

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072856.D
 Acq On : 15 Jun 2022 01:53
 Operator : JC\MD
 Sample : PB145494ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB145494ZHE#08

Quant Time: Jun 15 04:37:51 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)

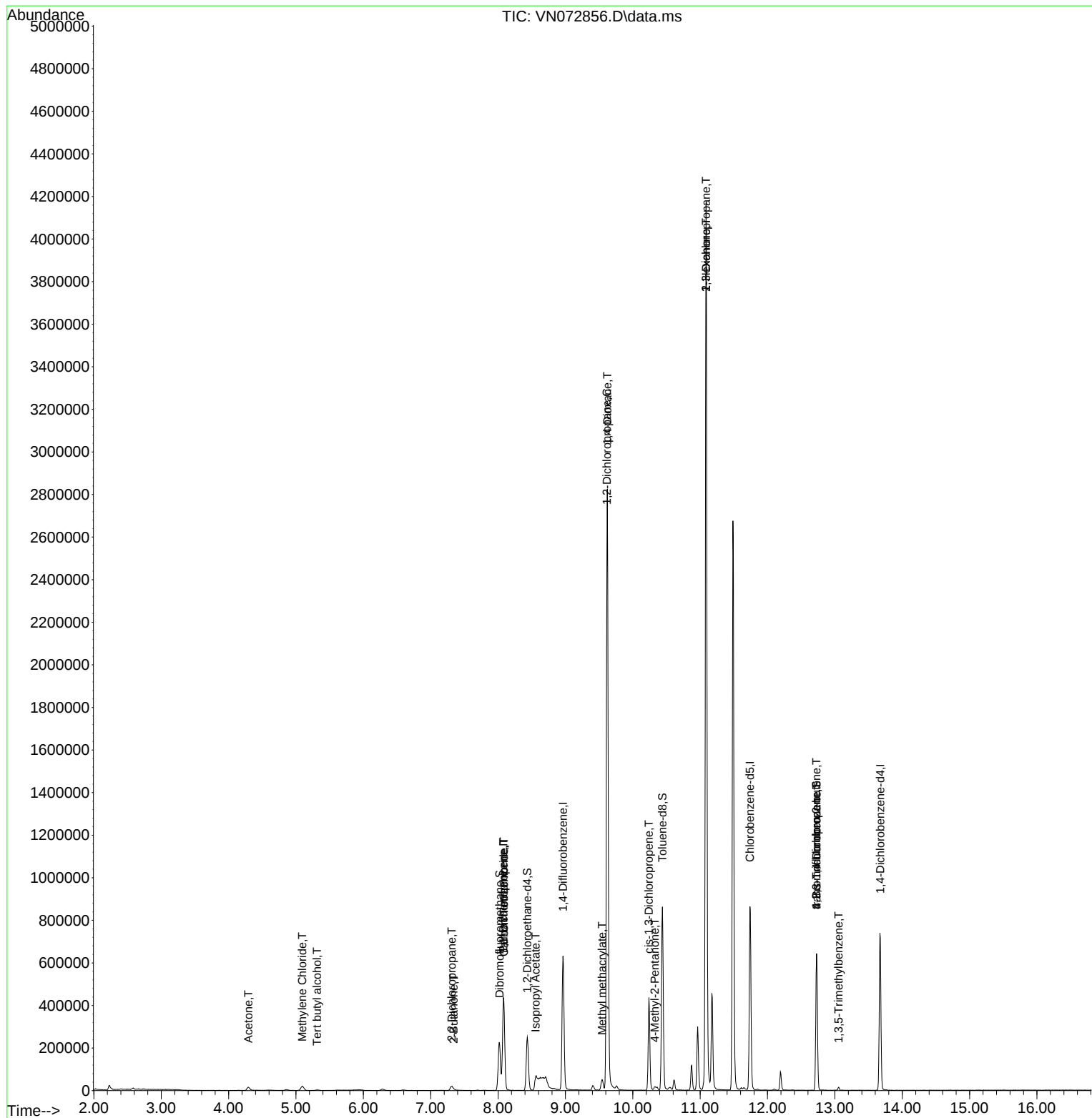
Internal Standards						
1) Pentafluorobenzene	8.081	168	312561	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	539706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	487565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	192155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	208201	43.009	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.020%		
35) Dibromofluoromethane	8.022	113	168864	50.536	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.080%		
50) Toluene-d8	10.439	98	579776	43.966	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	87.940%		
62) 4-Bromofluorobenzene	12.727	95	229667	51.883	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.760%		
Target Compounds						
						Qvalue
3) Chloromethane	2.293	50	407	Below Cal	#	43
6) Chloroethane	3.005	64	174	Below Cal	#	42
11) Tert butyl alcohol	5.310	59	1697	0.289	ug/l #	72
16) Acetone	4.293	43	30194	11.160	ug/l	94
17) Carbon Disulfide	4.522	76	116	Below Cal	#	75
18) Methyl Acetate	4.863	43	9846	Below Cal	#	78
20) Methylene Chloride	5.093	84	16140	2.986	ug/l	93
21) trans-1,2-Dichloroethene	5.646	96	56	Below Cal	#	1
25) 2-Butanone	7.340	43	7758	1.810	ug/l #	84
26) 2,2-Dichloropropane	7.310	77	1264	0.249	ug/l #	53
31) Cyclohexane	8.081	56	8441	Below Cal	#	14
36) 1,1-Dichloropropene	8.081	75	28202	6.320	ug/l #	48
38) Carbon Tetrachloride	8.087	117	34584	7.763	ug/l #	16
43) Isopropyl Acetate	8.557	43	91523	8.250	ug/l #	73
45) 1,2-Dichloropropane	9.616	63	3475	0.885	ug/l #	44
48) Methyl methacrylate	9.545	41	15033	2.843	ug/l #	10
49) 1,4-Dioxane	9.622	88	296	2.760	ug/l #	1
51) 4-Methyl-2-Pentanone	10.328	43	12463	1.639	ug/l #	83
54) cis-1,3-Dichloropropene	10.239	75	75146	13.283	ug/l #	69
57) 1,3-Dichloropropane	11.086	76	41902	6.163	ug/l #	42
59) 2-Hexanone	11.086	43	687759	120.480	ug/l #	44
76) 1,2,3-Trichloropropane	12.727	75	125136	22.577	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.057	105	6716	0.479	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.727	75	125136	70.212	ug/l #	10

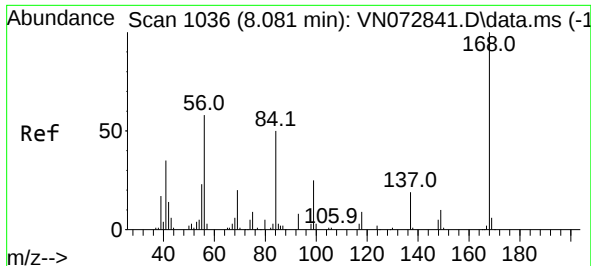
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
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Sample : PB145494ZHE#08
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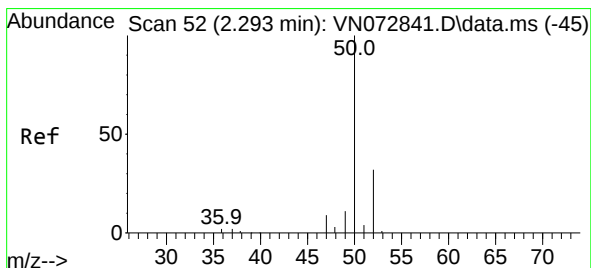
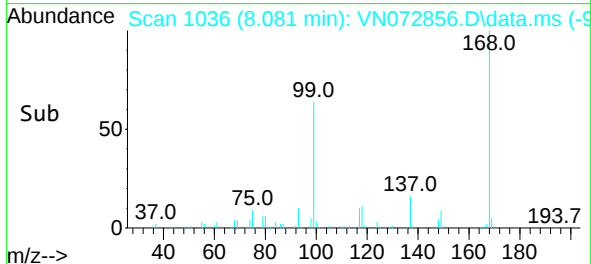
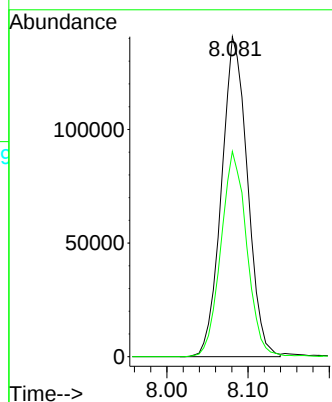
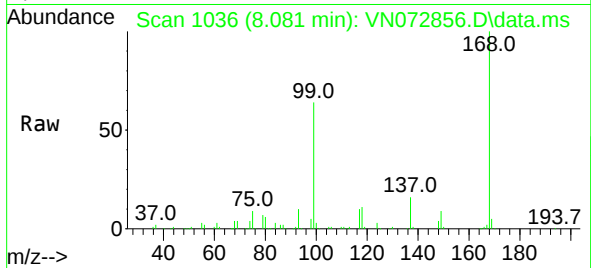




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

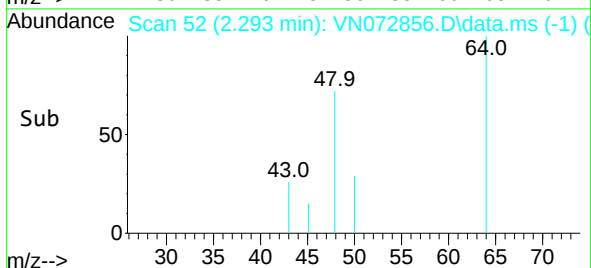
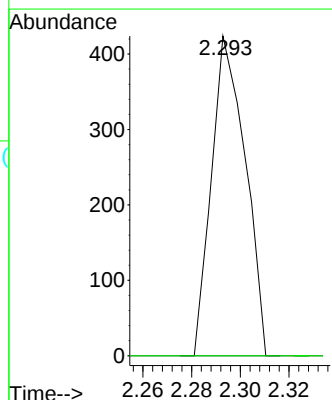
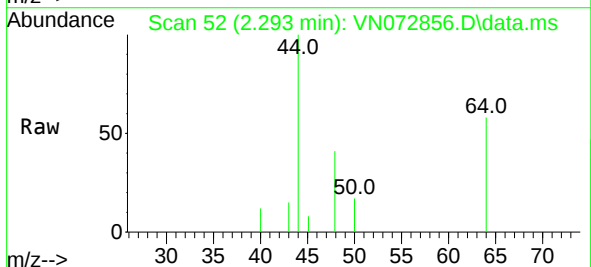
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#08

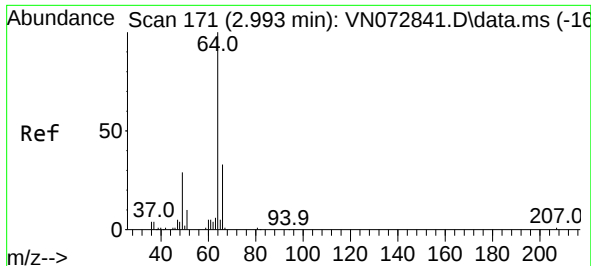
Tgt Ion:168 Resp: 312561
Ion Ratio Lower Upper
168 100
99 64.1 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

Tgt Ion: 50 Resp: 407
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

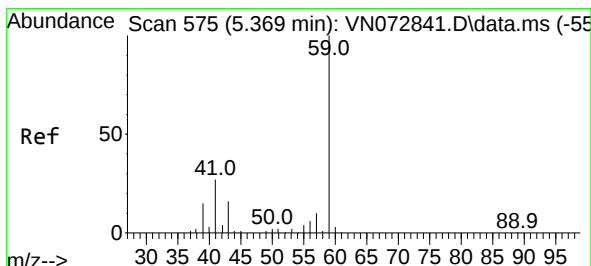
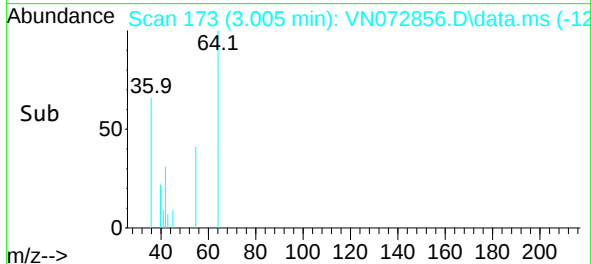
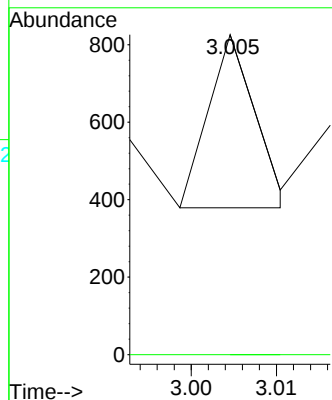
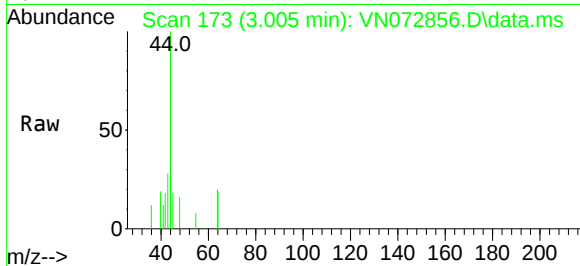




#6
Chloroethane
Concen: Below Cal
RT: 3.005 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

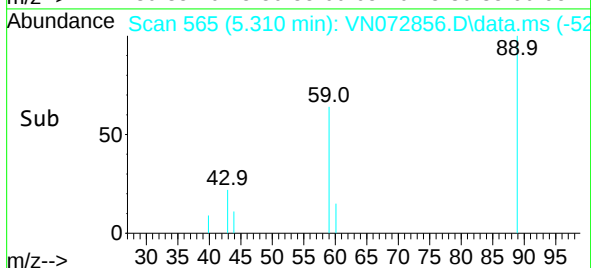
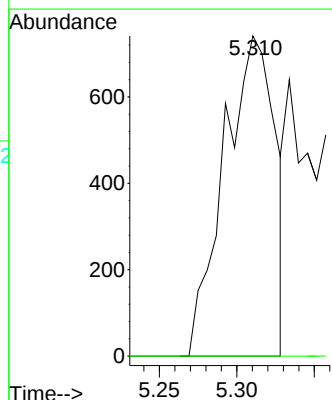
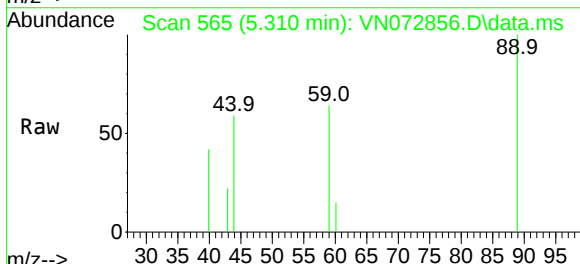
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#08

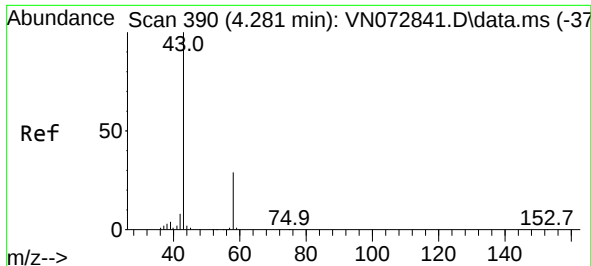
Tgt Ion: 64 Resp: 174
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.289 ug/l
RT: 5.310 min Scan# 565
Delta R.T. -0.059 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

Tgt Ion: 59 Resp: 1697
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

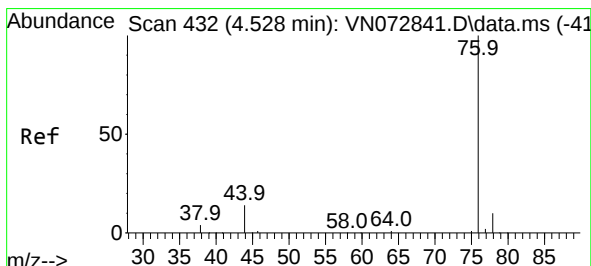
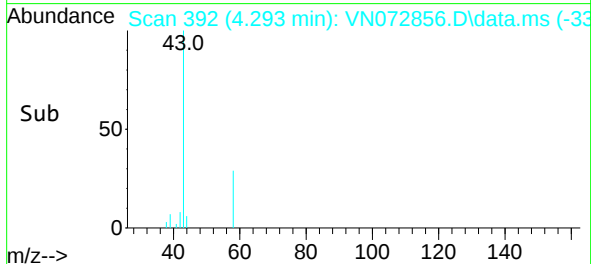
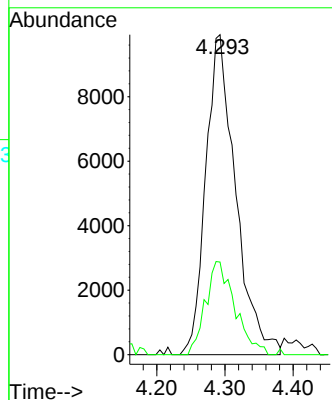
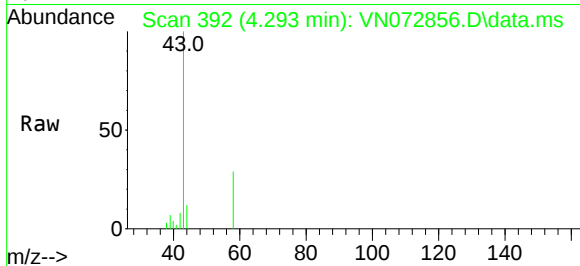




#16
Acetone
Concen: 11.160 ug/l
RT: 4.293 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

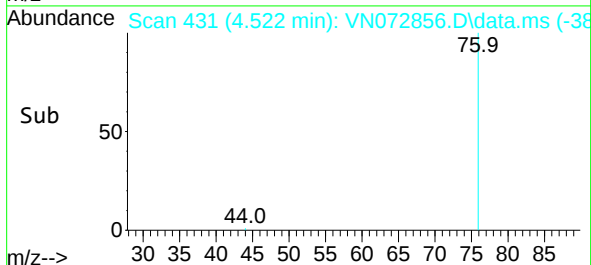
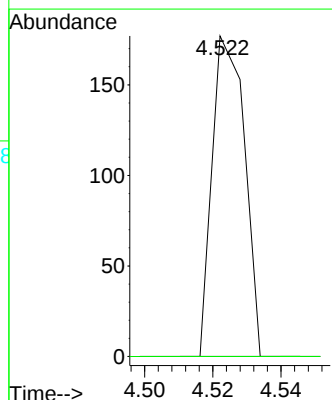
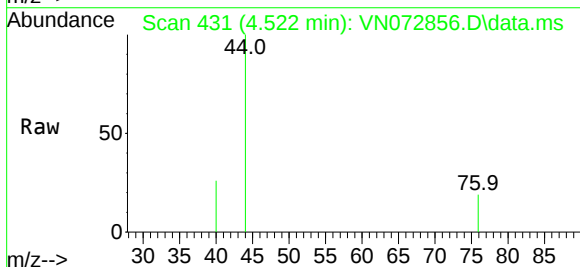
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#08

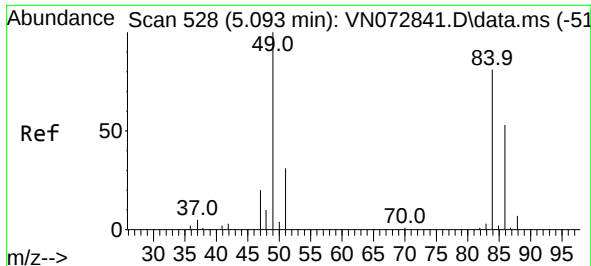
Tgt Ion: 43 Resp: 30194
Ion Ratio Lower Upper
43 100
58 29.0 26.0 39.0



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.522 min Scan# 431
Delta R.T. -0.006 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

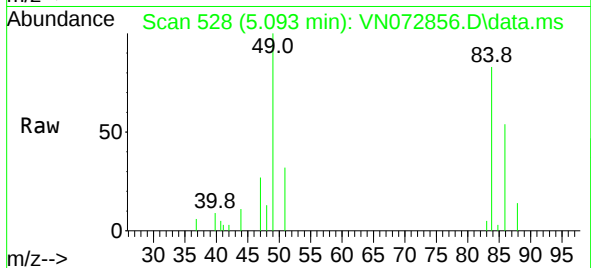
Tgt Ion: 76 Resp: 116
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



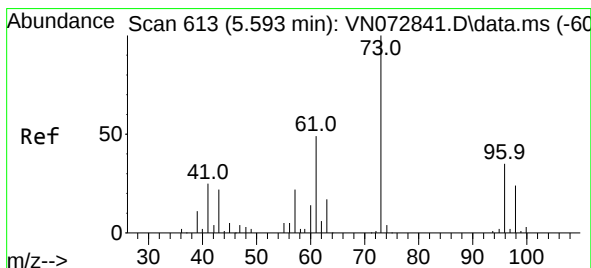
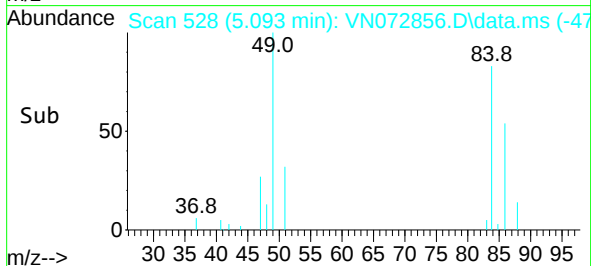
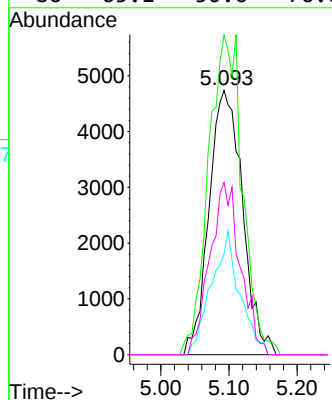


#20
Methylene Chloride
Concen: 2.986 ug/l
RT: 5.093 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#08

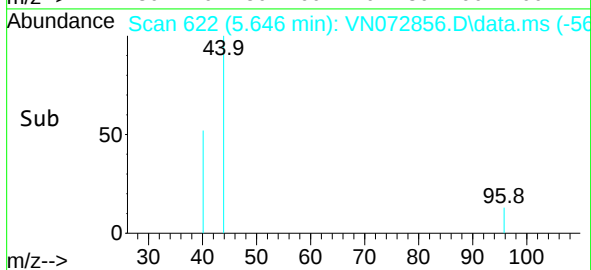
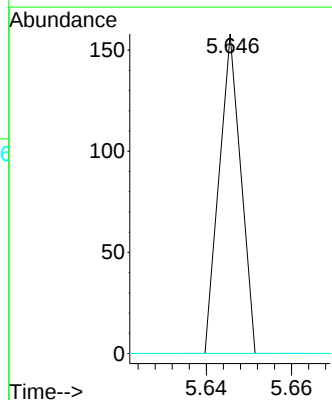
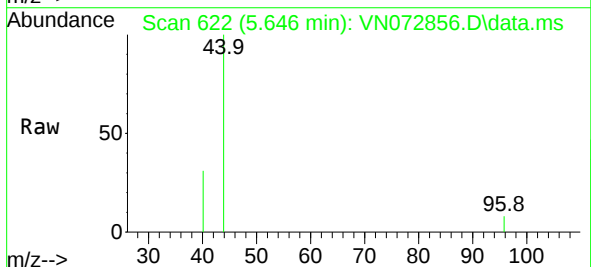


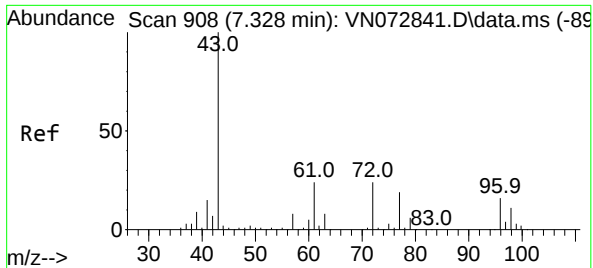
Tgt Ion: 84	Resp: 16140
Ion Ratio	Lower Upper
84 100	
49 120.7	88.3 132.5
51 38.1	28.2 42.2
86 65.1	50.6 76.0



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 5.646 min Scan# 622
Delta R.T. 0.053 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

Tgt Ion: 96	Resp: 56
Ion Ratio	Lower Upper
96 100	
61 0.0	105.8 158.8#
98 0.0	50.3 75.5#

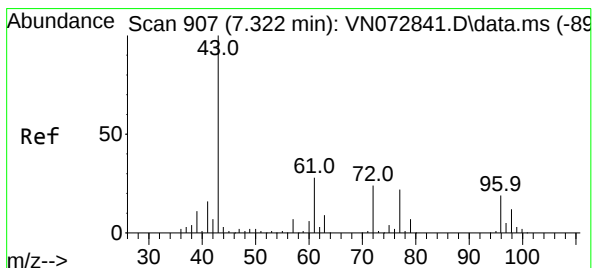
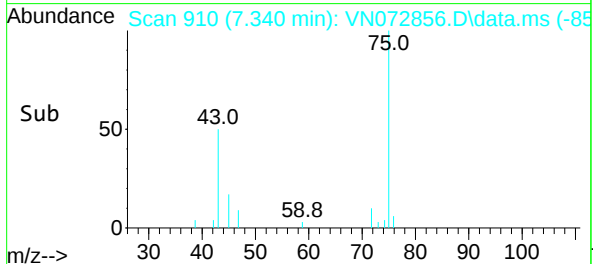
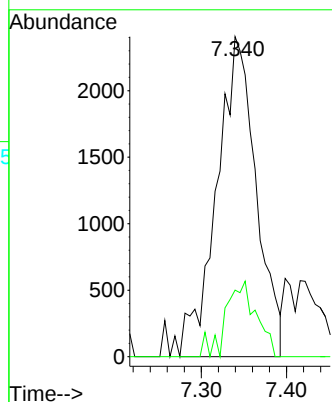
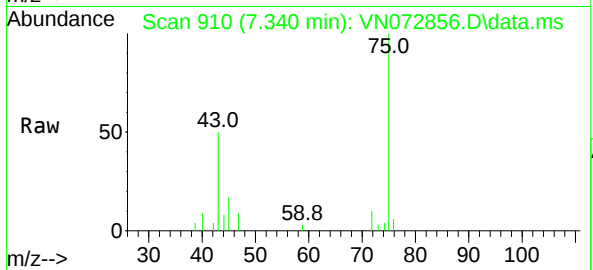




#25
2-Butanone
Concen: 1.810 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

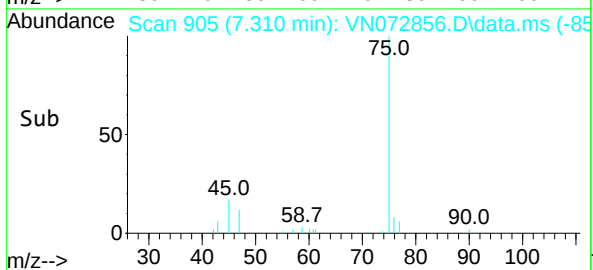
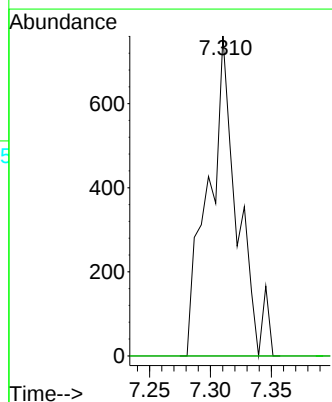
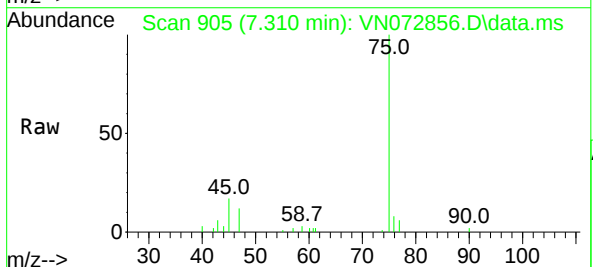
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#08

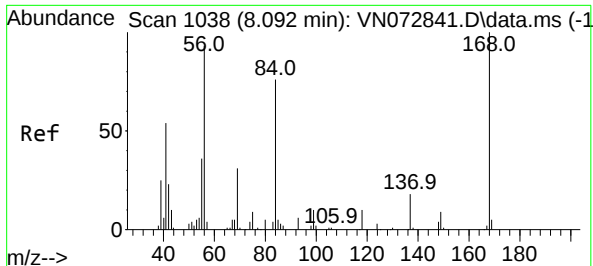
Tgt Ion: 43 Resp: 7758
Ion Ratio Lower Upper
43 100
72 20.8 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.249 ug/l
RT: 7.310 min Scan# 905
Delta R.T. -0.012 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

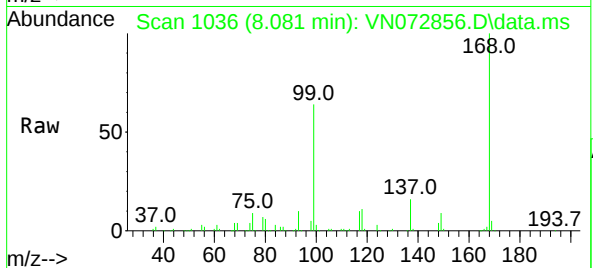
Tgt Ion: 77 Resp: 1264
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



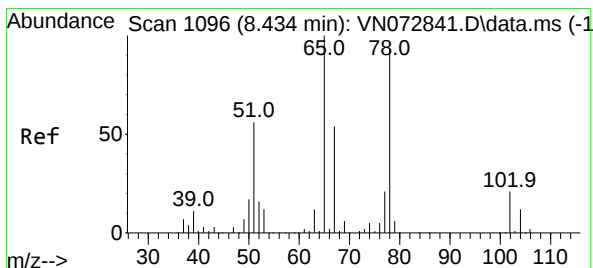
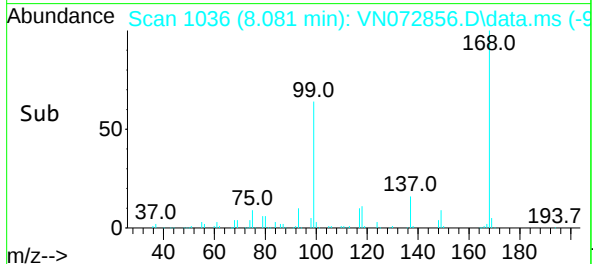
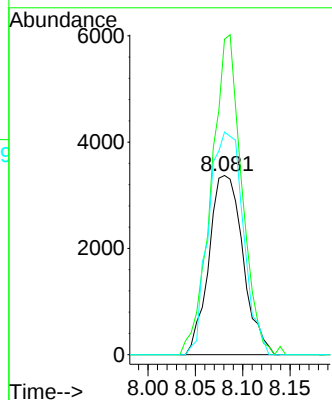


#31
Cyclohexane
Concen: Below Cal
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

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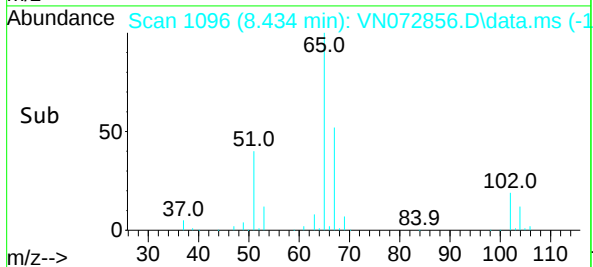
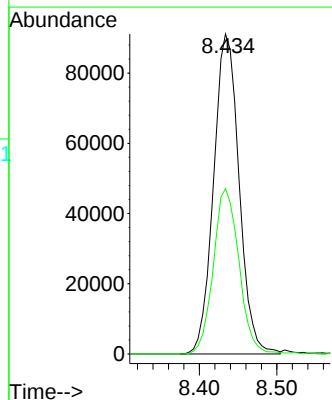
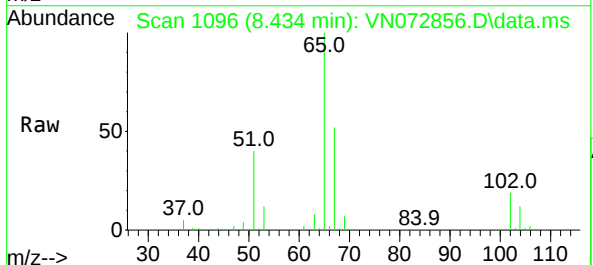


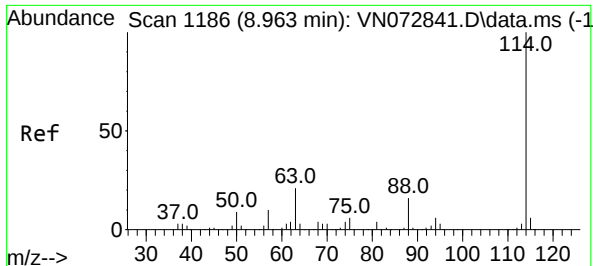
Tgt Ion: 56 Resp: 8441
Ion Ratio Lower Upper
56 100
69 176.2 27.8 41.8#
84 124.2 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 43.009 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

Tgt Ion: 65 Resp: 208201
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8

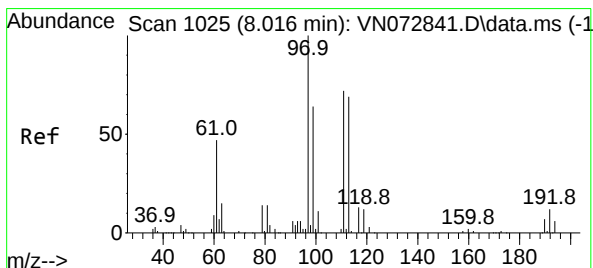
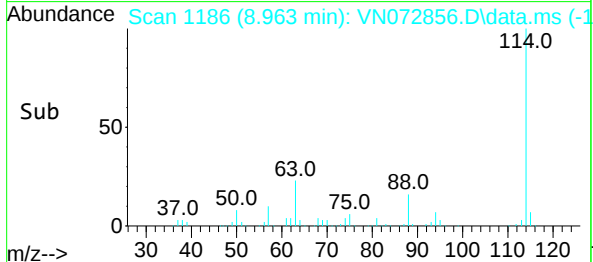
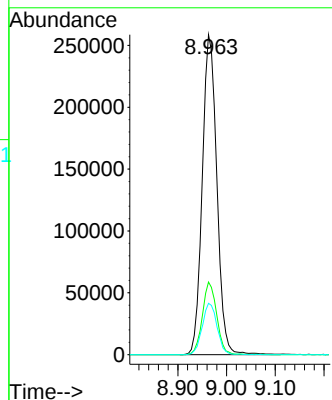
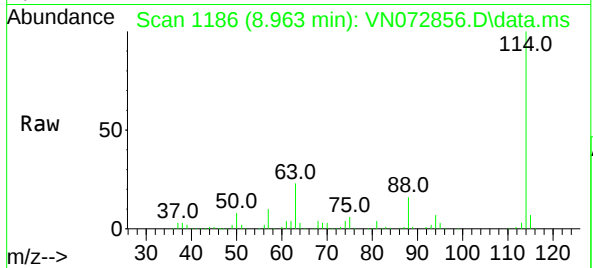




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

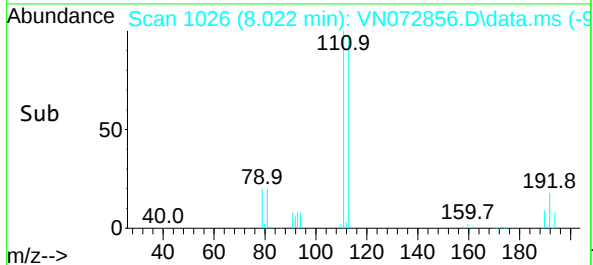
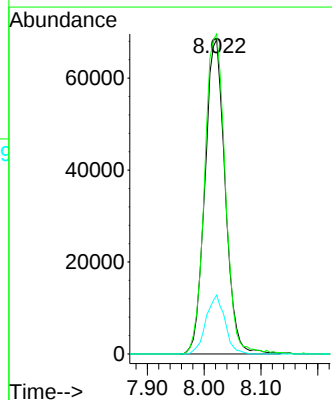
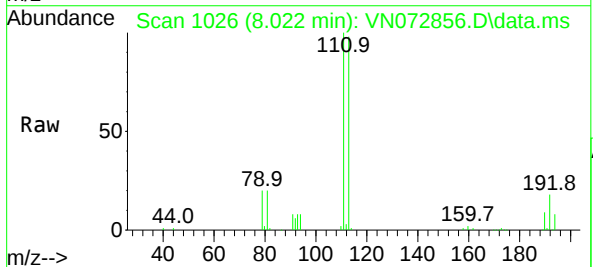
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#08

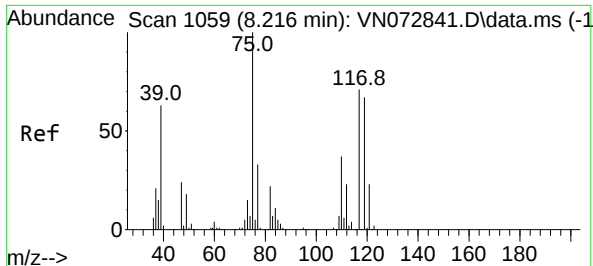
Tgt Ion:114 Resp: 539706
Ion Ratio Lower Upper
114 100
63 22.7 0.0 40.0
88 16.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.536 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

Tgt Ion:113 Resp: 168864
Ion Ratio Lower Upper
113 100
111 104.2 81.4 122.0
192 17.5 17.0 25.6





#36

1,1-Dichloropropene

Concen: 6.320 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072856.D

Acq: 15 Jun 2022 01:53

Instrument :

MSVOA_N

ClientSampleId :

PB145494ZHE#08

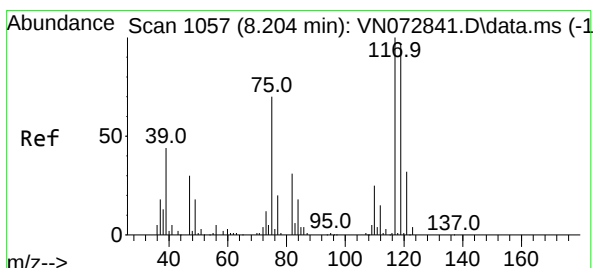
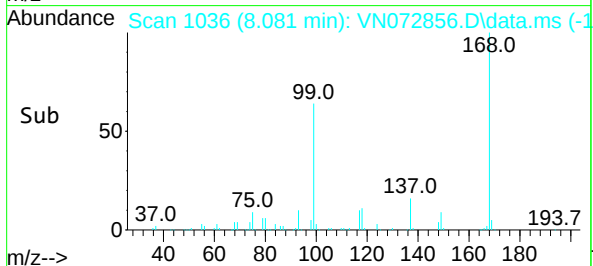
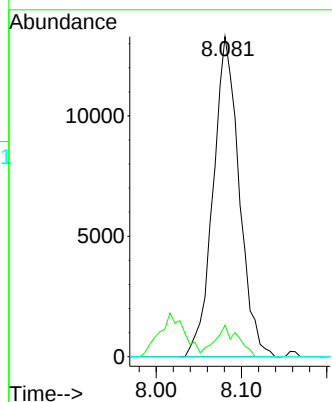
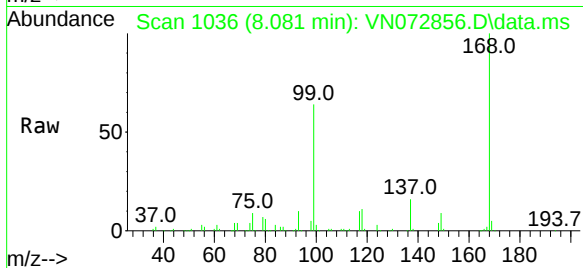
Tgt Ion: 75 Resp: 28202

Ion Ratio Lower Upper

75 100

110 8.7 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 7.763 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. -0.117 min

Lab File: VN072856.D

Acq: 15 Jun 2022 01:53

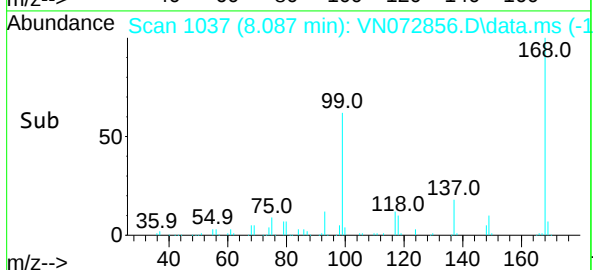
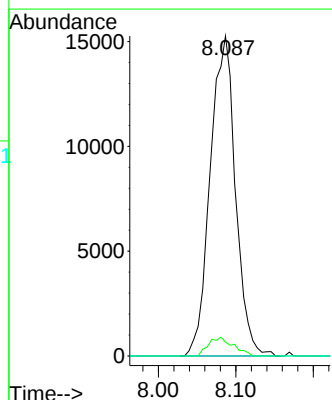
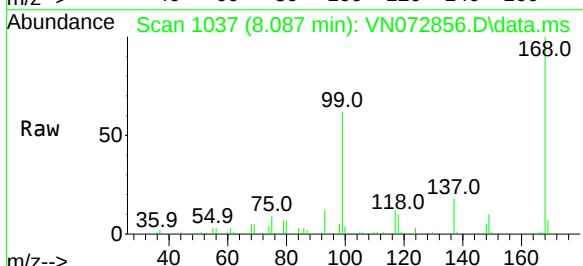
Tgt Ion: 117 Resp: 34584

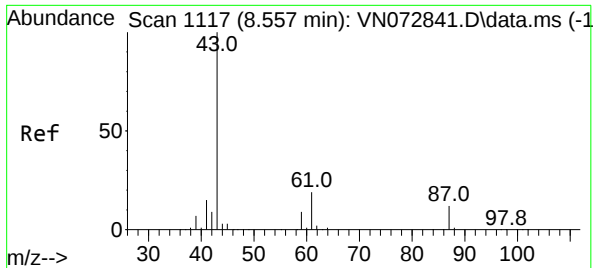
Ion Ratio Lower Upper

117 100

119 4.4 75.8 113.8#

121 0.0 24.6 37.0#

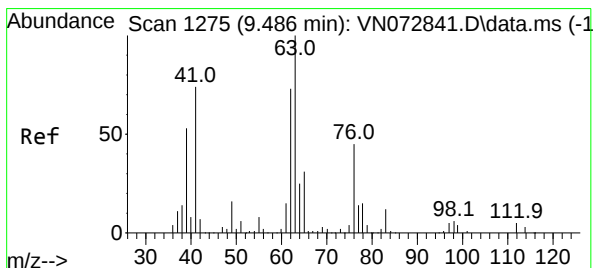
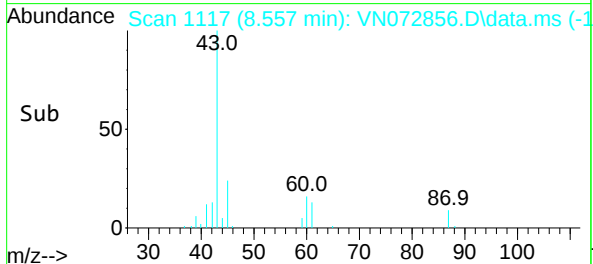
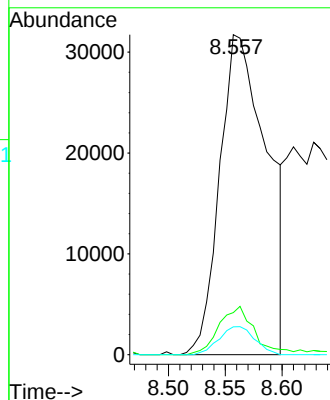
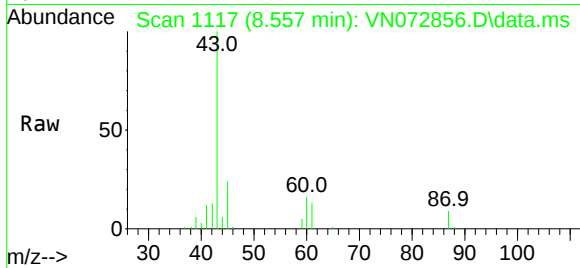




#43
Isopropyl Acetate
Concen: 8.250 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

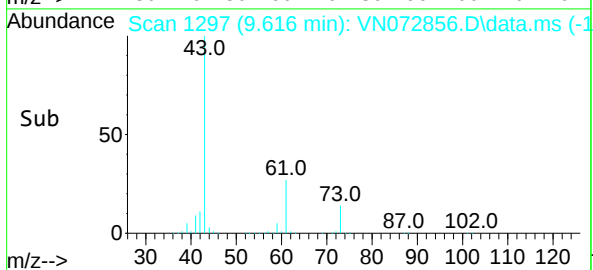
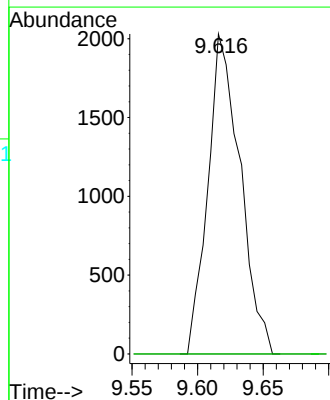
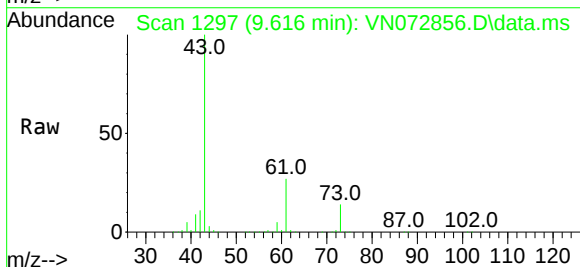
Instrument : MSVOA_N
ClientSampleId : PB145494ZHE#08

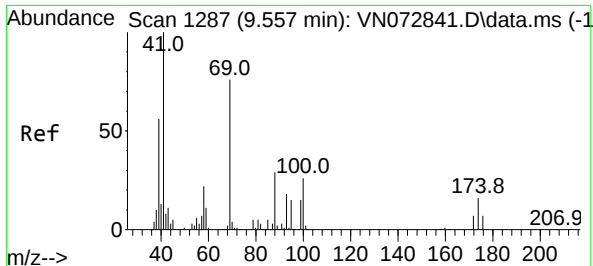
Tgt Ion: 43 Resp: 91523
Ion Ratio Lower Upper
43 100
61 11.3 21.9 32.9#
87 6.7 12.0 18.0#



#45
1,2-Dichloropropane
Concen: 0.885 ug/l
RT: 9.616 min Scan# 1297
Delta R.T. 0.130 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

Tgt Ion: 63 Resp: 3475
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#





#48

Methyl methacrylate

Concen: 2.843 ug/l

RT: 9.545 min Scan# 11

Delta R.T. -0.012 min

Lab File: VN072856.D

Acq: 15 Jun 2022 01:53

Instrument :

MSVOA_N

ClientSampleId :

PB145494ZHE#08

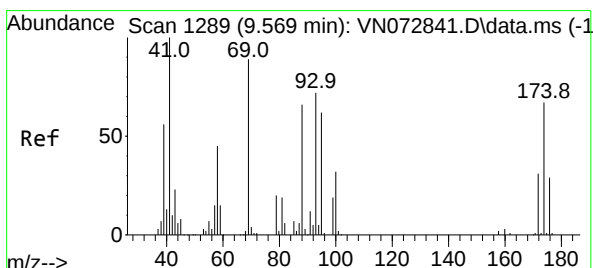
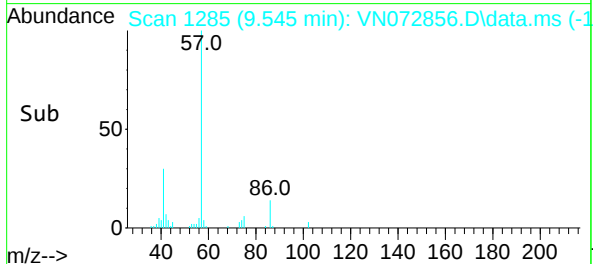
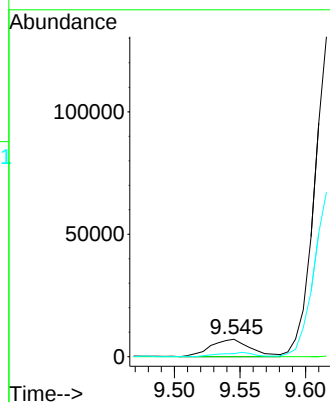
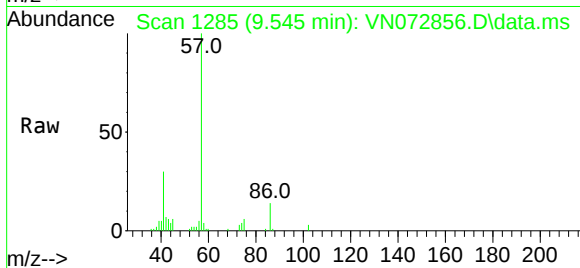
Tgt Ion: 41 Resp: 15033

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: 2.760 ug/l

RT: 9.622 min Scan# 1298

Delta R.T. 0.053 min

Lab File: VN072856.D

Acq: 15 Jun 2022 01:53

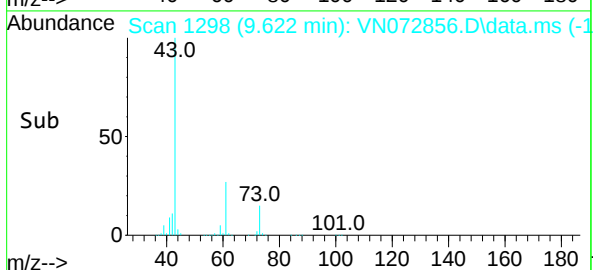
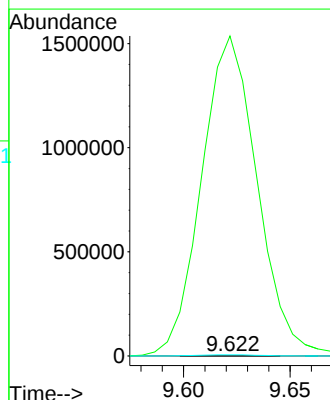
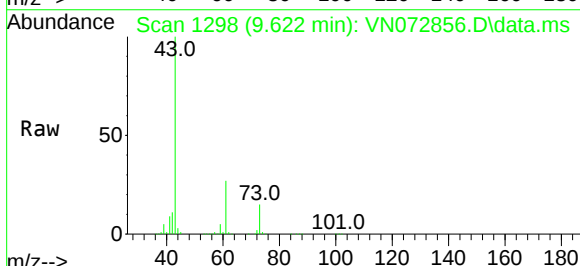
Tgt Ion: 88 Resp: 296

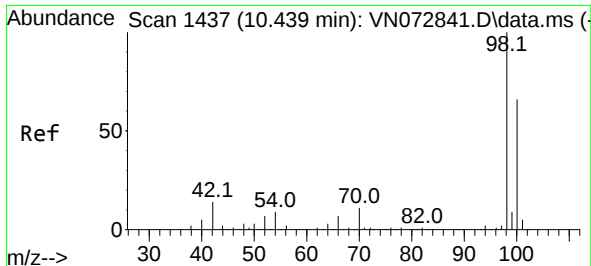
Ion Ratio Lower Upper

88 100

43 954981.4 20.2 30.4#

58 3852.7 54.2 81.4#

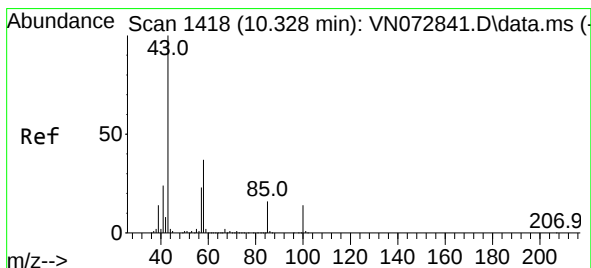
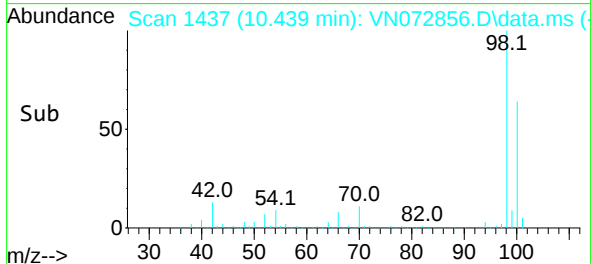
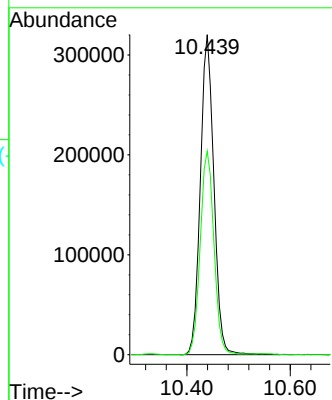
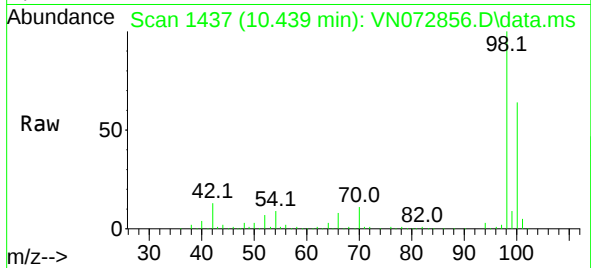




#50
Toluene-d8
Concen: 43.966 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

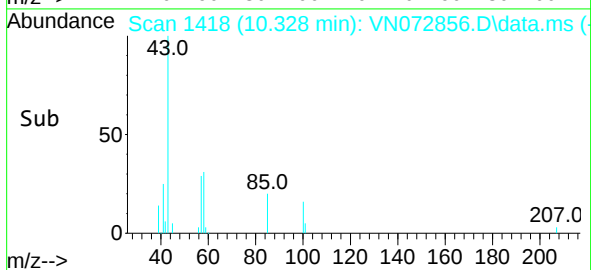
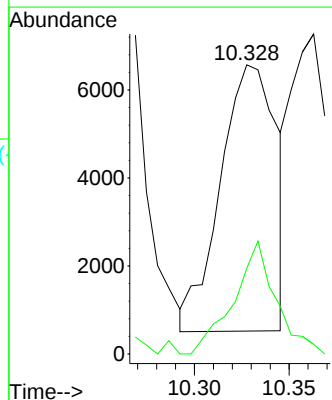
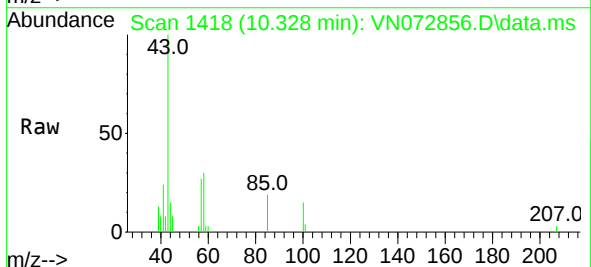
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#08

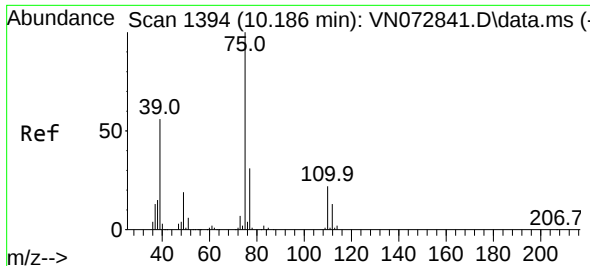
Tgt Ion: 98 Resp: 579776
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.639 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

Tgt Ion: 43 Resp: 12463
Ion Ratio Lower Upper
43 100
58 31.8 34.1 51.1#

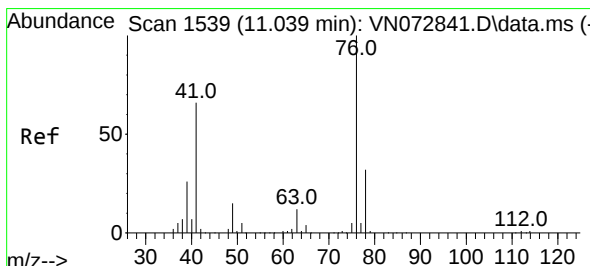
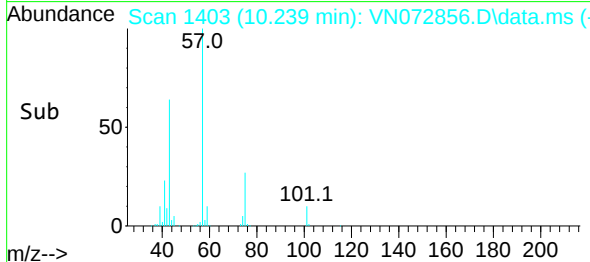
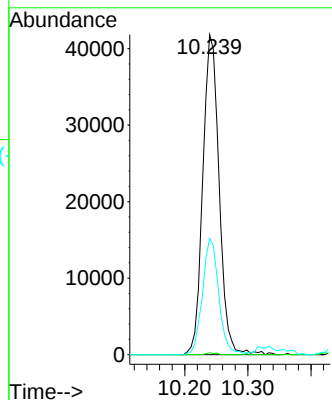
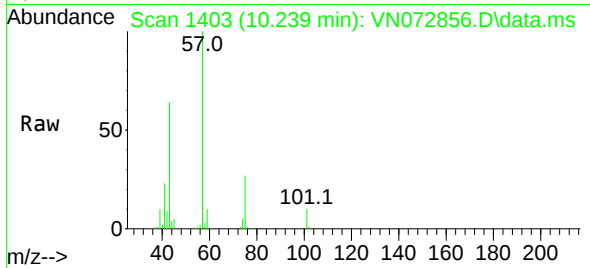




#54
cis-1,3-Dichloropropene
Concen: 13.283 ug/l
RT: 10.239 min Scan# 14
Delta R.T. 0.053 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

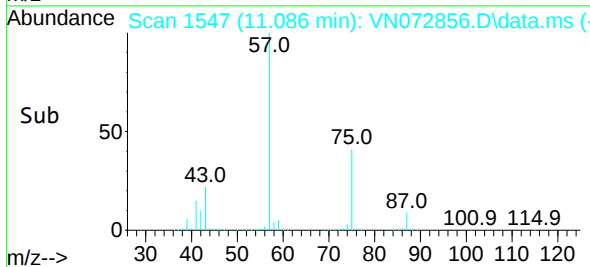
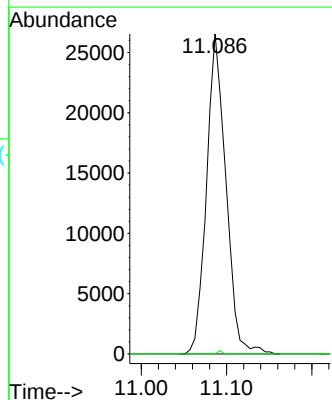
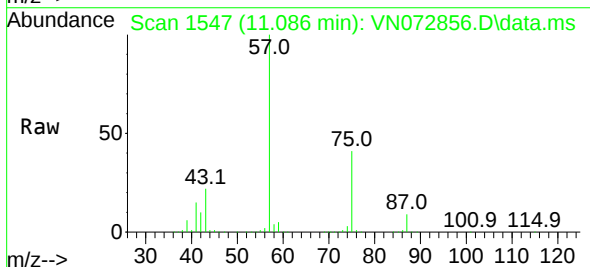
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#08

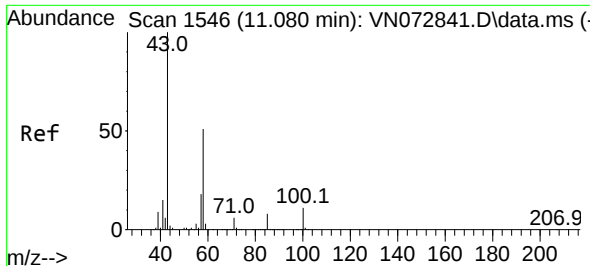
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.2	37.8#
39	36.3	35.7	53.5



#57
1,3-Dichloropropane
Concen: 6.163 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.047 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.2	26.2	39.2#

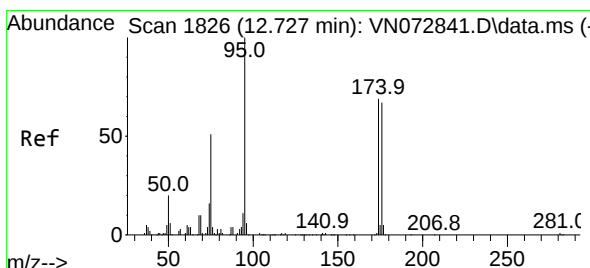
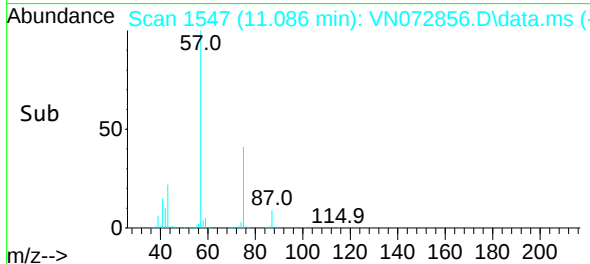
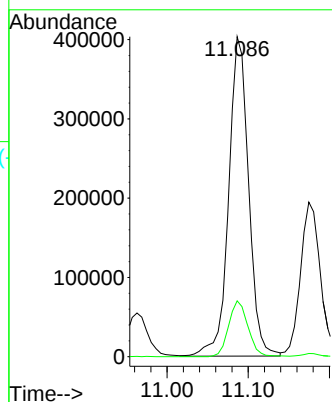
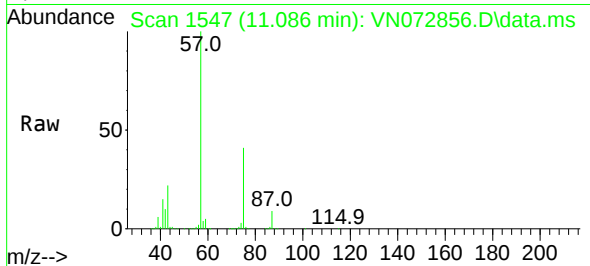




#59
2-Hexanone
Concen: 120.480 ug/l
RT: 11.086 min Scan# 1154
Delta R.T. 0.006 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

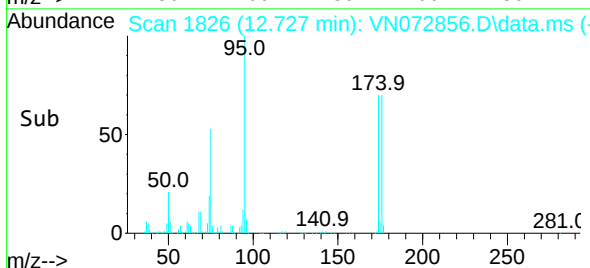
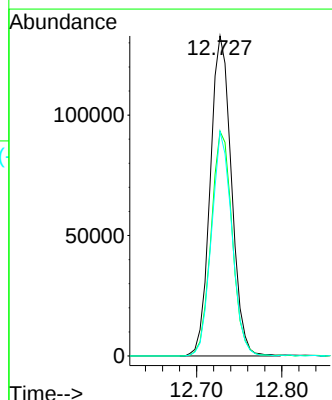
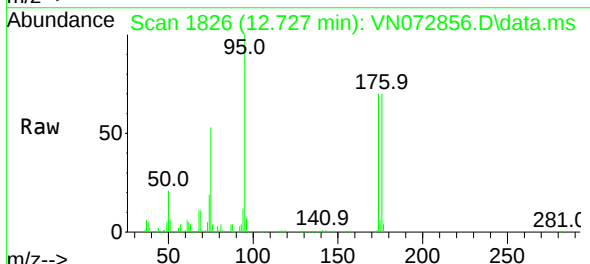
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#08

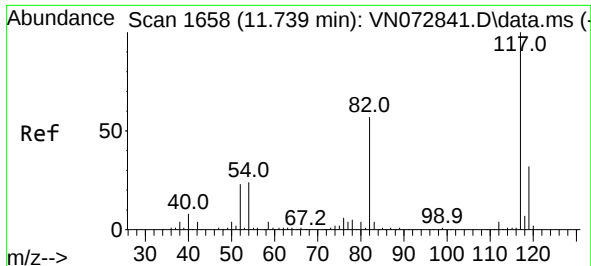
Tgt Ion: 43 Resp: 687759
Ion Ratio Lower Upper
43 100
58 17.0 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 51.883 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

Tgt Ion: 95 Resp: 229667
Ion Ratio Lower Upper
95 100
174 69.8 0.0 167.6
176 67.4 0.0 163.4

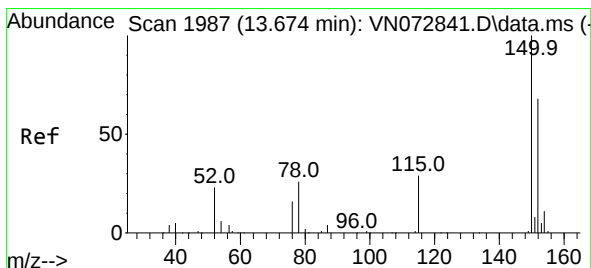
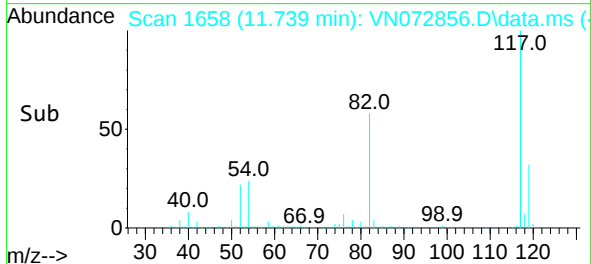
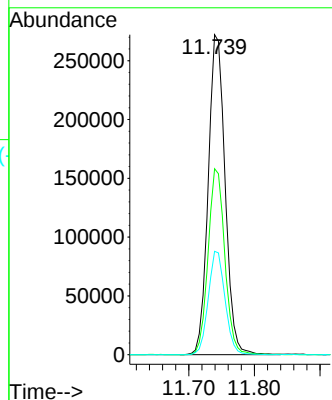
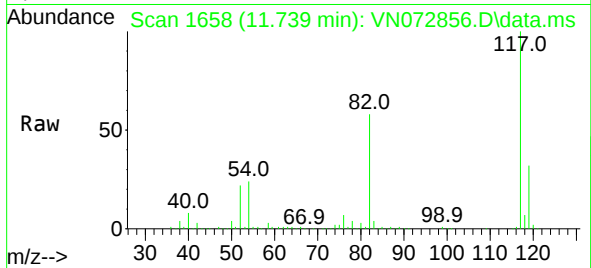




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

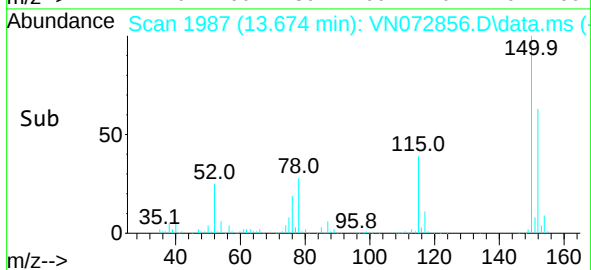
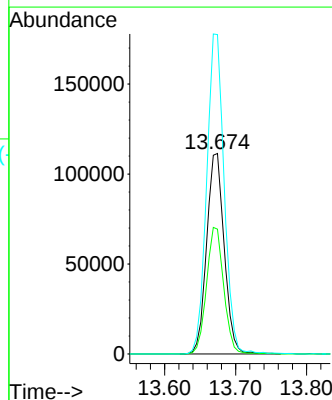
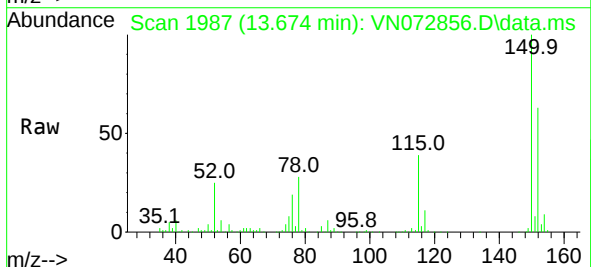
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#08

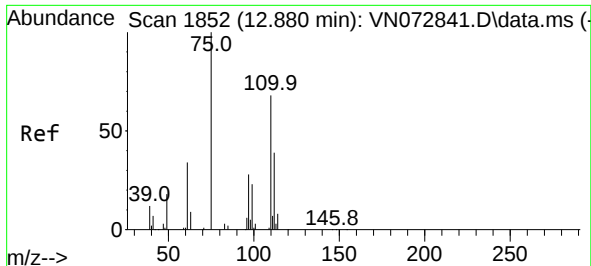
Tgt Ion:117 Resp: 487565
Ion Ratio Lower Upper
117 100
82 58.1 44.2 66.2
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

Tgt Ion:152 Resp: 192155
Ion Ratio Lower Upper
152 100
115 61.8 28.9 86.7
150 158.9 0.0 356.2

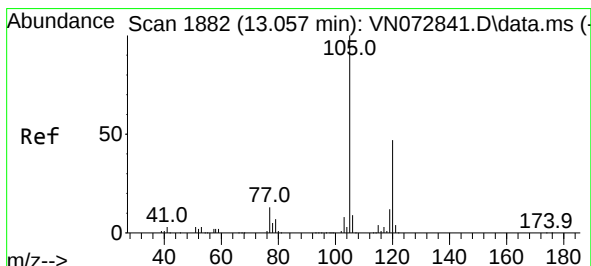
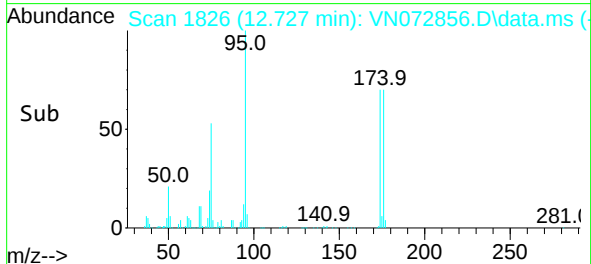
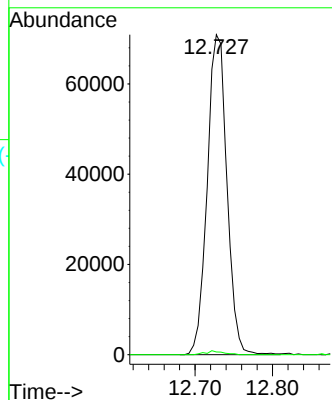
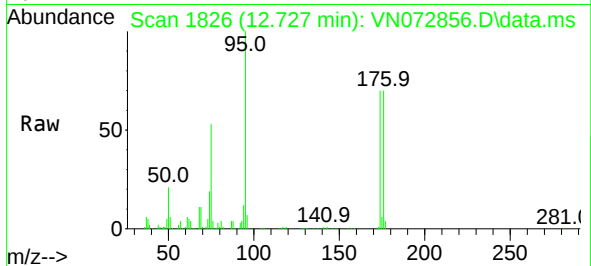




#76
1,2,3-Trichloropropane
Concen: 22.577 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.153 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

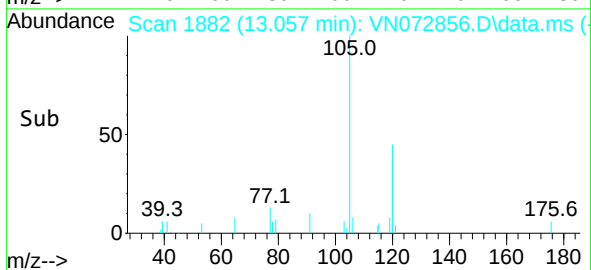
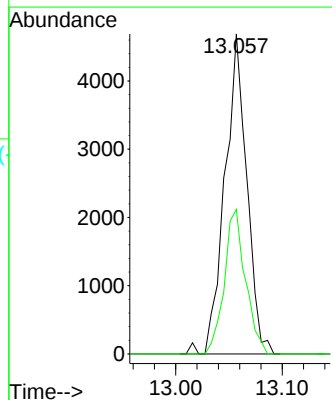
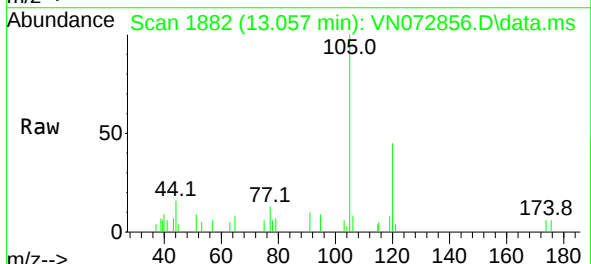
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#08

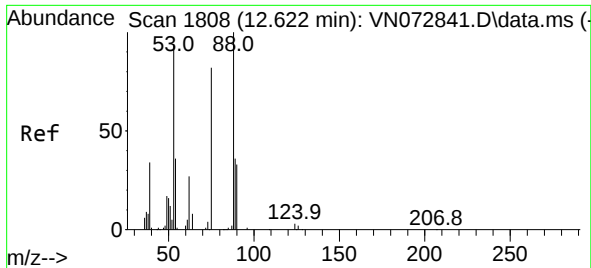
Tgt Ion: 75 Resp: 125136
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.479 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072856.D
Acq: 15 Jun 2022 01:53

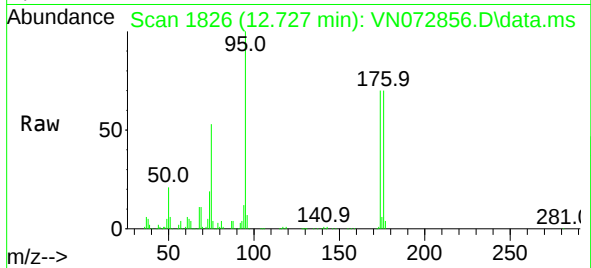
Tgt Ion:105 Resp: 6716
Ion Ratio Lower Upper
105 100
120 43.4 24.9 74.7





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.212 ug/l
 RT: 12.727 min Scan# 11
 Delta R.T. 0.105 min
 Lab File: VN072856.D
 Acq: 15 Jun 2022 01:53

Instrument :
 MSVOA_N
 ClientSampleId :
 PB145494ZHE#08



Tgt Ion: 75 Resp: 125136
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.1 37.2 55.8#

