

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071548.D
 Acq On : 25 Mar 2022 15:29
 Operator : JC\MD
 Sample : PB143557ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143557ZHE#07

Quant Time: Mar 26 04:02:40 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)

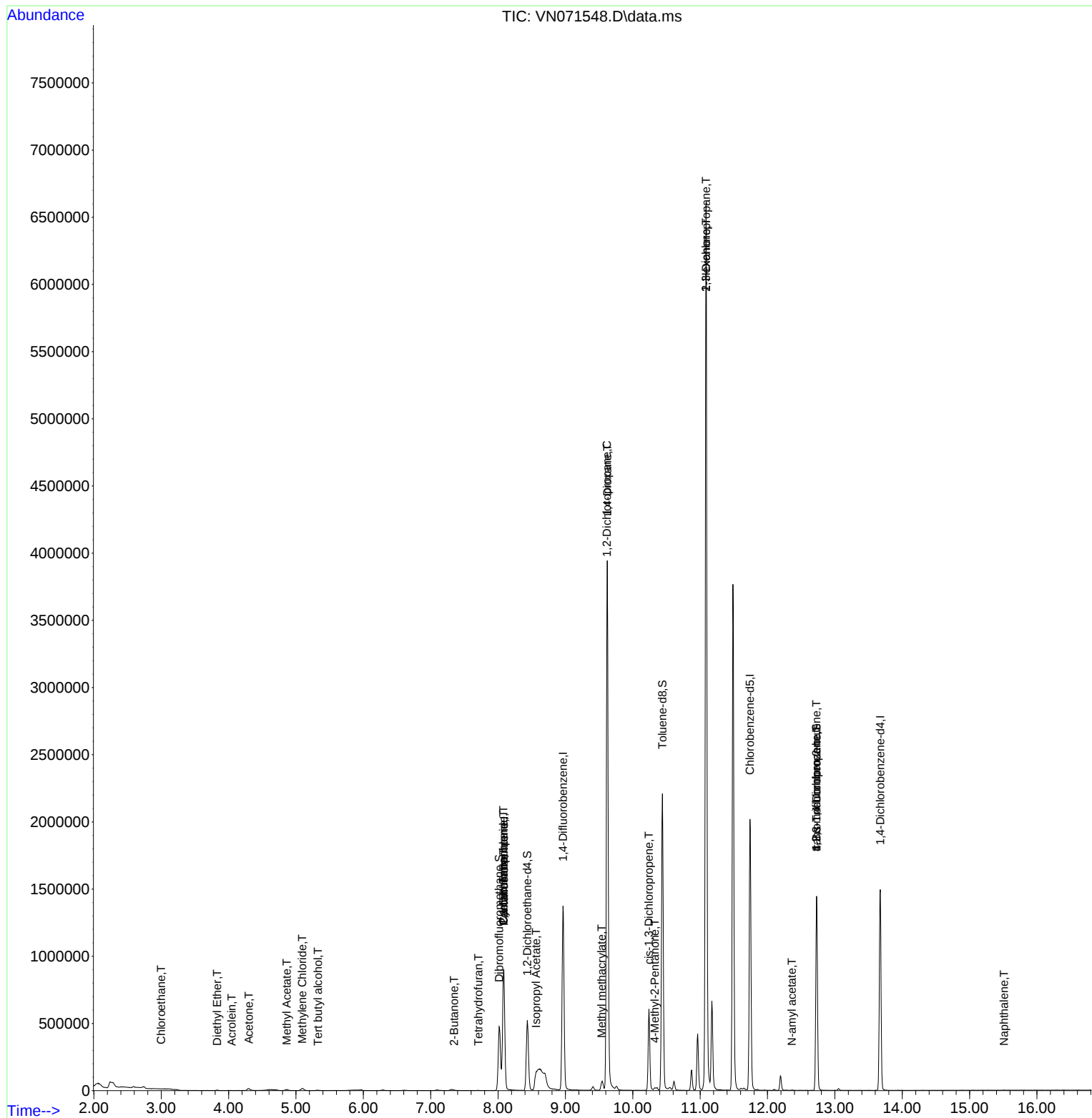
Internal Standards						
1) Pentafluorobenzene	8.087	168	739874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1251171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1236269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	441821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	437163	47.558	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.120%		
35) Dibromofluoromethane	8.016	113	357462	45.460	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.920%		
50) Toluene-d8	10.439	98	1570142	49.505	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.020%		
62) 4-Bromofluorobenzene	12.727	95	514262	49.485	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.960%		
Target Compounds						Qvalue
3) Chloromethane	2.299	50	2282	Below Cal	#	86
6) Chloroethane	2.999	64	1396	0.200	ug/l	90
8) Diethyl Ether	3.828	74	1698	0.339	ug/l	73
11) Tert butyl alcohol	5.328	59	2716	1.586	ug/l	# 72
13) Acrolein	4.046	56	291	0.222	ug/l	# 51
16) Acetone	4.299	43	27357	7.261	ug/l	96
18) Methyl Acetate	4.863	43	16845	0.474	ug/l	99
20) Methylene Chloride	5.093	84	12759	1.453	ug/l	85
25) 2-Butanone	7.345	43	5739	0.949	ug/l	# 85
29) Tetrahydrofuran	7.710	42	1445	0.359	ug/l	# 72
31) Cyclohexane	8.081	56	14349	1.091	ug/l	# 2
36) 1,1-Dichloropropene	8.081	75	52120	4.597	ug/l	# 48
38) Carbon Tetrachloride	8.081	117	67419	6.100	ug/l	# 17
43) Isopropyl Acetate	8.563	43	148911	7.189	ug/l	# 72
45) 1,2-Dichloropropane	9.616	63	5488	0.628	ug/l	# 44
48) Methyl methacrylate	9.539	41	17616	1.975	ug/l	# 10
49) 1,4-Dioxane	9.622	88	700	3.400	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.328	43	13866	1.121	ug/l	89
54) cis-1,3-Dichloropropene	10.239	75	116622	8.433	ug/l	# 62
57) 1,3-Dichloropropane	11.086	76	76280	5.063	ug/l	# 42
59) 2-Hexanone	11.086	43	968026	108.536	ug/l	# 47
74) N-amyl acetate	12.363	43	3215	0.257	ug/l	# 39
75) 1,1,2,2-Tetrachloroethane	12.733	83	210	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	255750	25.959	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	255750	69.500	ug/l	# 10
95) Naphthalene	15.510	128	1344	3.270	ug/l	# 75

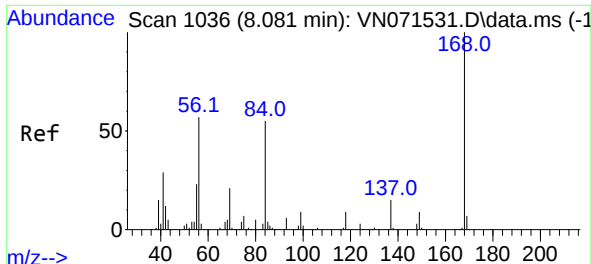
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
Data File : VN071548.D
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Sample : PB143557ZHE#07
Misc : 5.0mL/MSVOA_N/WATER
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Instrument :
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Quant Title : SW846 8260
QLast Update : Fri Mar 25 09:52:40 2022
Response via : Initial Calibration

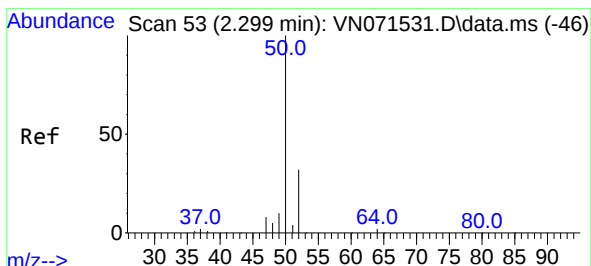
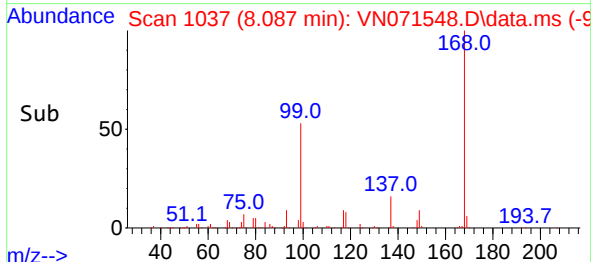
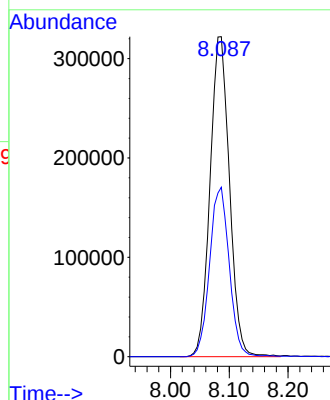
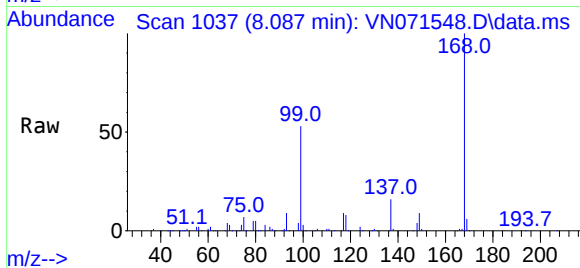




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

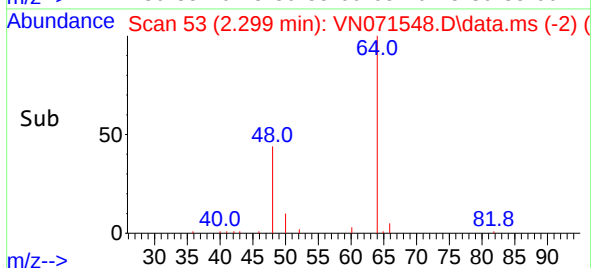
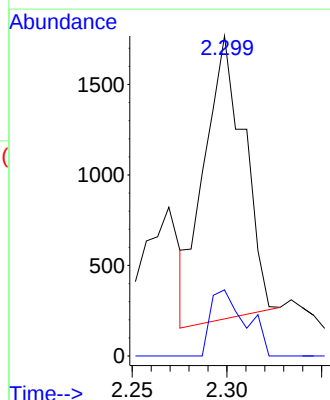
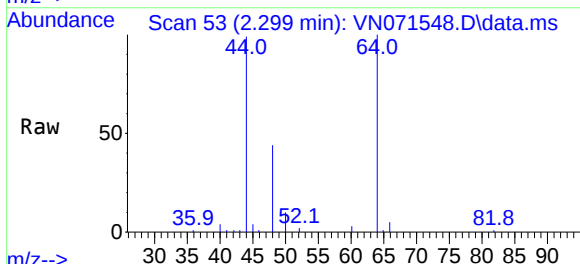
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#07

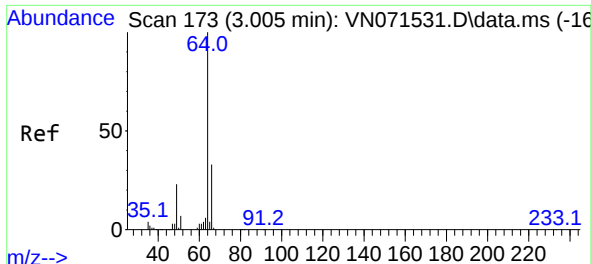
Tgt Ion:168 Resp: 739874
Ion Ratio Lower Upper
168 100
99 53.0 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

Tgt Ion: 50 Resp: 2282
Ion Ratio Lower Upper
50 100
52 24.3 25.7 38.5#

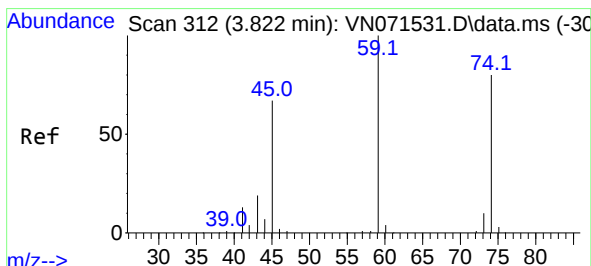
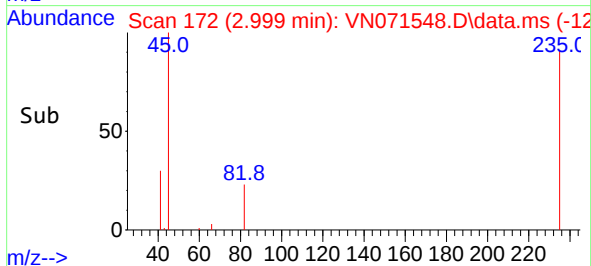
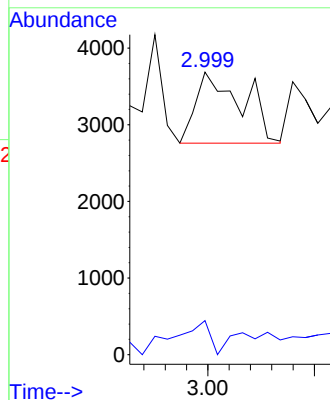
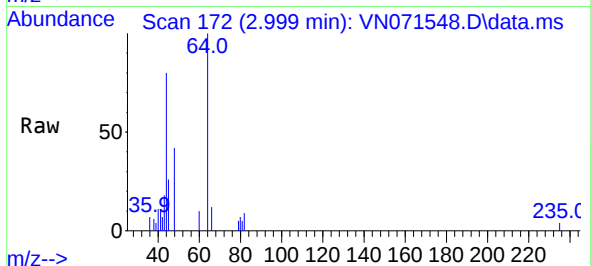




#6
Chloroethane
Concen: 0.200 ug/l
RT: 2.999 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

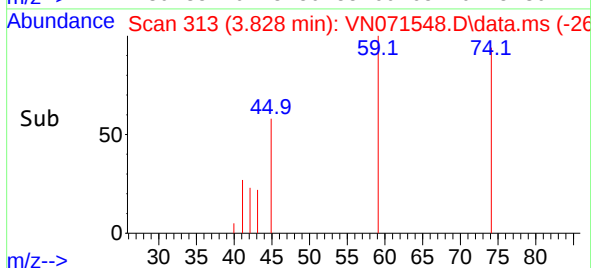
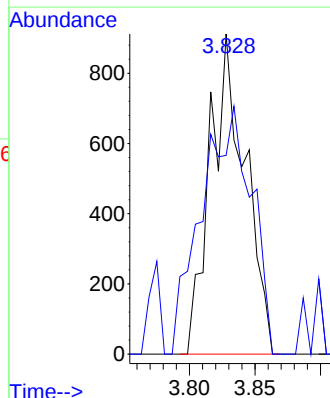
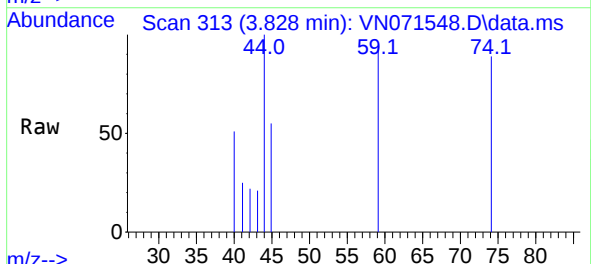
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#07

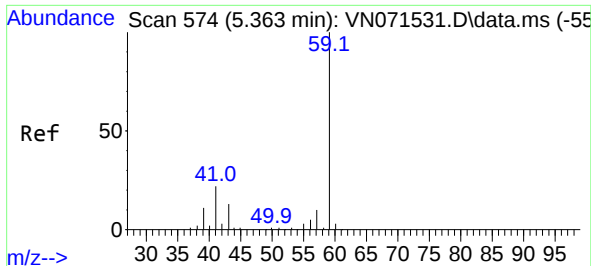
Tgt Ion: 64 Resp: 1396
Ion Ratio Lower Upper
64 100
66 27.2 26.2 39.4



#8
Diethyl Ether
Concen: 0.339 ug/l
RT: 3.828 min Scan# 313
Delta R.T. 0.006 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

Tgt Ion: 74 Resp: 1698
Ion Ratio Lower Upper
74 100
45 110.5 42.9 128.5

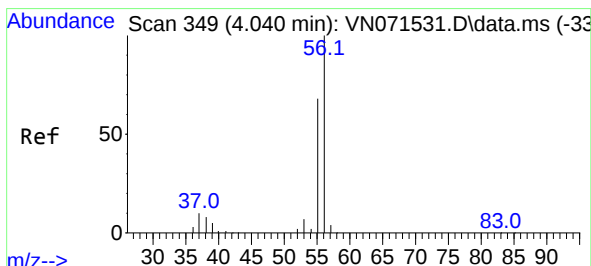
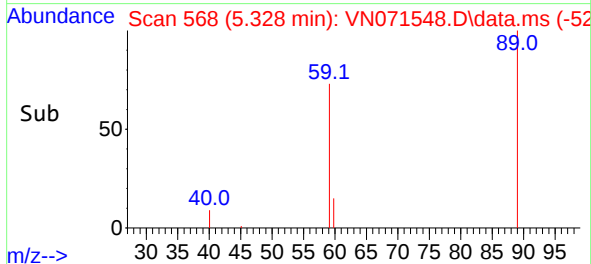
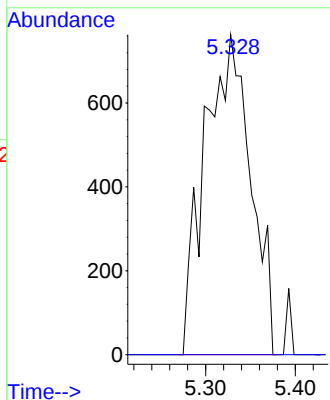
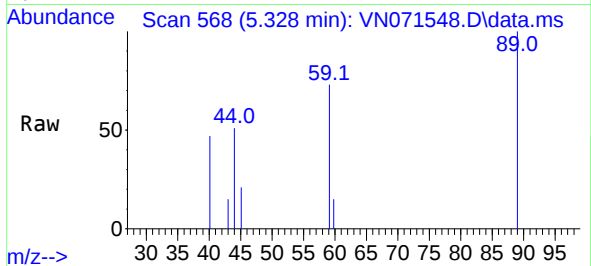




#11
Tert butyl alcohol
Concen: 1.586 ug/l
RT: 5.328 min Scan# 50
Delta R.T. -0.035 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

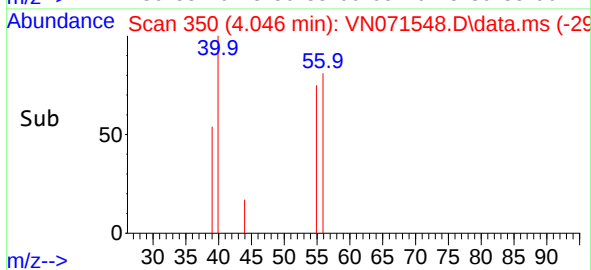
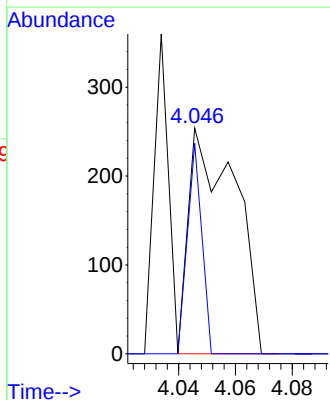
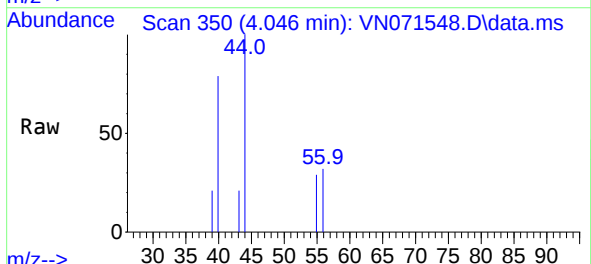
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#07

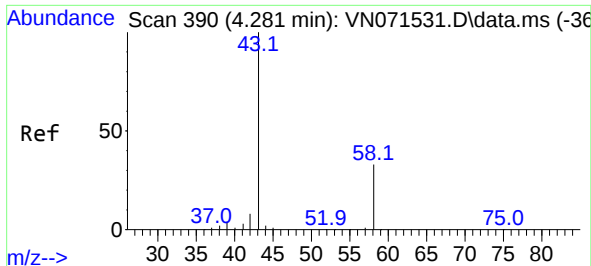
Tgt Ion: 59 Resp: 2716
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 0.222 ug/l
RT: 4.046 min Scan# 350
Delta R.T. 0.006 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

Tgt Ion: 56 Resp: 291
Ion Ratio Lower Upper
56 100
55 28.9 54.8 82.2#

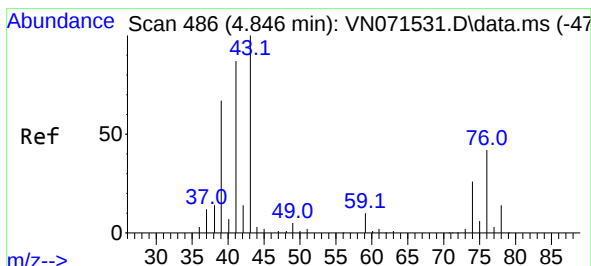
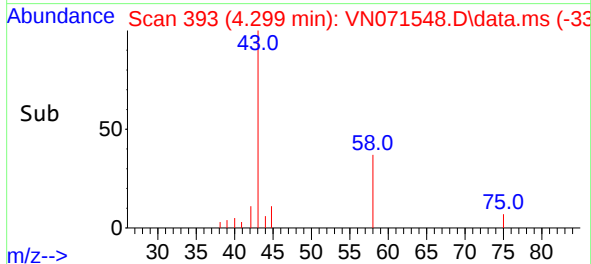
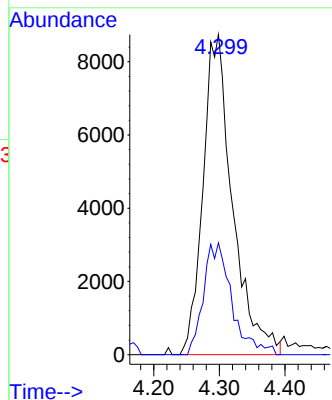
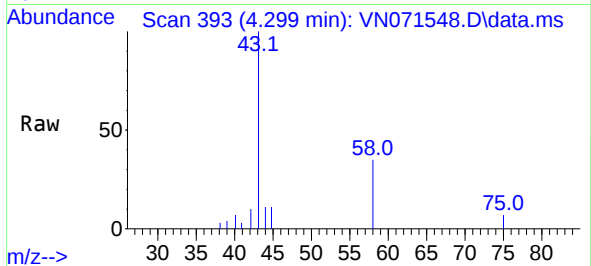




#16
Acetone
Concen: 7.261 ug/l
RT: 4.299 min Scan# 390
Delta R.T. 0.018 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

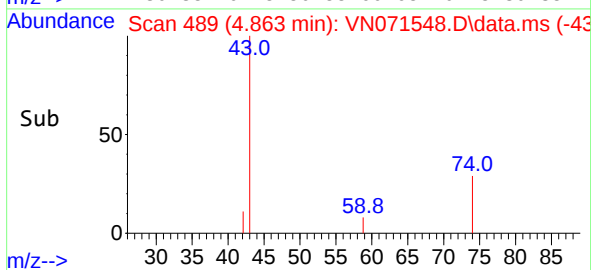
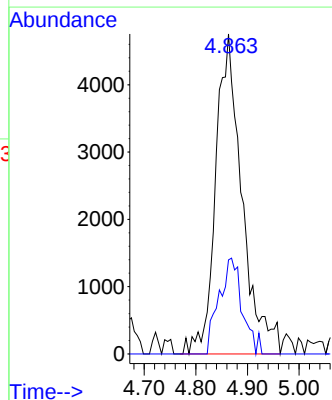
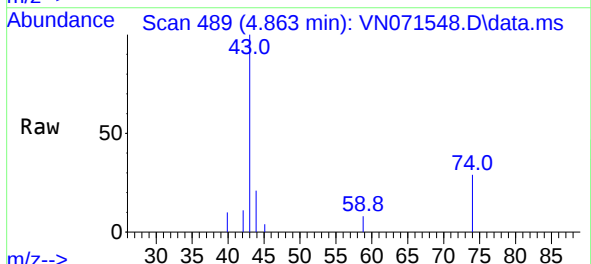
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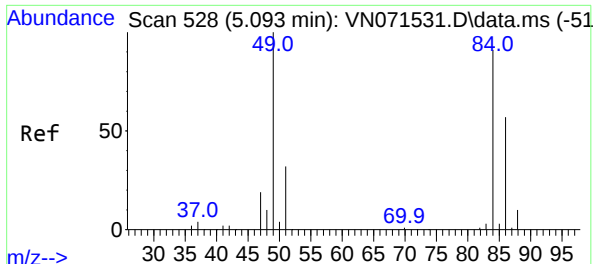
Tgt Ion: 43 Resp: 27357
Ion Ratio Lower Upper
43 100
58 34.9 26.0 39.0



#18
Methyl Acetate
Concen: 0.474 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.017 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

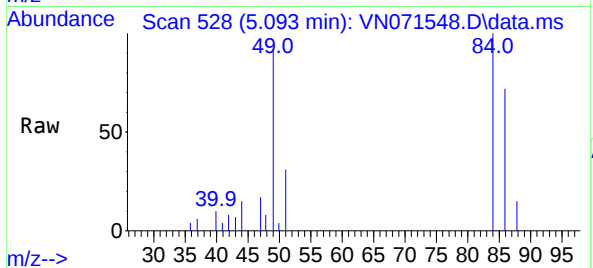
Tgt Ion: 43 Resp: 16845
Ion Ratio Lower Upper
43 100
74 26.4 21.6 32.4



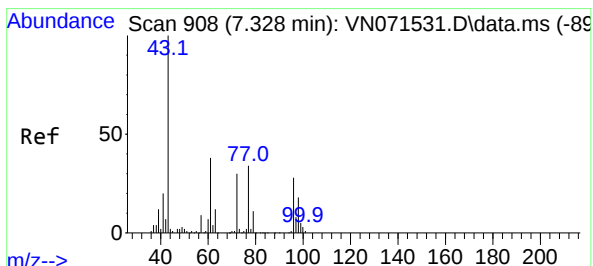
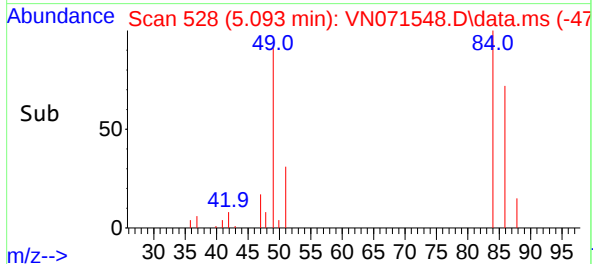
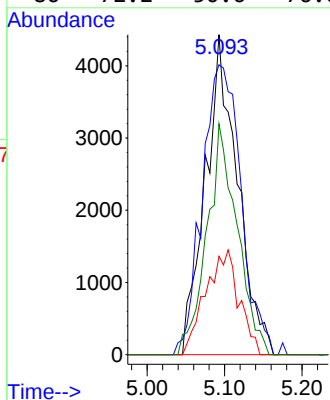


#20
Methylene Chloride
Concen: 1.453 ug/l
RT: 5.093 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

Instrument :
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ClientSampleId :
PB143557ZHE#07

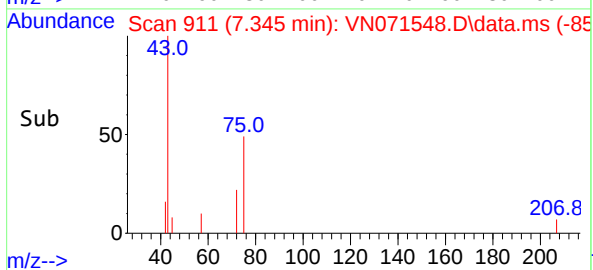
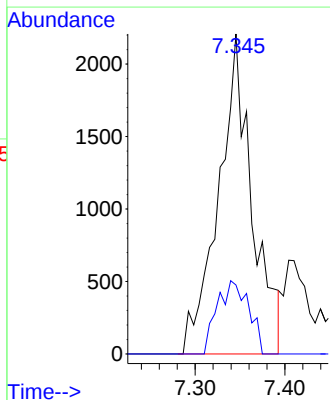
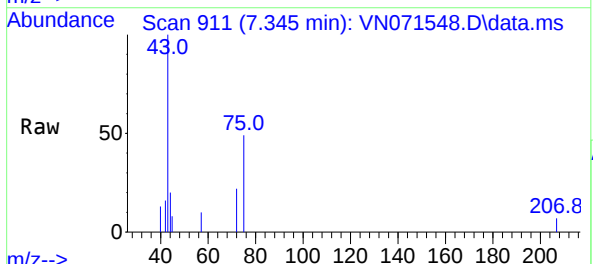


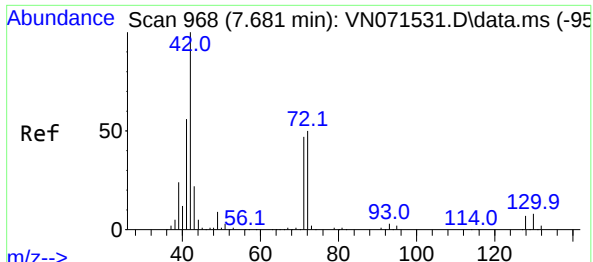
Tgt Ion:	84	Resp:	12759
Ion	Ratio	Lower	Upper
84	100		
49	90.6	88.3	132.5
51	30.8	28.2	42.2
86	72.2	50.6	76.0



#25
2-Butanone
Concen: 0.949 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.018 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

Tgt Ion:	43	Resp:	5739
Ion	Ratio	Lower	Upper
43	100		
72	21.6	23.7	35.5





#29

Tetrahydrofuran

Concen: 0.359 ug/l

RT: 7.710 min Scan# 91

Delta R.T. 0.029 min

Lab File: VN071548.D

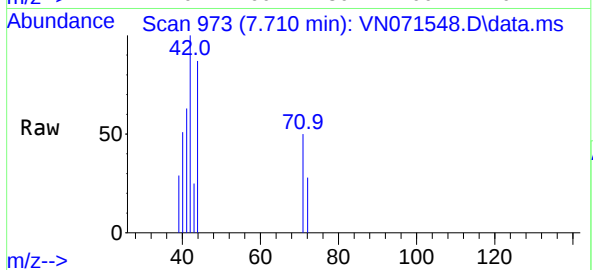
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Instrument :

MSVOA_N

ClientSampleId :

PB143557ZHE#07



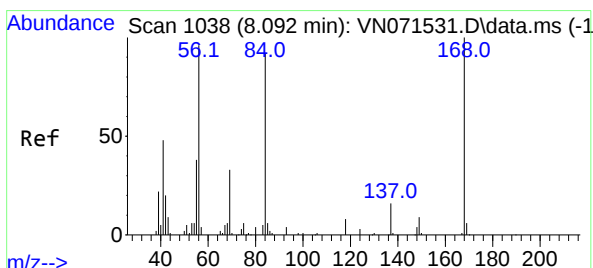
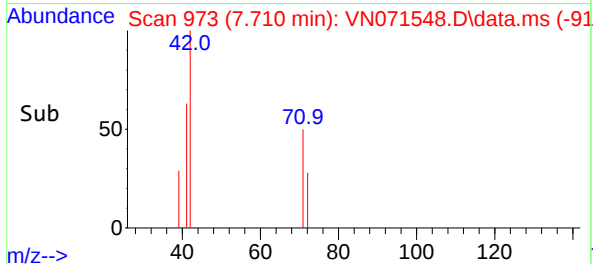
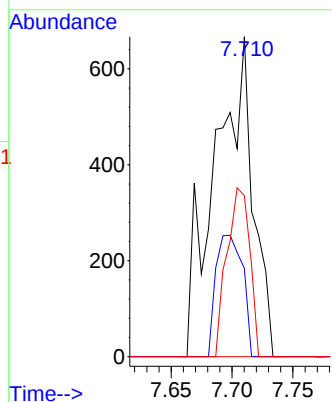
Tgt Ion: 42 Resp: 1445

Ion Ratio Lower Upper

42 100

72 26.6 39.7 59.5#

71 31.8 36.6 55.0#



#31

Cyclohexane

Concen: 1.091 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VN071548.D

Acq: 25 Mar 2022 15:29

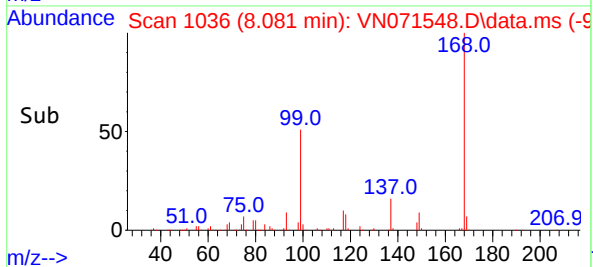
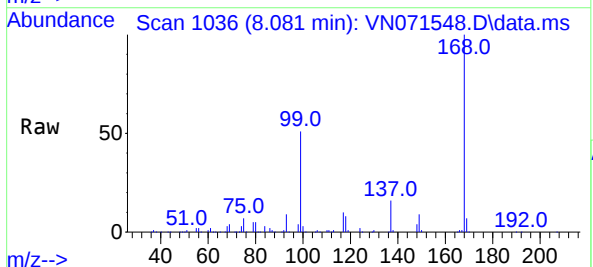
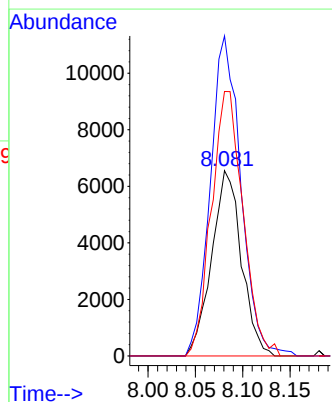
Tgt Ion: 56 Resp: 14349

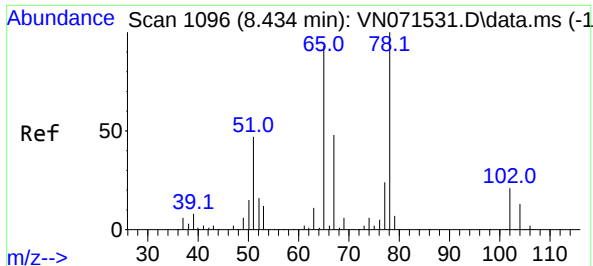
Ion Ratio Lower Upper

56 100

69 172.7 27.8 41.8#

84 142.7 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 47.558 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN071548.D

Acq: 25 Mar 2022 15:29

Instrument :

MSVOA_N

ClientSampleId :

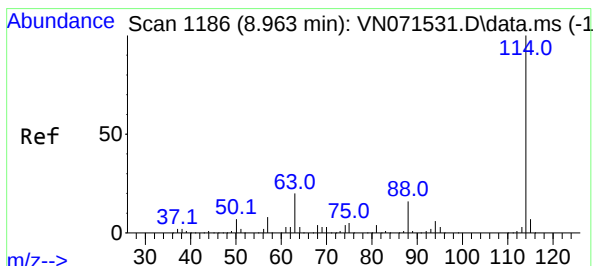
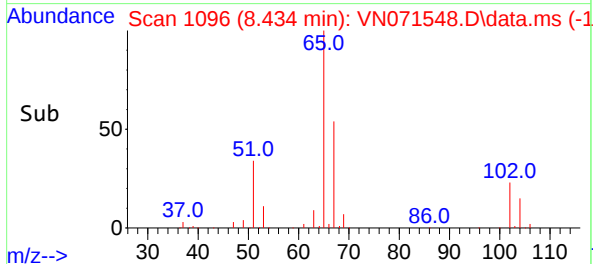
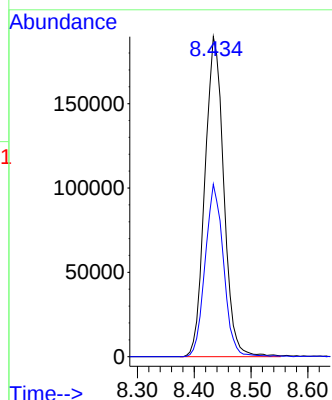
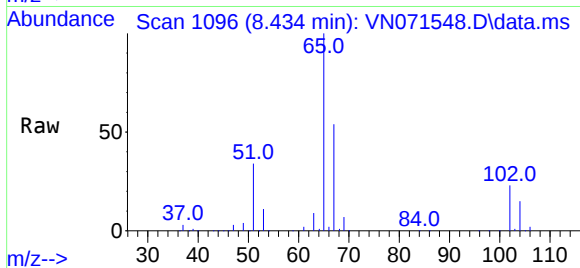
PB143557ZHE#07

Tgt Ion: 65 Resp: 437163

Ion Ratio Lower Upper

65 100

67 52.3 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: VN071548.D

Acq: 25 Mar 2022 15:29

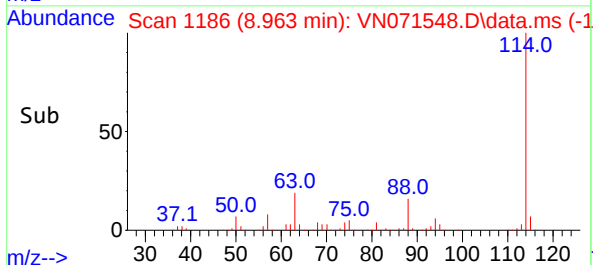
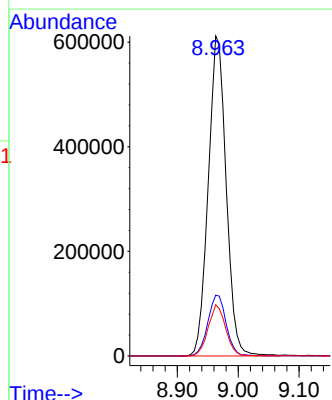
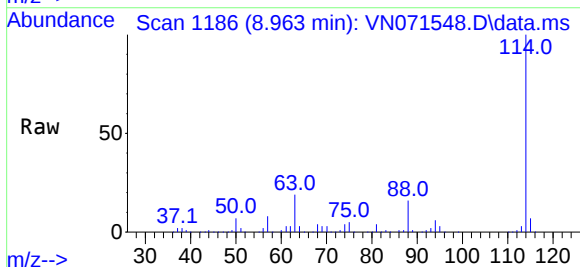
Tgt Ion: 114 Resp: 1251171

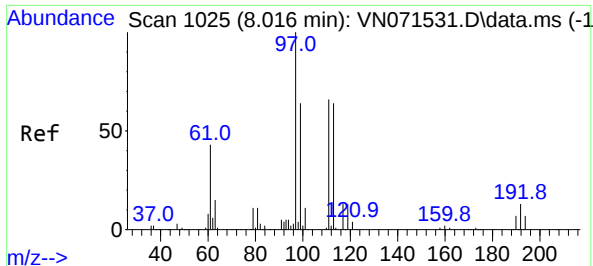
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 16.0 0.0 32.6

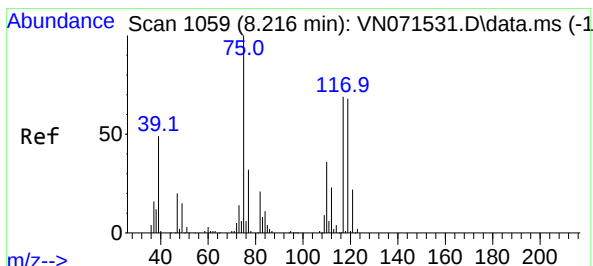
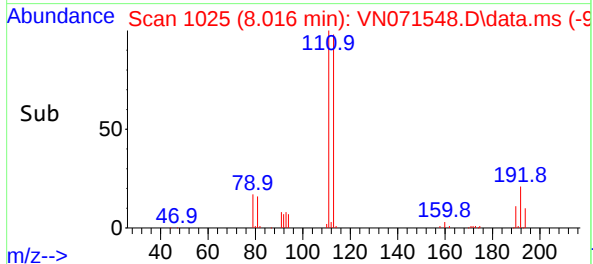
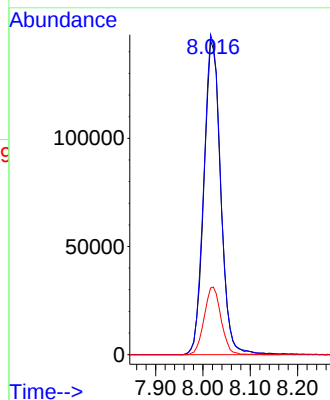
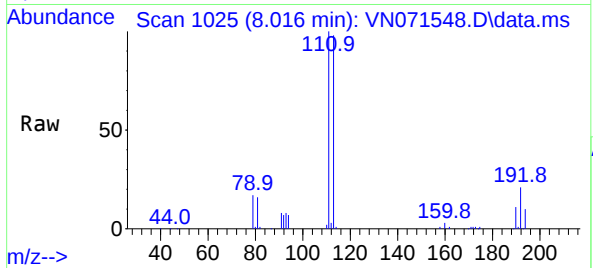




#35
Dibromofluoromethane
Concen: 45.460 ug/l
RT: 8.016 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

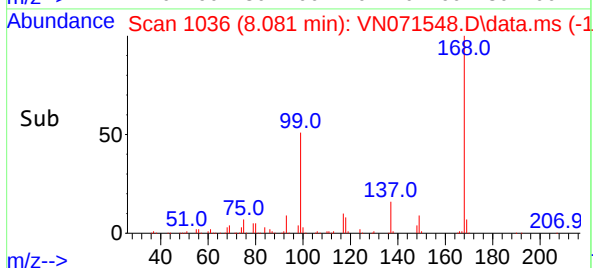
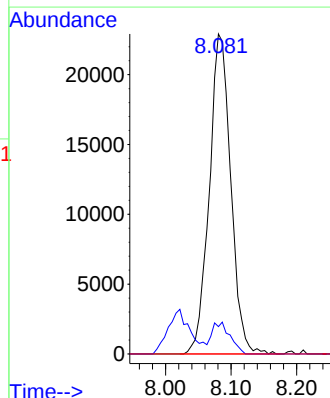
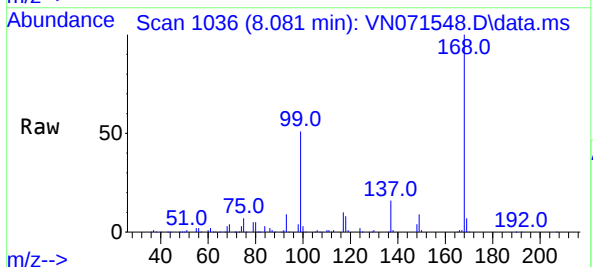
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#07

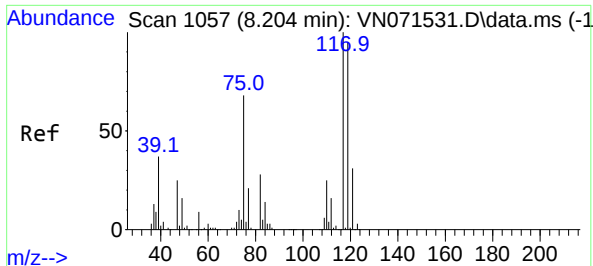
Tgt Ion:113 Resp: 357462
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 21.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.597 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

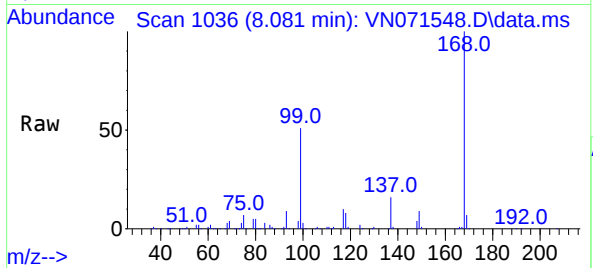
Tgt Ion: 75 Resp: 52120
Ion Ratio Lower Upper
75 100
110 8.3 18.3 54.8#
77 0.0 25.1 37.7#



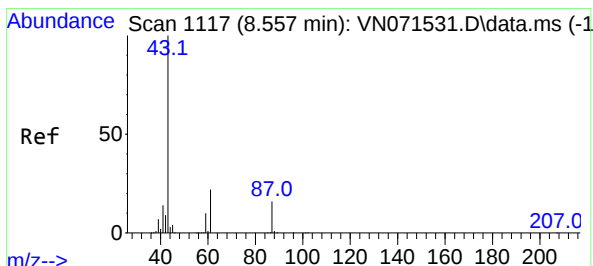
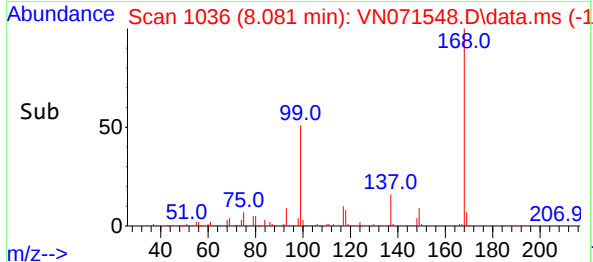
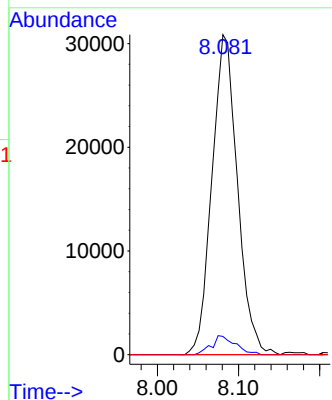


#38
Carbon Tetrachloride
Concen: 6.100 ug/l
RT: 8.081 min Scan# 1107
Delta R.T. -0.124 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#07

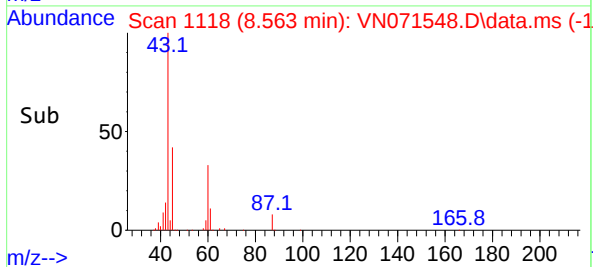
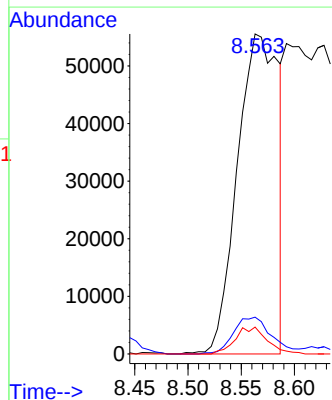
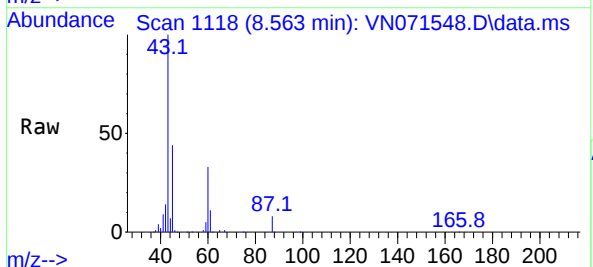


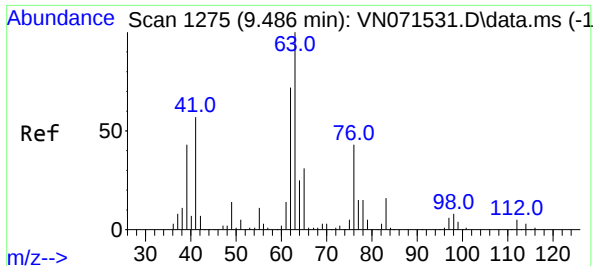
Tgt Ion:117 Resp: 67419
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 7.189 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

Tgt Ion: 43 Resp: 148911
Ion Ratio Lower Upper
43 100
61 10.7 21.9 32.9#
87 6.5 12.0 18.0#





#45

1,2-Dichloropropane

Concen: 0.628 ug/l

RT: 9.616 min Scan# 11

Delta R.T. 0.129 min

Lab File: VN071548.D

Acq: 25 Mar 2022 15:29

Instrument :

MSVOA_N

ClientSampleId :

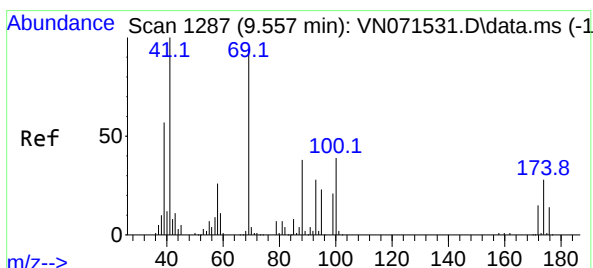
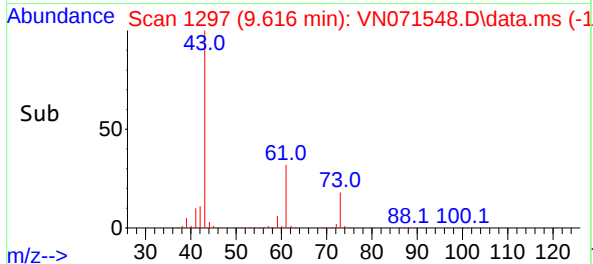
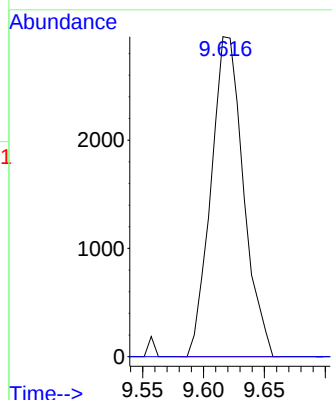
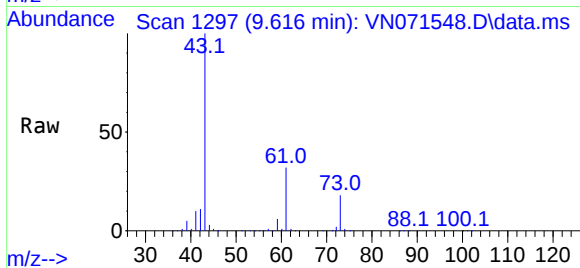
PB143557ZHE#07

Tgt Ion: 63 Resp: 5488

Ion Ratio Lower Upper

63 100

65 0.0 24.9 37.3#



#48

Methyl methacrylate

Concen: 1.975 ug/l

RT: 9.539 min Scan# 1284

Delta R.T. -0.018 min

Lab File: VN071548.D

Acq: 25 Mar 2022 15:29

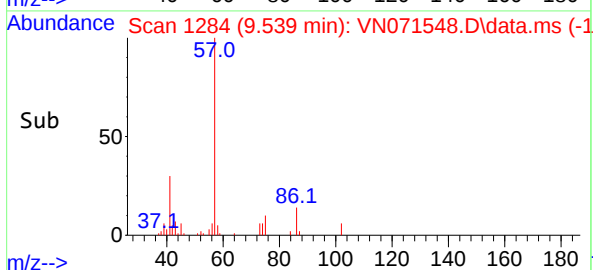
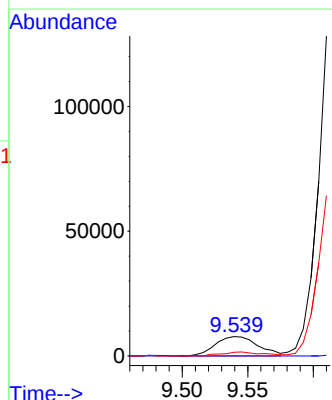
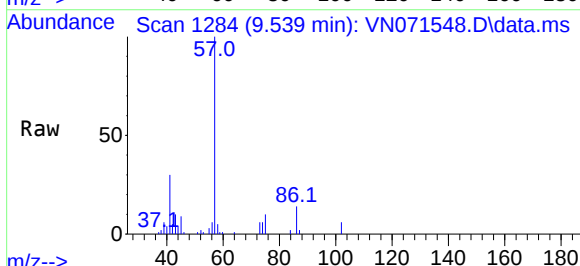
Tgt Ion: 41 Resp: 17616

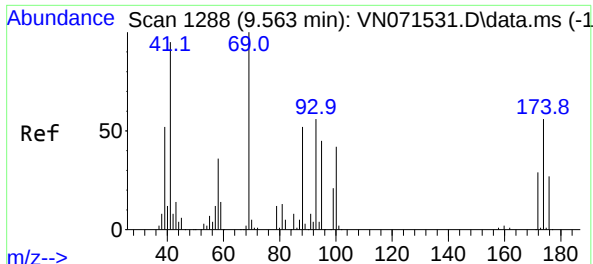
Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

39 0.0 45.6 68.4#

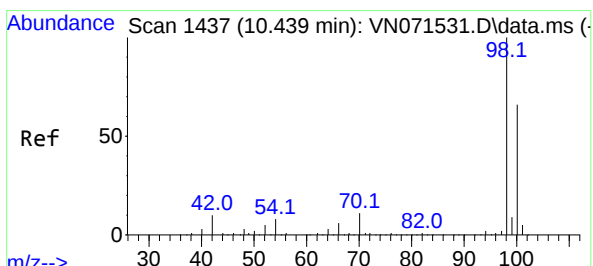
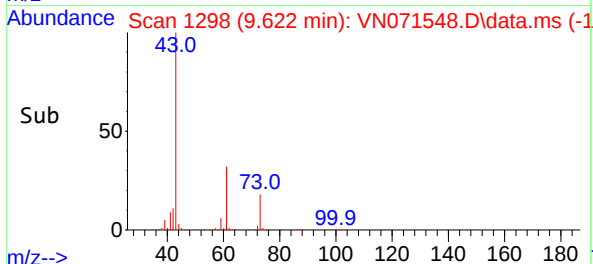
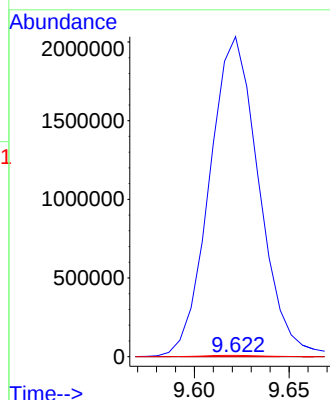
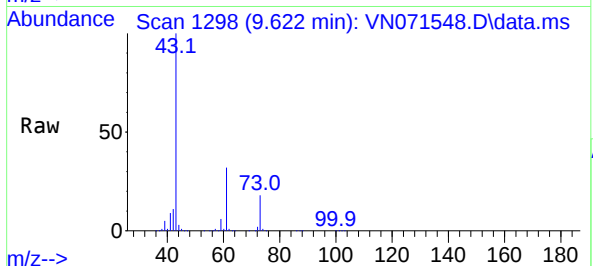




#49
1,4-Dioxane
Concen: 3.400 ug/l
RT: 9.622 min Scan# 1298
Delta R.T. 0.059 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

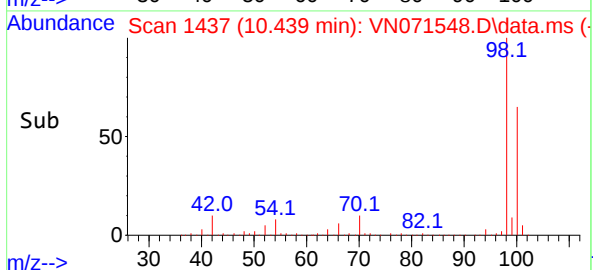
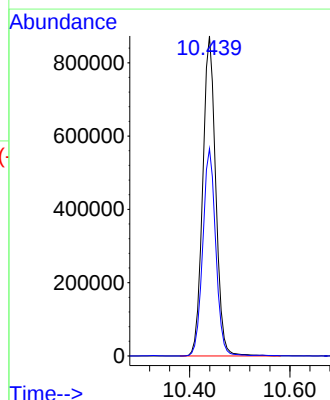
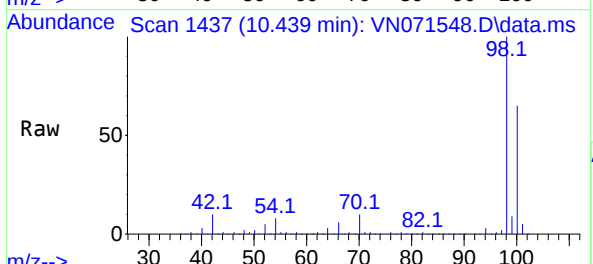
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#07

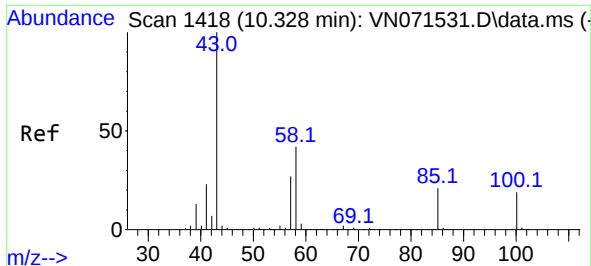
Tgt Ion: 88 Resp: 700
Ion Ratio Lower Upper
88 100
43 537243.6 20.2 30.4#
58 2442.7 54.2 81.4#



#50
Toluene-d8
Concen: 49.505 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

Tgt Ion: 98 Resp: 1570142
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

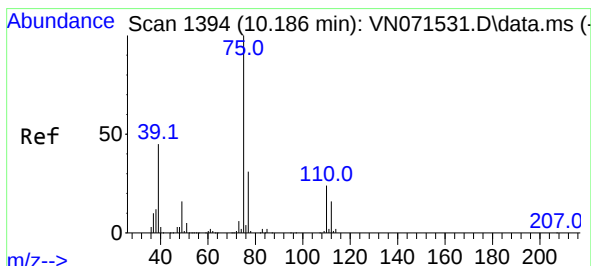
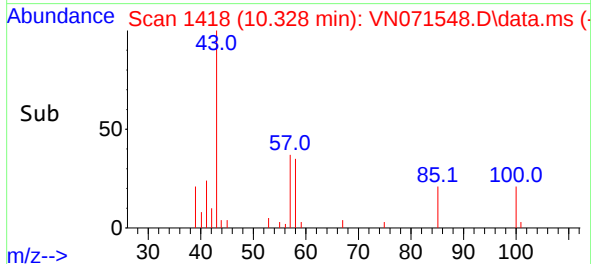
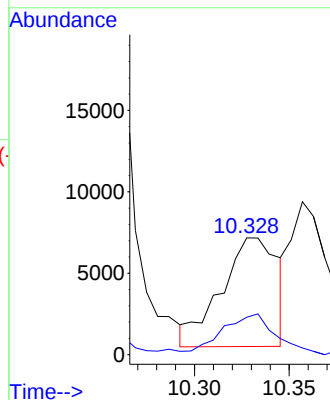
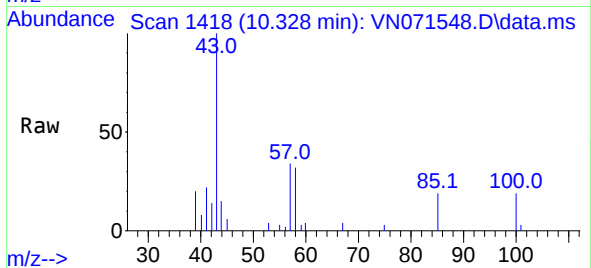




#51
4-Methyl-2-Pentanone
Concen: 1.121 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

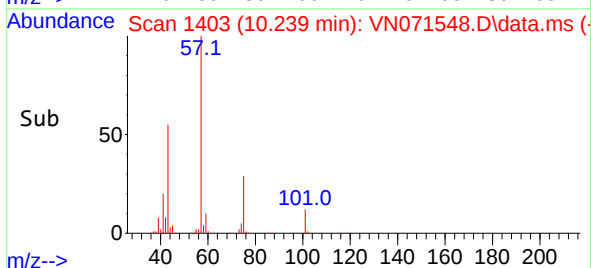
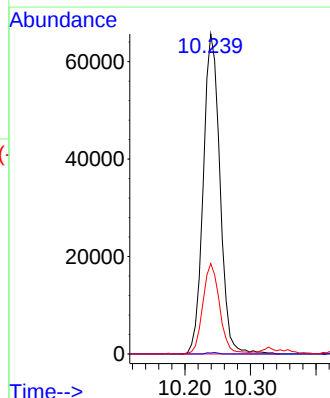
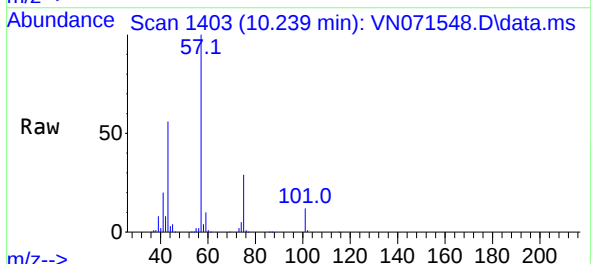
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#07

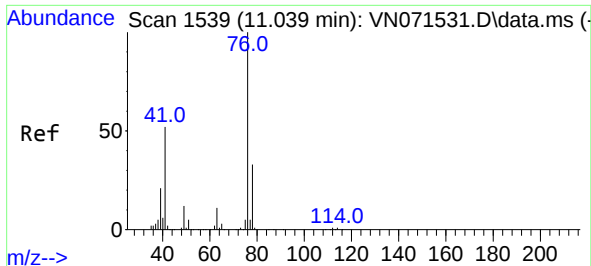
Tgt Ion: 43 Resp: 13866
Ion Ratio Lower Upper
43 100
58 35.8 34.1 51.1



#54
cis-1,3-Dichloropropene
Concen: 8.433 ug/l
RT: 10.239 min Scan# 1403
Delta R.T. 0.053 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

Tgt Ion: 75 Resp: 116622
Ion Ratio Lower Upper
75 100
77 0.3 25.2 37.8#
39 28.3 35.7 53.5#





#57

1,3-Dichloropropane

Concen: 5.063 ug/l

RT: 11.086 min Scan# 11

Delta R.T. 0.047 min

Lab File: VN071548.D

Acq: 25 Mar 2022 15:29

Instrument :

MSVOA_N

ClientSampleId :

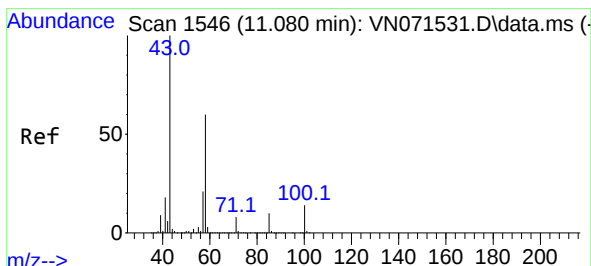
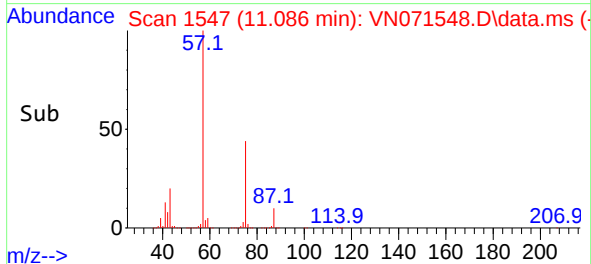
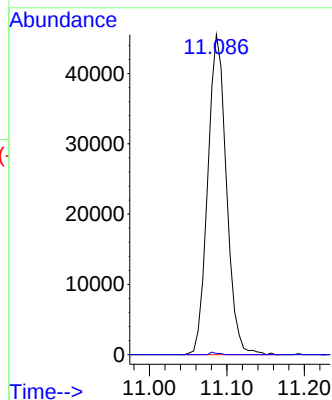
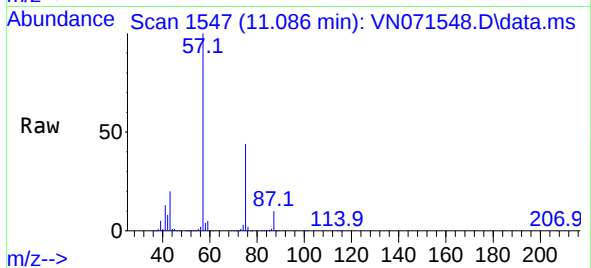
PB143557ZHE#07

Tgt Ion: 76 Resp: 76280

Ion Ratio Lower Upper

76 100

78 0.3 26.2 39.2#



#59

2-Hexanone

Concen: 108.536 ug/l

RT: 11.086 min Scan# 1547

Delta R.T. 0.006 min

Lab File: VN071548.D

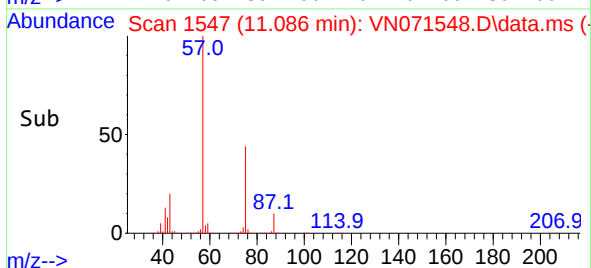
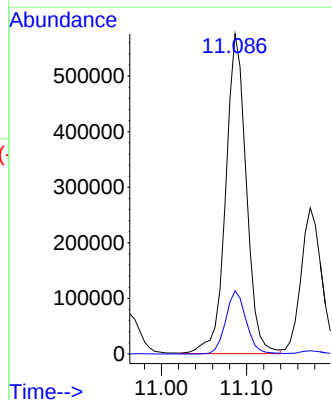
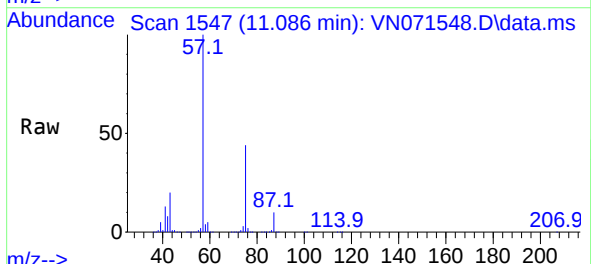
Acq: 25 Mar 2022 15:29

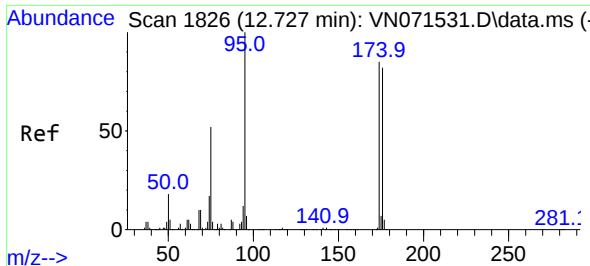
Tgt Ion: 43 Resp: 968026

Ion Ratio Lower Upper

43 100

58 19.5 29.7 89.1#

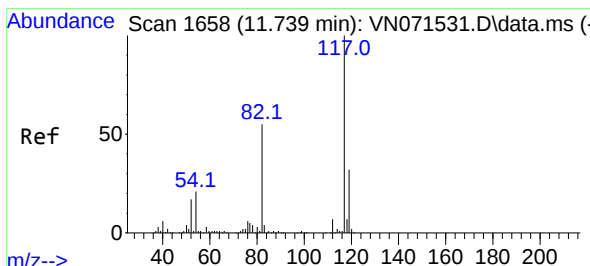
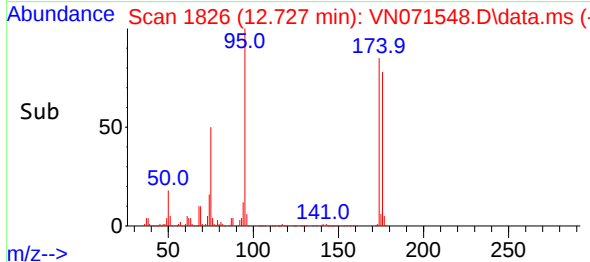
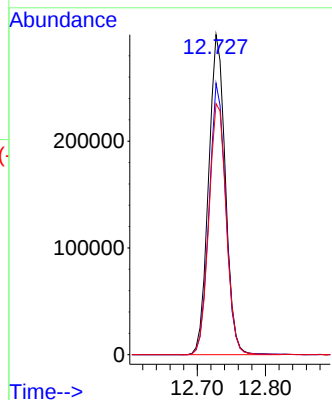
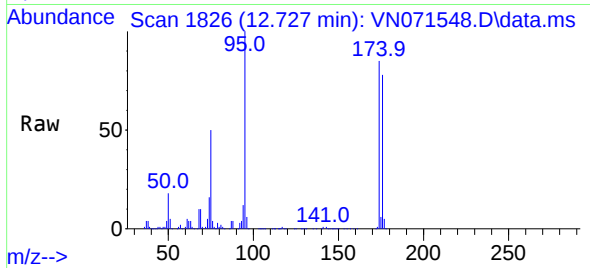




#62
4-Bromofluorobenzene
Concen: 49.485 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

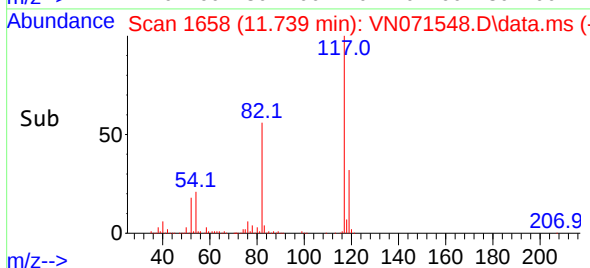
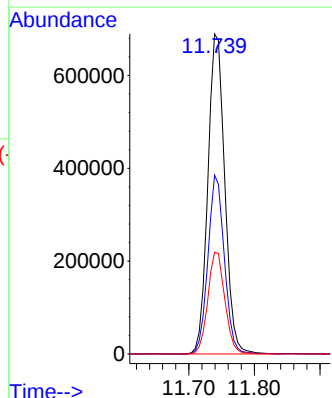
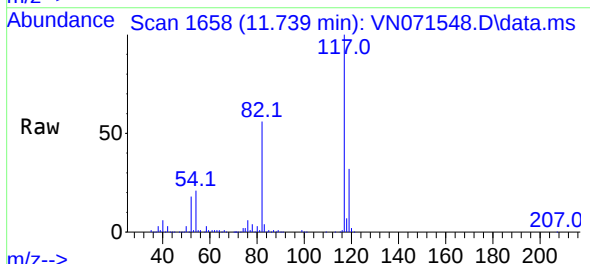
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#07

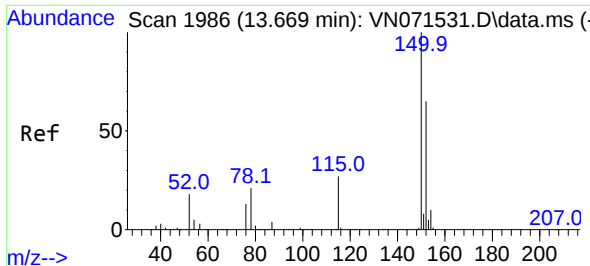
Tgt Ion: 95 Resp: 514262
Ion Ratio Lower Upper
95 100
174 84.1 0.0 167.6
176 80.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

Tgt Ion: 117 Resp: 1236269
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 31.8 25.4 38.0

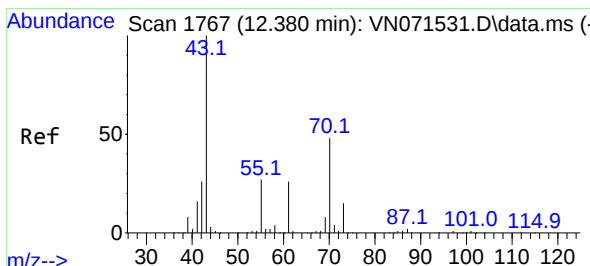
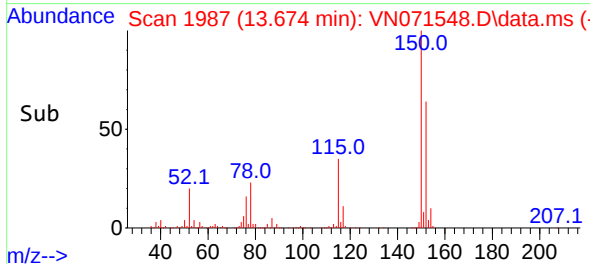
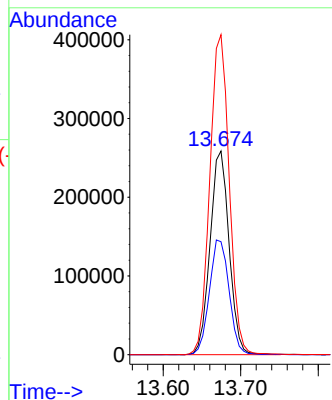
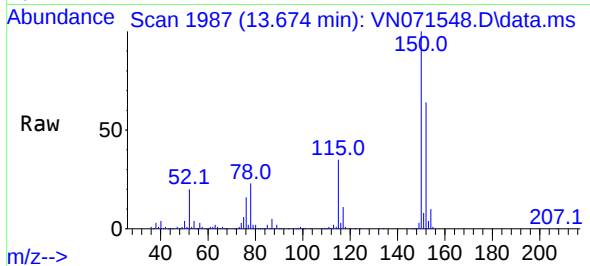




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

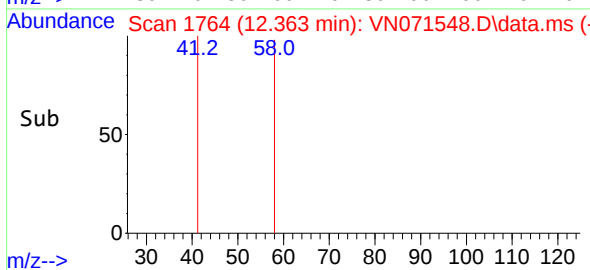
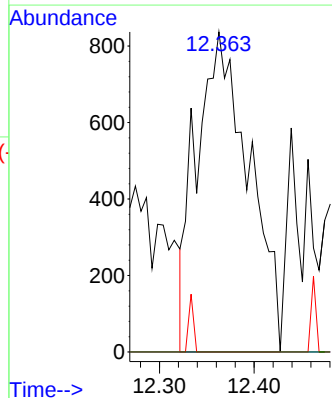
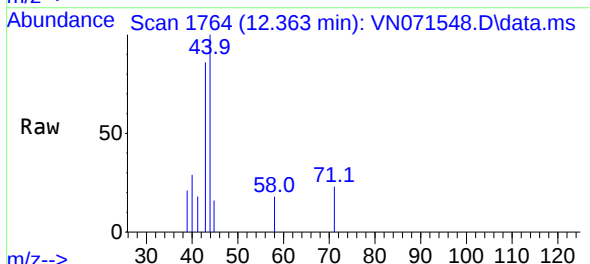
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#07

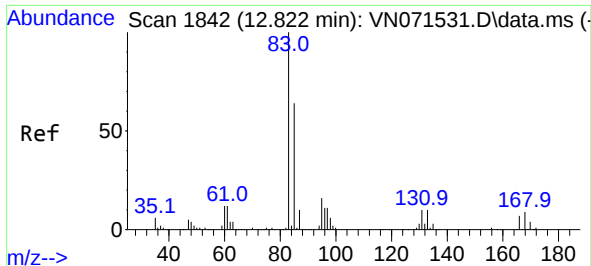
Tgt Ion:152 Resp: 441821
Ion Ratio Lower Upper
152 100
115 58.4 28.9 86.7
150 159.7 0.0 356.2



#74
N-ethyl acetate
Concen: 0.257 ug/l
RT: 12.363 min Scan# 1764
Delta R.T. -0.017 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

Tgt Ion: 43 Resp: 3215
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 0.0 21.1 31.7#
61 0.0 21.1 31.7#

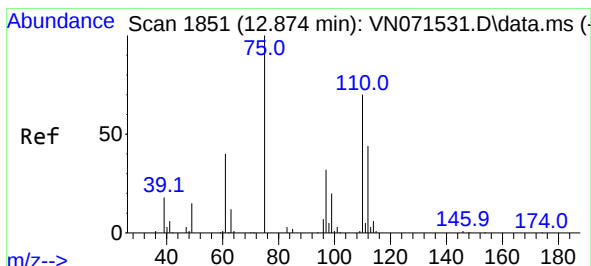
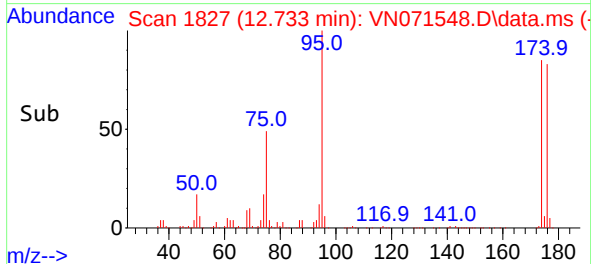
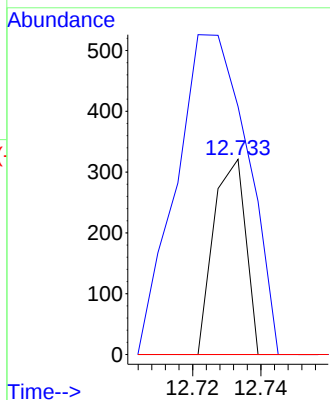
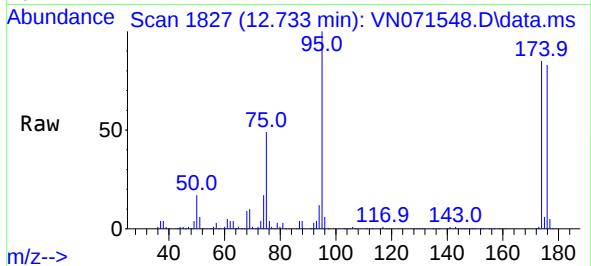




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.733 min Scan# 1827
Delta R.T. -0.089 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

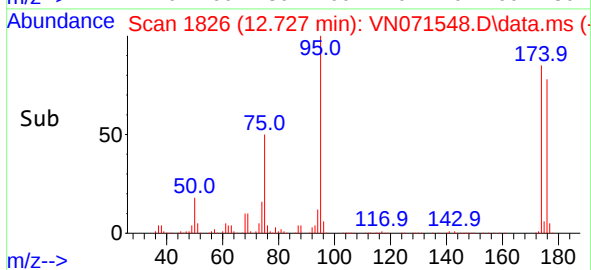
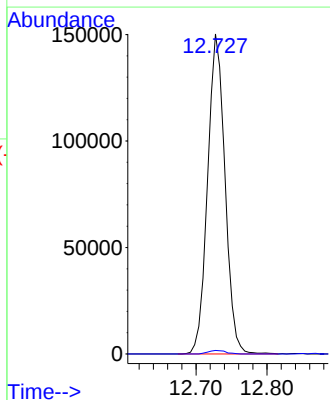
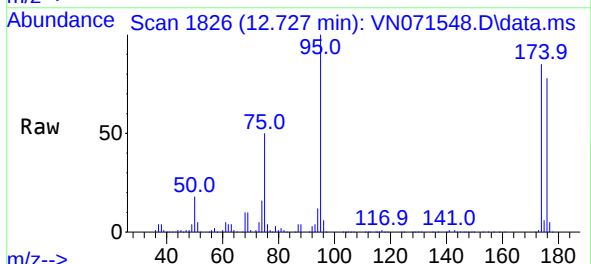
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#07

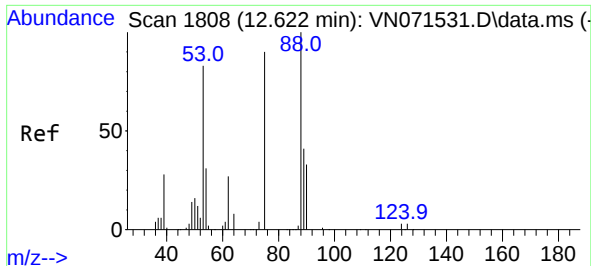
Tgt Ion: 83 Resp: 210
Ion Ratio Lower Upper
83 100
131 362.9 5.3 15.9#
85 0.0 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 25.959 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

Tgt Ion: 75 Resp: 255750
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#

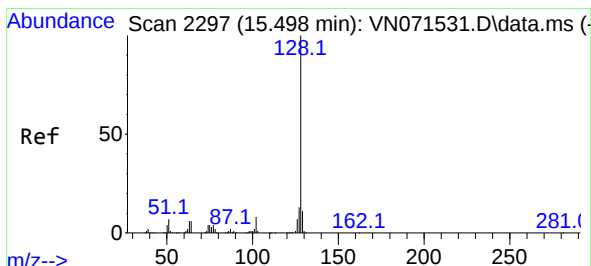
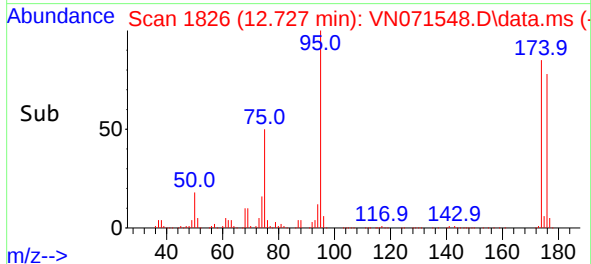
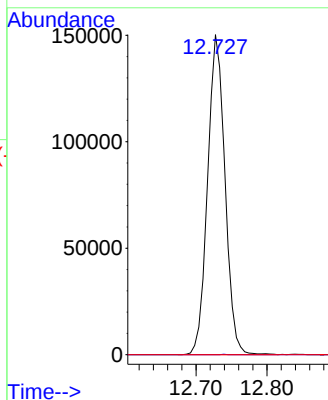
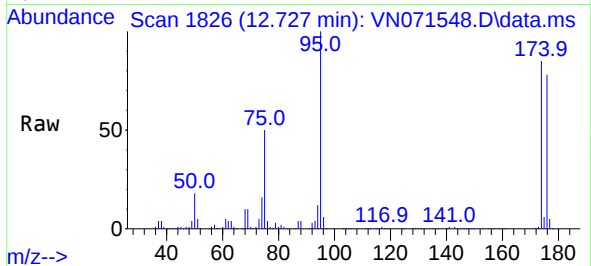




#81
trans-1,4-Dichloro-2-butene
Concen: 69.500 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#07

Tgt Ion: 75 Resp: 255750
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.270 ug/l
RT: 15.510 min Scan# 2299
Delta R.T. 0.012 min
Lab File: VN071548.D
Acq: 25 Mar 2022 15:29

Tgt Ion:128 Resp: 1344
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 4.5 8.6 13.0#

