

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072853.D
 Acq On : 15 Jun 2022 00:40
 Operator : JC\MD
 Sample : PB145494ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB145494ZHE#05

Quant Time: Jun 15 04:37:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 04:13:32 2022
 Response via : Initial Calibration

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

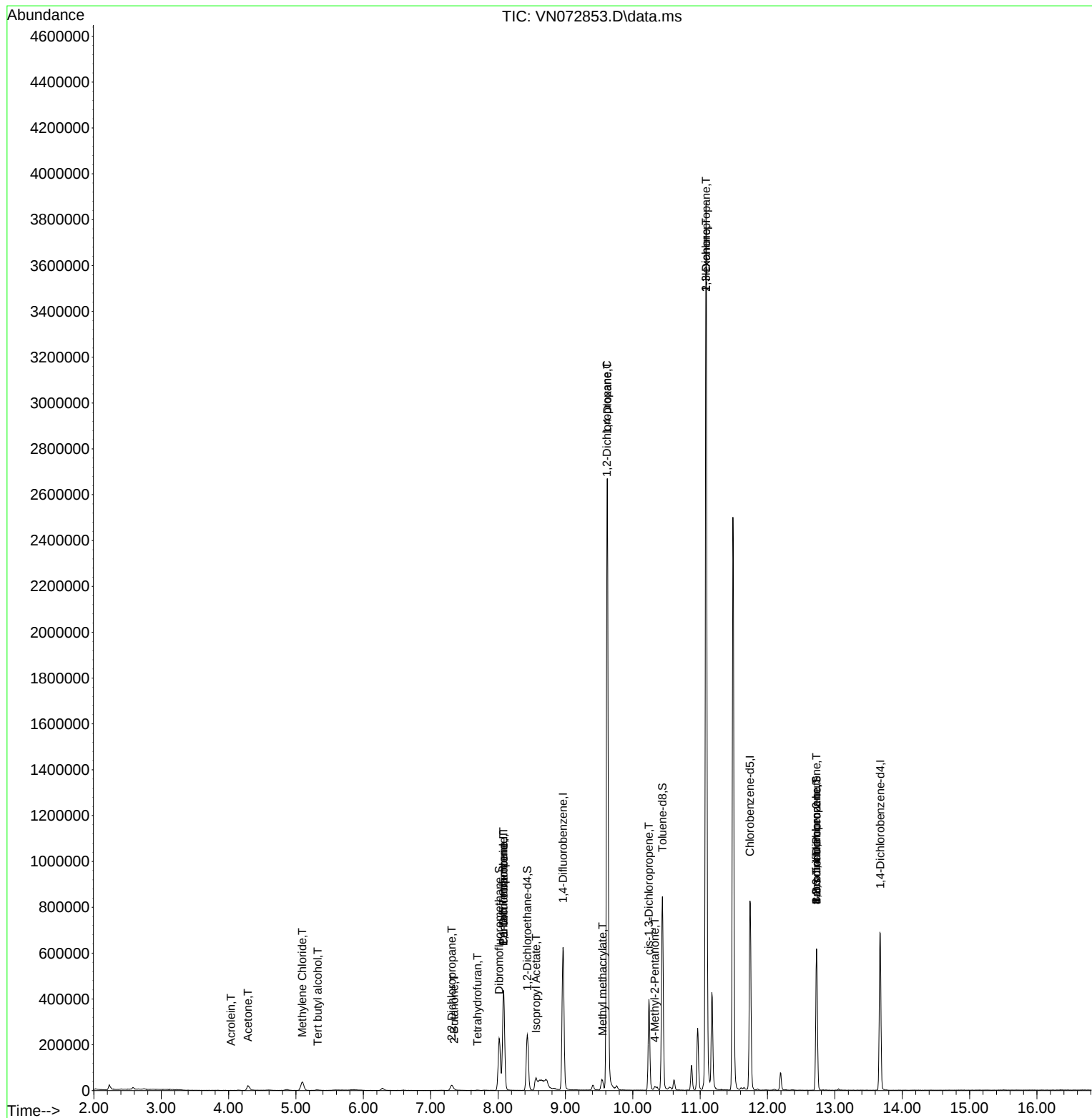
Internal Standards						
1) Pentafluorobenzene	8.081	168	315563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	536080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	475426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	184104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	207639	42.485	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.980%		
35) Dibromofluoromethane	8.016	113	168540	50.780	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.560%		
50) Toluene-d8	10.439	98	568574	43.408	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	86.820%		
62) 4-Bromofluorobenzene	12.727	95	220565	50.164	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.320%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.293	50	492	Below Cal	#	43
6) Chloroethane	3.010	64	634	Below Cal	#	42
11) Tert butyl alcohol	5.322	59	2654	0.448	ug/l #	72
13) Acrolein	4.034	56	127	0.229	ug/l #	16
16) Acetone	4.287	43	39164	14.338	ug/l #	86
17) Carbon Disulfide	4.522	76	232	Below Cal	#	75
18) Methyl Acetate	4.869	43	9321	Below Cal	#	83
20) Methylene Chloride	5.093	84	29575	6.954	ug/l #	84
25) 2-Butanone	7.345	43	10376	2.397	ug/l #	78
26) 2,2-Dichloropropane	7.310	77	1588	0.310	ug/l #	53
29) Tetrahydrofuran	7.692	42	1432	0.518	ug/l #	38
31) Cyclohexane	8.087	56	8028	Below Cal	#	12
36) 1,1-Dichloropropene	8.081	75	27539	6.213	ug/l #	48
38) Carbon Tetrachloride	8.081	117	33255	7.515	ug/l #	17
43) Isopropyl Acetate	8.563	43	68418	6.209	ug/l #	76
45) 1,2-Dichloropropane	9.616	63	3064	0.786	ug/l #	44
48) Methyl methacrylate	9.551	41	14128	2.689	ug/l #	10
49) 1,4-Dioxane	9.622	88	292	2.741	ug/l #	1
51) 4-Methyl-2-Pentanone	10.328	43	11150	1.476	ug/l	95
54) cis-1,3-Dichloropropene	10.239	75	69445	12.358	ug/l #	69
57) 1,3-Dichloropropane	11.086	76	41118	6.088	ug/l #	42
59) 2-Hexanone	11.086	43	647485	114.192	ug/l #	43
71) Bromoform	12.727	173	1606	0.620	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	116300	21.901	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	116300	68.108	ug/l #	10

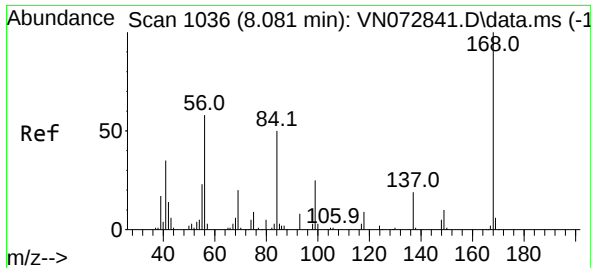
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
Data File : VN072853.D
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Sample : PB145494ZHE#05
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Instrument :
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ClientSampleId :
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Quant Time: Jun 15 04:37:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 15 04:13:32 2022
Response via : Initial Calibration

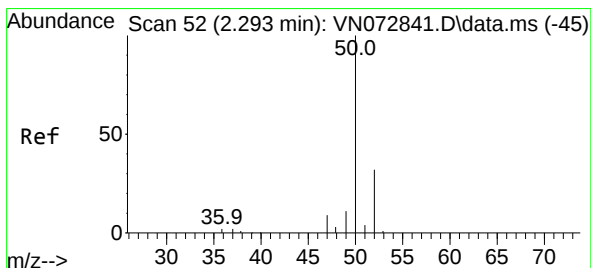
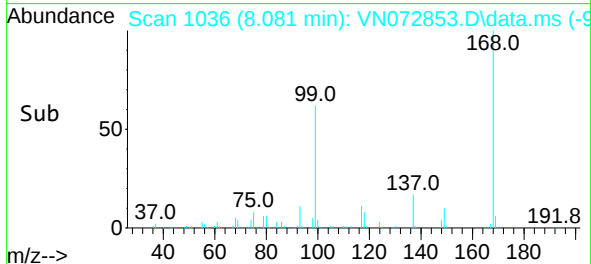
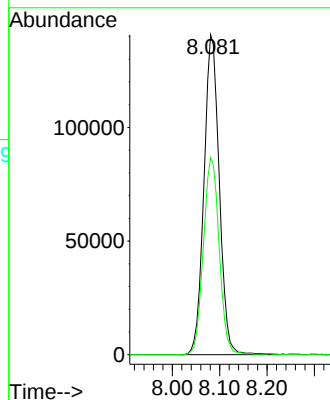
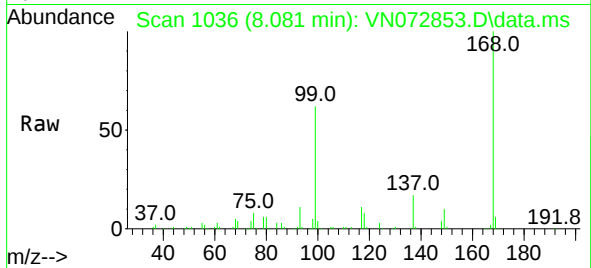




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072853.D
Acq: 15 Jun 2022 00:40

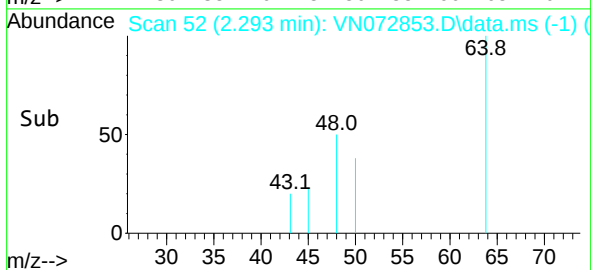
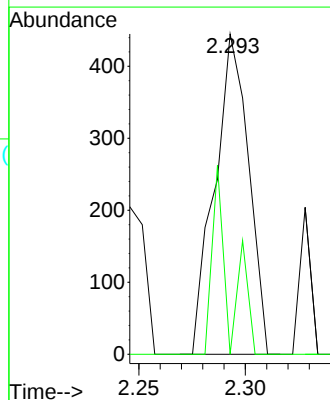
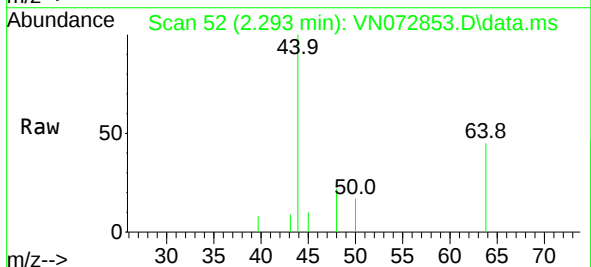
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#05

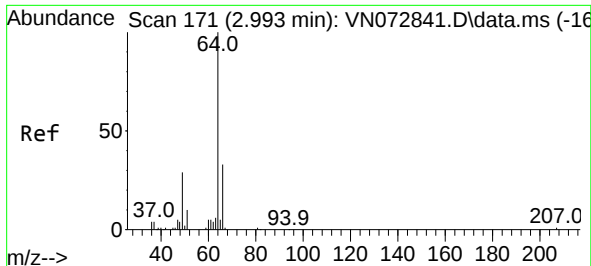
Tgt Ion:168 Resp: 315563
Ion Ratio Lower Upper
168 100
99 61.5 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: VN072853.D
Acq: 15 Jun 2022 00:40

Tgt Ion: 50 Resp: 492
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

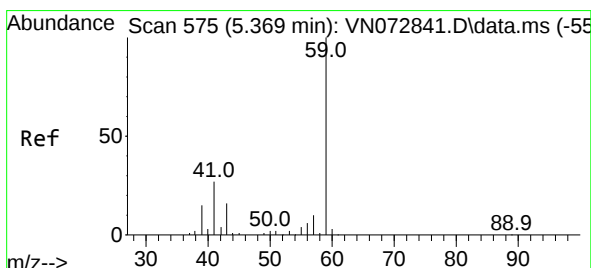
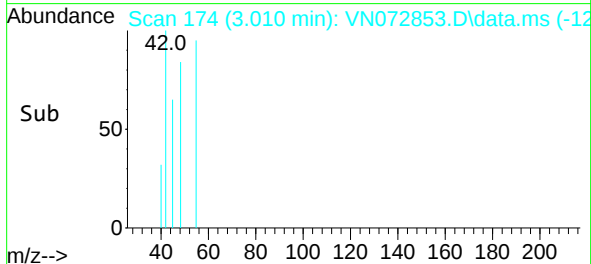
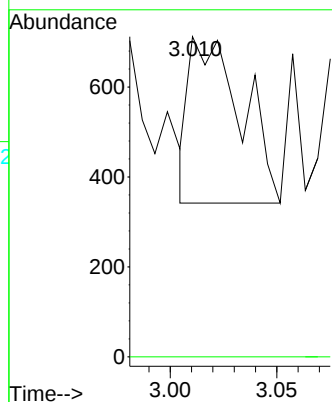
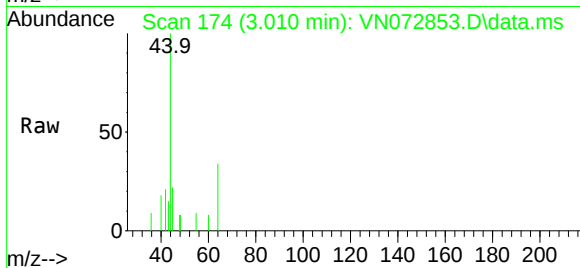




#6
Chloroethane
Concen: Below Cal
RT: 3.010 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN072853.D
Acq: 15 Jun 2022 00:40

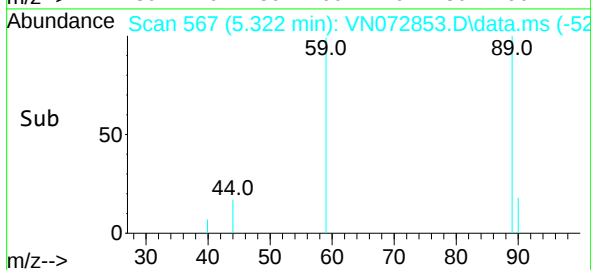
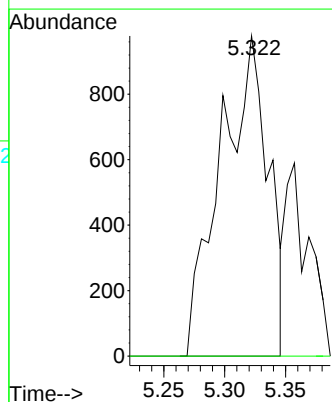
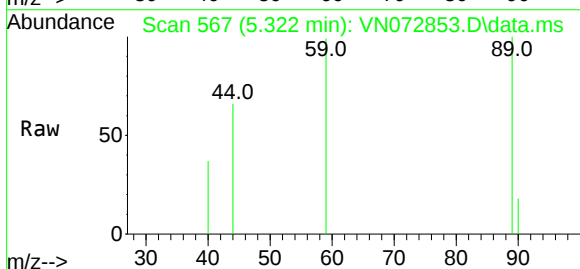
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#05

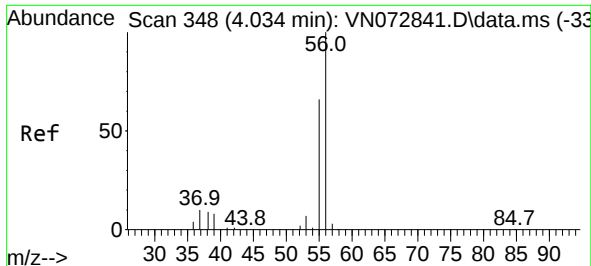
Tgt Ion: 64 Resp: 634
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.448 ug/l
RT: 5.322 min Scan# 567
Delta R.T. -0.047 min
Lab File: VN072853.D
Acq: 15 Jun 2022 00:40

Tgt Ion: 59 Resp: 2654
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

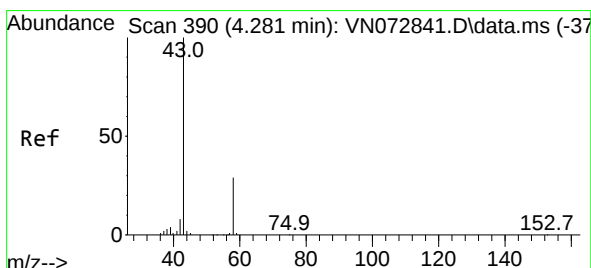
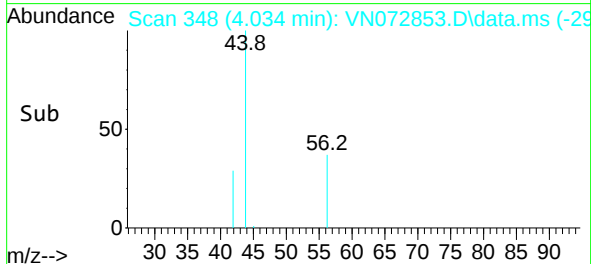
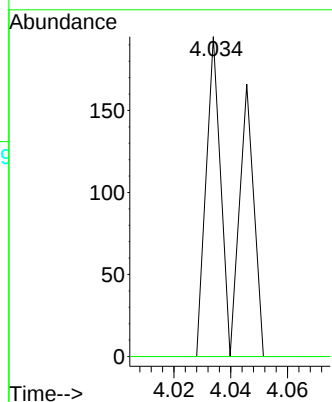
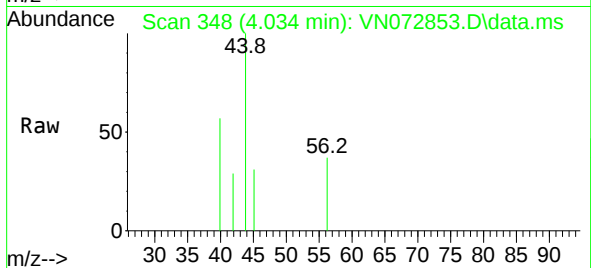




#13
Acrolein
Concen: 0.229 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN072853.D
Acq: 15 Jun 2022 00:40

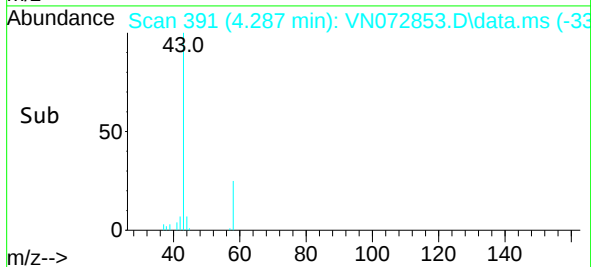
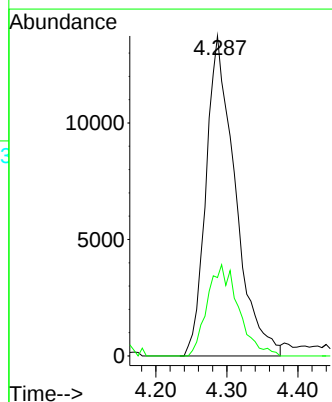
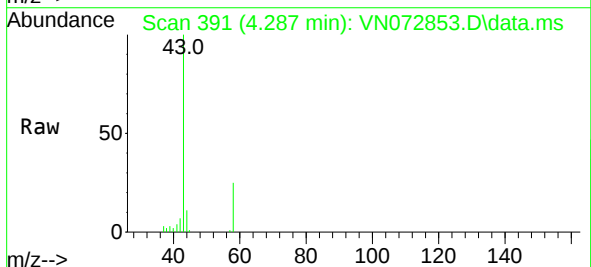
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#05

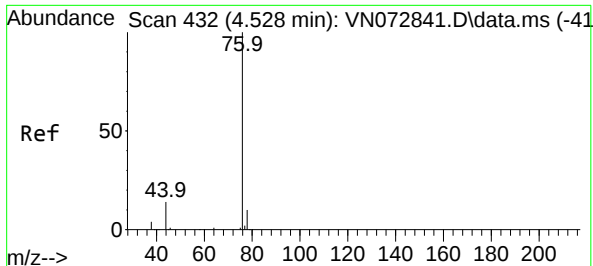
Tgt Ion: 56 Resp: 127
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



#16
Acetone
Concen: 14.338 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072853.D
Acq: 15 Jun 2022 00:40

Tgt Ion: 43 Resp: 39164
Ion Ratio Lower Upper
43 100
58 24.5 26.0 39.0#

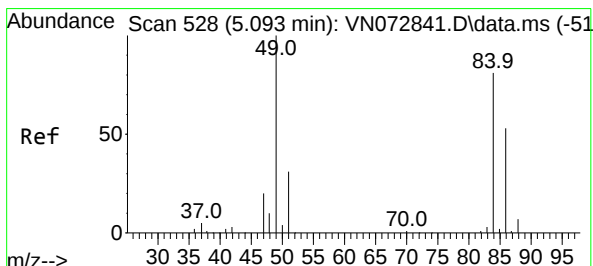
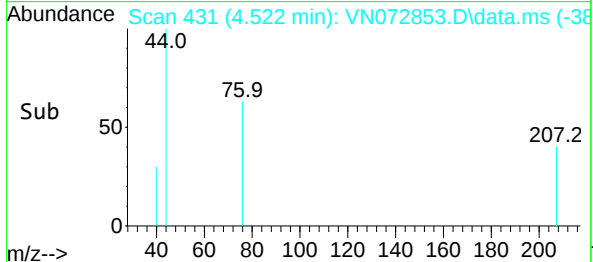
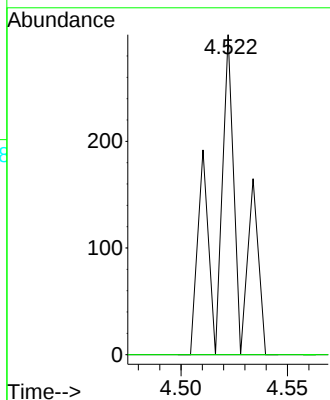
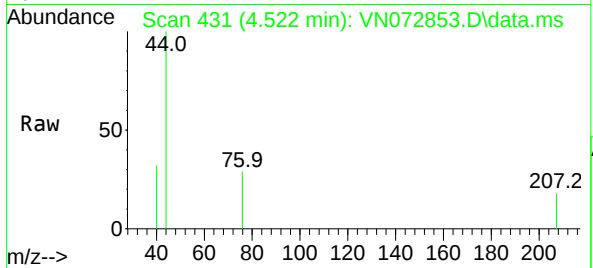




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.522 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072853.D
Acq: 15 Jun 2022 00:40

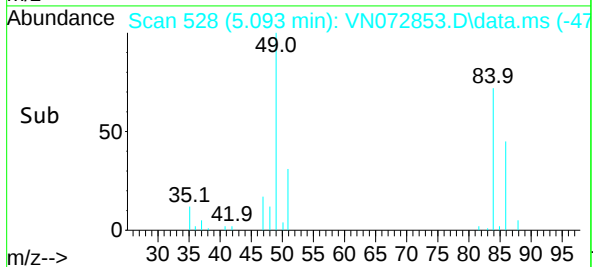
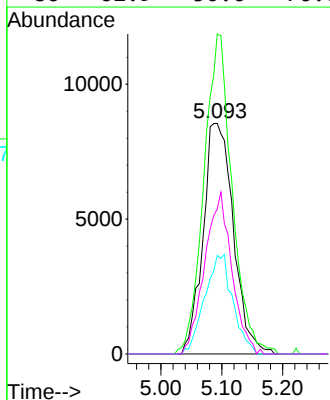
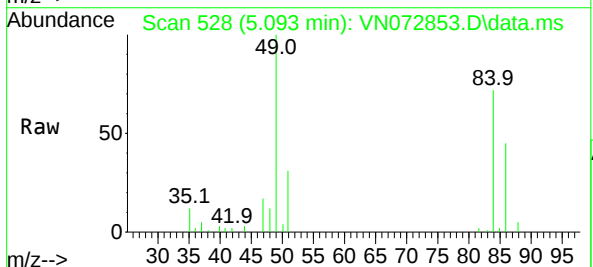
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#05

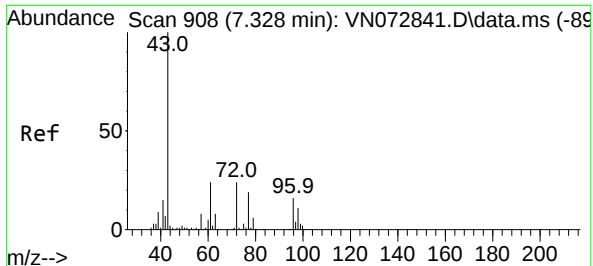
Tgt Ion: 76 Resp: 232
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 6.954 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN072853.D
Acq: 15 Jun 2022 00:40

Tgt Ion: 84 Resp: 29575
Ion Ratio Lower Upper
84 100
49 138.8 88.3 132.5#
51 42.7 28.2 42.2#
86 62.9 50.6 76.0

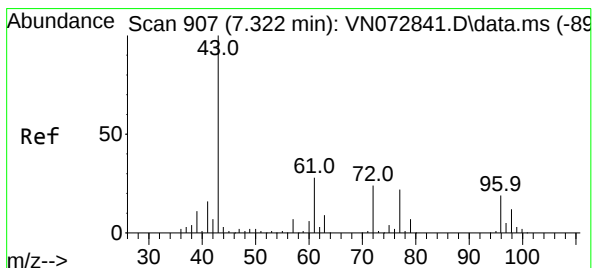
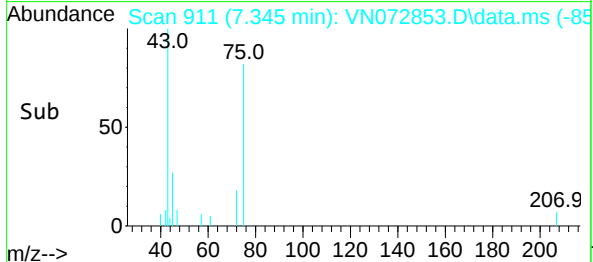
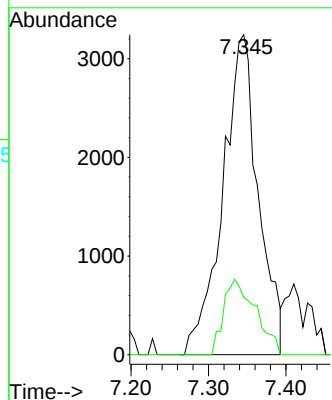
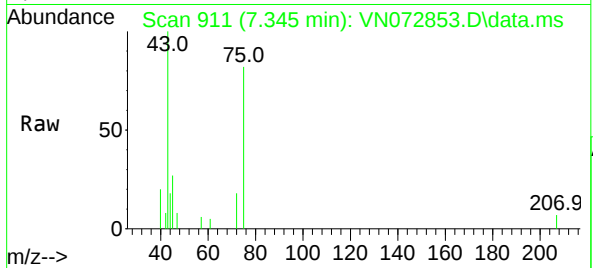




#25
2-Butanone
Concen: 2.397 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN072853.D
Acq: 15 Jun 2022 00:40

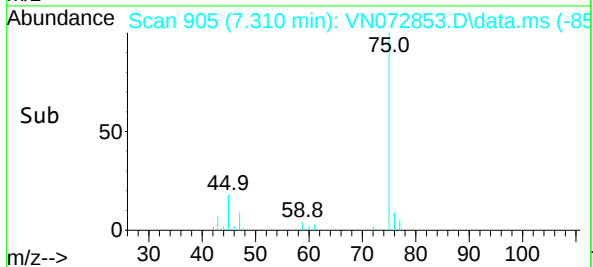
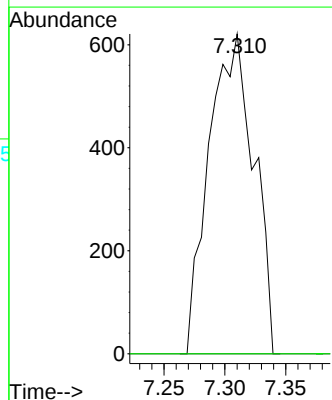
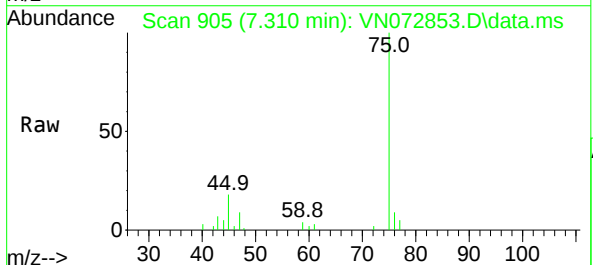
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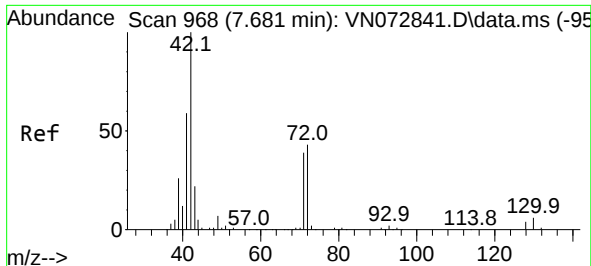
Tgt Ion: 43 Resp: 10376
Ion Ratio Lower Upper
43 100
72 17.9 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.310 ug/l
RT: 7.310 min Scan# 905
Delta R.T. -0.012 min
Lab File: VN072853.D
Acq: 15 Jun 2022 00:40

Tgt Ion: 77 Resp: 1588
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#





#29

Tetrahydrofuran

Concen: 0.518 ug/l

RT: 7.692 min Scan# 91

Delta R.T. 0.011 min

Lab File: VN072853.D

Acq: 15 Jun 2022 00:40

Instrument :

MSVOA_N

ClientSampleId :

PB145494ZHE#05

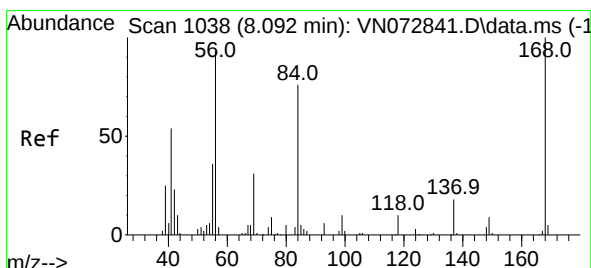
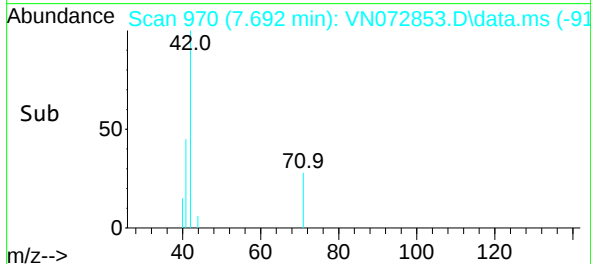
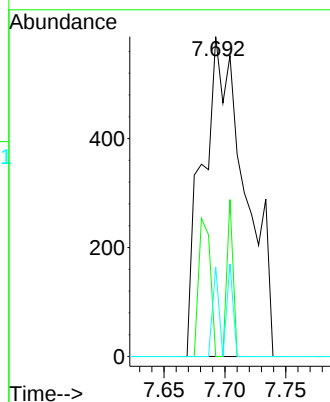
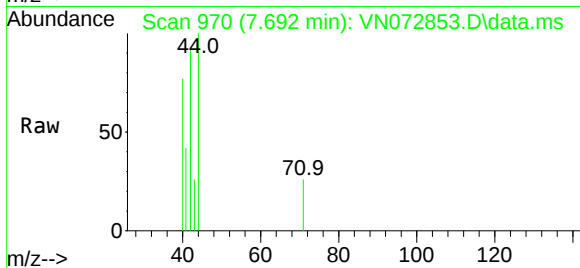
Tgt Ion: 42 Resp: 1432

Ion Ratio Lower Upper

42 100

72 11.7 39.7 59.5#

71 0.0 36.6 55.0#



#31

Cyclohexane

Concen: Below Cal

RT: 8.087 min Scan# 1037

Delta R.T. -0.005 min

Lab File: VN072853.D

Acq: 15 Jun 2022 00:40

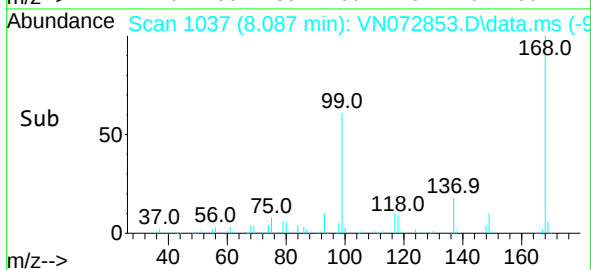
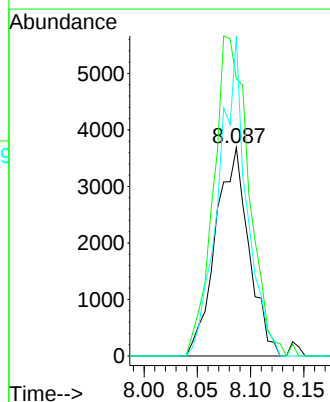
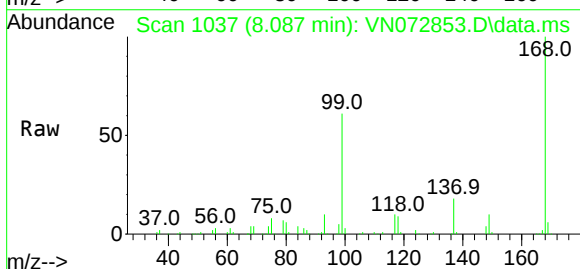
Tgt Ion: 56 Resp: 8028

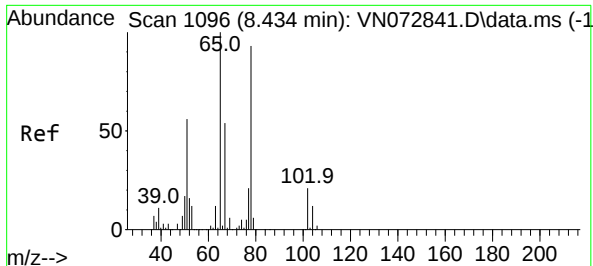
Ion Ratio Lower Upper

56 100

69 133.1 27.8 41.8#

84 153.3 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 42.485 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072853.D

Acq: 15 Jun 2022 00:40

Instrument :

MSVOA_N

ClientSampleId :

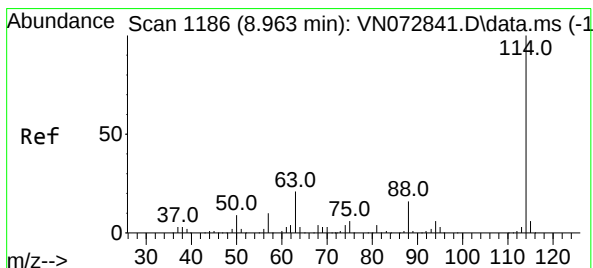
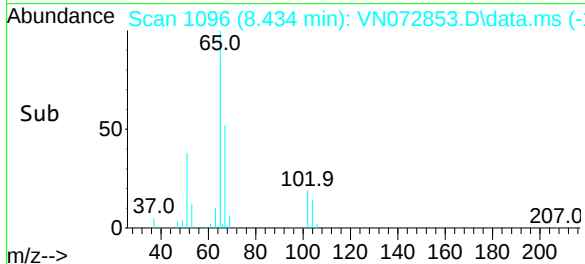
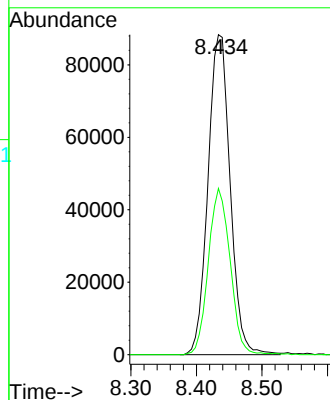
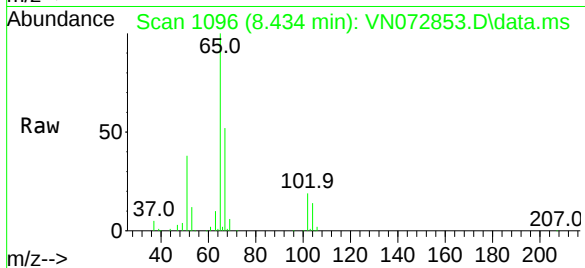
PB145494ZHE#05

Tgt Ion: 65 Resp: 207639

Ion Ratio Lower Upper

65 100

67 51.2 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: VN072853.D

Acq: 15 Jun 2022 00:40

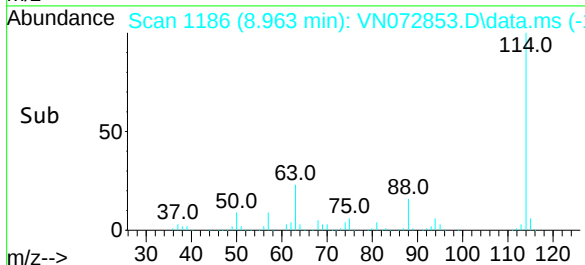
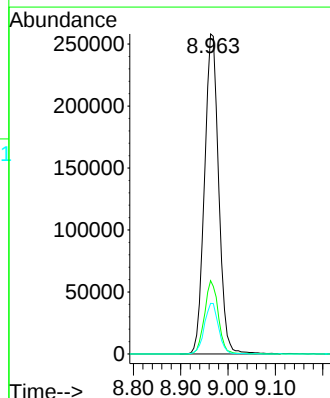
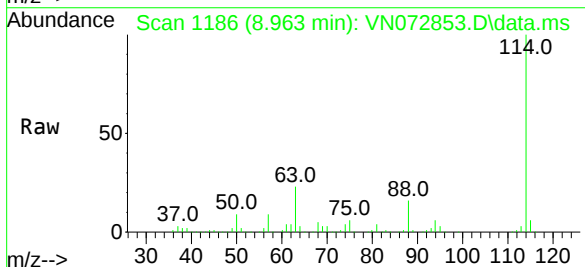
Tgt Ion: 114 Resp: 536080

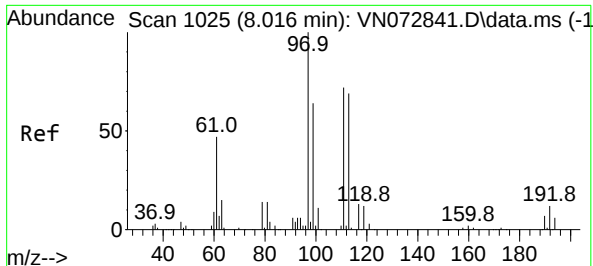
Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.0

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.780 ug/l

RT: 8.016 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VN072853.D

Acq: 15 Jun 2022 00:40

Instrument :

MSVOA_N

ClientSampleId :

PB145494ZHE#05

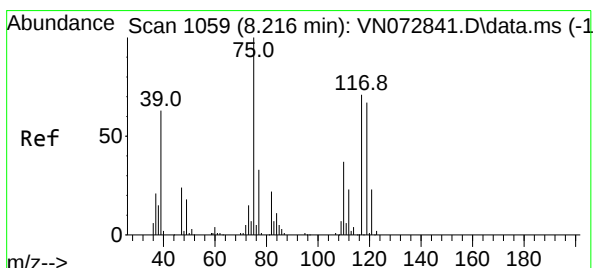
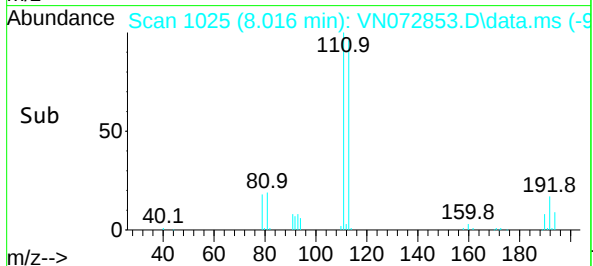
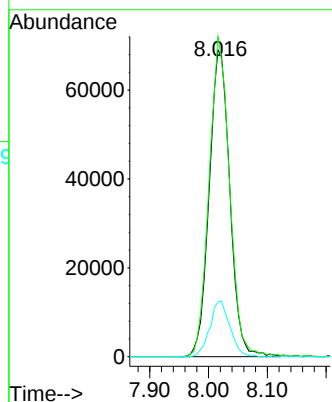
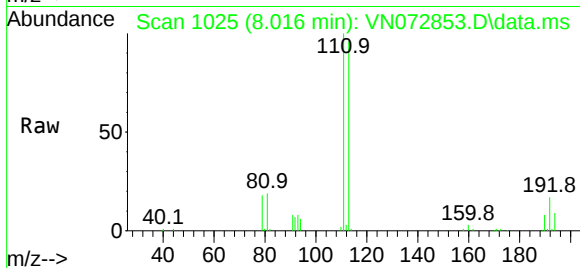
Tgt Ion:113 Resp: 168540

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 17.7 17.0 25.6



#36

1,1-Dichloropropene

Concen: 6.213 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072853.D

Acq: 15 Jun 2022 00:40

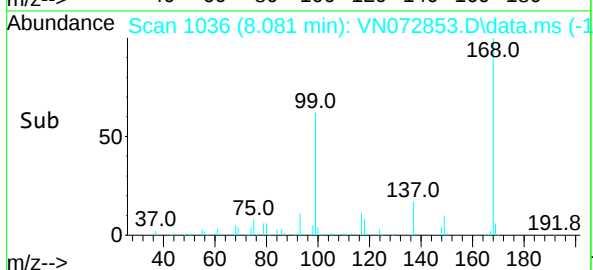
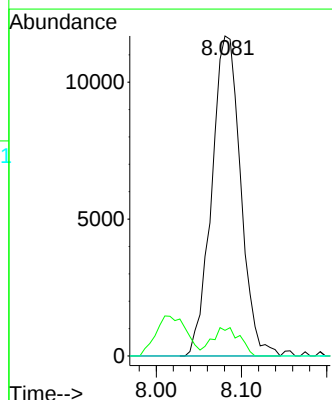
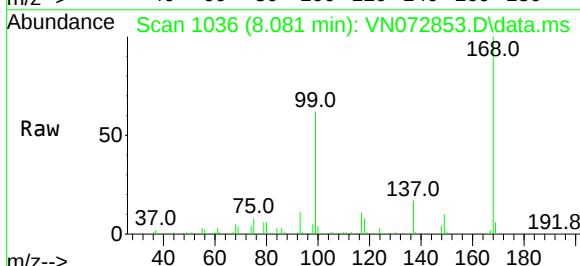
Tgt Ion: 75 Resp: 27539

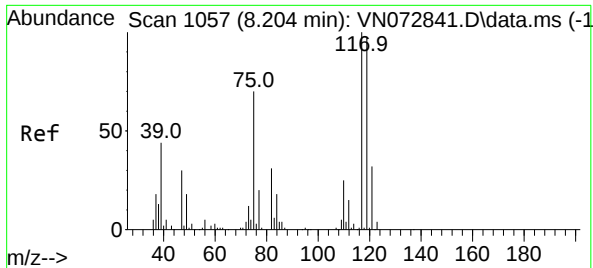
Ion Ratio Lower Upper

75 100

110 8.5 18.3 54.8#

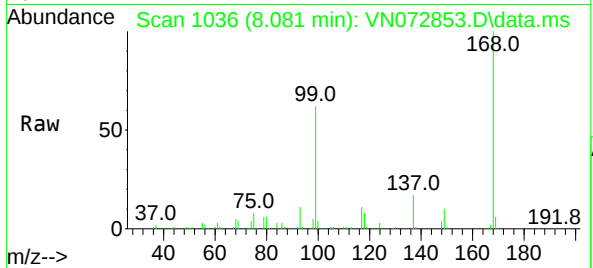
77 0.0 25.1 37.7#



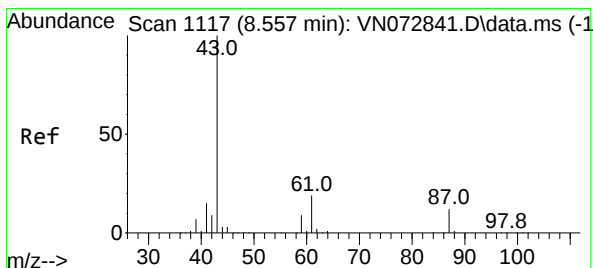
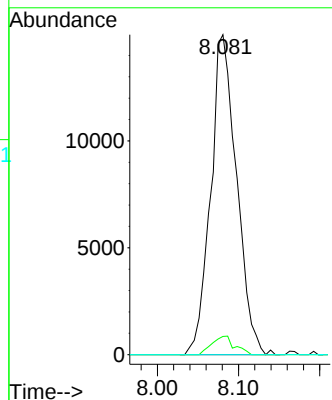
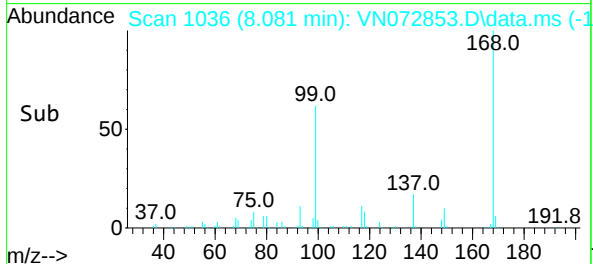


#38
Carbon Tetrachloride
Concen: 7.515 ug/l
RT: 8.081 min Scan# 1117
Delta R.T. -0.123 min
Lab File: VN072853.D
Acq: 15 Jun 2022 00:40

Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#05

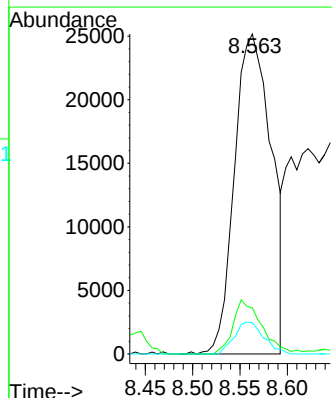
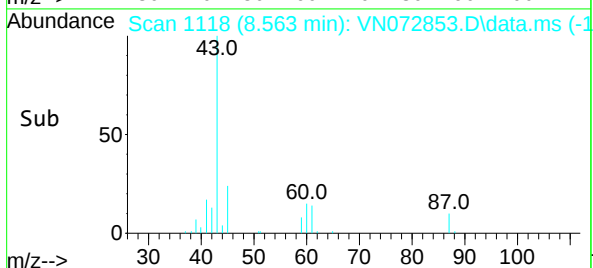
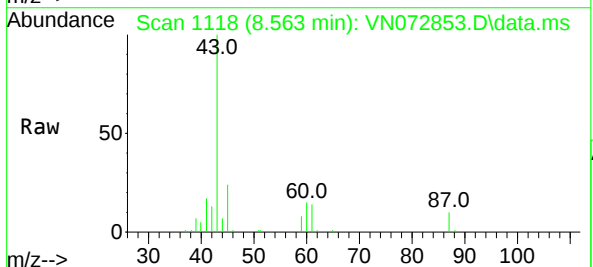


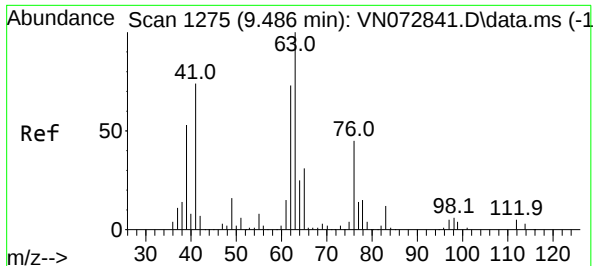
Tgt Ion:117 Resp: 33255
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 6.209 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN072853.D
Acq: 15 Jun 2022 00:40

Tgt Ion: 43 Resp: 68418
Ion Ratio Lower Upper
43 100
61 13.3 21.9 32.9#
87 7.9 12.0 18.0#





#45

1,2-Dichloropropane

Concen: 0.786 ug/l

RT: 9.616 min Scan# 1297

Delta R.T. 0.130 min

Lab File: VN072853.D

Acq: 15 Jun 2022 00:40

Instrument :

MSVOA_N

ClientSampleId :

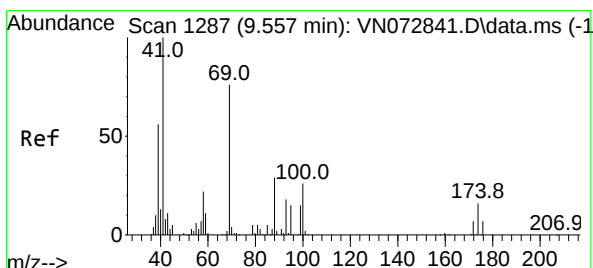
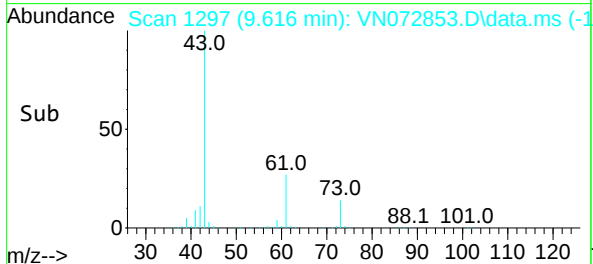
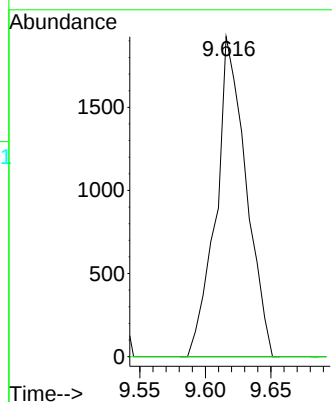
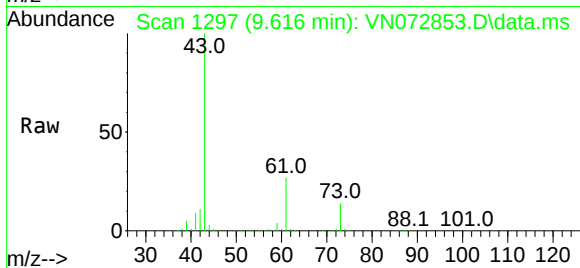
PB145494ZHE#05

Tgt Ion: 63 Resp: 3064

Ion Ratio Lower Upper

63 100

65 0.0 24.9 37.3#



#48

Methyl methacrylate

Concen: 2.689 ug/l

RT: 9.551 min Scan# 1286

Delta R.T. -0.006 min

Lab File: VN072853.D

Acq: 15 Jun 2022 00:40

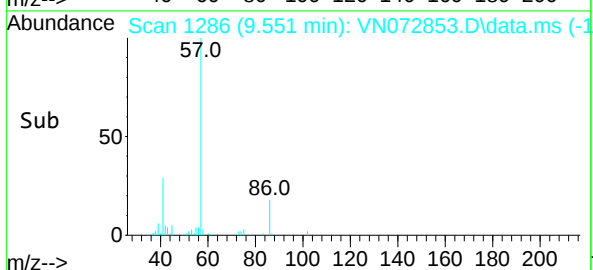
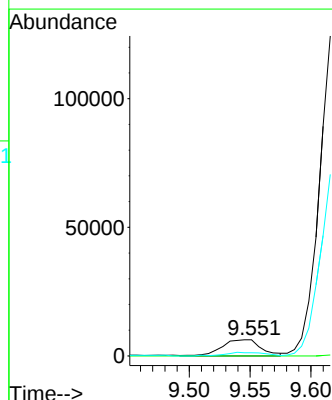
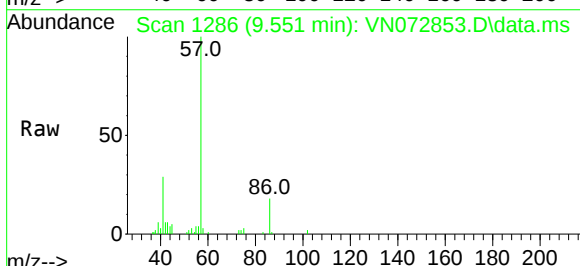
Tgt Ion: 41 Resp: 14128

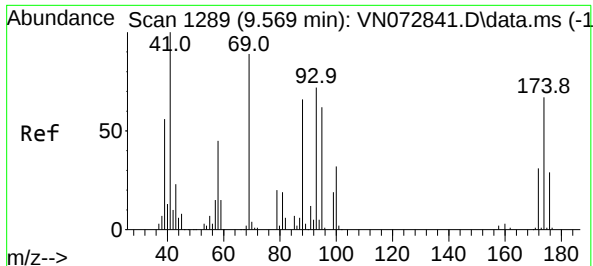
Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

39 0.0 45.6 68.4#





#49

1,4-Dioxane

Concen: 2.741 ug/l

RT: 9.622 min Scan# 1298

Delta R.T. 0.053 min

Lab File: VN072853.D

Acq: 15 Jun 2022 00:40

Instrument :

MSVOA_N

ClientSampleId :

PB145494ZHE#05

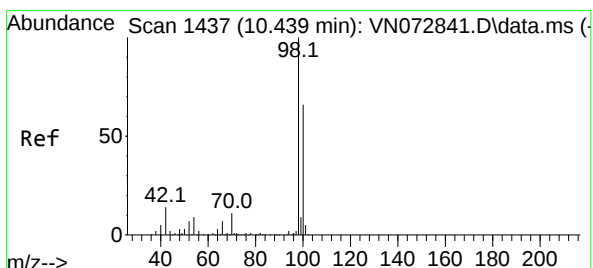
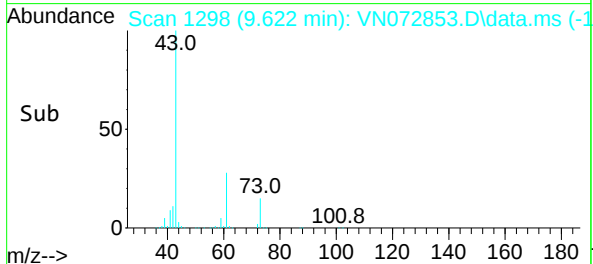
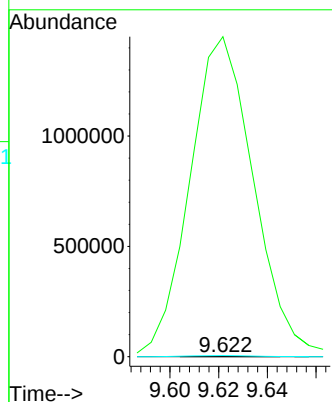
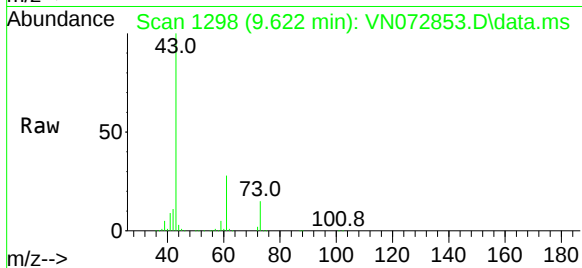
Tgt Ion: 88 Resp: 292

Ion Ratio Lower Upper

88 100

43 922609.2 20.2 30.4#

58 3488.0 54.2 81.4#



#50

Toluene-d8

Concen: 43.408 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072853.D

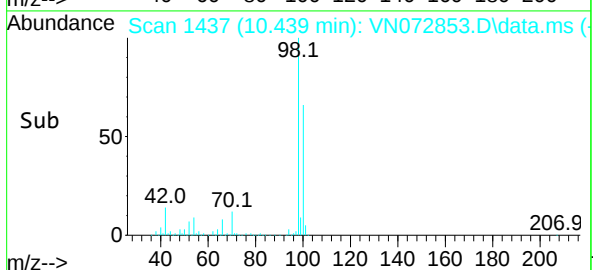
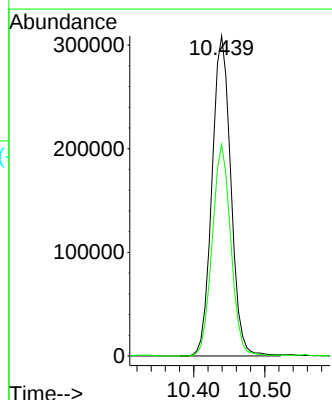
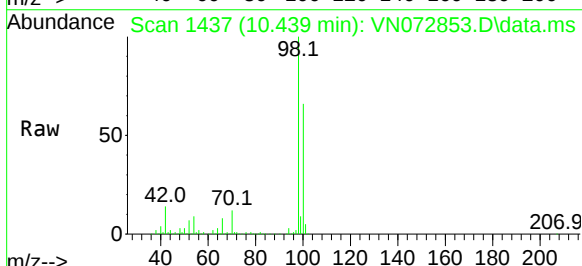
Acq: 15 Jun 2022 00:40

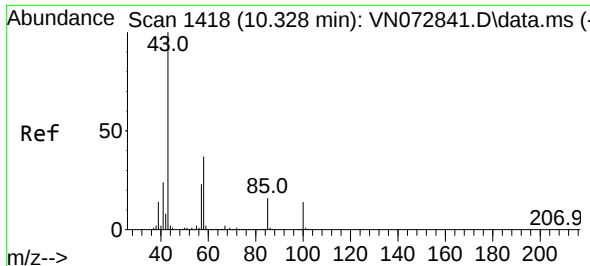
Tgt Ion: 98 Resp: 568574

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8

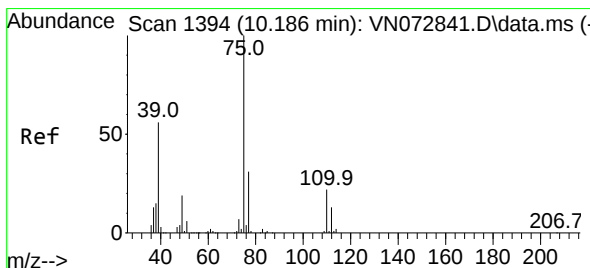
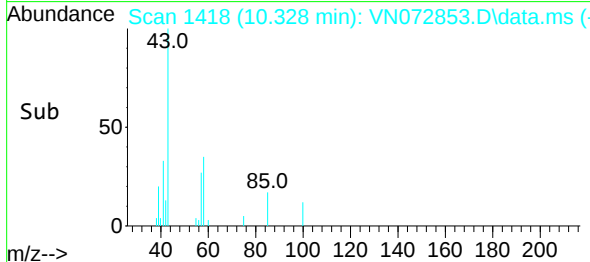
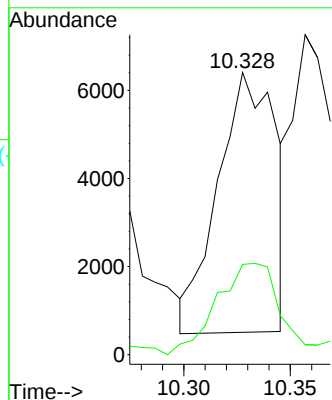
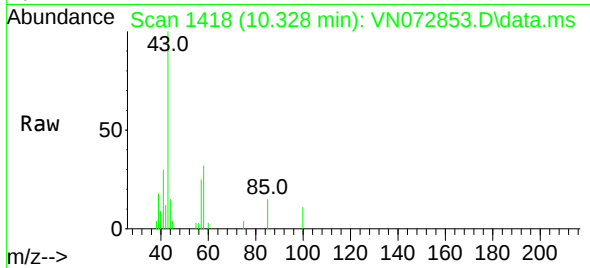




#51
4-Methyl-2-Pentanone
Concen: 1.476 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072853.D
Acq: 15 Jun 2022 00:40

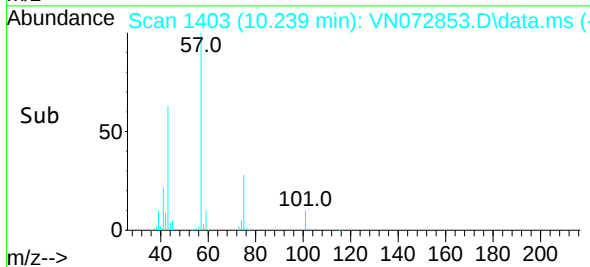
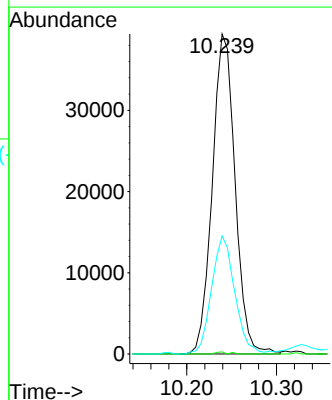
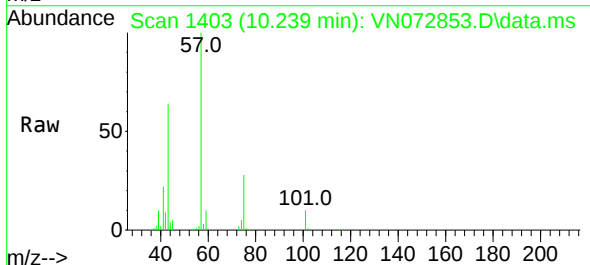
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#05

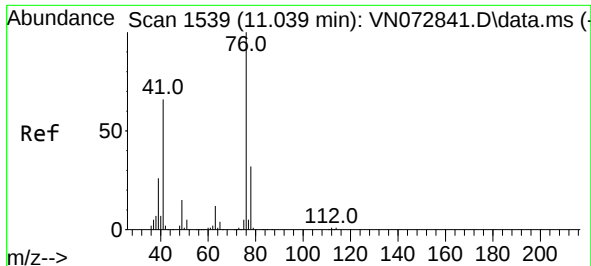
Tgt Ion: 43 Resp: 11150
Ion Ratio Lower Upper
43 100
58 39.2 34.1 51.1



#54
cis-1,3-Dichloropropene
Concen: 12.358 ug/l
RT: 10.239 min Scan# 1403
Delta R.T. 0.053 min
Lab File: VN072853.D
Acq: 15 Jun 2022 00:40

Tgt Ion: 75 Resp: 69445
Ion Ratio Lower Upper
75 100
77 0.7 25.2 37.8#
39 36.2 35.7 53.5





#57

1,3-Dichloropropane

Concen: 6.088 ug/l

RT: 11.086 min Scan# 1547

Delta R.T. 0.047 min

Lab File: VN072853.D

Acq: 15 Jun 2022 00:40

Instrument :

MSVOA_N

ClientSampleId :

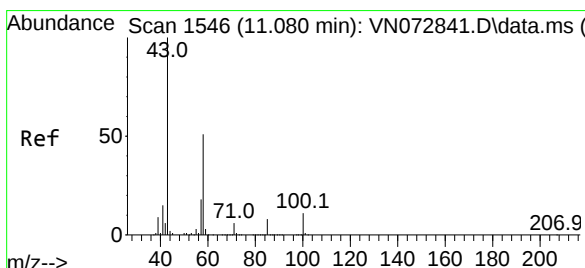
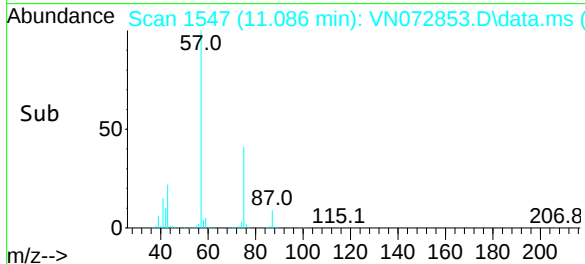
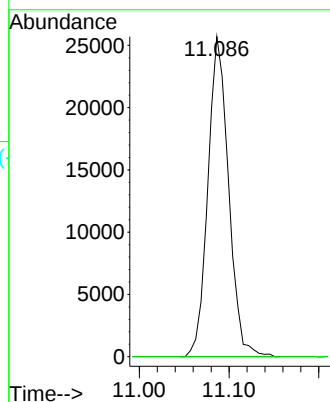
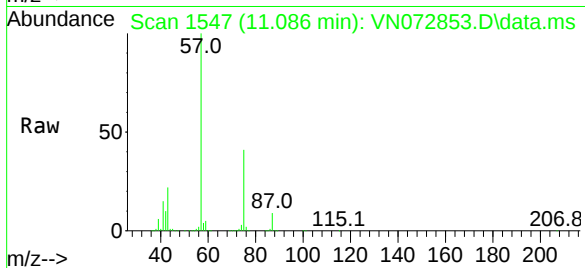
PB145494ZHE#05

Tgt Ion: 76 Resp: 41118

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.2#



#59

2-Hexanone

Concen: 114.192 ug/l

RT: 11.086 min Scan# 1547

Delta R.T. 0.006 min

Lab File: VN072853.D

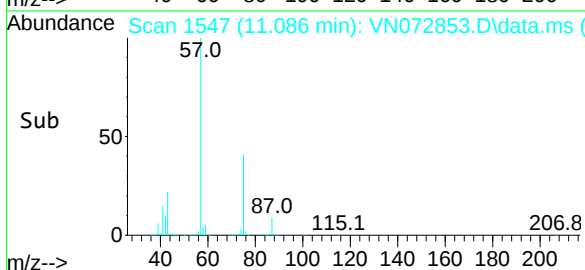
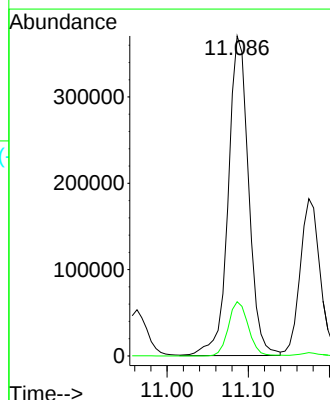
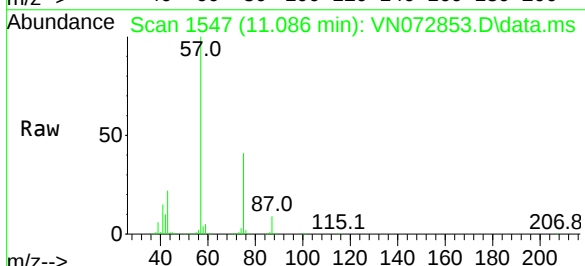
Acq: 15 Jun 2022 00:40

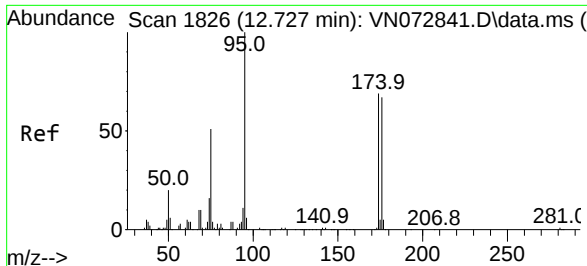
Tgt Ion: 43 Resp: 647485

Ion Ratio Lower Upper

43 100

58 16.6 29.7 89.1#

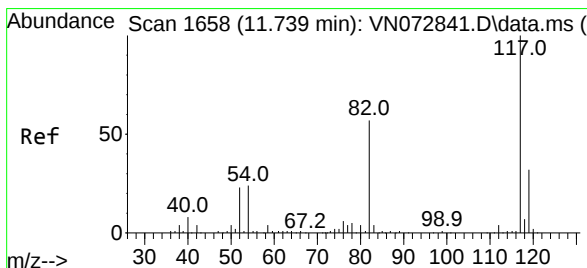
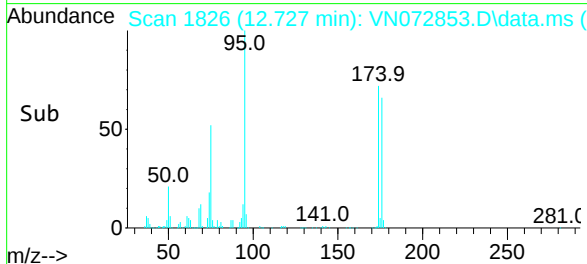
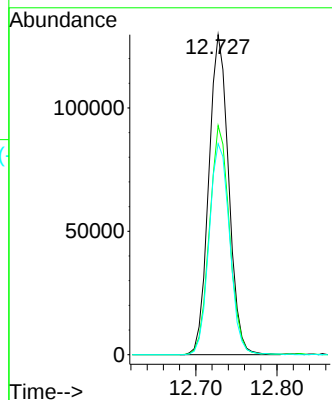
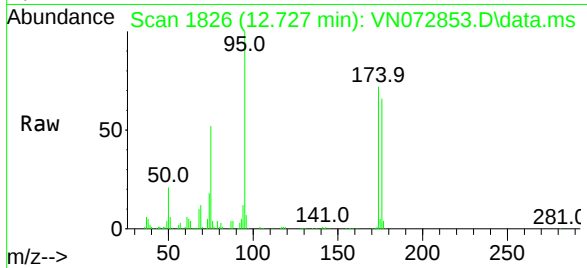




#62
4-Bromofluorobenzene
Concen: 50.164 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072853.D
Acq: 15 Jun 2022 00:40

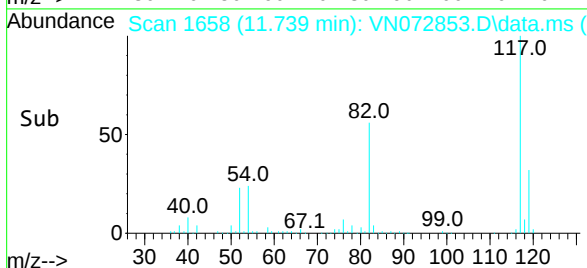
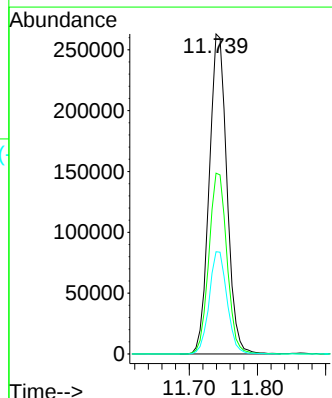
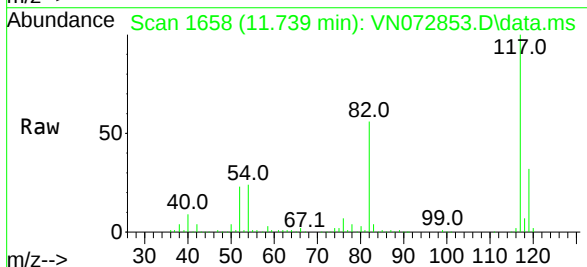
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#05

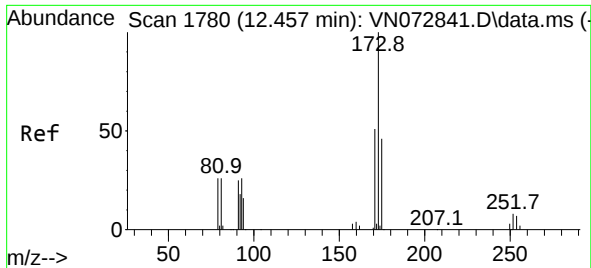
Tgt Ion: 95 Resp: 220565
Ion Ratio Lower Upper
95 100
174 72.2 0.0 167.6
176 68.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072853.D
Acq: 15 Jun 2022 00:40

Tgt Ion: 117 Resp: 475426
Ion Ratio Lower Upper
117 100
82 56.5 44.2 66.2
119 31.9 25.4 38.0

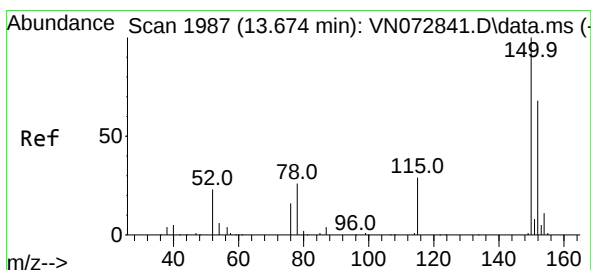
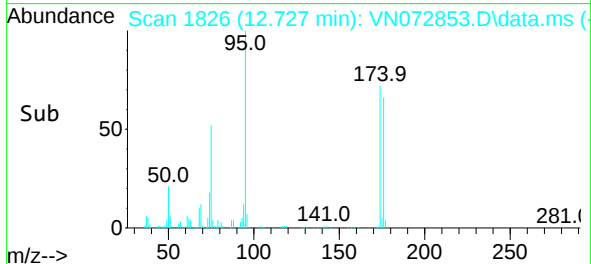
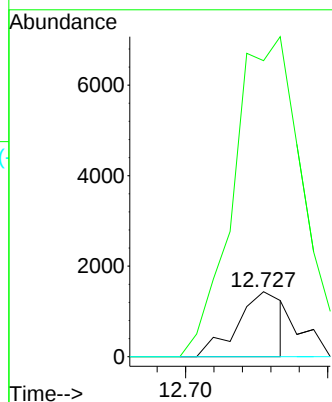
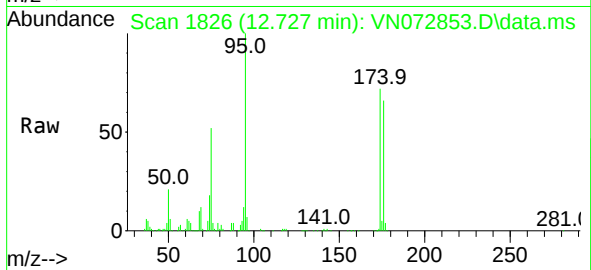




#71
Bromoform
Concen: 0.620 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.270 min
Lab File: VN072853.D
Acq: 15 Jun 2022 00:40

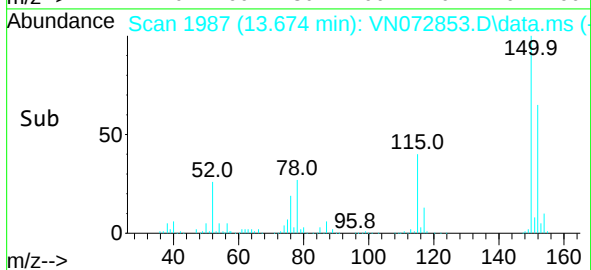
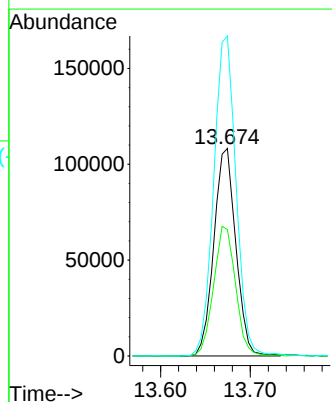
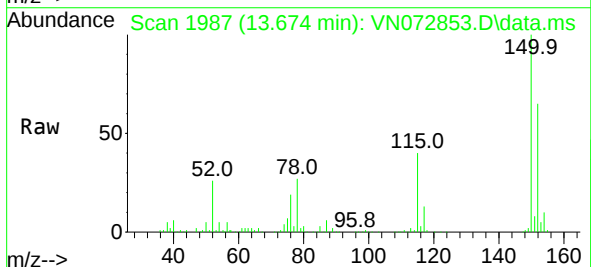
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#05

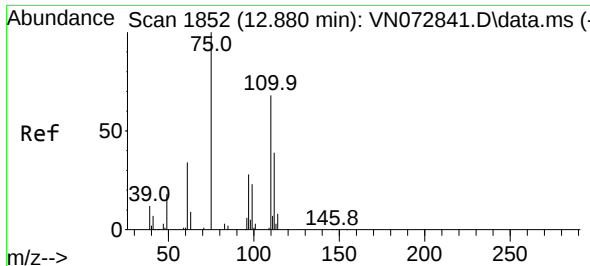
Tgt Ion:173 Resp: 1606
Ion Ratio Lower Upper
173 100
175 400.7 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VN072853.D
Acq: 15 Jun 2022 00:40

Tgt Ion:152 Resp: 184104
Ion Ratio Lower Upper
152 100
115 62.4 28.9 86.7
150 157.0 0.0 356.2

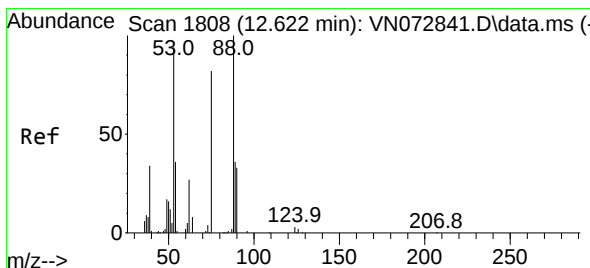
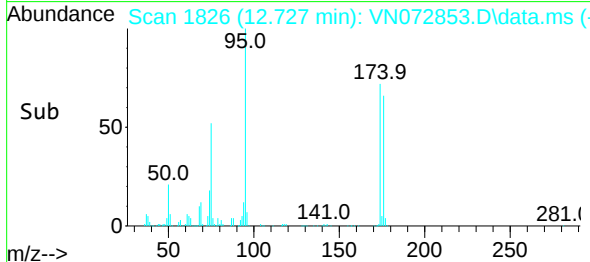
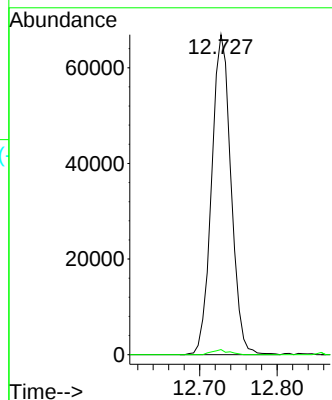
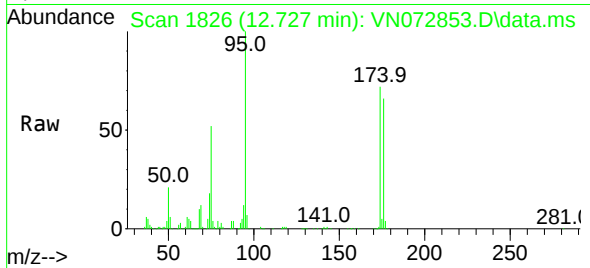




#76
 1,2,3-Trichloropropane
 Concen: 21.901 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.153 min
 Lab File: VN072853.D
 Acq: 15 Jun 2022 00:40

Instrument :
 MSVOA_N
 ClientSampleId :
 PB145494ZHE#05

Tgt Ion: 75 Resp: 116300
 Ion Ratio Lower Upper
 75 100
 77 1.4 98.5 295.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.108 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. 0.105 min
 Lab File: VN072853.D
 Acq: 15 Jun 2022 00:40

Tgt Ion: 75 Resp: 116300
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

