

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061423\
 Data File : VN078208.D
 Acq On : 14 Jun 2023 16:08
 Operator : JC\MD
 Sample : 03214-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HYATT-PIPE-TP

Quant Time: Jun 15 02:45:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

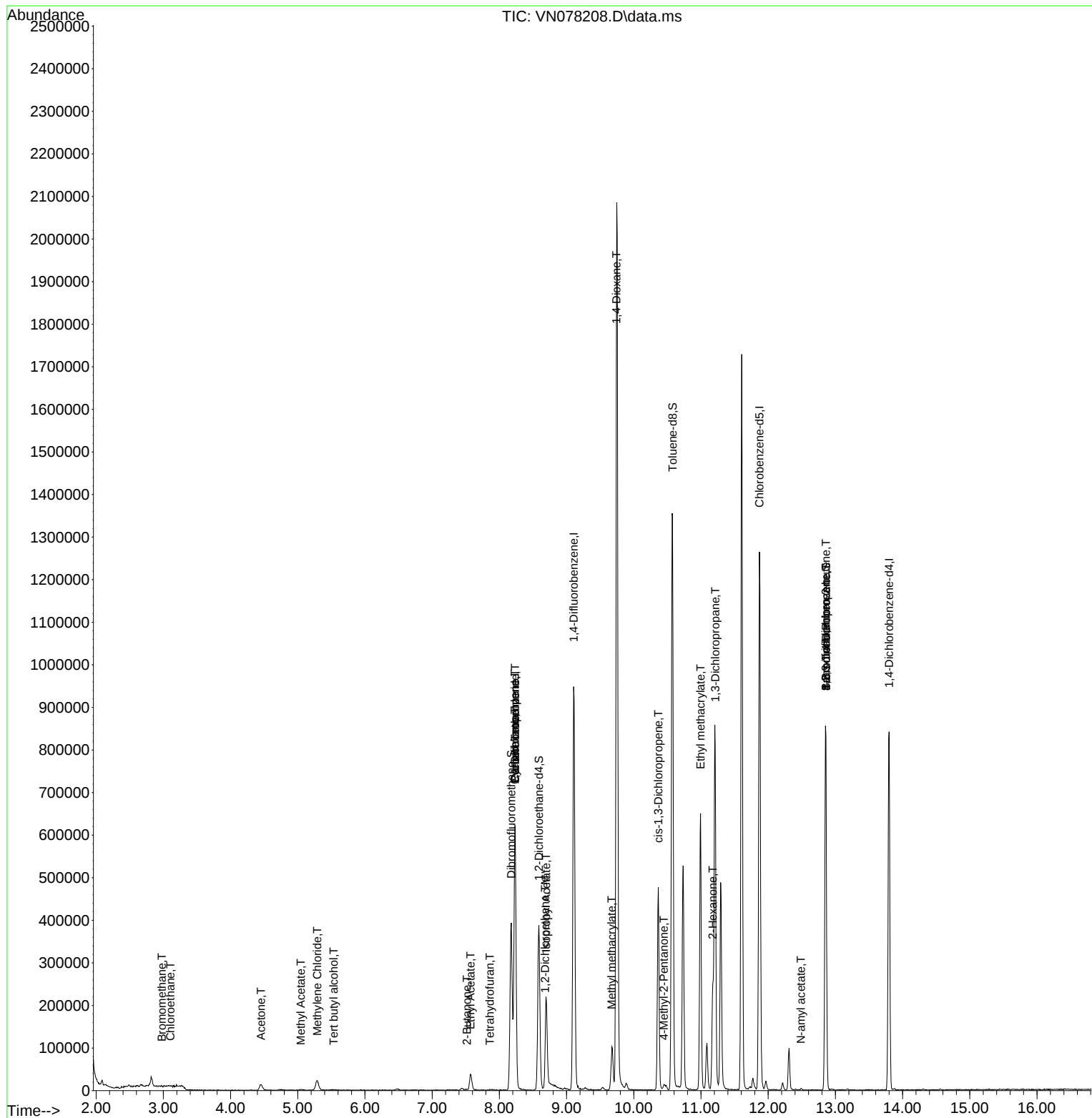
Internal Standards						
1) Pentafluorobenzene	8.235	168	440960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	834195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	762536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	227854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	312263	53.112	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.220%			
35) Dibromofluoromethane	8.177	113	278526	52.806	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.620%			
50) Toluene-d8	10.576	98	1005098	49.430	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.860%			
62) 4-Bromofluorobenzene	12.859	95	312220	49.392	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.780%			
Target Compounds						Qvalue
3) Chloromethane	2.377	50	946	Below Cal		89
5) Bromomethane	2.977	94	1314	0.266 ug/l #		79
6) Chloroethane	3.106	64	1027	0.231 ug/l #		43
11) Tert butyl alcohol	5.536	59	223	0.275 ug/l #		72
16) Acetone	4.453	43	27146	16.041 ug/l #		83
18) Methyl Acetate	5.047	43	1836	0.236 ug/l		94
20) Methylene Chloride	5.289	84	18599	3.326 ug/l #		80
25) 2-Butanone	7.518	43	2800	1.076 ug/l #		59
29) Tetrahydrofuran	7.859	42	876	0.504 ug/l #		73
31) Cyclohexane	8.229	56	10688	1.417 ug/l #		23
36) 1,1-Dichloropropene	8.229	75	37922	5.012 ug/l #		48
37) Ethyl Acetate	7.571	43	53222	9.005 ug/l #		96
38) Carbon Tetrachloride	8.235	117	49400	6.184 ug/l #		15
42) 1,2-Dichloroethane	8.682	62	1676	0.216 ug/l #		73
43) Isopropyl Acetate	8.694	43	257789	22.807 ug/l #		81
48) Methyl methacrylate	9.671	41	5703	1.202 ug/l #		30
49) 1,4-Dioxane	9.741	88	275	2.758 ug/l #		1
51) 4-Methyl-2-Pentanone	10.447	43	8421	1.415 ug/l		92
54) cis-1,3-Dichloropropene	10.365	75	88047	9.947 ug/l #		73
56) Ethyl methacrylate	10.994	69	2460	0.313 ug/l #		1
57) 1,3-Dichloropropane	11.212	76	9486	1.042 ug/l #		42
59) 2-Hexanone	11.176	43	190873	46.056 ug/l #		19
71) Bromoform	12.859	173	3275	0.845 ug/l #		1
74) N-amyl acetate	12.488	43	1546	0.218 ug/l #		41
75) 1,1,2,2-Tetrachloroethane	12.853	83	229	Below Cal #		1
76) 1,2,3-Trichloropropane	12.859	75	164787	30.592 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.859	75	164787	93.989 ug/l #		15

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061423\
Data File : VN078208.D
Acq On : 14 Jun 2023 16:08
Operator : JC\MD
Sample : 03214-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HYATT-PIPE-TP

Quant Time: Jun 15 02:45:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

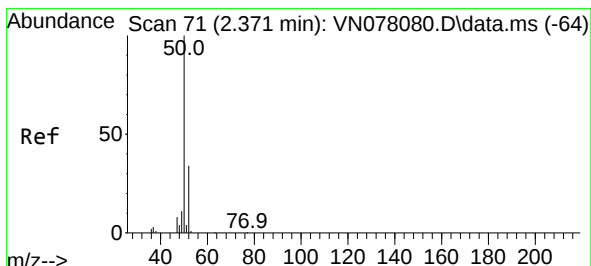
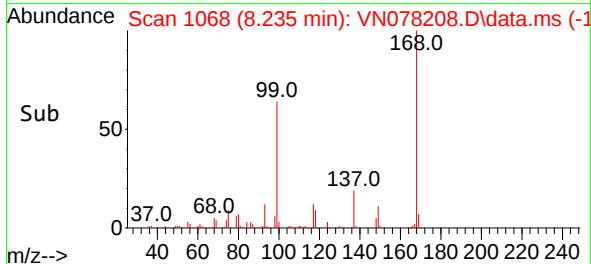
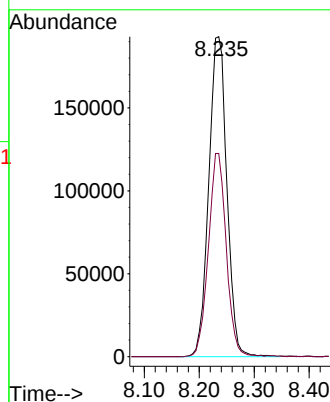
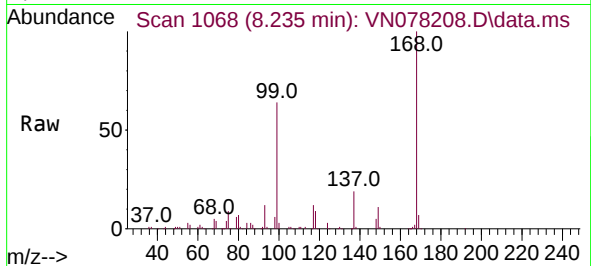




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078208.D
Acq: 14 Jun 2023 16:08

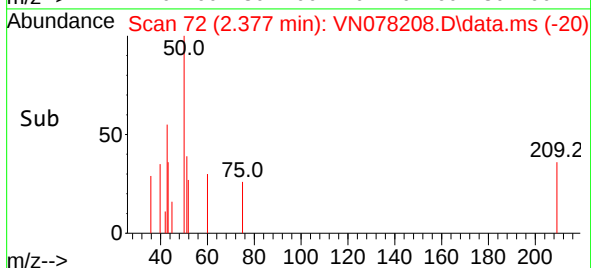
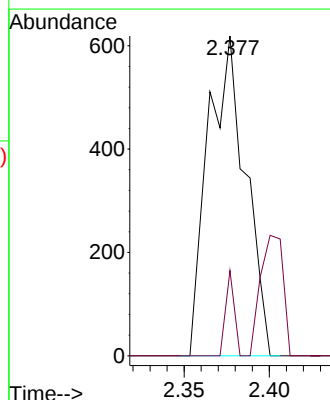
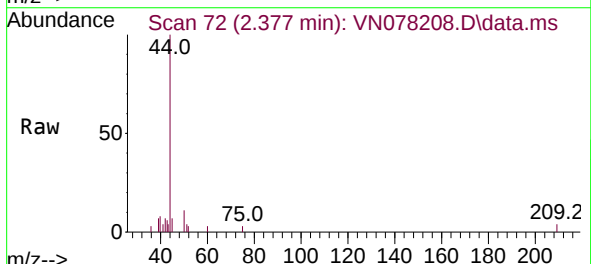
Instrument :
MSVOA_N
ClientSampleId :
HYATT-PIPE-TP

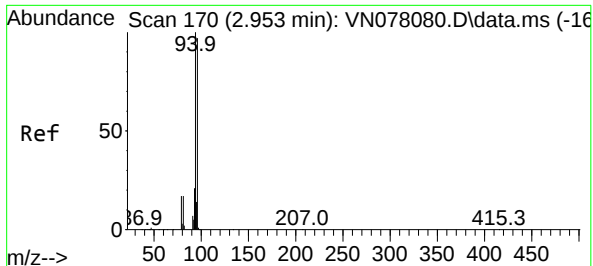
Tgt Ion:168 Resp: 440960
Ion Ratio Lower Upper
168 100
99 63.5 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.006 min
Lab File: VN078208.D
Acq: 14 Jun 2023 16:08

Tgt Ion: 50 Resp: 946
Ion Ratio Lower Upper
50 100
52 26.7 26.5 39.7

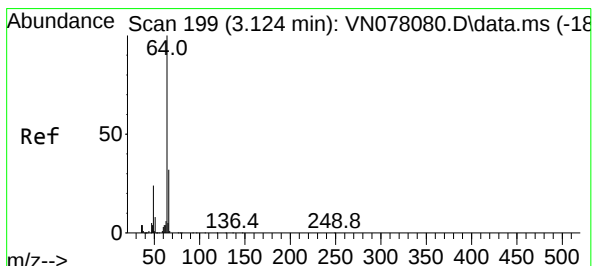
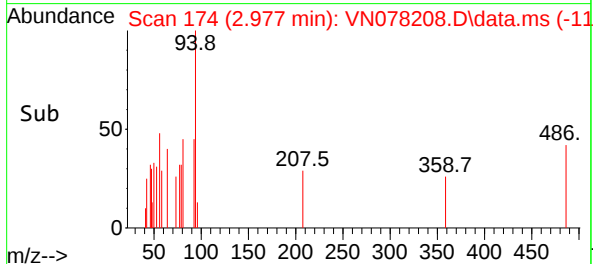
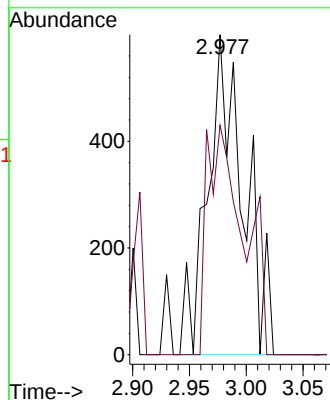
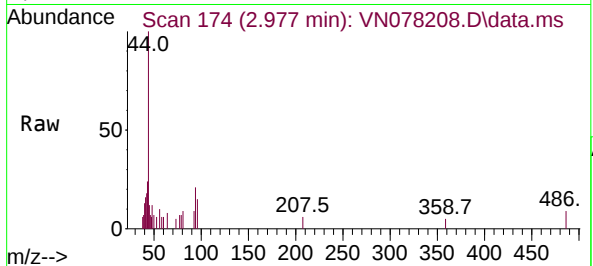




#5
Bromomethane
Concen: 0.266 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN078208.D
Acq: 14 Jun 2023 16:08

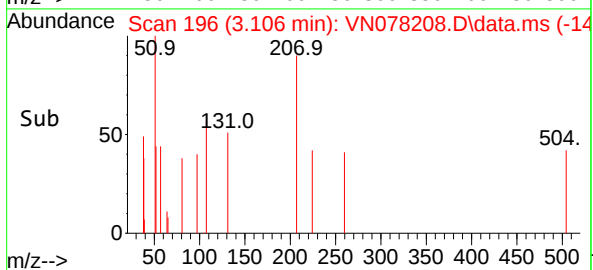
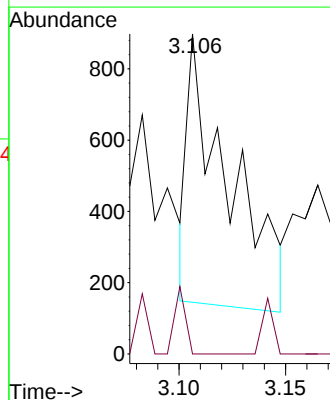
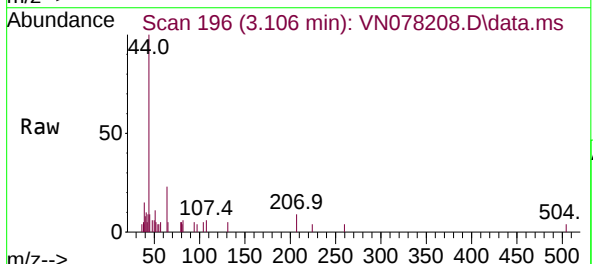
Instrument :
MSVOA_N
ClientSampleId :
HYATT-PIPE-TP

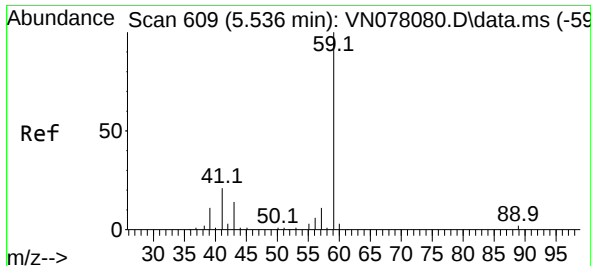
Tgt Ion: 94 Resp: 1314
Ion Ratio Lower Upper
94 100
96 71.7 73.1 109.7#



#6
Chloroethane
Concen: 0.231 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.018 min
Lab File: VN078208.D
Acq: 14 Jun 2023 16:08

Tgt Ion: 64 Resp: 1027
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 0.275 ug/l

RT: 5.536 min Scan# 609

Delta R.T. -0.000 min

Lab File: VN078208.D

Acq: 14 Jun 2023 16:08

Instrument :

MSVOA_N

ClientSampleId :

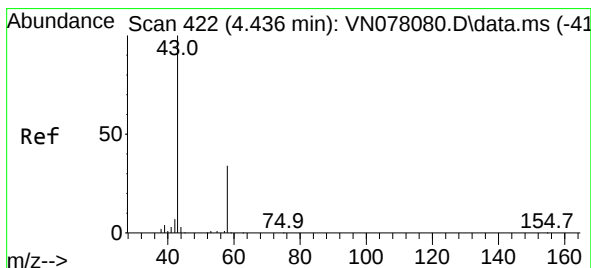
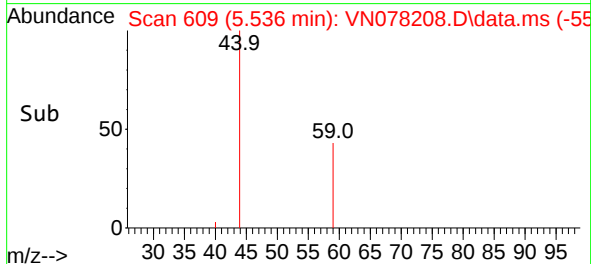
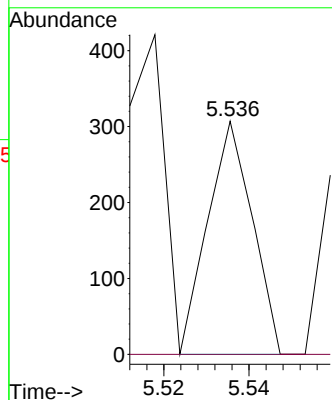
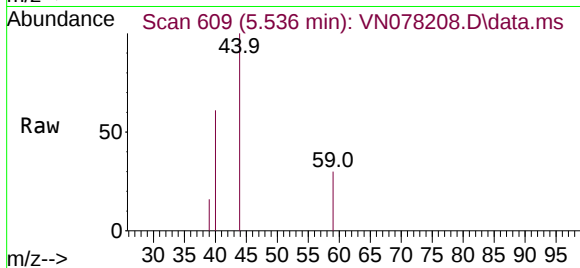
HYATT-PIPE-TP

Tgt Ion: 59 Resp: 223

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 16.041 ug/l

RT: 4.453 min Scan# 425

Delta R.T. 0.018 min

Lab File: VN078208.D

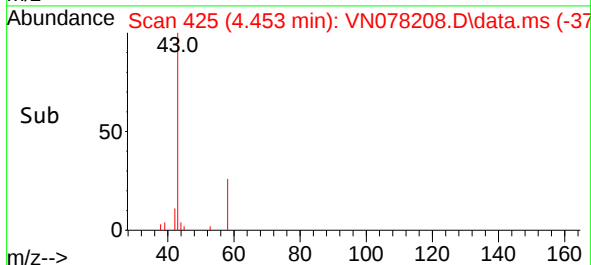
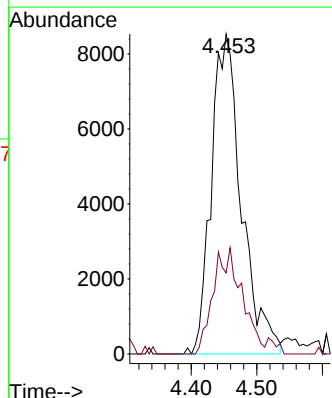
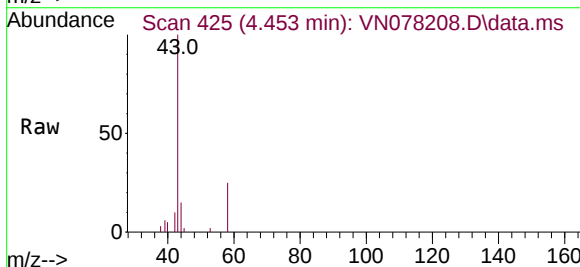
Acq: 14 Jun 2023 16:08

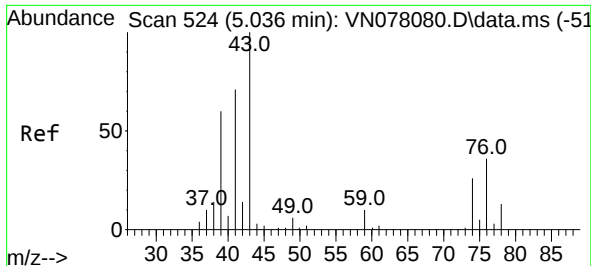
Tgt Ion: 43 Resp: 27146

Ion Ratio Lower Upper

43 100

58 25.4 28.0 42.0#

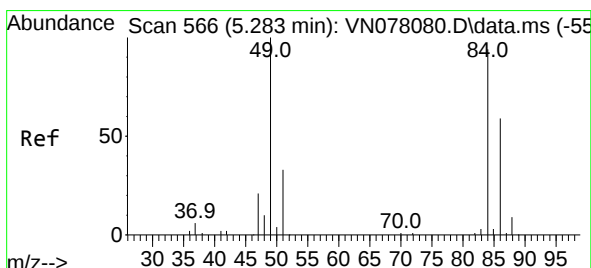
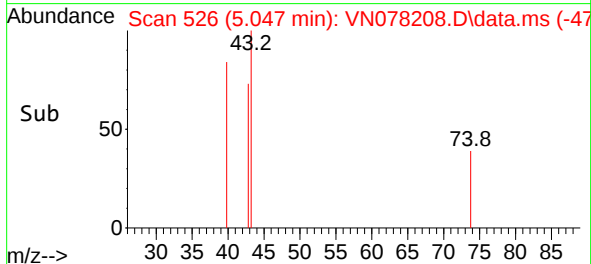
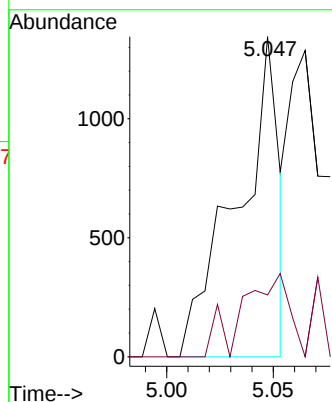
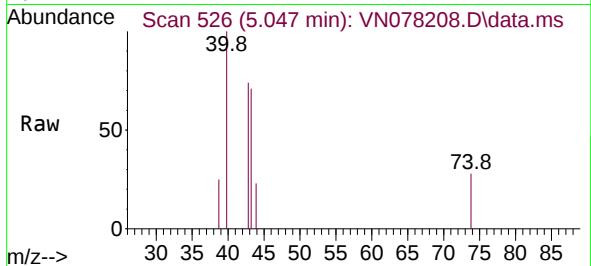




#18
Methyl Acetate
Concen: 0.236 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN078208.D
Acq: 14 Jun 2023 16:08

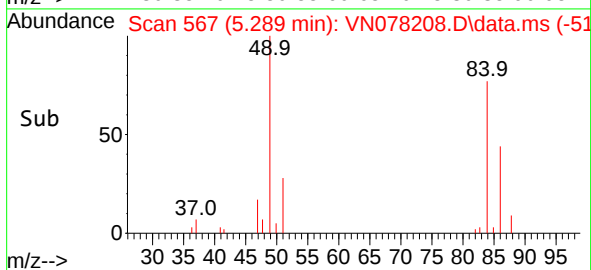
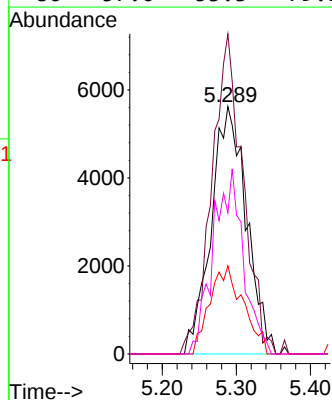
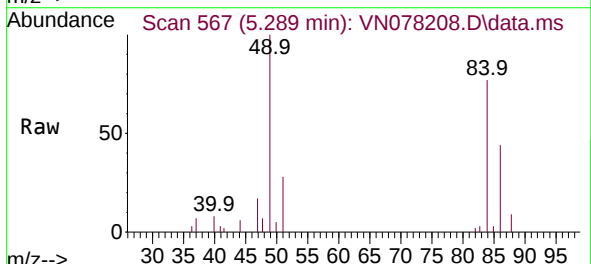
Instrument :
MSVOA_N
ClientSampleId :
HYATT-PIPE-TP

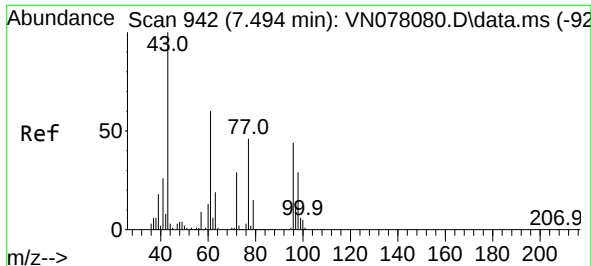
Tgt Ion: 43 Resp: 1836
Ion Ratio Lower Upper
43 100
74 29.4 26.2 39.4



#20
Methylene Chloride
Concen: 3.326 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078208.D
Acq: 14 Jun 2023 16:08

Tgt Ion: 84 Resp: 18599
Ion Ratio Lower Upper
84 100
49 129.3 79.7 119.5#
51 35.6 25.2 37.8
86 57.0 53.3 79.9

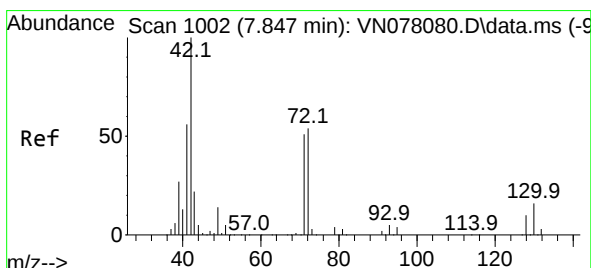
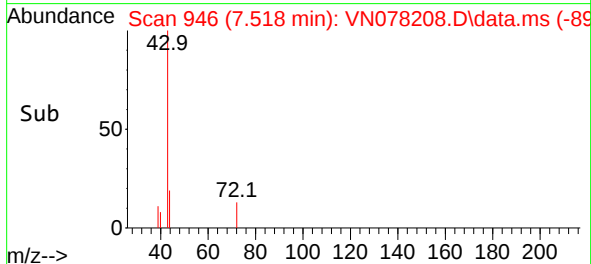
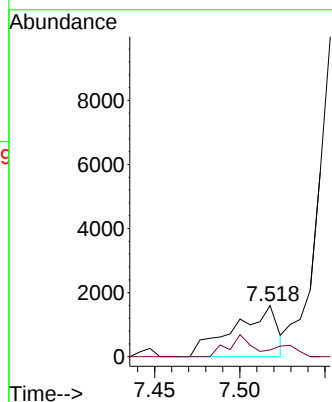
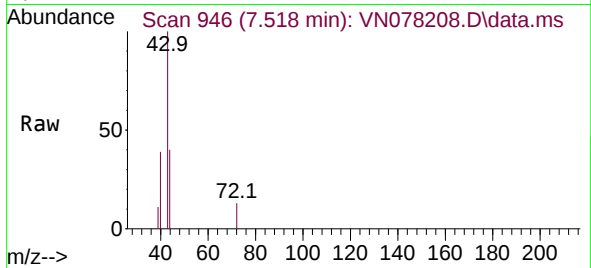




#25
2-Butanone
Concen: 1.076 ug/l
RT: 7.518 min Scan# 94
Delta R.T. 0.023 min
Lab File: VN078208.D
Acq: 14 Jun 2023 16:08

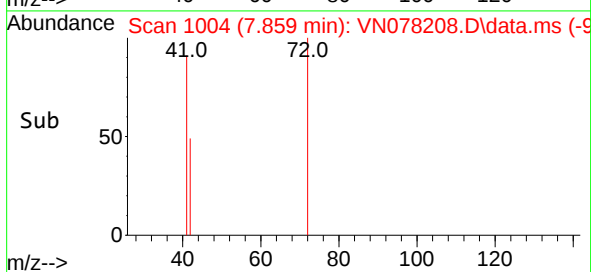
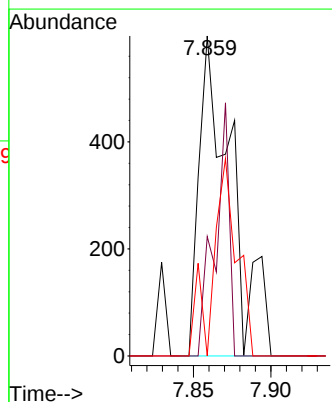
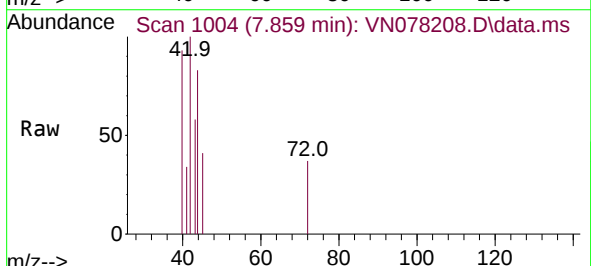
Instrument :
MSVOA_N
ClientSampleId :
HYATT-PIPE-TP

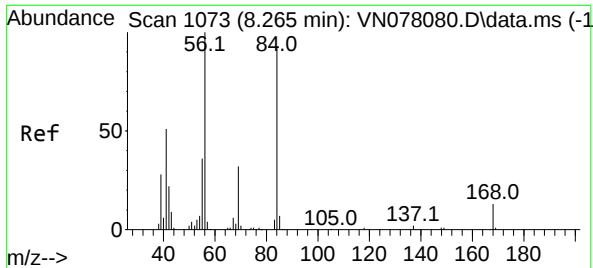
Tgt Ion: 43 Resp: 2800
Ion Ratio Lower Upper
43 100
72 13.2 30.2 45.2#



#29
Tetrahydrofuran
Concen: 0.504 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VN078208.D
Acq: 14 Jun 2023 16:08

Tgt Ion: 42 Resp: 876
Ion Ratio Lower Upper
42 100
72 34.4 49.8 74.6#
71 46.1 47.4 71.2#

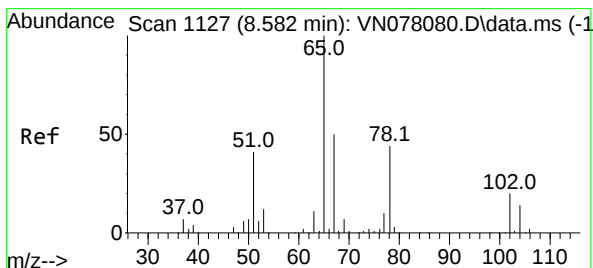
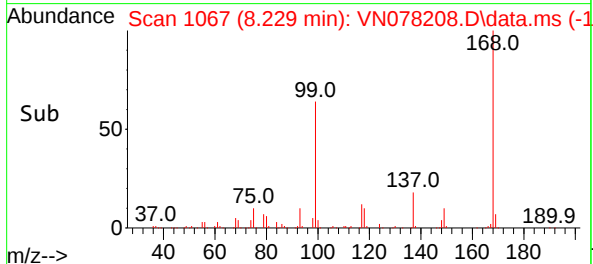
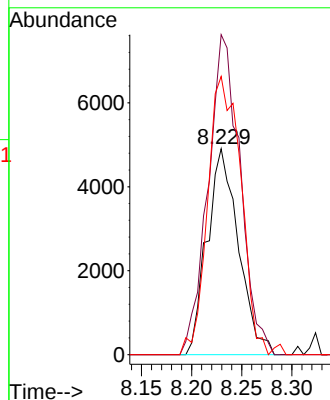
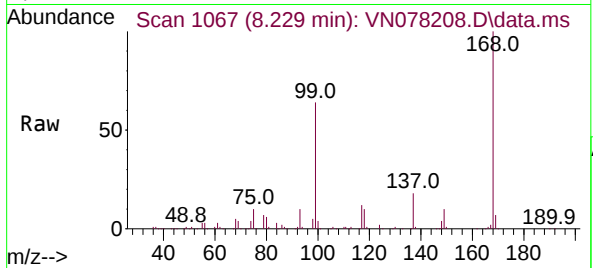




#31
Cyclohexane
Concen: 1.417 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078208.D
Acq: 14 Jun 2023 16:08

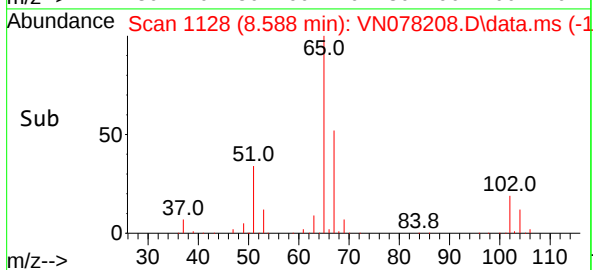
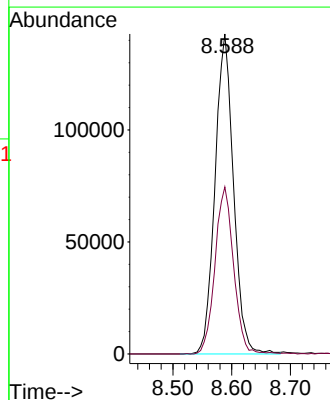
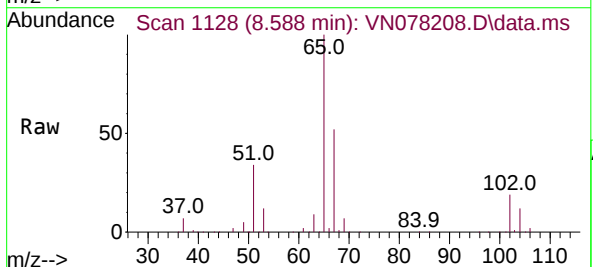
Instrument :
MSVOA_N
ClientSampleId :
HYATT-PIPE-TP

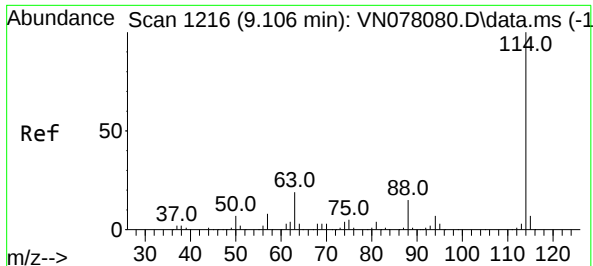
Tgt Ion: 56 Resp: 10688
Ion Ratio Lower Upper
56 100
69 155.3 26.8 40.2#
84 135.1 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 53.112 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078208.D
Acq: 14 Jun 2023 16:08

Tgt Ion: 65 Resp: 312263
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078208.D

Acq: 14 Jun 2023 16:08

Instrument :

MSVOA_N

ClientSampleId :

HYATT-PIPE-TP

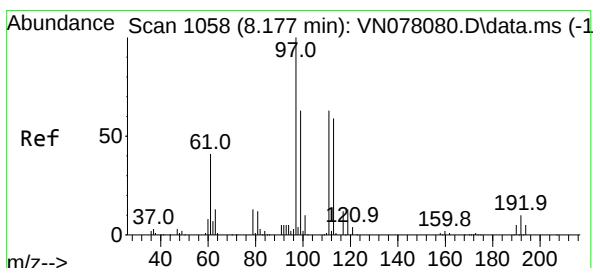
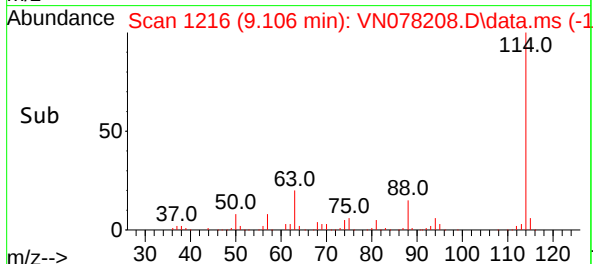
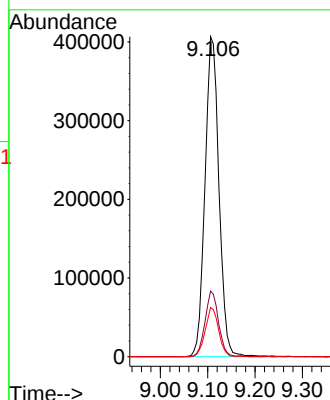
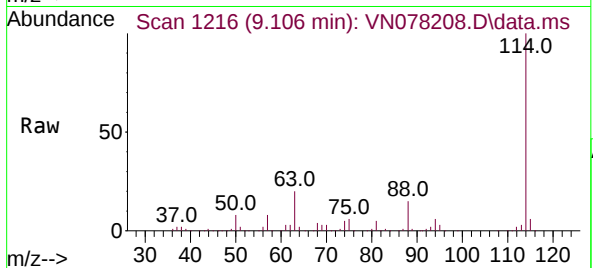
Tgt Ion:114 Resp: 834195

Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.806 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078208.D

Acq: 14 Jun 2023 16:08

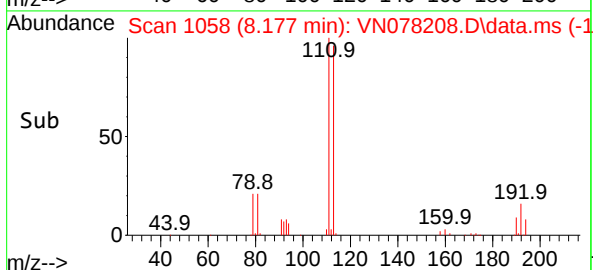
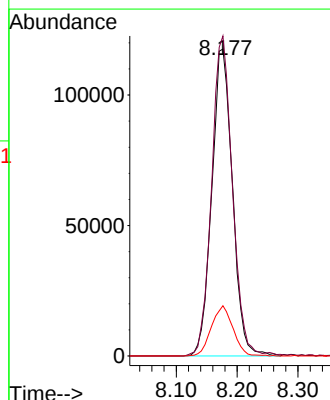
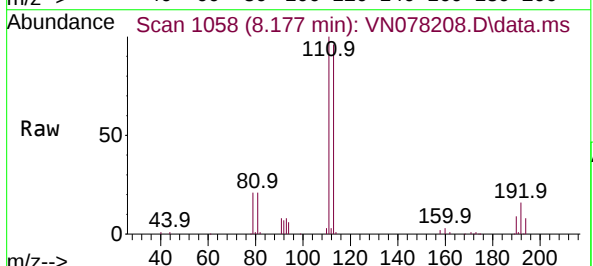
Tgt Ion:113 Resp: 278526

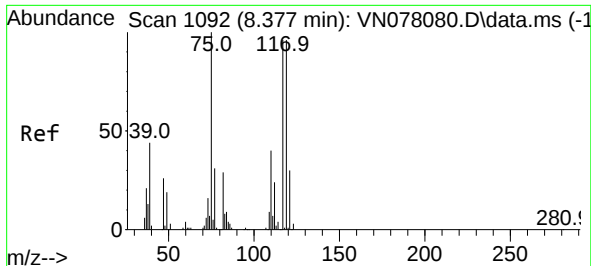
Ion Ratio Lower Upper

113 100

111 104.6 82.6 123.8

192 17.1 12.7 19.1





#36

1,1-Dichloropropene

Concen: 5.012 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN078208.D

Acq: 14 Jun 2023 16:08

Instrument :

MSVOA_N

ClientSampleId :

HYATT-PIPE-TP

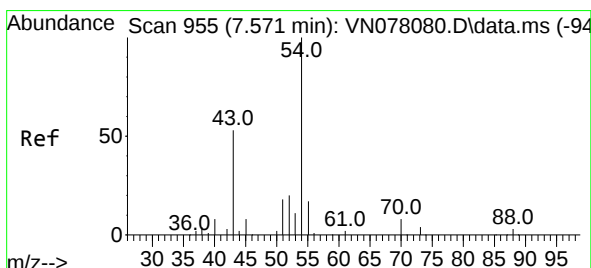
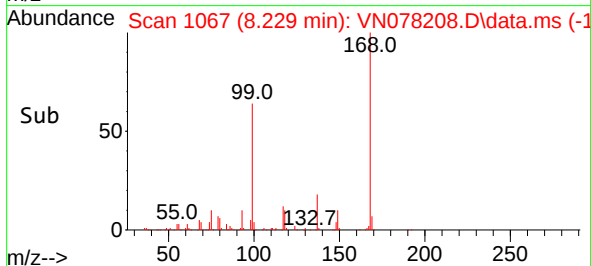
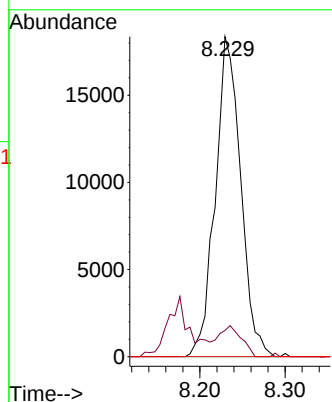
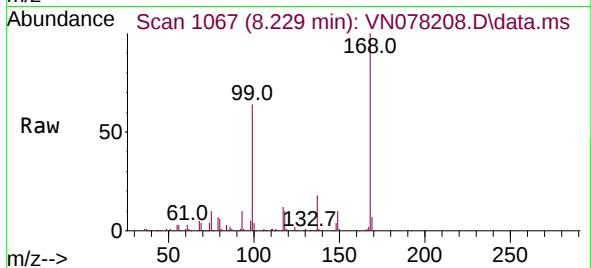
Tgt Ion: 75 Resp: 37922

Ion Ratio Lower Upper

75 100

110 8.8 19.1 57.3#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 9.005 ug/l

RT: 7.571 min Scan# 955

Delta R.T. -0.000 min

Lab File: VN078208.D

Acq: 14 Jun 2023 16:08

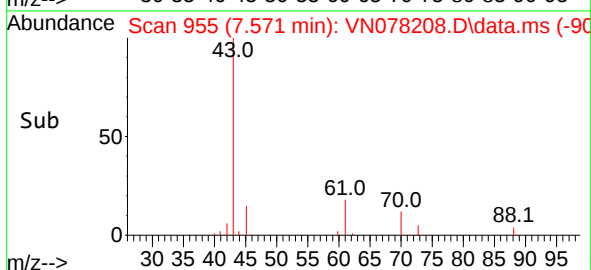
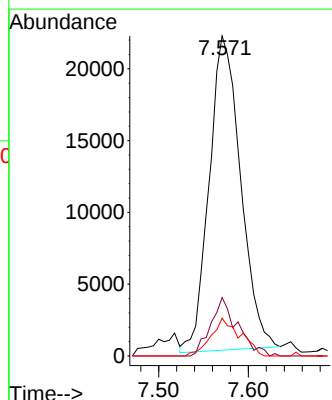
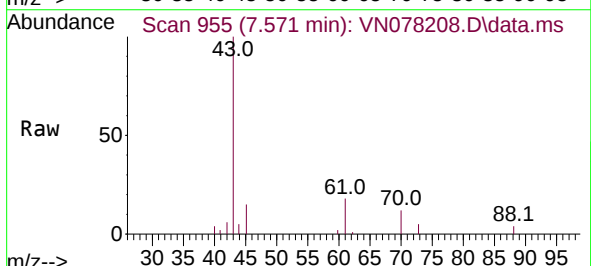
Tgt Ion: 43 Resp: 53222

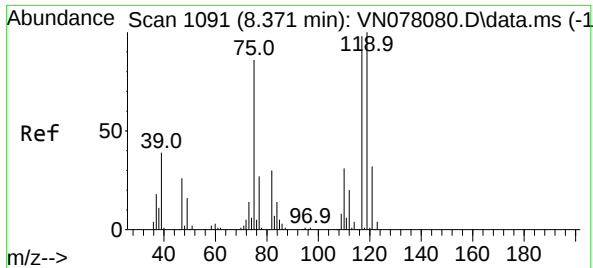
Ion Ratio Lower Upper

43 100

61 16.0 13.2 19.8

70 11.2 11.3 16.9#

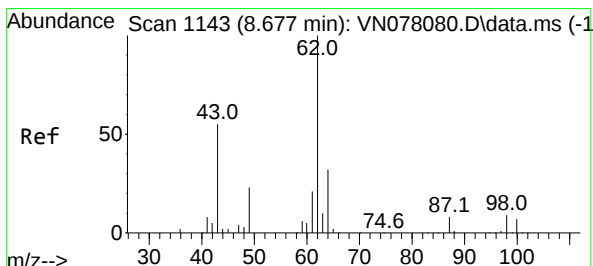
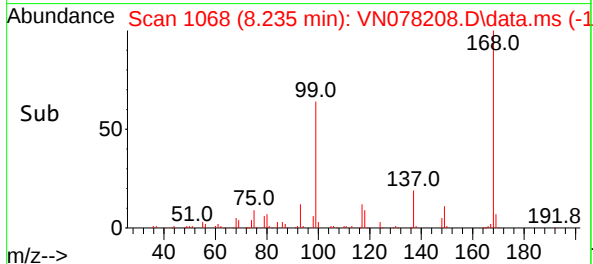
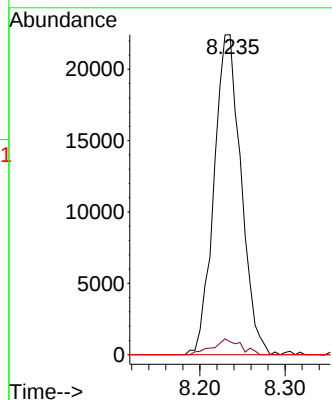
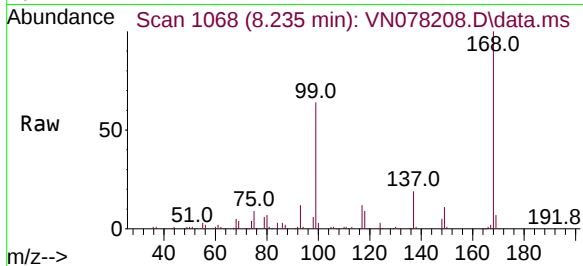




#38
Carbon Tetrachloride
Concen: 6.184 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VN078208.D
Acq: 14 Jun 2023 16:08

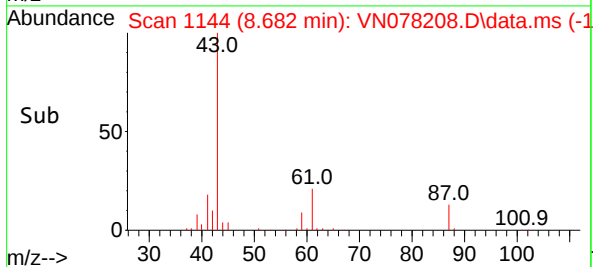
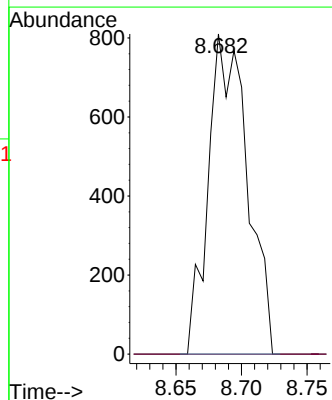
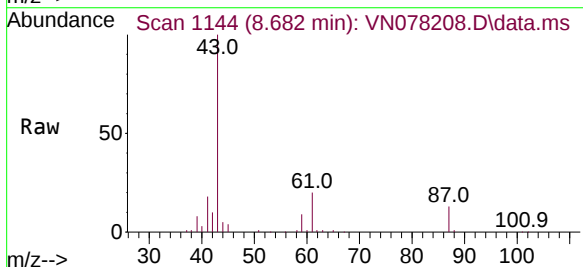
Instrument :
MSVOA_N
ClientSampleId :
HYATT-PIPE-TP

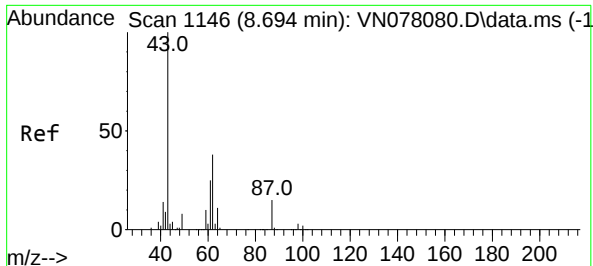
Tgt Ion:117 Resp: 49400
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 23.3 34.9#



#42
1,2-Dichloroethane
Concen: 0.216 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078208.D
Acq: 14 Jun 2023 16:08

Tgt Ion: 62 Resp: 1676
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.8

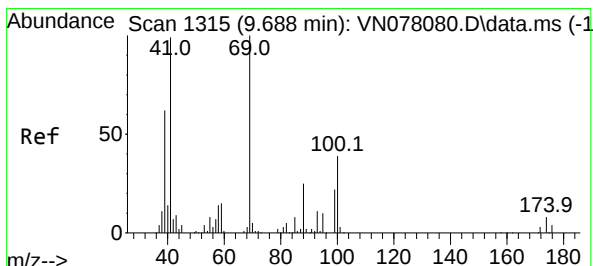
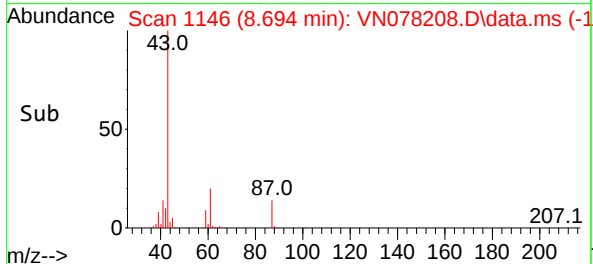
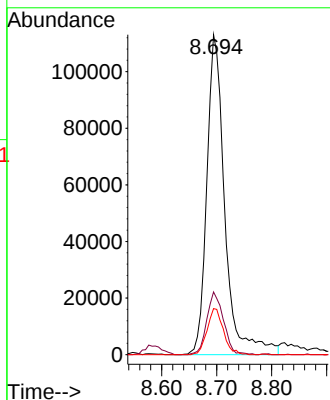
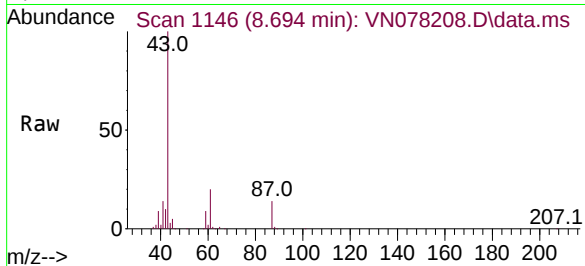




#43
Isopropyl Acetate
Concen: 22.807 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078208.D
Acq: 14 Jun 2023 16:08

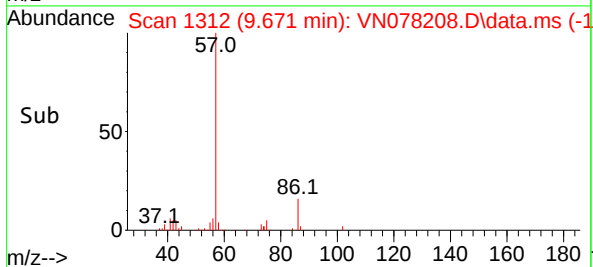
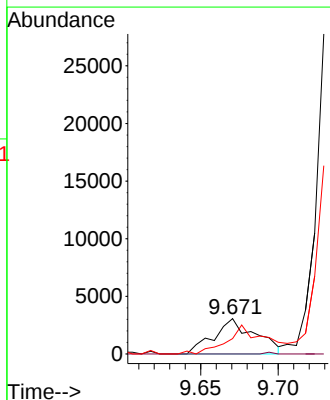
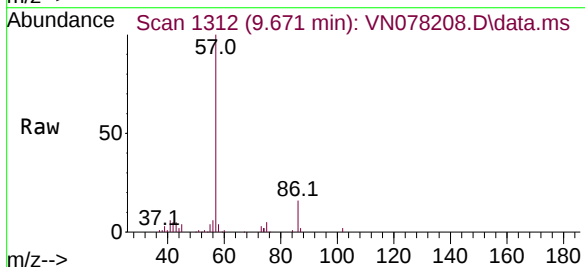
Instrument :
MSVOA_N
ClientSampleId :
HYATT-PIPE-TP

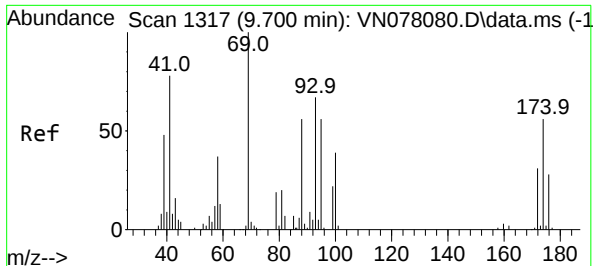
Tgt Ion: 43 Resp: 257789
Ion Ratio Lower Upper
43 100
61 18.1 24.7 37.1#
87 13.0 14.6 21.8#



#48
Methyl methacrylate
Concen: 1.202 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.018 min
Lab File: VN078208.D
Acq: 14 Jun 2023 16:08

Tgt Ion: 41 Resp: 5703
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 76.5 54.6 81.8





#49

1,4-Dioxane

Concen: 2.758 ug/l

RT: 9.741 min Scan# 1317

Delta R.T. 0.041 min

Lab File: VN078208.D

Acq: 14 Jun 2023 16:08

Instrument :

MSVOA_N

ClientSampleId :

HYATT-PIPE-TP

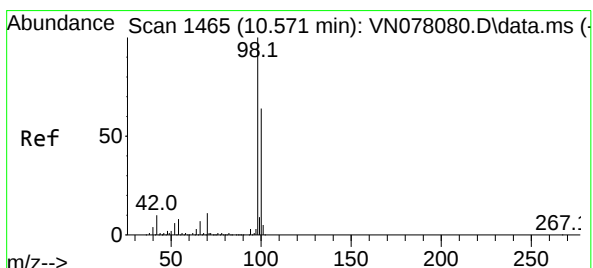
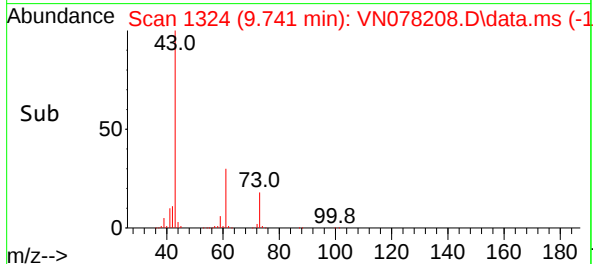
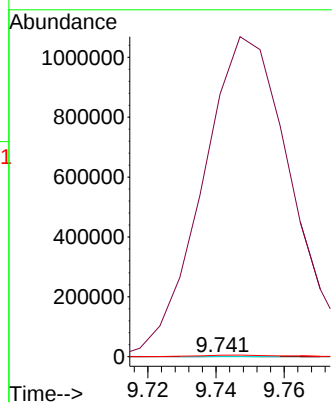
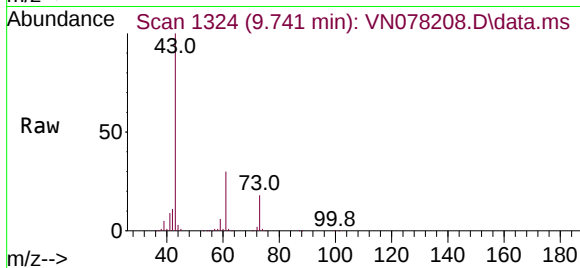
Tgt Ion: 88 Resp: 275

Ion Ratio Lower Upper

88 100

43 716217.1 17.0 25.6#

58 3576.0 47.0 70.4#



#50

Toluene-d8

Concen: 49.430 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN078208.D

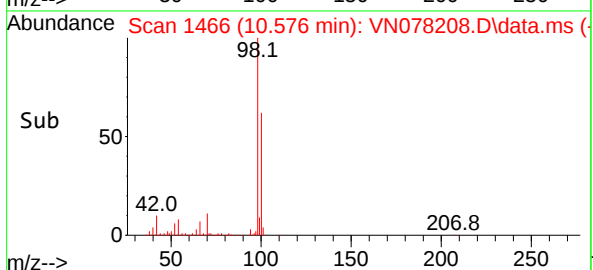
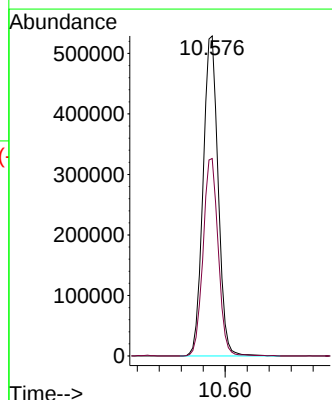
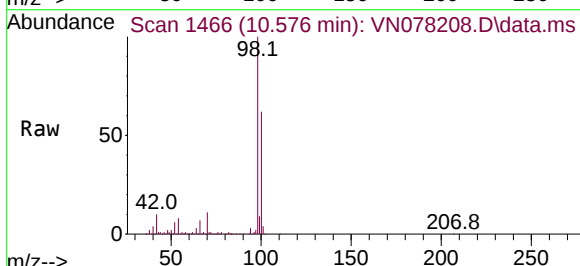
Acq: 14 Jun 2023 16:08

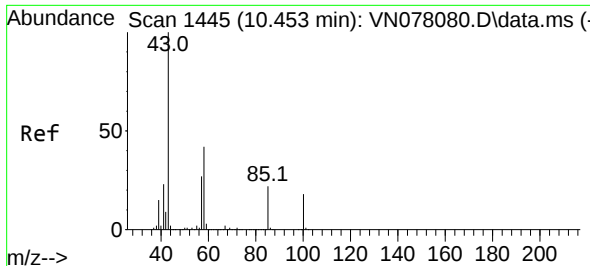
Tgt Ion: 98 Resp: 1005098

Ion Ratio Lower Upper

98 100

100 62.0 52.0 78.0

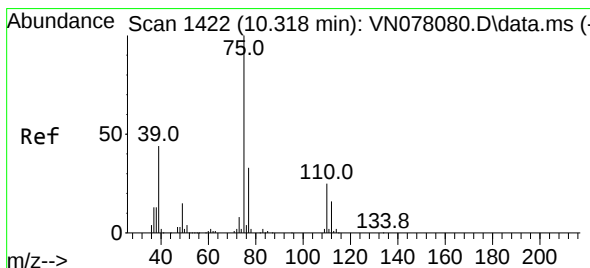
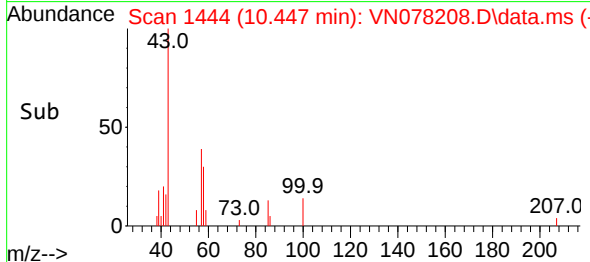
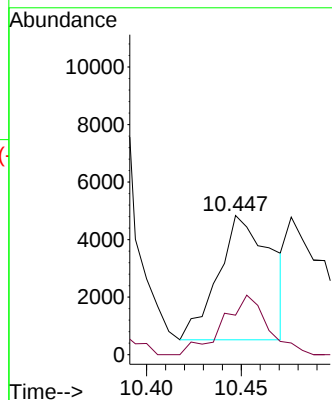
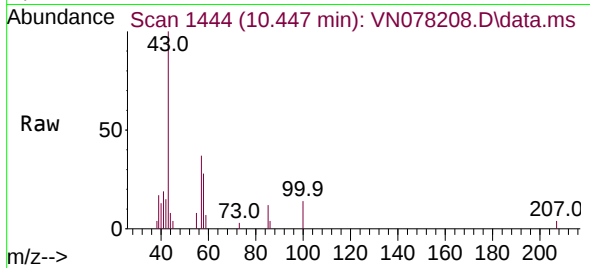




#51
4-Methyl-2-Pentanone
Concen: 1.415 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078208.D
Acq: 14 Jun 2023 16:08

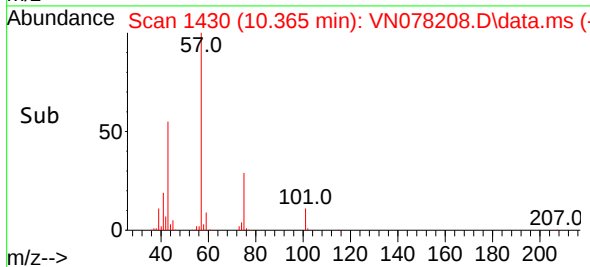
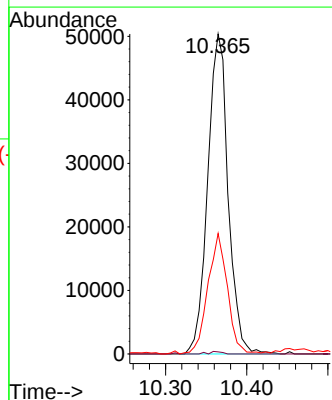
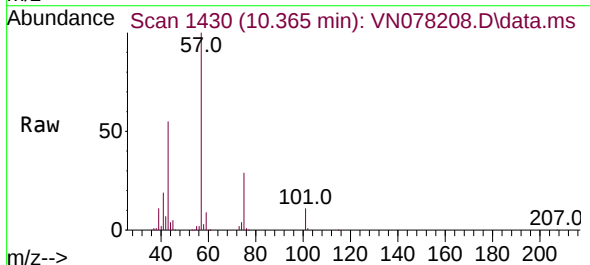
Instrument :
MSVOA_N
ClientSampleId :
HYATT-PIPE-TP

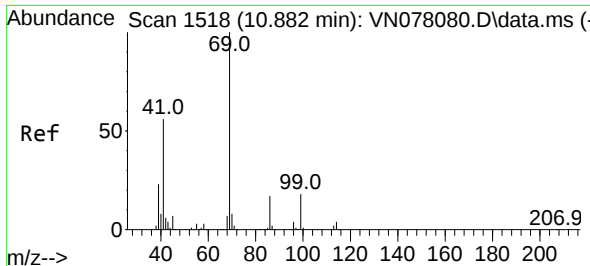
Tgt Ion: 43 Resp: 8421
Ion Ratio Lower Upper
43 100
58 40.6 36.6 54.8



#54
cis-1,3-Dichloropropene
Concen: 9.947 ug/l
RT: 10.365 min Scan# 1430
Delta R.T. 0.047 min
Lab File: VN078208.D
Acq: 14 Jun 2023 16:08

Tgt Ion: 75 Resp: 88047
Ion Ratio Lower Upper
75 100
77 0.7 26.1 39.1#
39 37.6 31.6 47.4

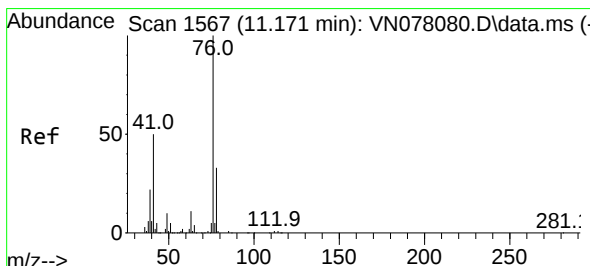
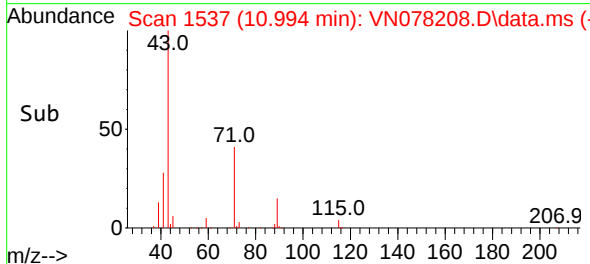
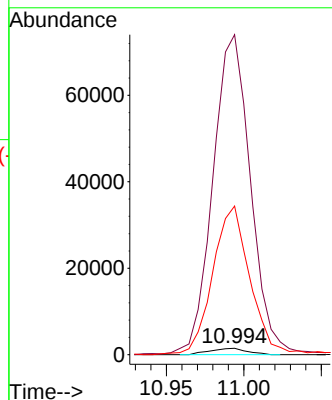
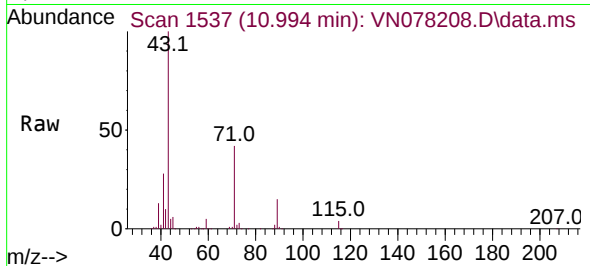




#56
Ethyl methacrylate
Concen: 0.313 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.112 min
Lab File: VN078208.D
Acq: 14 Jun 2023 16:08

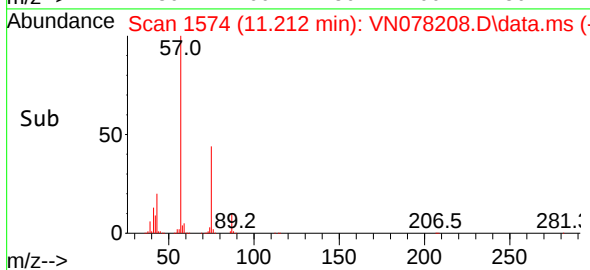
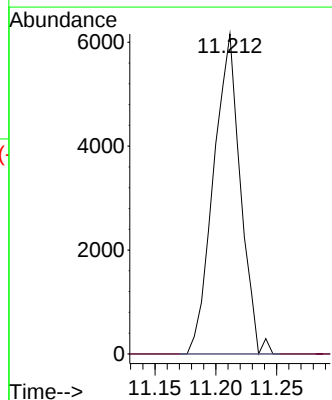
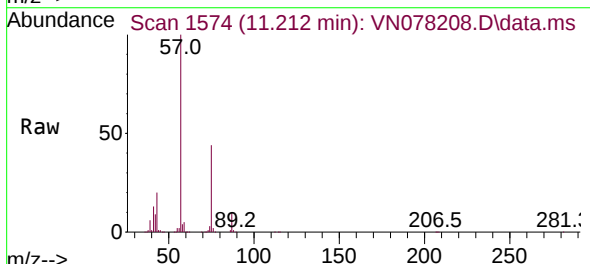
Instrument :
MSVOA_N
ClientSampleId :
HYATT-PIPE-TP

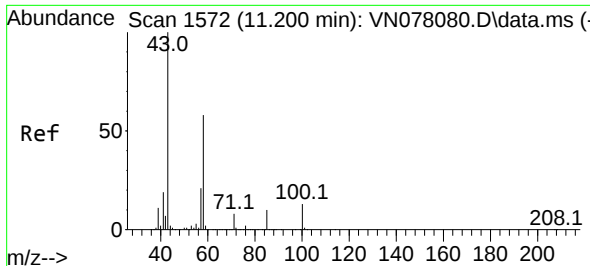
Tgt Ion: 69 Resp: 2460
Ion Ratio Lower Upper
69 100
41 5111.6 39.6 59.4#
39 2345.7 28.6 43.0#



#57
1,3-Dichloropropane
Concen: 1.042 ug/l
RT: 11.212 min Scan# 1574
Delta R.T. 0.041 min
Lab File: VN078208.D
Acq: 14 Jun 2023 16:08

Tgt Ion: 76 Resp: 9486
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

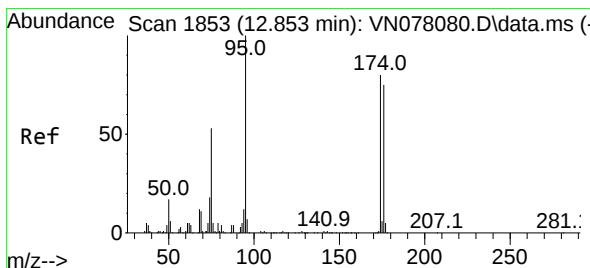
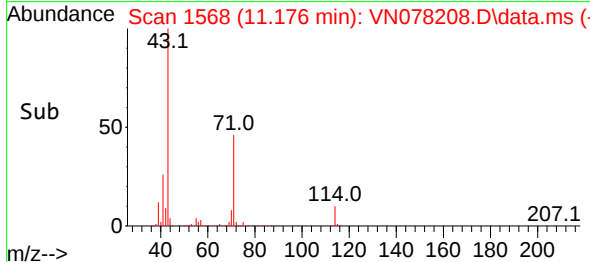
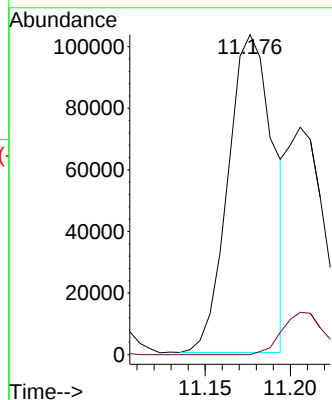
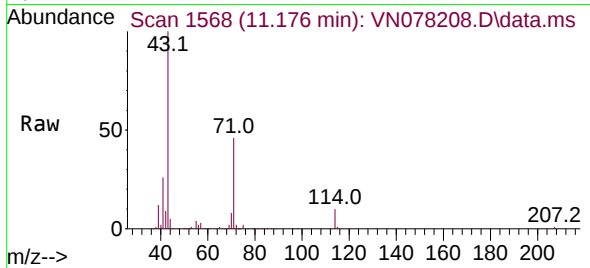




#59
2-Hexanone
Concen: 46.056 ug/l
RT: 11.176 min Scan# 11176
Delta R.T. -0.024 min
Lab File: VN078208.D
Acq: 14 Jun 2023 16:08

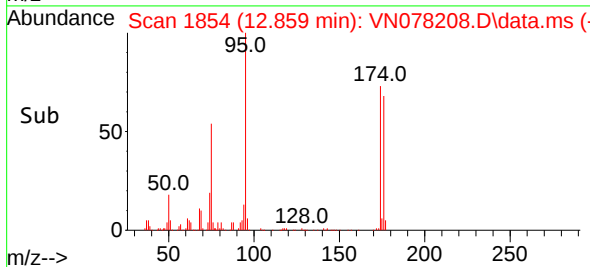
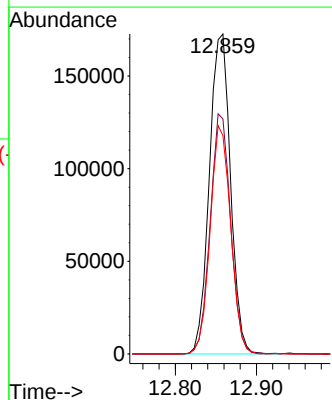
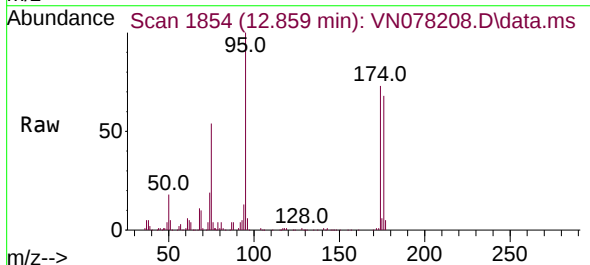
Instrument :
MSVOA_N
ClientSampleId :
HYATT-PIPE-TP

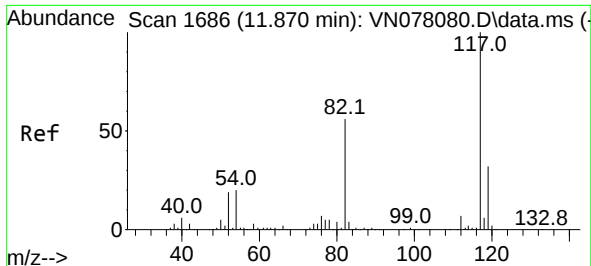
Tgt Ion: 43 Resp: 190873
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 49.392 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078208.D
Acq: 14 Jun 2023 16:08

Tgt Ion: 95 Resp: 312220
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.8
176 69.1 0.0 135.8

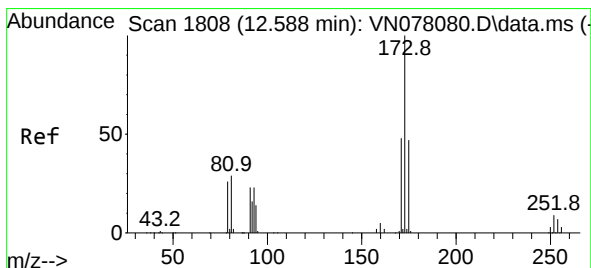
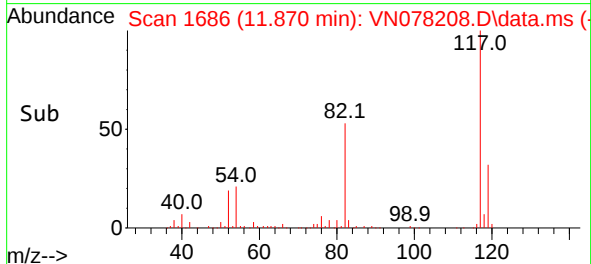
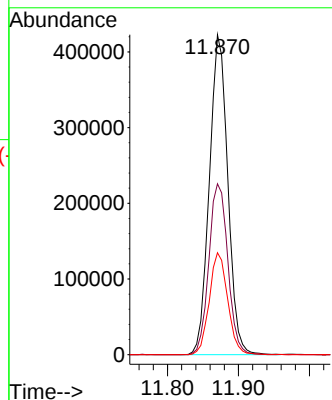
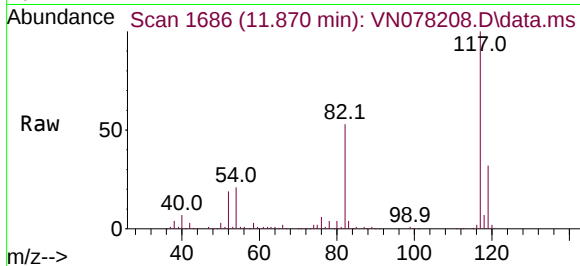




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078208.D
Acq: 14 Jun 2023 16:08

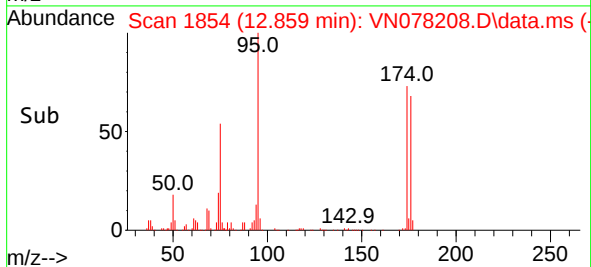
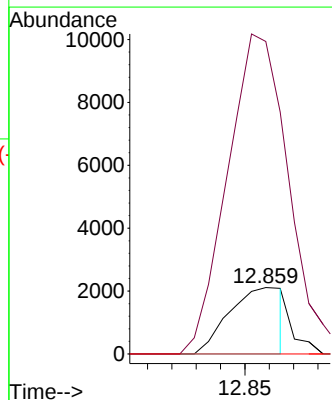
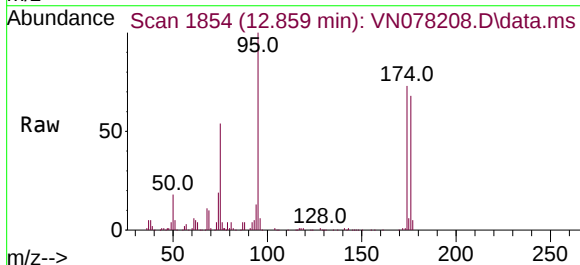
Instrument :
MSVOA_N
ClientSampleId :
HYATT-PIPE-TP

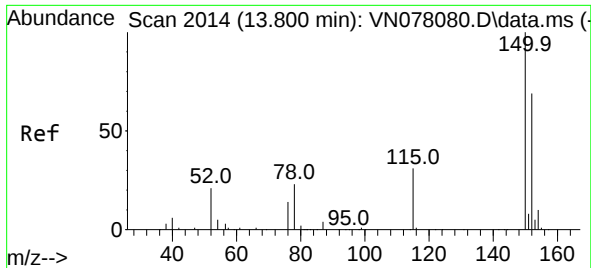
Tgt Ion:117 Resp: 762536
Ion Ratio Lower Upper
117 100
82 53.4 44.0 66.0
119 31.9 25.6 38.4



#71
Bromoform
Concen: 0.845 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.271 min
Lab File: VN078208.D
Acq: 14 Jun 2023 16:08

Tgt Ion:173 Resp: 3275
Ion Ratio Lower Upper
173 100
175 463.7 24.3 73.0#
254 0.0 0.0 0.0

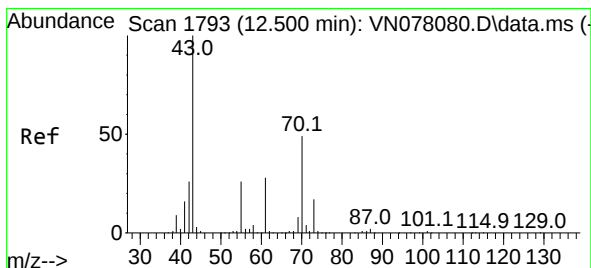
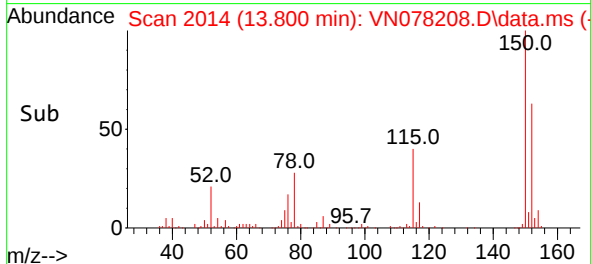
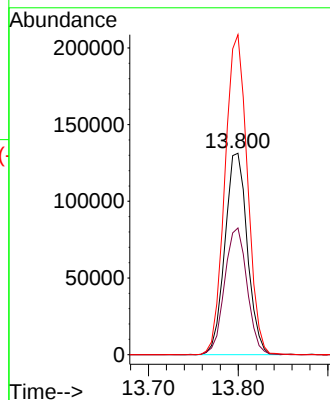
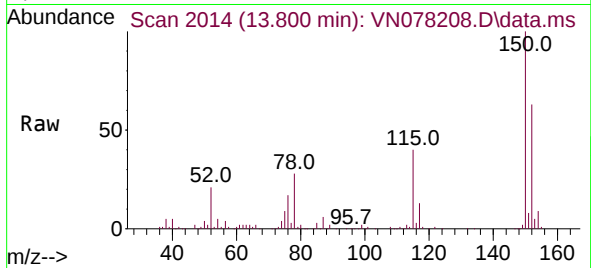




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN078208.D
 Acq: 14 Jun 2023 16:08

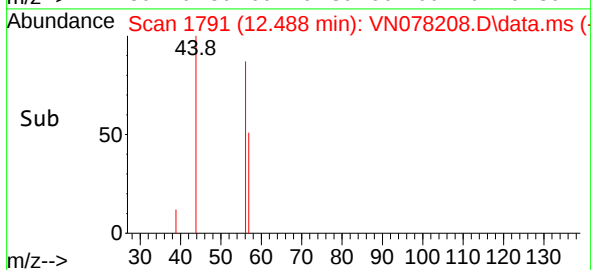
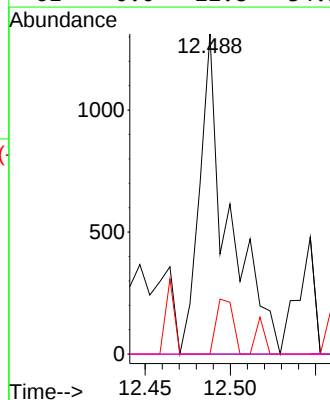
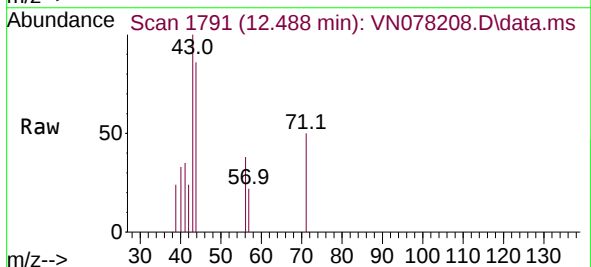
Instrument :
 MSVOA_N
 ClientSampleId :
 HYATT-PIPE-TP

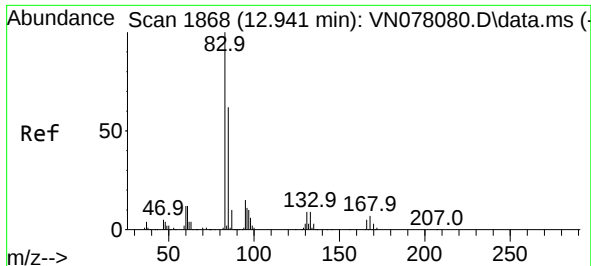
Tgt Ion:152 Resp: 227854
 Ion Ratio Lower Upper
 152 100
 115 63.3 32.3 96.8
 150 159.1 0.0 355.8



#74
 N-ethyl acetate
 Concen: 0.218 ug/l
 RT: 12.488 min Scan# 1791
 Delta R.T. -0.012 min
 Lab File: VN078208.D
 Acq: 14 Jun 2023 16:08

Tgt Ion: 43 Resp: 1546
 Ion Ratio Lower Upper
 43 100
 70 0.0 43.4 65.2#
 55 10.0 21.4 32.0#
 61 0.0 22.8 34.2#

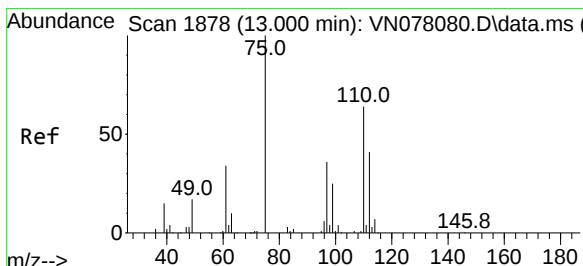
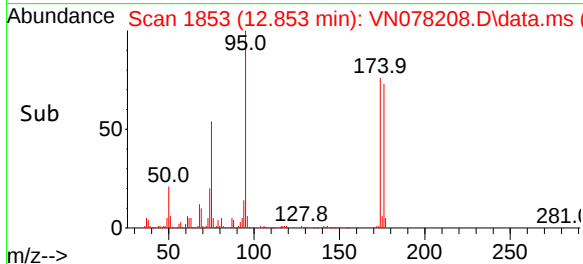
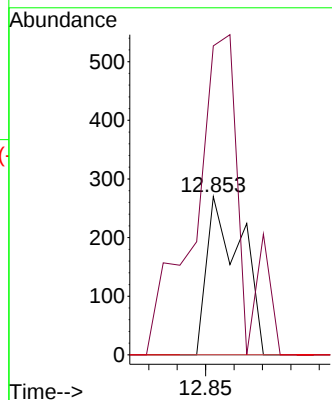
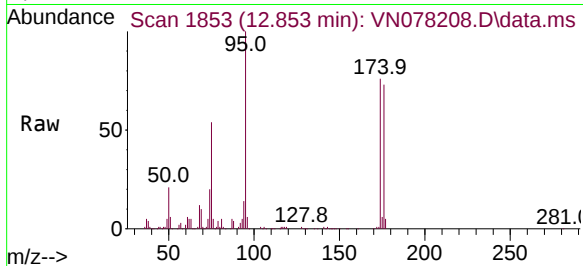




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.853 min Scan# 1853
Delta R.T. -0.088 min
Lab File: VN078208.D
Acq: 14 Jun 2023 16:08

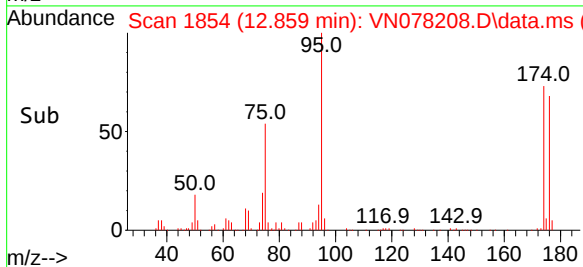
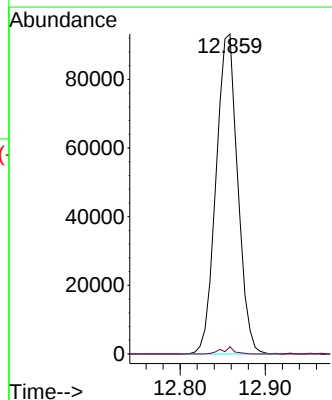
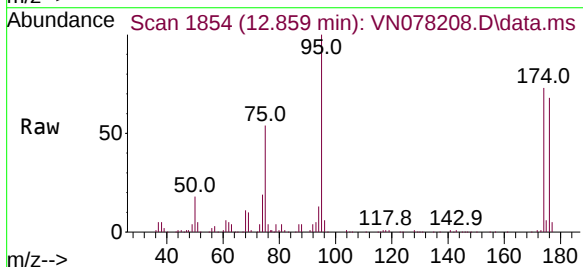
Instrument :
MSVOA_N
ClientSampleId :
HYATT-PIPE-TP

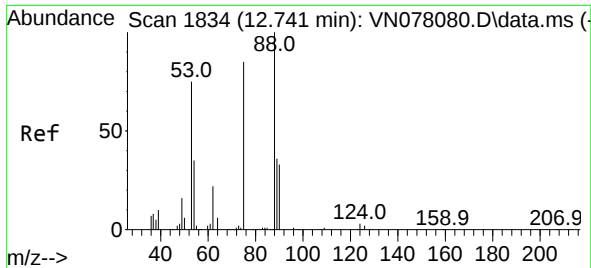
Tgt Ion: 83 Resp: 229
Ion Ratio Lower Upper
83 100
131 274.7 5.0 15.0#
85 0.0 31.9 95.7#



#76
1,2,3-Trichloropropane
Concen: 30.592 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN078208.D
Acq: 14 Jun 2023 16:08

Tgt Ion: 75 Resp: 164787
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.989 ug/l
 RT: 12.859 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN078208.D
 Acq: 14 Jun 2023 16:08

Instrument :
 MSVOA_N
 ClientSampleId :
 HYATT-PIPE-TP

Tgt Ion: 75 Resp: 164787
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

