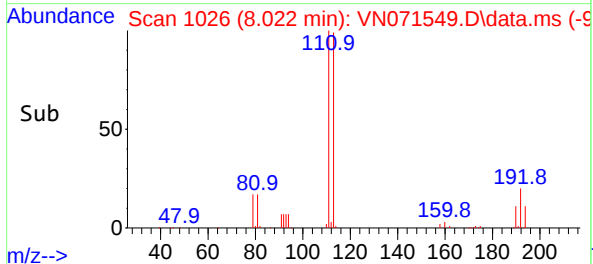
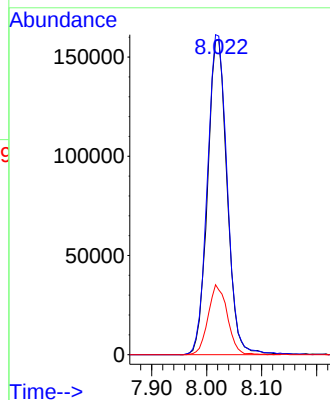
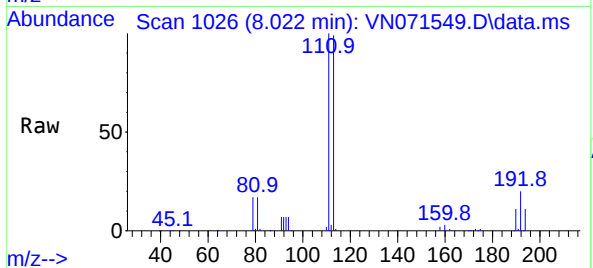




#35
Dibromofluoromethane
Concen: 44.996 ug/l
RT: 8.022 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

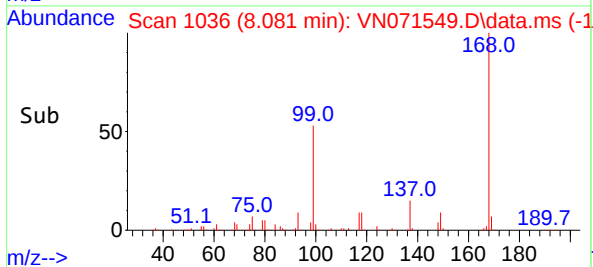
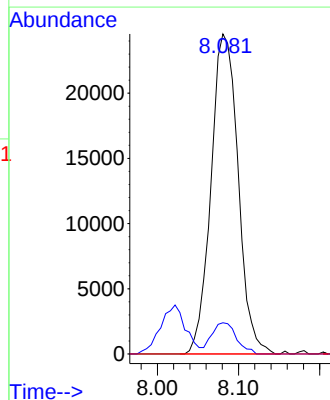
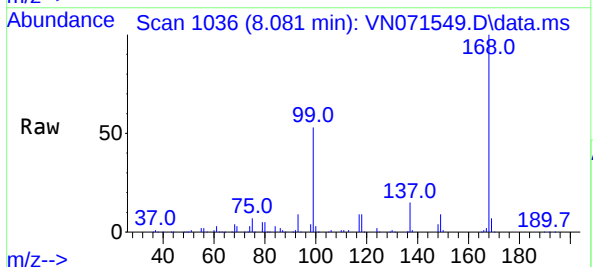
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#08

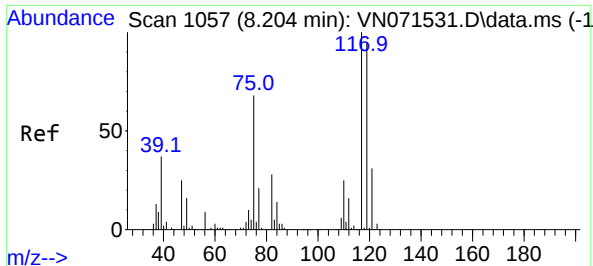
Tgt Ion:113 Resp: 390502
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 22.0 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.556 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

Tgt Ion: 75 Resp: 57006
Ion Ratio Lower Upper
75 100
110 8.7 18.3 54.8#
77 0.0 25.1 37.7#

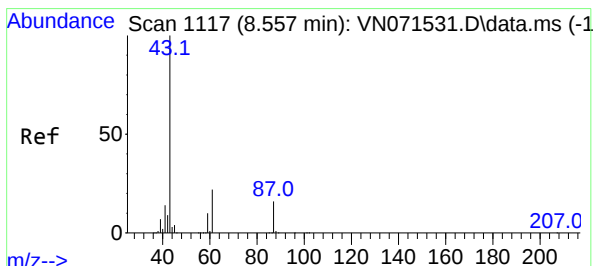
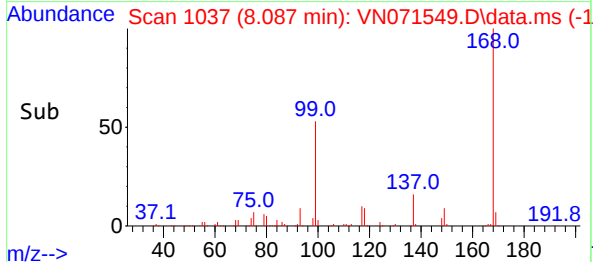
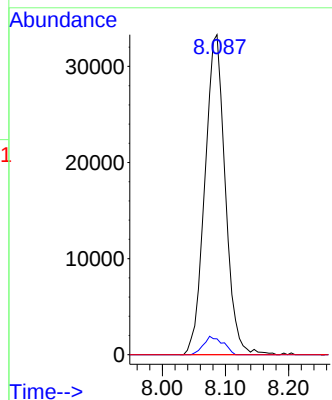
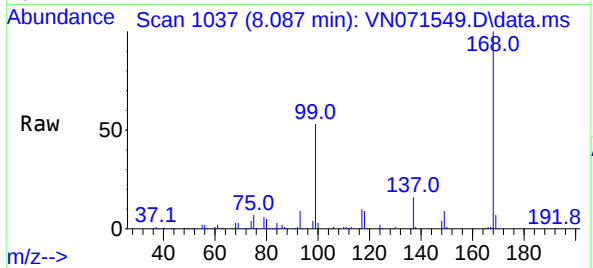




#38
Carbon Tetrachloride
Concen: 6.124 ug/l
RT: 8.087 min Scan# 1057
Delta R.T. -0.118 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

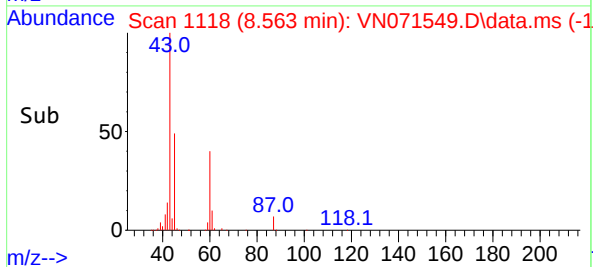
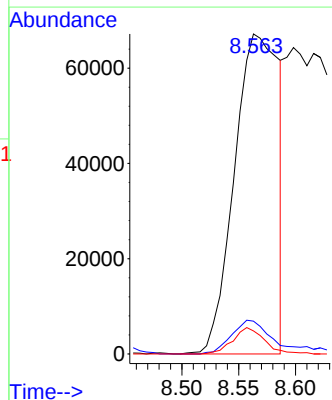
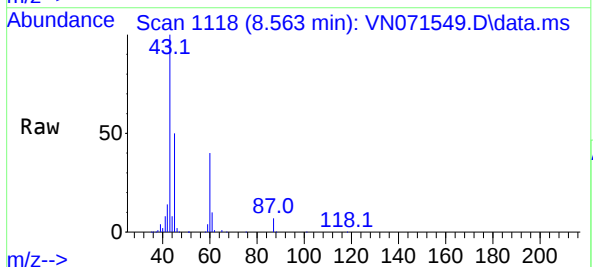
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#08

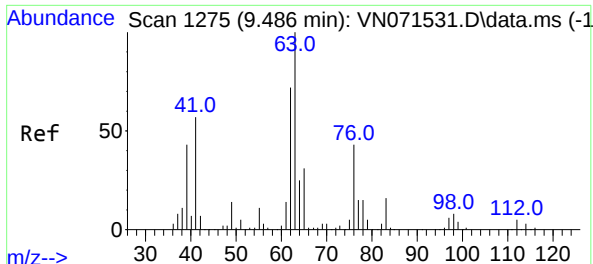
Tgt Ion:117 Resp: 74699
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 8.000 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

Tgt Ion: 43 Resp: 181881
Ion Ratio Lower Upper
43 100
61 10.7 21.9 32.9#
87 5.9 12.0 18.0#

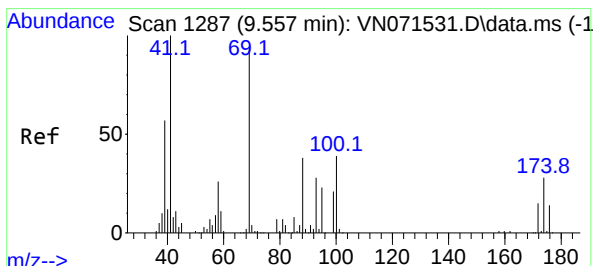
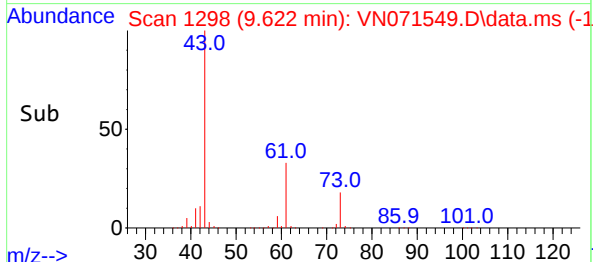
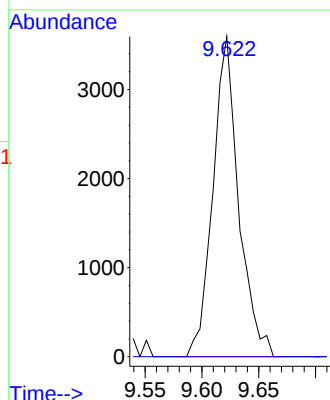
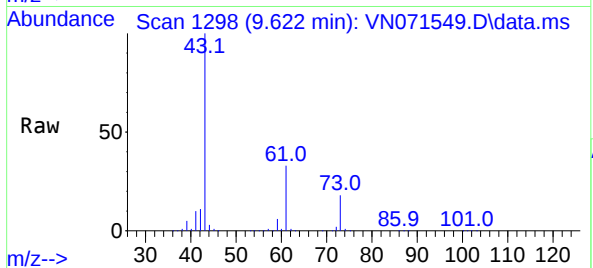




#45
1,2-Dichloropropane
Concen: 0.586 ug/l
RT: 9.622 min Scan# 1298
Delta R.T. 0.135 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

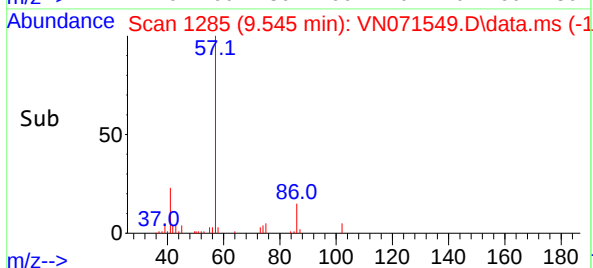
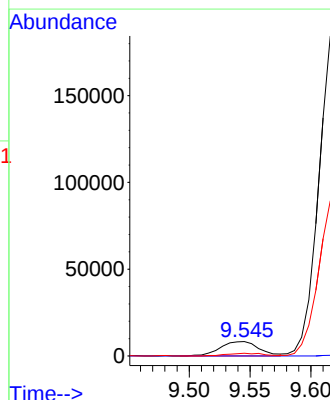
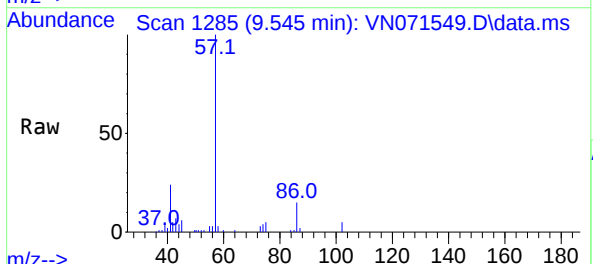
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#08

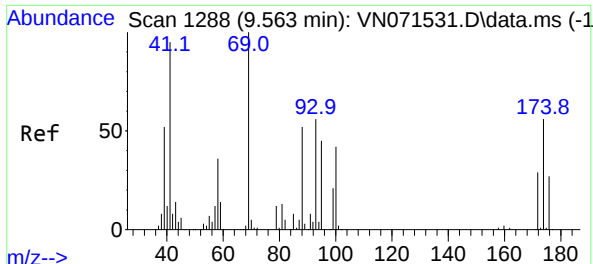
Tgt Ion: 63 Resp: 5654
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 1.857 ug/l
RT: 9.545 min Scan# 1285
Delta R.T. -0.012 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

Tgt Ion: 41 Resp: 18287
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 0.0 45.6 68.4#

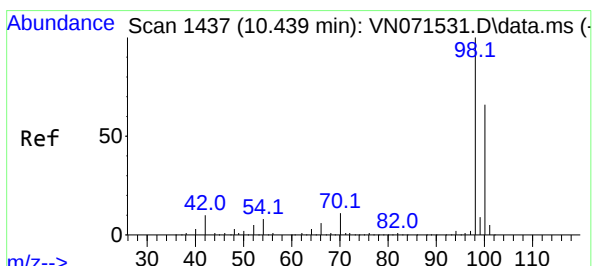
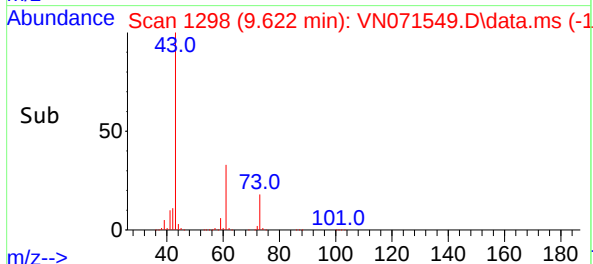
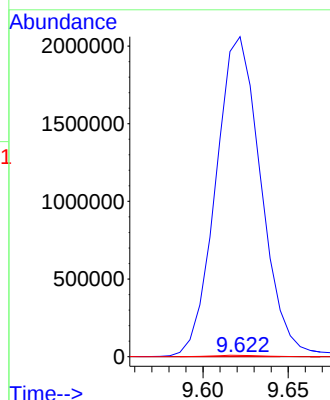
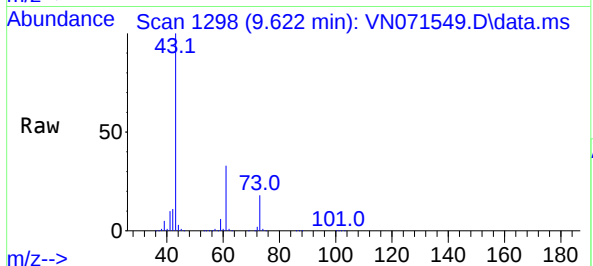




#49
1,4-Dioxane
Concen: 2.940 ug/l
RT: 9.622 min Scan# 1298
Delta R.T. 0.059 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

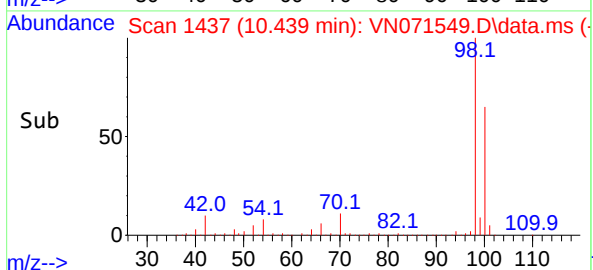
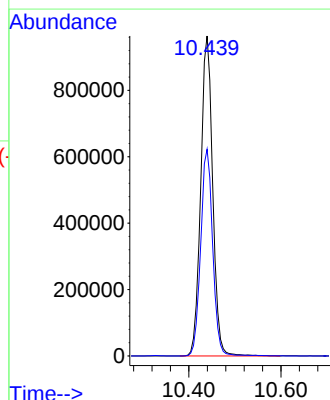
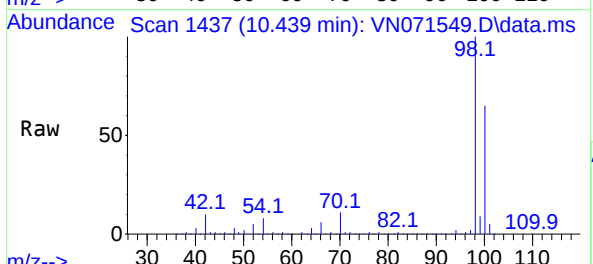
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#08

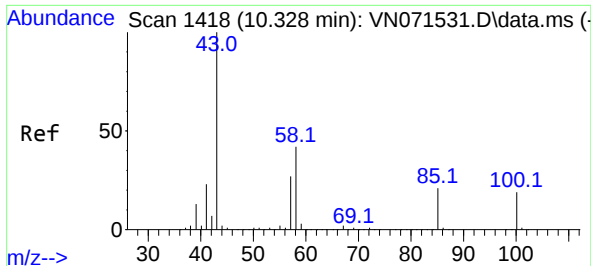
Tgt Ion: 88 Resp: 668
Ion Ratio Lower Upper
88 100
43 577230.8 20.2 30.4#
58 2658.2 54.2 81.4#



#50
Toluene-d8
Concen: 49.743 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

Tgt Ion: 98 Resp: 1741273
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

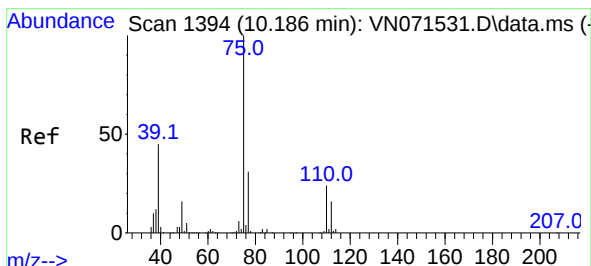
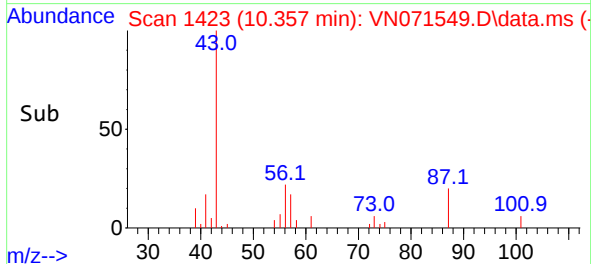
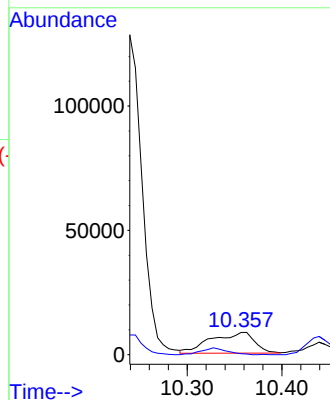
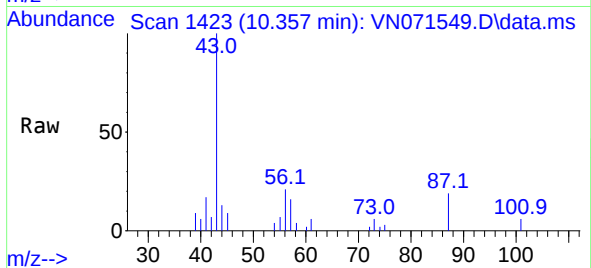




#51
4-Methyl-2-Pentanone
Concen: 1.963 ug/l
RT: 10.357 min Scan# 1418
Delta R.T. 0.029 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

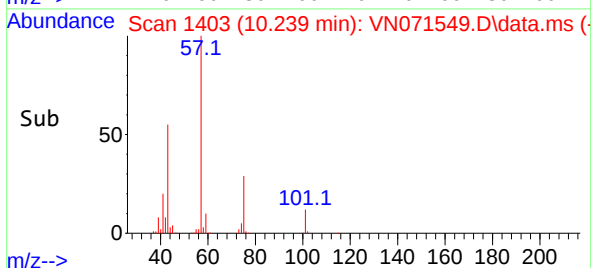
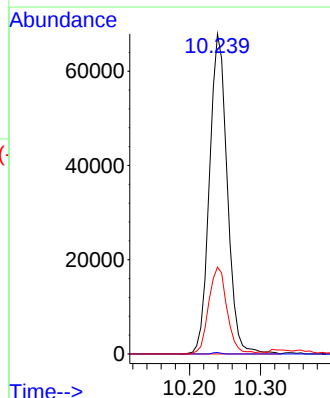
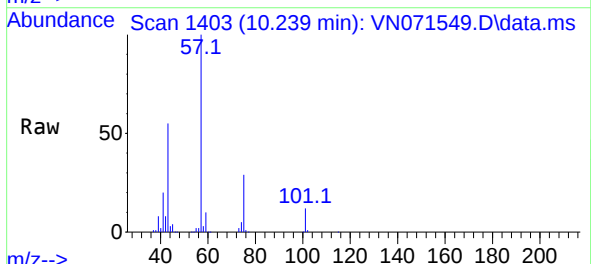
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#08

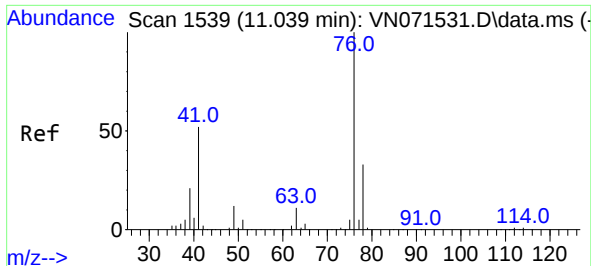
Tgt Ion: 43 Resp: 26801
Ion Ratio Lower Upper
43 100
58 0.0 34.1 51.1#



#54
cis-1,3-Dichloropropene
Concen: 7.757 ug/l
RT: 10.239 min Scan# 1403
Delta R.T. 0.053 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

Tgt Ion: 75 Resp: 118399
Ion Ratio Lower Upper
75 100
77 0.4 25.2 37.8#
39 27.2 35.7 53.5#





#57

1,3-Dichloropropane

Concen: 4.554 ug/l

RT: 11.086 min Scan# 1547

Delta R.T. 0.047 min

Lab File: VN071549.D

Acq: 25 Mar 2022 15:53

Instrument :

MSVOA_N

ClientSampleId :

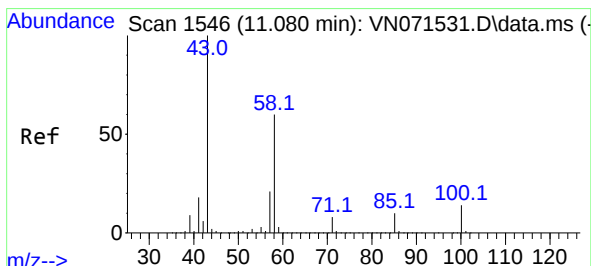
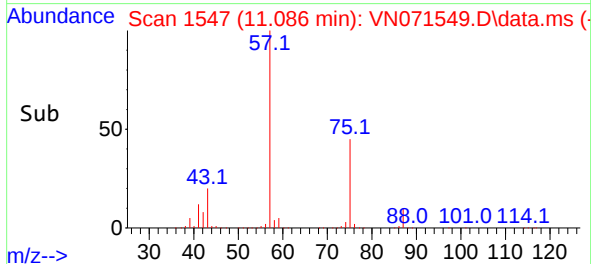
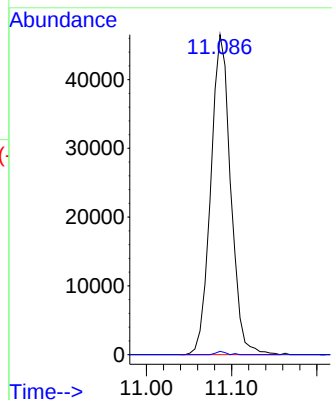
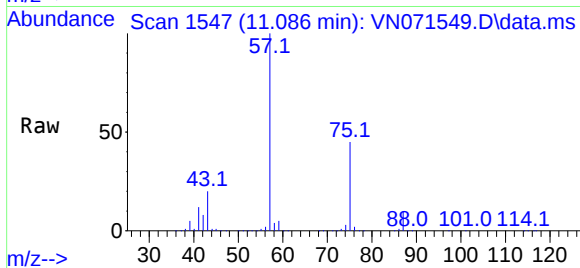
PB143557ZHE#08

Tgt Ion: 76 Resp: 75721

Ion Ratio Lower Upper

76 100

78 0.5 26.2 39.2#



#59

2-Hexanone

Concen: 100.768 ug/l

RT: 11.086 min Scan# 1547

Delta R.T. 0.006 min

Lab File: VN071549.D

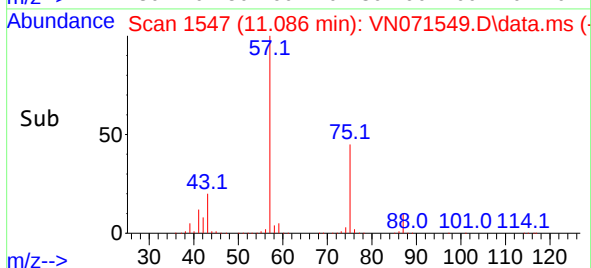
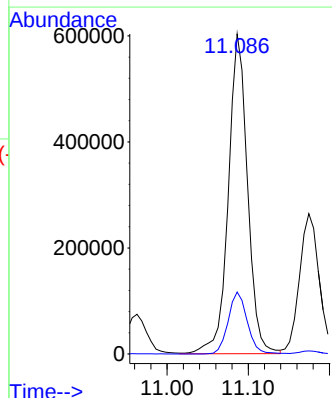
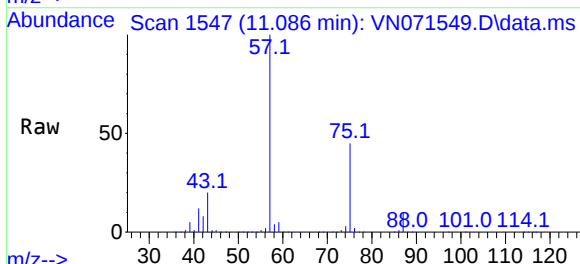
Acq: 25 Mar 2022 15:53

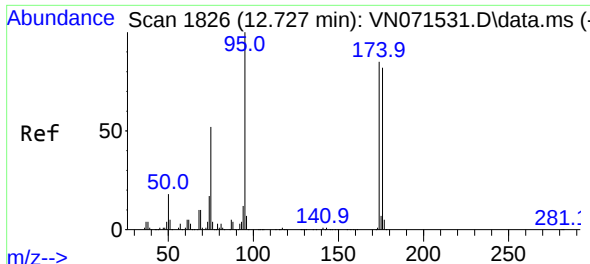
Tgt Ion: 43 Resp: 991937

Ion Ratio Lower Upper

43 100

58 19.2 29.7 89.1#

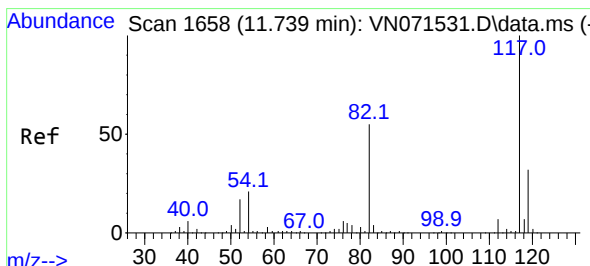
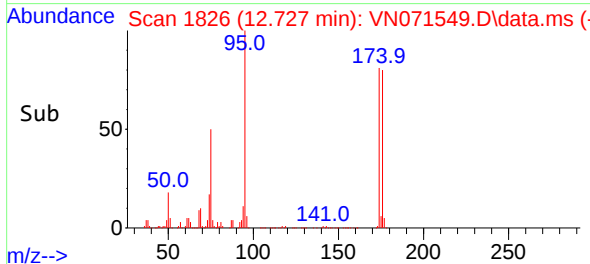
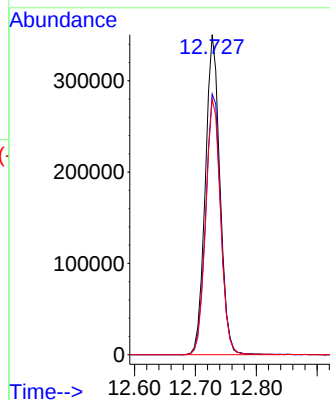
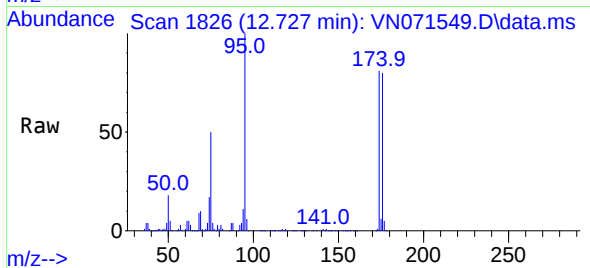




#62
4-Bromofluorobenzene
Concen: 50.684 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

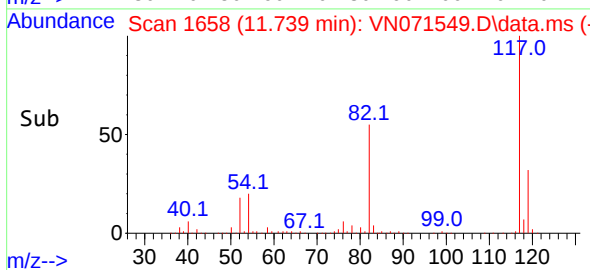
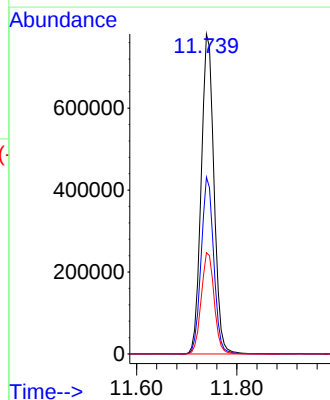
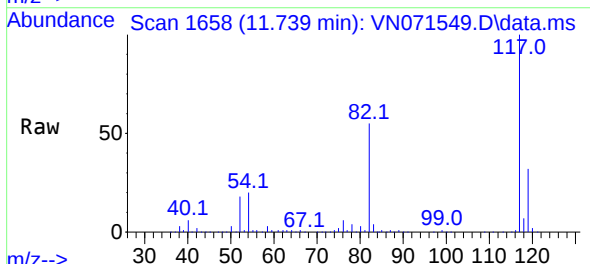
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#08

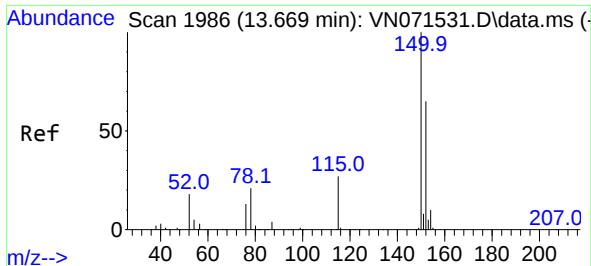
Tgt Ion: 95 Resp: 581343
Ion Ratio Lower Upper
95 100
174 84.3 0.0 167.6
176 81.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

Tgt Ion: 117 Resp: 1384090
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 31.7 25.4 38.0

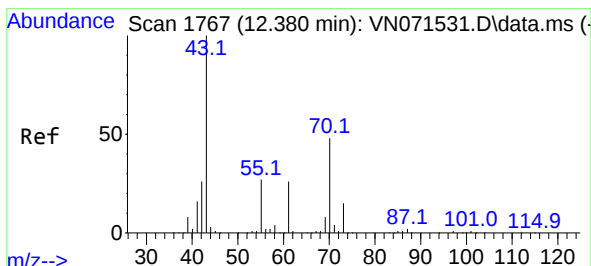
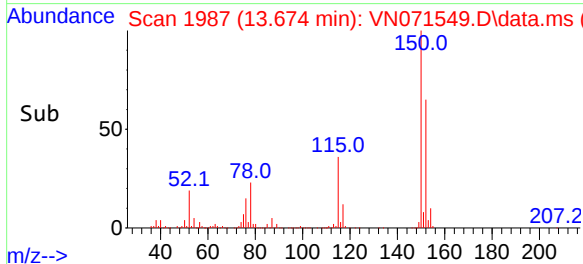
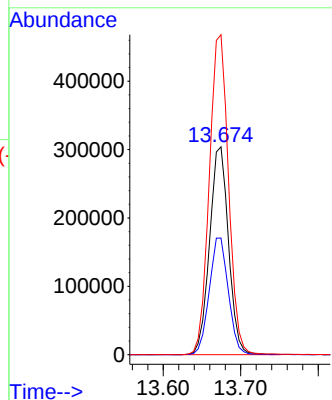
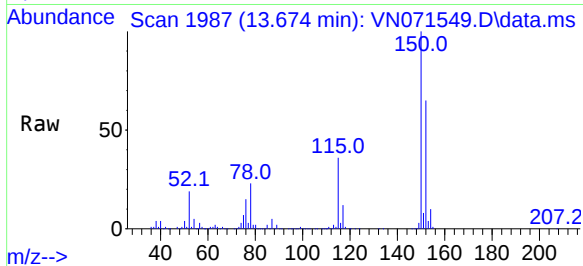




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

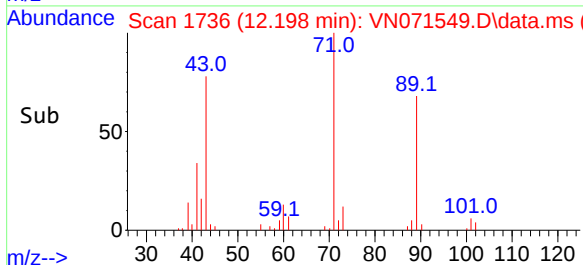
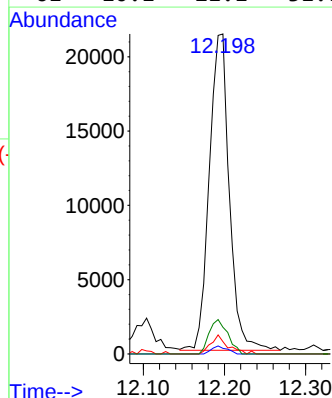
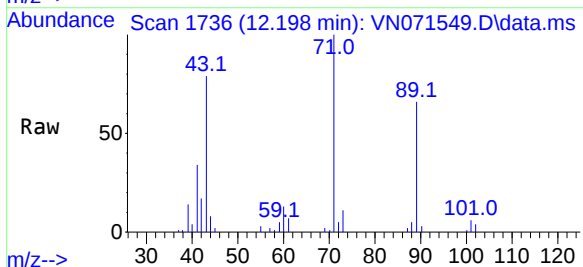
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#08

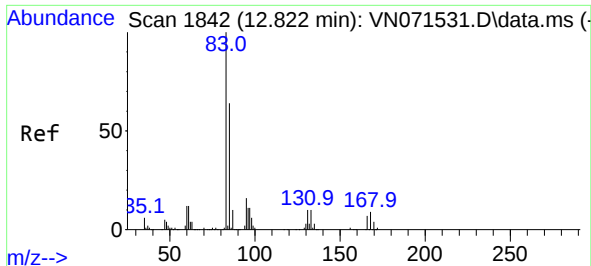
Tgt Ion:152 Resp: 516538
Ion Ratio Lower Upper
152 100
115 56.6 28.9 86.7
150 156.5 0.0 356.2



#74
N-ethyl acetate
Concen: 2.493 ug/l
RT: 12.198 min Scan# 1736
Delta R.T. -0.182 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

Tgt Ion: 43 Resp: 36498
Ion Ratio Lower Upper
43 100
70 1.9 39.0 58.4#
55 5.1 21.1 31.7#
61 10.1 21.1 31.7#

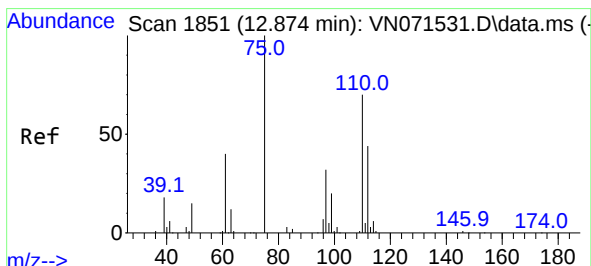
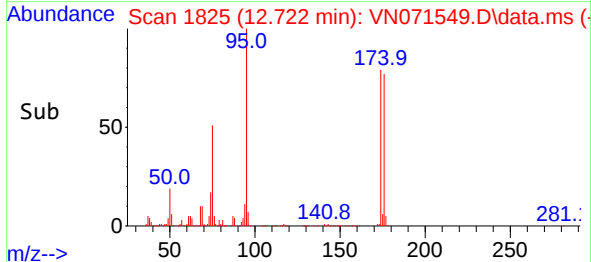
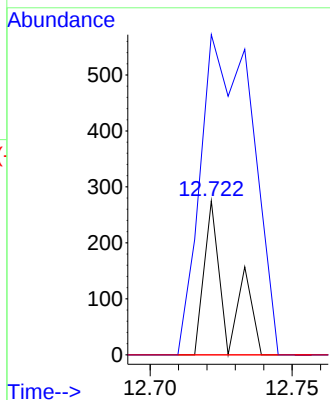
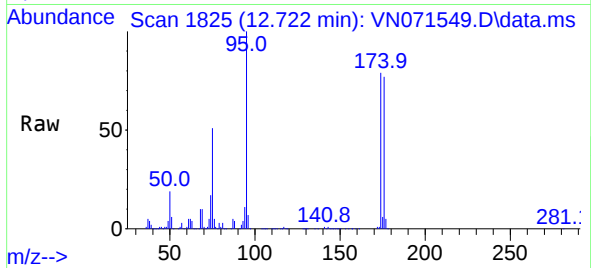




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.722 min Scan# 1825
Delta R.T. -0.100 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

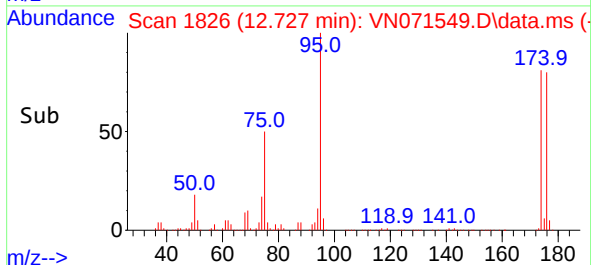
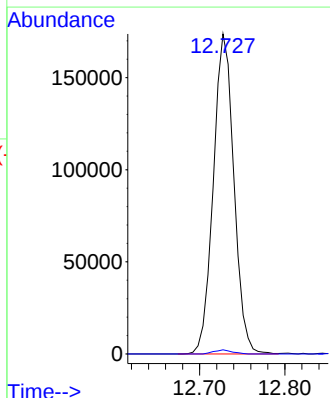
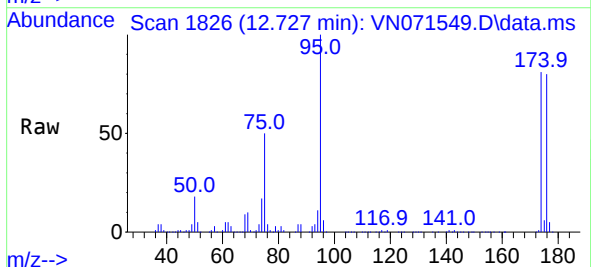
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#08

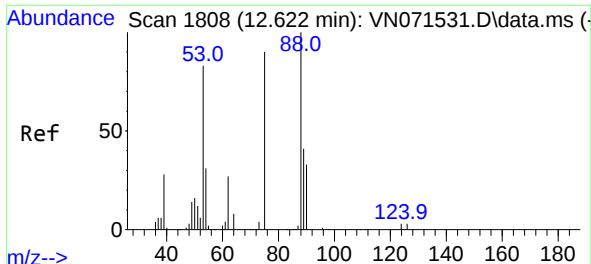
Tgt Ion: 83 Resp: 152
Ion Ratio Lower Upper
83 100
131 477.0 5.3 15.9#
85 0.0 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 25.285 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

Tgt Ion: 75 Resp: 291231
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#

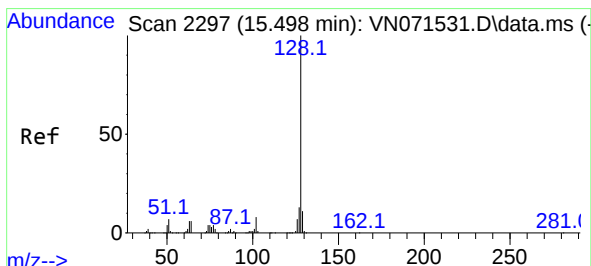
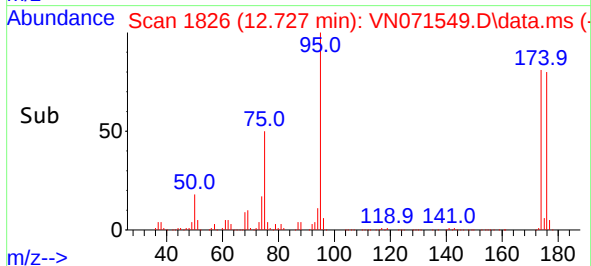
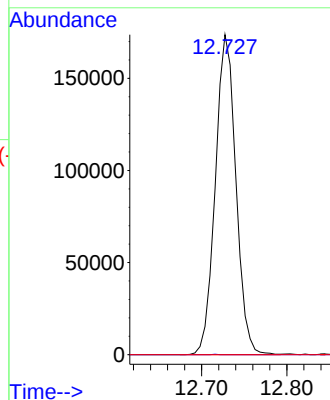
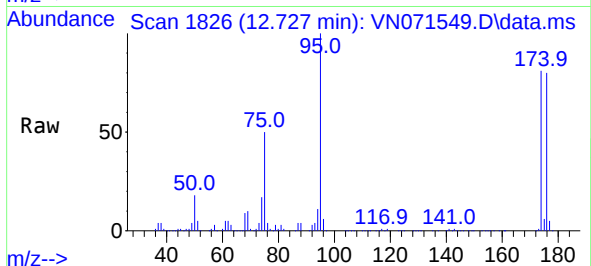




#81
trans-1,4-Dichloro-2-butene
Concen: 67.694 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#08

Tgt Ion: 75 Resp: 291231
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.268 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071549.D
Acq: 25 Mar 2022 15:53

Tgt Ion:128 Resp: 1499
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

