

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092822\
 Data File : VW024659.D
 Acq On : 28 Sep 2022 15:36
 Operator : SY/VA
 Sample : N4852-02MS
 Misc : 5.75g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW807MS

Quant Time: Sep 29 04:45:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 29 04:41:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	748205	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	660642	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	309205	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	202069	25.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.240%
7) Chloroethane-d5	2.891	69	111110	24.425	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.720%
11) 1,1-Dichloroethene-d2	4.025	63	423102	23.352	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.400%
21) 2-Butanone-d5	7.086	46	119733	42.542	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.080%
24) Chloroform-d	7.652	84	446522	22.324	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.280%
26) 1,2-Dichloroethane-d4	8.305	65	226622	21.840	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.360%
32) Benzene-d6	8.274	84	931952	22.071	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.280%
36) 1,2-Dichloropropane-d6	9.274	67	282291	21.880	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.520%
41) Toluene-d8	10.323	98	831319	22.027	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.120%
43) trans-1,3-Dichloroprop...	10.579	79	122185	21.266	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.080%
47) 2-Hexanone-d5	10.920	63	97240	44.052	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.100%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	205210	22.323	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.280%
66) 1,2-Dichlorobenzene-d4	13.847	152	246392	22.645	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	81964	17.843	ug/L	94
3) Chloromethane	2.214	50	172386	19.271	ug/L	96
5) Vinyl chloride	2.367	62	240544	26.153	ug/L	98
6) Bromomethane	2.781	94	91142	21.471	ug/L	97
8) Chloroethane	2.922	64	93382	24.083	ug/L	99
9) Trichlorofluoromethane	3.257	101	118312	22.993	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	224836	22.910	ug/L #	78
12) 1,1-Dichloroethene	4.043	96	223692	22.854	ug/L	98
13) Acetone	4.141	43	98210	47.828	ug/L	98
14) Carbon disulfide	4.391	76	720853	23.329	ug/L	100
15) Methyl Acetate	4.671	43	96706	21.269	ug/L	100
16) Methylene chloride	4.921	84	295048	20.079	ug/L	98
17) trans-1,2-Dichloroethene	5.427	96	244165	22.202	ug/L	97
18) Methyl tert-butyl Ether	5.433	73	375523	21.536	ug/L	100
19) 1,1-Dichloroethane	6.220	63	438772	21.325	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	256764	21.759	ug/L	96
22) 2-Butanone	7.177	43	147101	44.787	ug/L	99
23) Bromochloromethane	7.512	128	105907	22.083	ug/L	95
25) Chloroform	7.677	83	422946	21.677	ug/L	100

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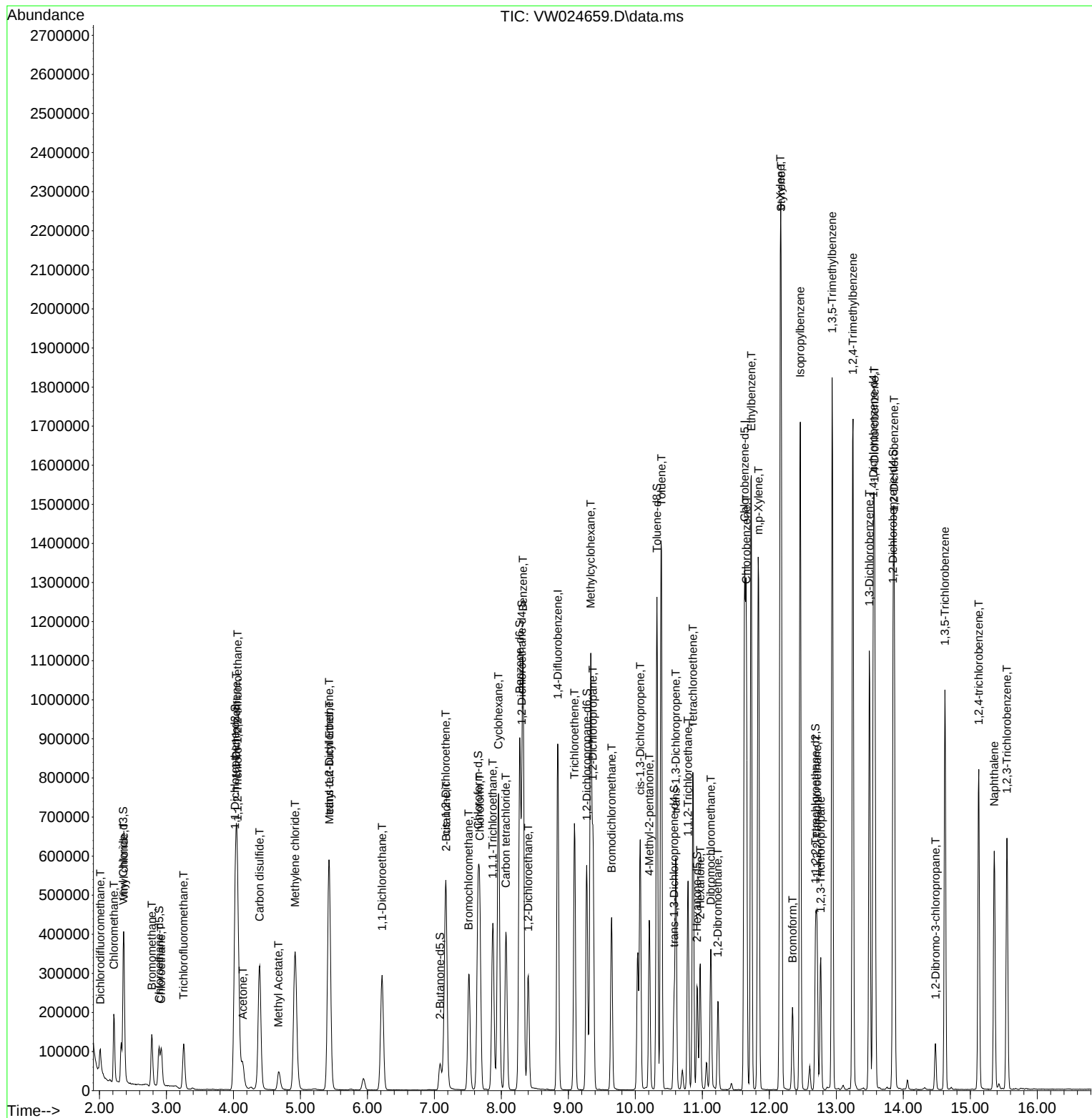
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	261967	21.338	ug/L	99
29) Cyclohexane	7.957	56	453511	22.040	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	351694	22.000	ug/L	99
31) Carbon tetrachloride	8.067	117	306464	22.638	ug/L	98
33) Benzene	8.323	78	997352	21.569	ug/L	100
34) Trichloroethene	9.091	95	253072	21.594	ug/L	97
35) Methylcyclohexane	9.335	83	468991	21.830	ug/L	99
37) 1,2-Dichloropropane	9.366	63	248026	21.728	ug/L	100
38) Bromodichloromethane	9.646	83	304028	21.652	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	390432	21.629	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	285543	42.260	ug/L	99
42) Toluene	10.390	91	1038928	21.758	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	327066	21.133	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	167865	21.529	ug/L	99
46) Tetrachloroethene	10.859	164	170157	21.369	ug/L	94
48) 2-Hexanone	10.969	43	205152	44.901	ug/L	99
49) Dibromochloromethane	11.127	129	191686	21.832	ug/L	99
50) 1,2-Dibromoethane	11.231	107	159415	21.600	ug/L	98
51) Chlorobenzene	11.658	112	628430	21.495	ug/L	98
52) Ethylbenzene	11.731	91	1141359	21.701	ug/L	100
53) m,p-Xylene	11.841	106	441108	21.478	ug/L	92
54) o-Xylene	12.164	106	418550	21.581	ug/L	96
55) Styrene	12.176	104	716431	21.912	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	200975	22.014	ug/L	98
59) Bromoform	12.347	173	95722	21.901	ug/L	100
60) Isopropylbenzene	12.463	105	1123513	22.294	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	145162	21.794	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	974644	22.251	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	937939	21.858	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	443111	21.643	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	443017	22.228	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	383657	21.514	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	33360	21.180	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	296187	21.788	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	239455	20.967	ug/L	98
71) Naphthalene	15.358	128	516781	20.782	ug/L	100
72) 1,2,3-Trichlorobenzene	15.547	180	204880	21.079	ug/L	96

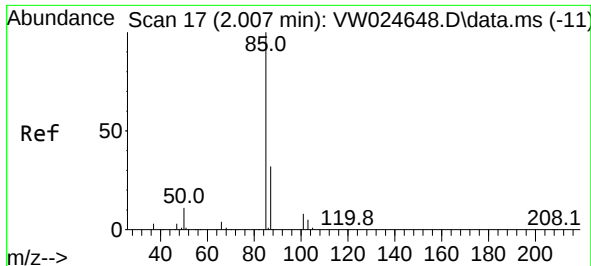
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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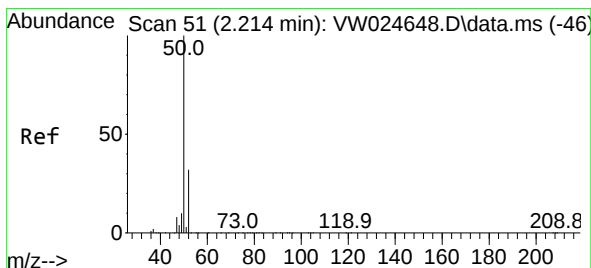
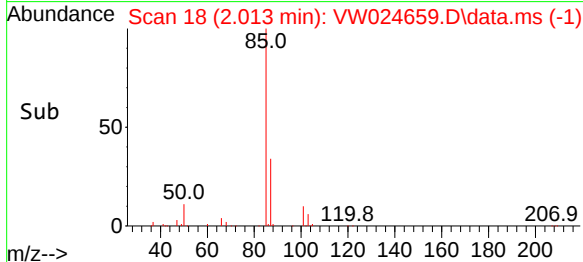
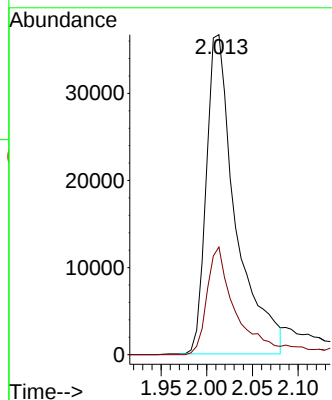
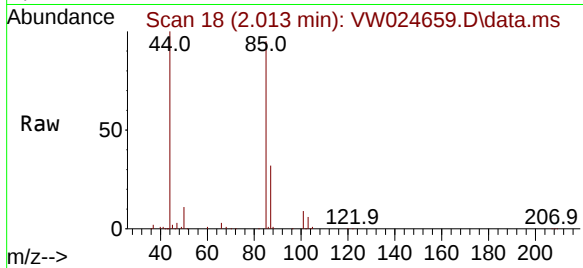




#2
 Dichlorodifluoromethane
 Concen: 17.843 ug/L
 RT: 2.013 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW024659.D
 Acq: 28 Sep 2022 15:36

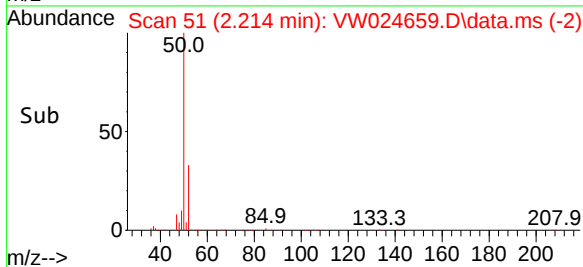
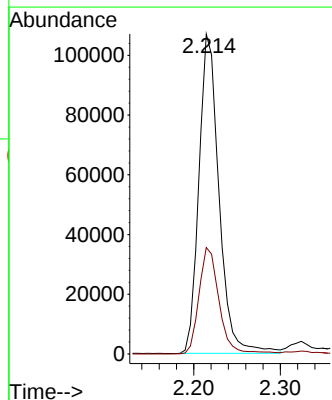
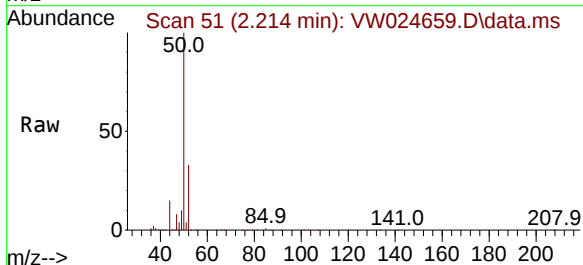
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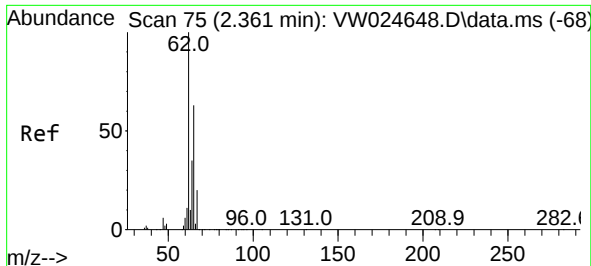
Tgt Ion: 85 Resp: 81964
 Ion Ratio Lower Upper
 85 100
 87 32.2 28.8 43.2



#3
 Chloromethane
 Concen: 19.271 ug/L
 RT: 2.214 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW024659.D
 Acq: 28 Sep 2022 15:36

Tgt Ion: 50 Resp: 172386
 Ion Ratio Lower Upper
 50 100
 52 33.3 21.7 40.3

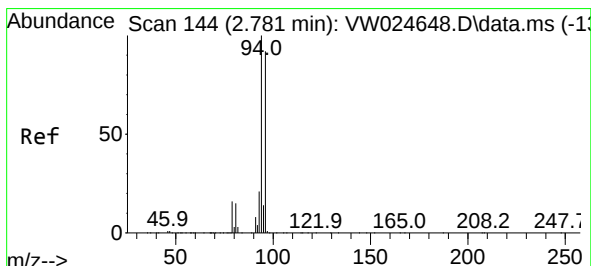
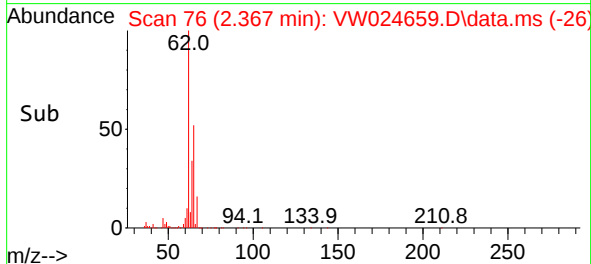
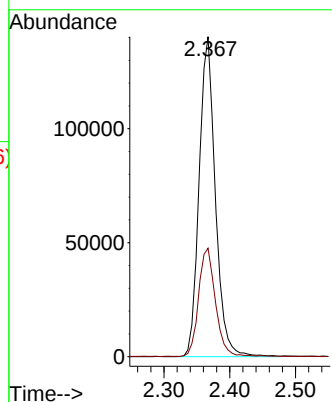
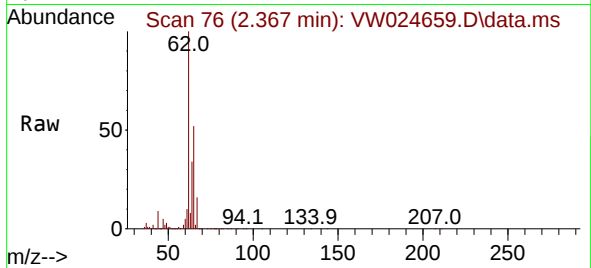




#5
 Vinyl chloride
 Concen: 26.153 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW024659.D
 Acq: 28 Sep 2022 15:36

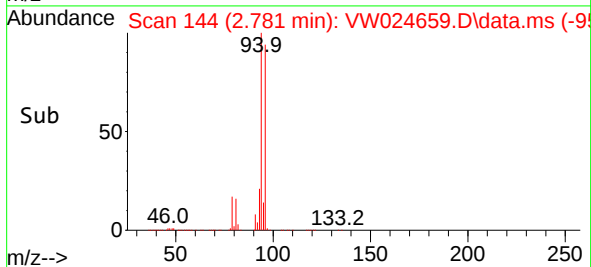
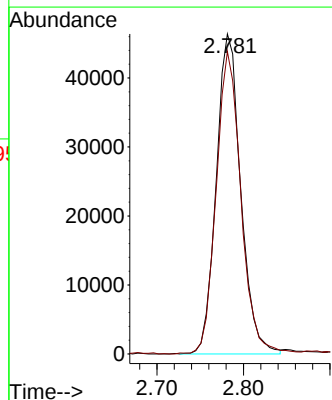
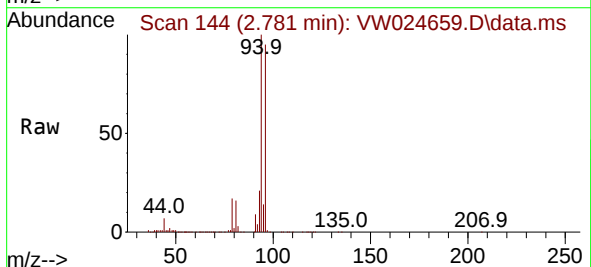
Instrument :
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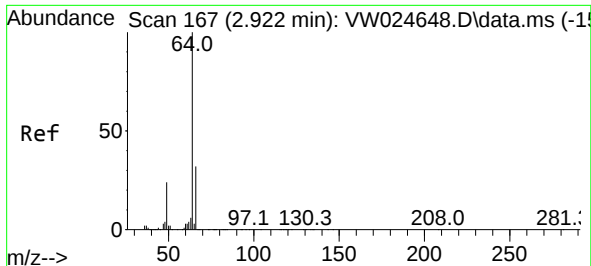
Tgt Ion: 62 Resp: 240544
 Ion Ratio Lower Upper
 62 100
 64 33.9 24.4 45.2



#6
 Bromomethane
 Concen: 21.471 ug/L
 RT: 2.781 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW024659.D
 Acq: 28 Sep 2022 15:36

Tgt Ion: 94 Resp: 91142
 Ion Ratio Lower Upper
 94 100
 96 94.5 68.0 126.2

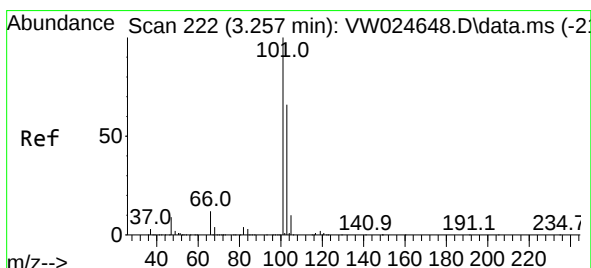
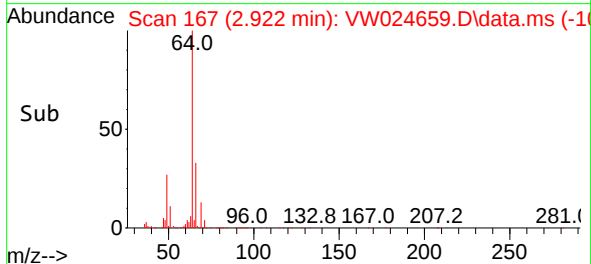
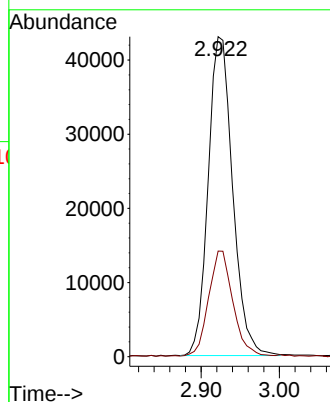
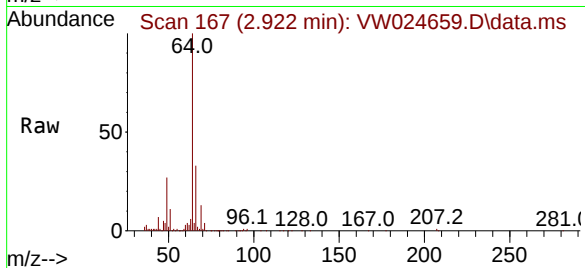




#8
Chloroethane
Concen: 24.083 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW024659.D
Acq: 28 Sep 2022 15:36

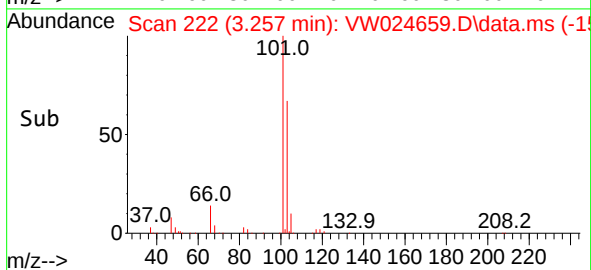
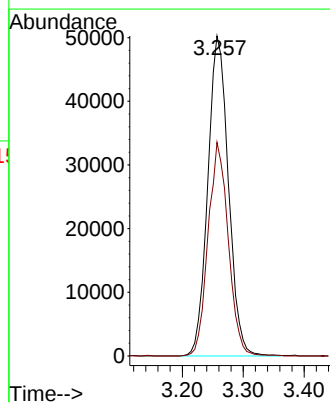
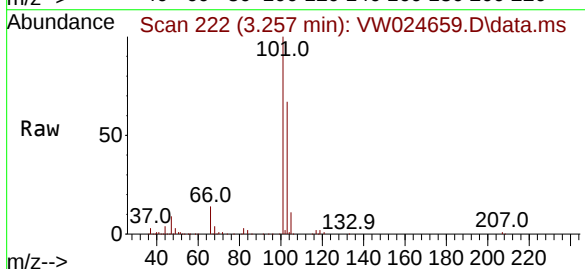
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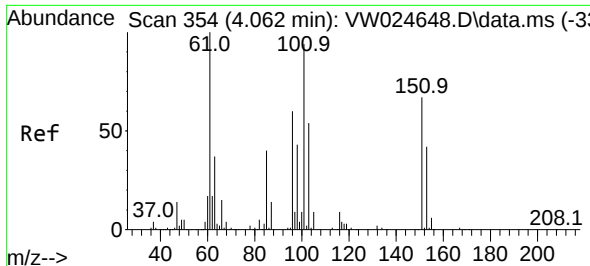
Tgt Ion: 64 Resp: 93382
Ion Ratio Lower Upper
64 100
66 33.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 22.993 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW024659.D
Acq: 28 Sep 2022 15:36

Tgt Ion: 101 Resp: 118312
Ion Ratio Lower Upper
101 100
103 65.2 53.4 80.2

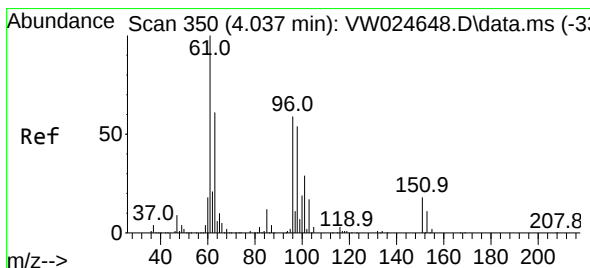
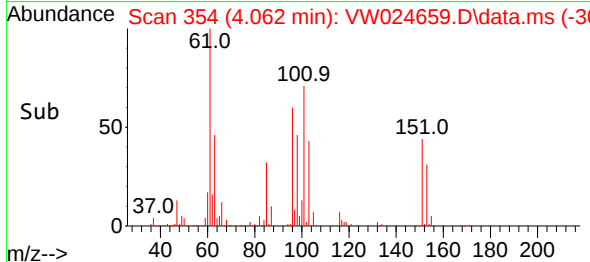
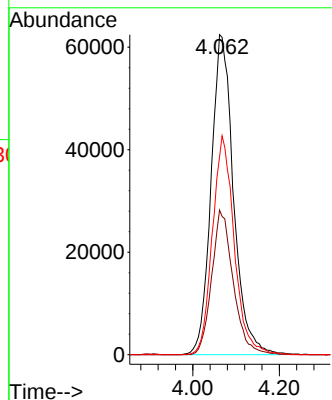
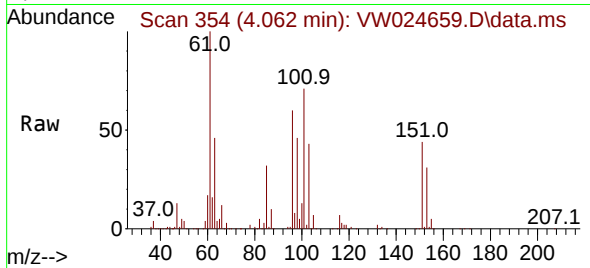




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.910 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW024659.D
 Acq: 28 Sep 2022 15:36

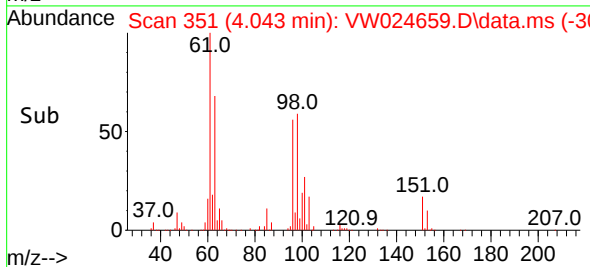
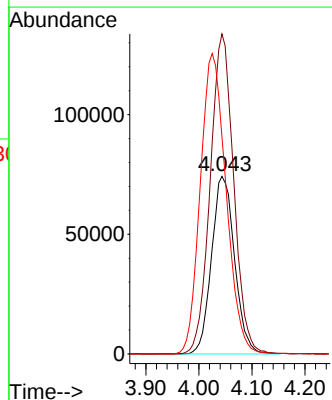
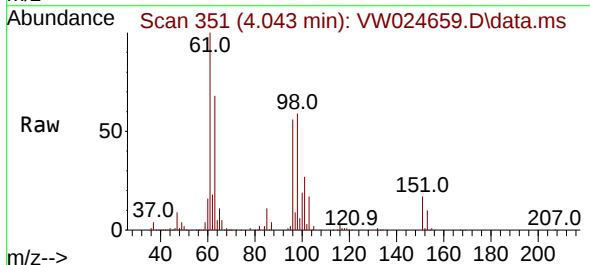
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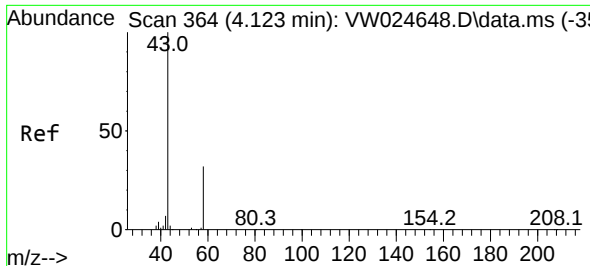
Tgt Ion:101 Resp: 224836
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.9 52.3
 151 66.5 30.9 46.3#



#12
 1,1-Dichloroethene
 Concen: 22.854 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW024659.D
 Acq: 28 Sep 2022 15:36

Tgt Ion: 96 Resp: 223692
 Ion Ratio Lower Upper
 96 100
 61 180.2 124.5 231.1
 63 122.2 84.1 156.1

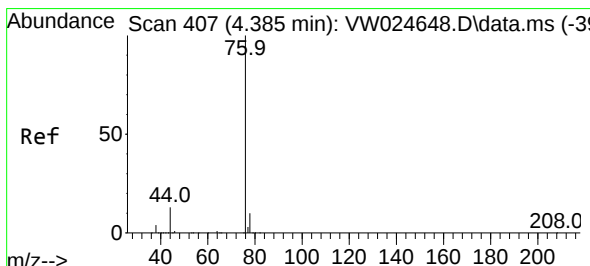
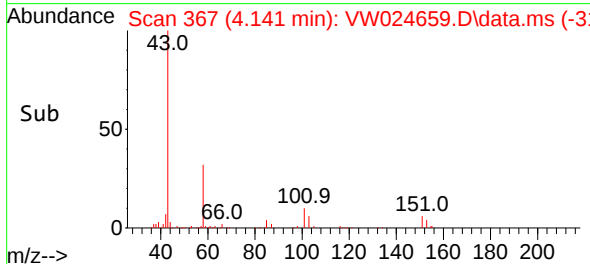
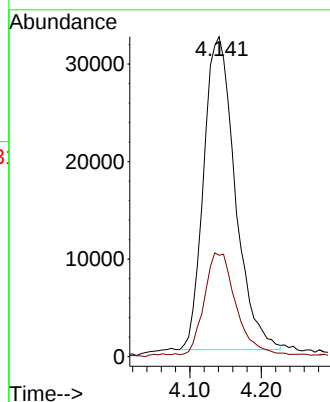
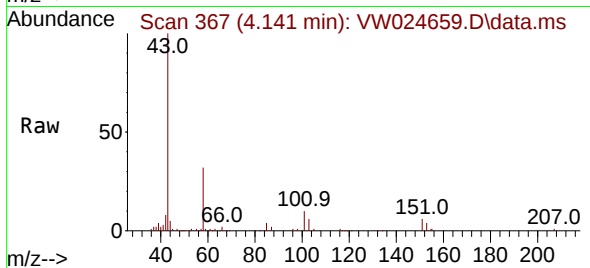




#13
Acetone
Concen: 47.828 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW024659.D
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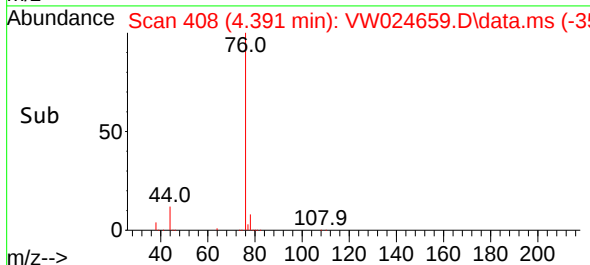
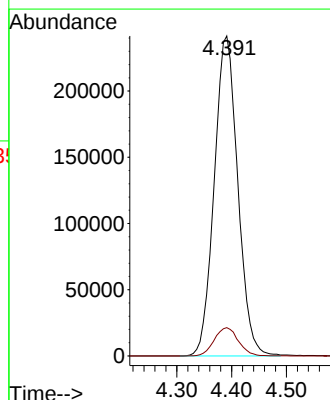
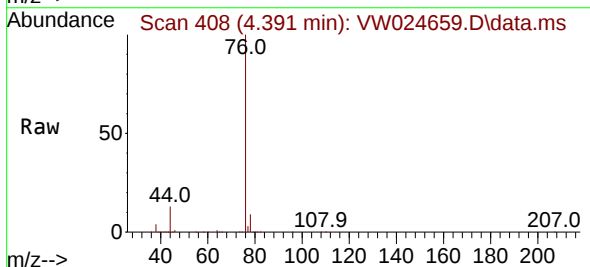
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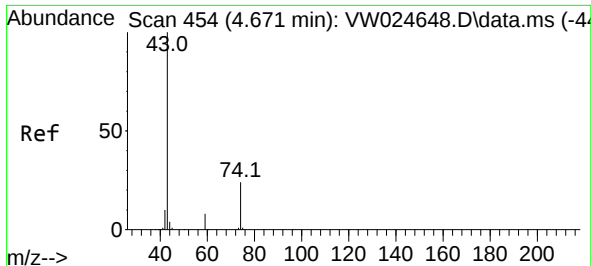
Tgt Ion: 43 Resp: 98210
Ion Ratio Lower Upper
43 100
58 32.4 0.0 67.6



#14
Carbon disulfide
Concen: 23.329 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 720853
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

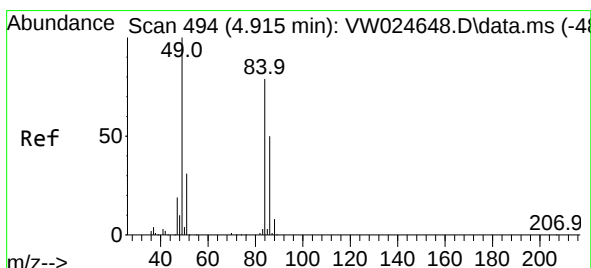
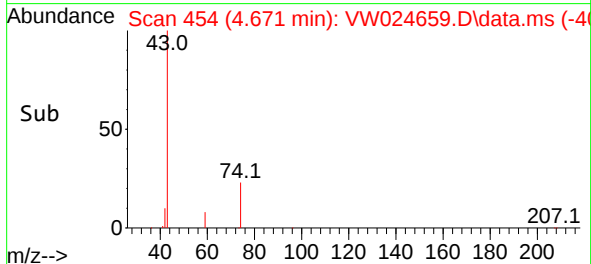
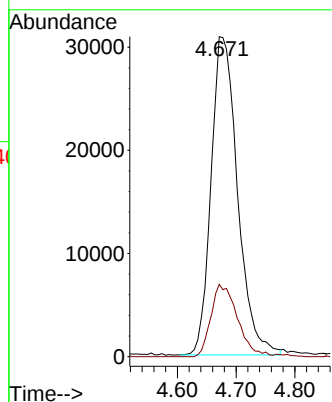
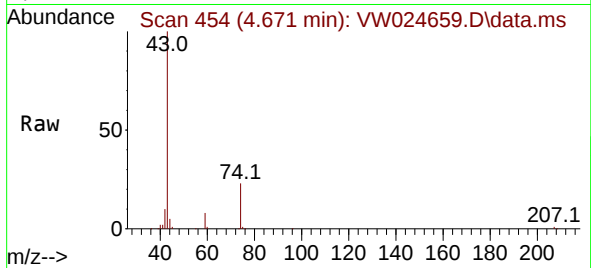




#15
Methyl Acetate
Concen: 21.269 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW024659.D
Acq: 28 Sep 2022 15:36

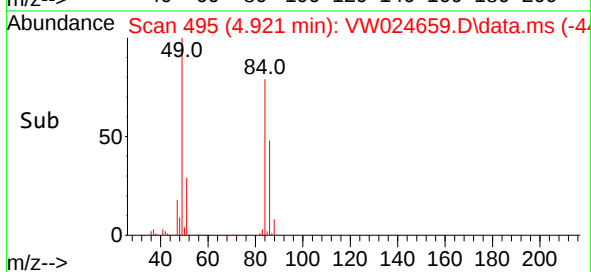
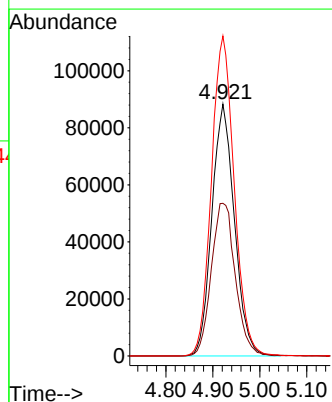
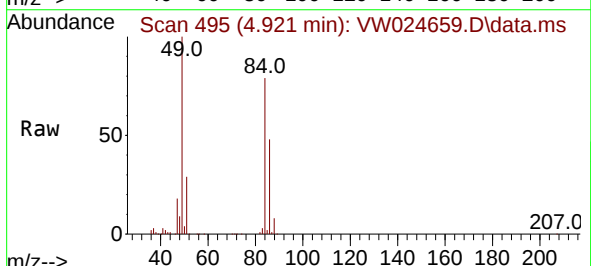
Instrument :
MSVOA_W
ClientSampleId :
EW807MS

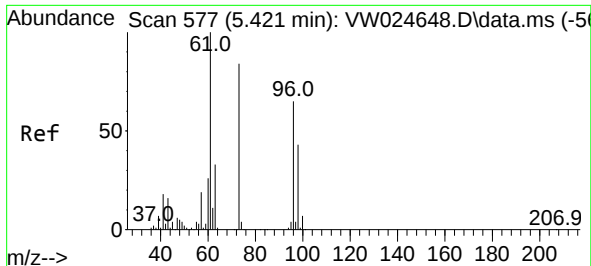
Tgt Ion: 43 Resp: 96706
Ion Ratio Lower Upper
43 100
74 22.7 18.1 27.1



#16
Methylene chloride
Concen: 20.079 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW024659.D
Acq: 28 Sep 2022 15:36

Tgt Ion: 84 Resp: 295048
Ion Ratio Lower Upper
84 100
86 60.6 44.0 81.8
49 127.0 87.4 162.2

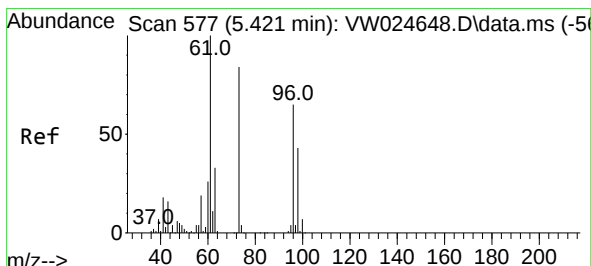
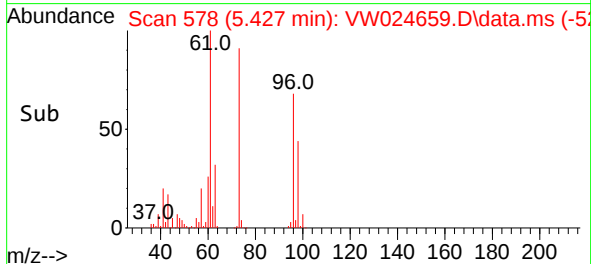
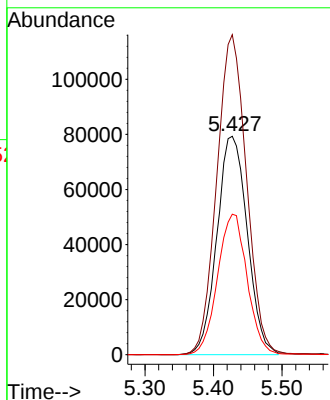
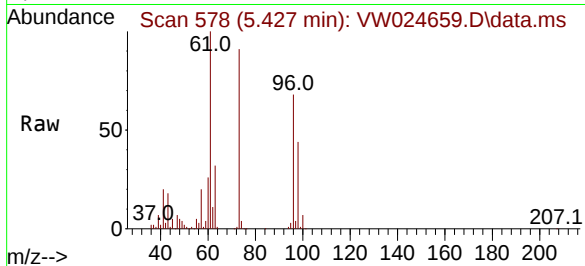




#17
trans-1,2-Dichloroethene
Concen: 22.202 ug/L
RT: 5.427 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024659.D
Acq: 28 Sep 2022 15:36

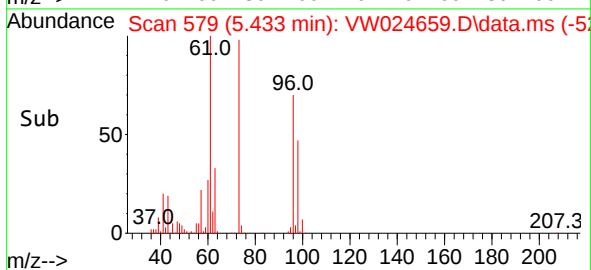
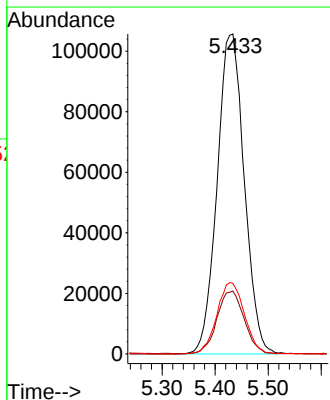
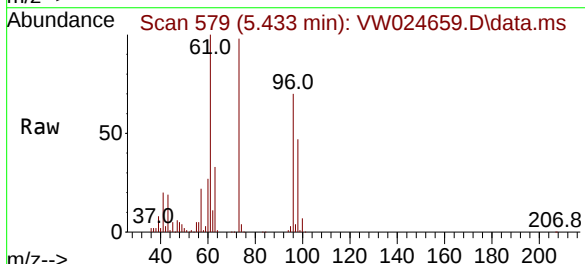
Instrument :
MSVOA_W
ClientSampleId :
EW807MS

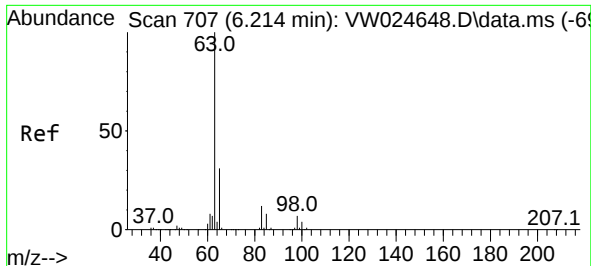
Tgt Ion: 96 Resp: 244165
Ion Ratio Lower Upper
96 100
61 146.5 106.3 197.5
98 64.3 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 21.536 ug/L
RT: 5.433 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW024659.D
Acq: 28 Sep 2022 15:36

Tgt Ion: 73 Resp: 375523
Ion Ratio Lower Upper
73 100
43 19.6 15.6 23.4
57 22.6 18.3 27.5





#19

1,1-Dichloroethane

Concen: 21.325 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.006 min

Lab File: VW024659.D

Acq: 28 Sep 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

EW807MS

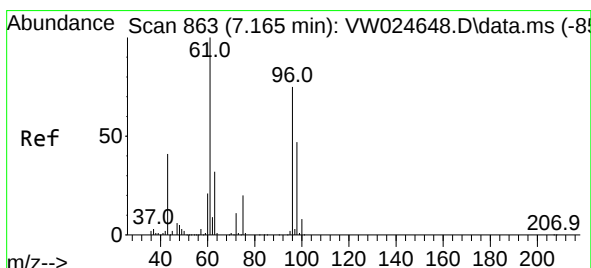
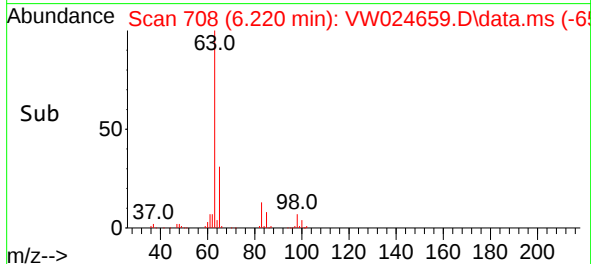
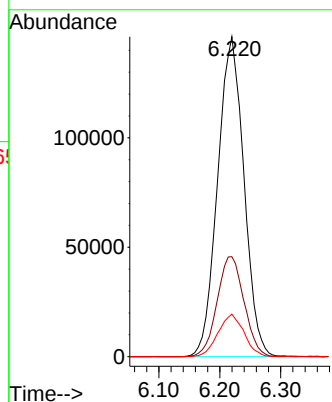
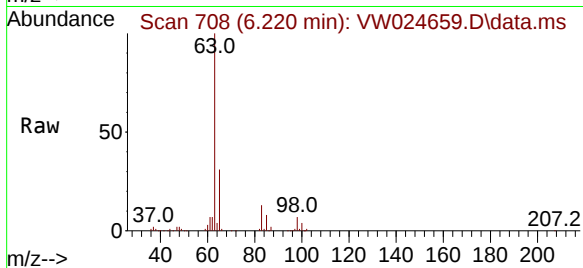
Tgt Ion: 63 Resp: 438772

Ion Ratio Lower Upper

63 100

65 31.3 23.7 43.9

83 13.3 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 21.759 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW024659.D

Acq: 28 Sep 2022 15:36

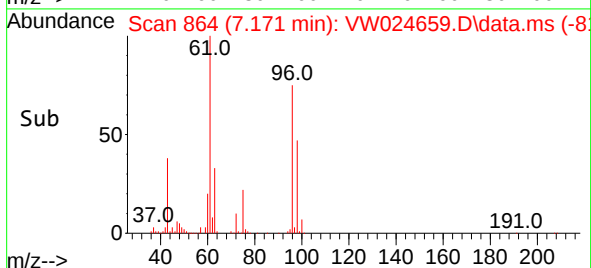
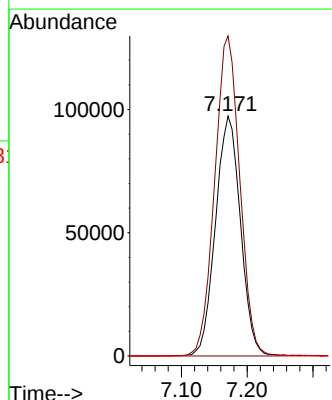
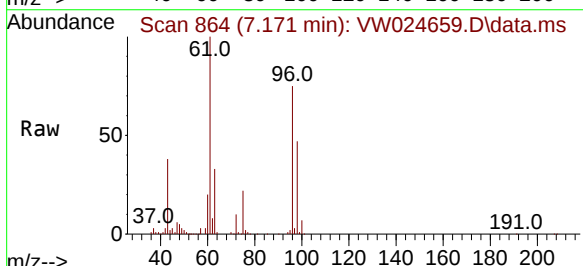
Tgt Ion: 96 Resp: 256764

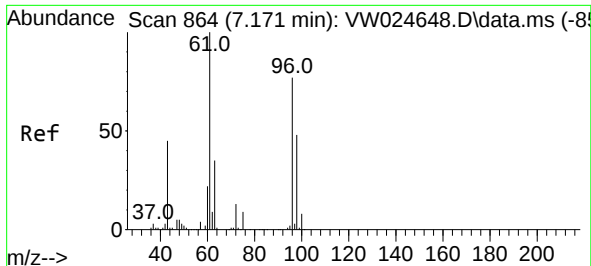
Ion Ratio Lower Upper

96 100

61 133.4 90.2 167.4

68 0.0 0.0 0.0

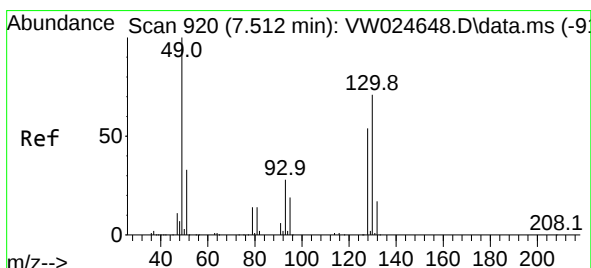
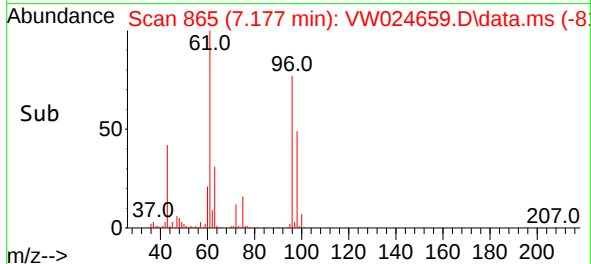
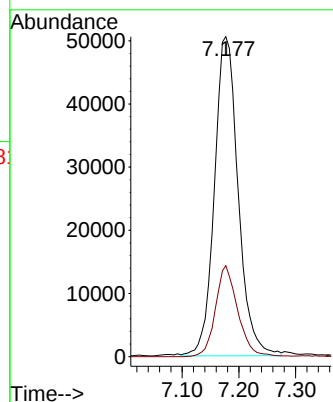
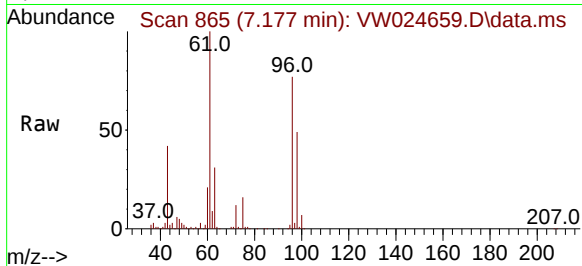




#22
2-Butanone
Concen: 44.787 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW024659.D
Acq: 28 Sep 2022 15:36

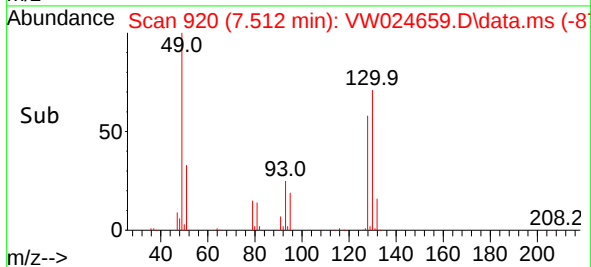
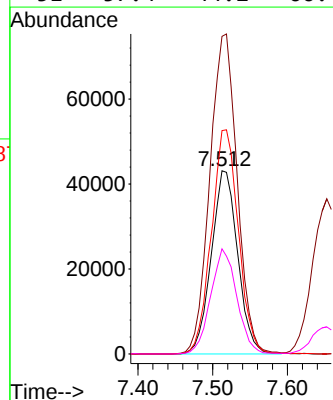
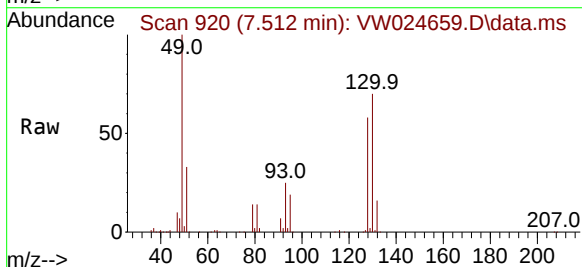
Instrument :
MSVOA_W
ClientSampleId :
EW807MS

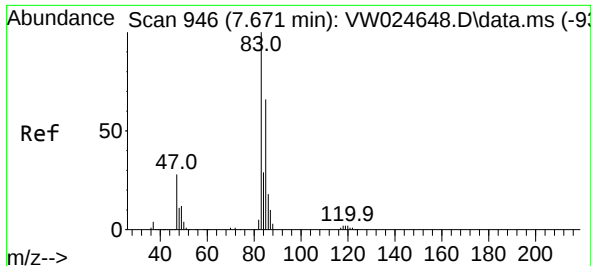
Tgt Ion: 43 Resp: 147101
Ion Ratio Lower Upper
43 100
72 26.7 13.8 41.3



#23
Bromochloromethane
Concen: 22.083 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW024659.D
Acq: 28 Sep 2022 15:36

Tgt Ion: 128 Resp: 105907
Ion Ratio Lower Upper
128 100
49 173.4 127.3 236.3
130 121.9 90.2 167.4
51 57.4 44.2 66.4

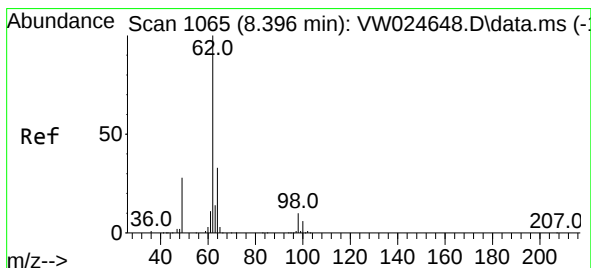
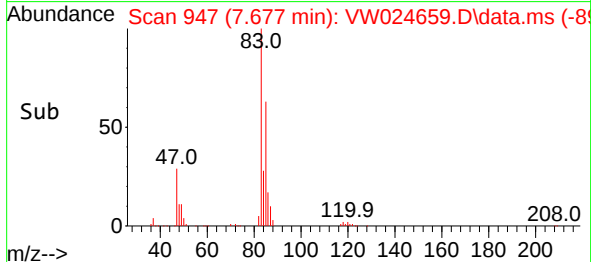
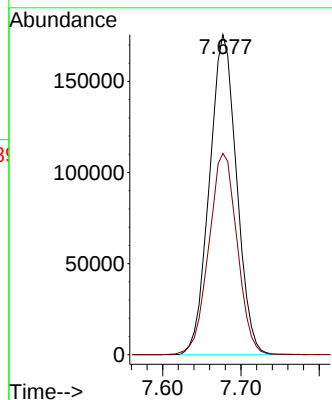
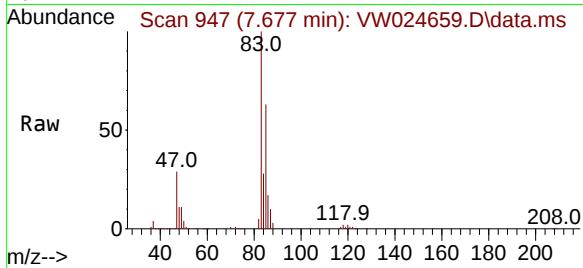




#25
Chloroform
Concen: 21.677 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW024659.D
Acq: 28 Sep 2022 15:36

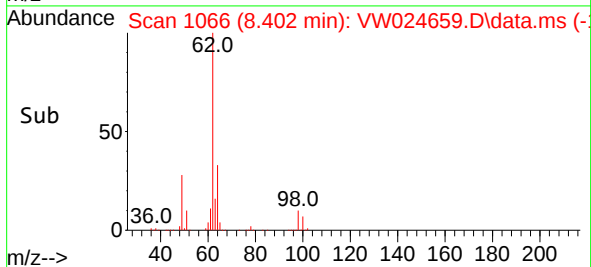
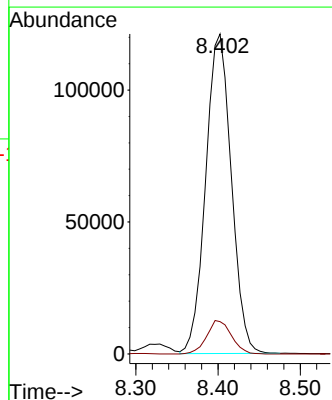
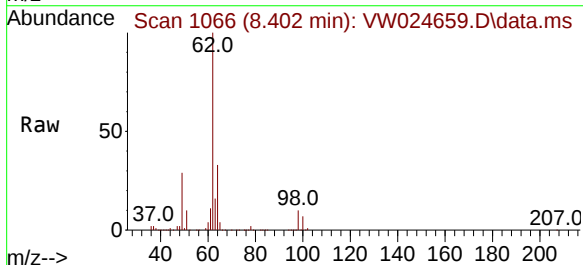
Instrument :
MSVOA_W
ClientSampleId :
EW807MS

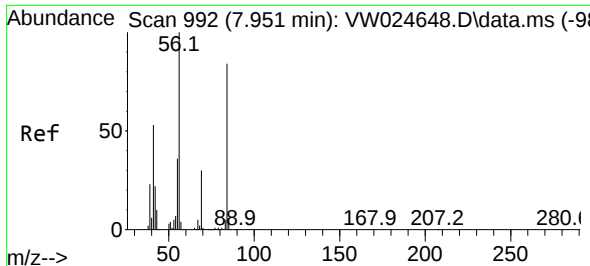
Tgt Ion: 83 Resp: 422946
Ion Ratio Lower Upper
83 100
85 62.9 44.0 81.8



#27
1,2-Dichloroethane
Concen: 21.338 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW024659.D
Acq: 28 Sep 2022 15:36

Tgt Ion: 62 Resp: 261967
Ion Ratio Lower Upper
62 100
98 10.1 7.8 11.8





#29

Cyclohexane

Concen: 22.040 ug/L

RT: 7.957 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW024659.D

Acq: 28 Sep 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

EW807MS

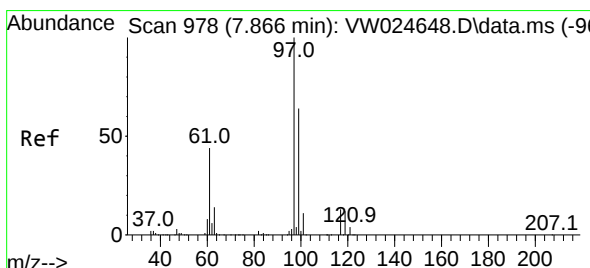
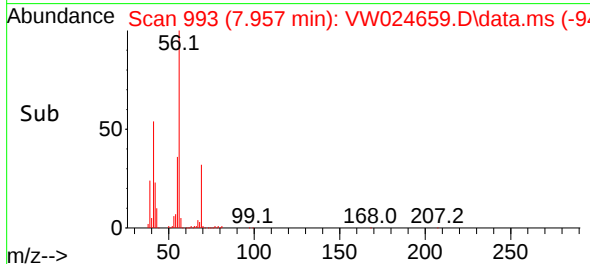
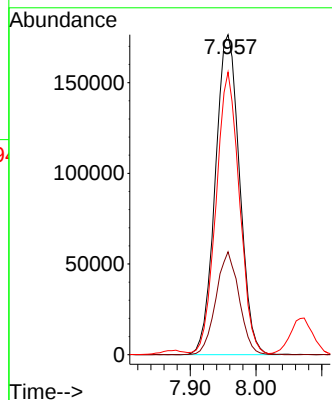
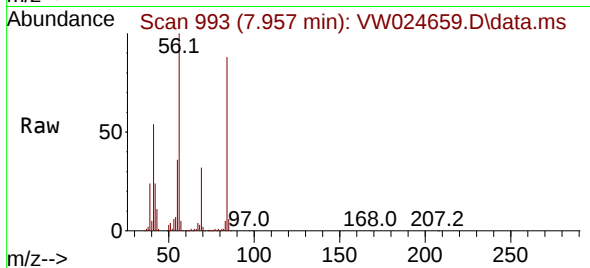
Tgt Ion: 56 Resp: 453511

Ion Ratio Lower Upper

56 100

69 30.7 25.0 37.4

84 85.1 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 22.000 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW024659.D

Acq: 28 Sep 2022 15:36

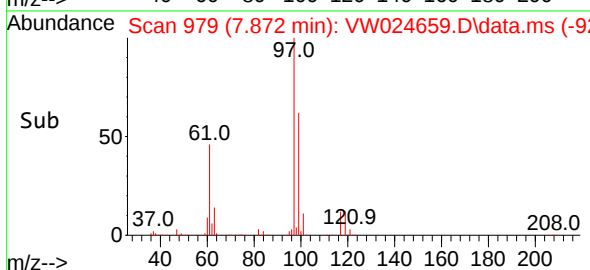
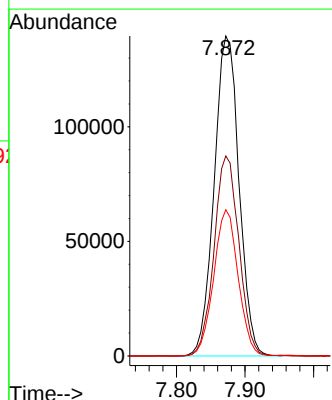
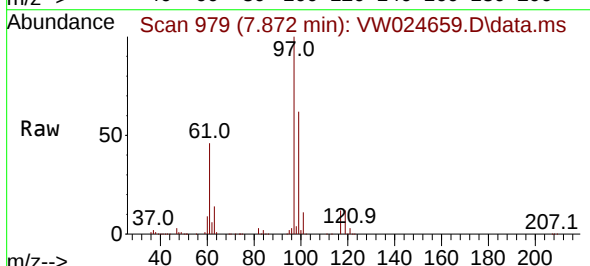
Tgt Ion: 97 Resp: 351694

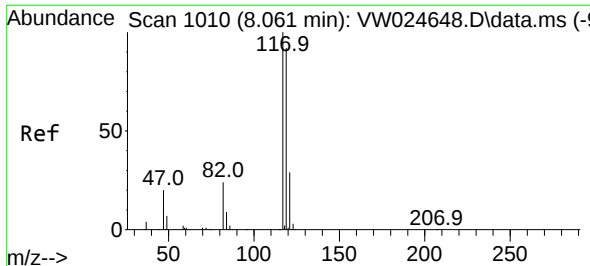
Ion Ratio Lower Upper

97 100

99 62.4 51.1 76.7

61 45.0 35.8 53.6

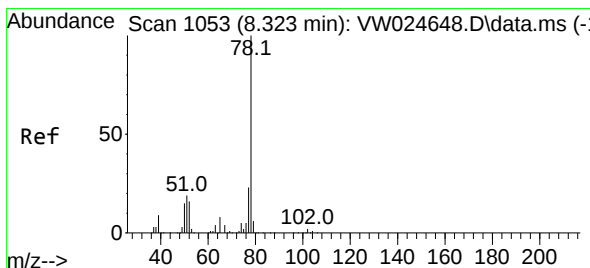
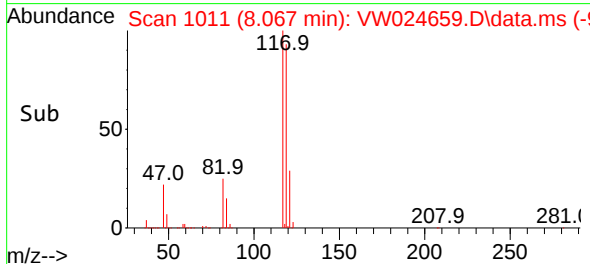
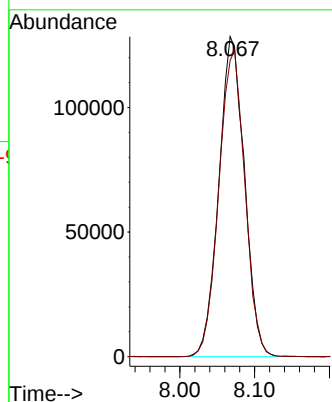
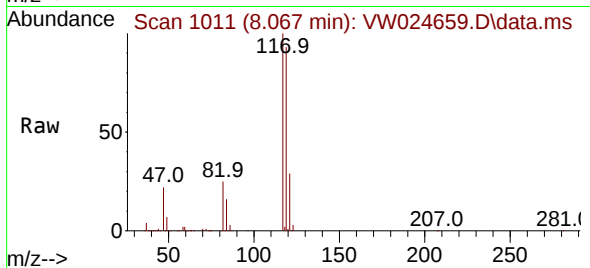




#31
Carbon tetrachloride
Concen: 22.638 ug/L
RT: 8.067 min Scan# 1010
Delta R.T. 0.006 min
Lab File: VW024659.D
Acq: 28 Sep 2022 15:36

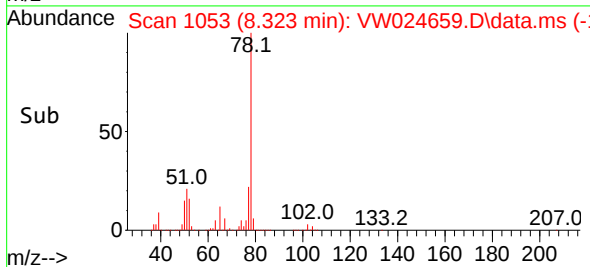
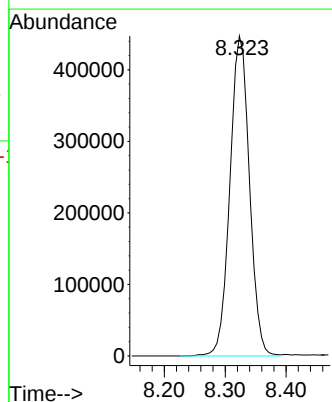
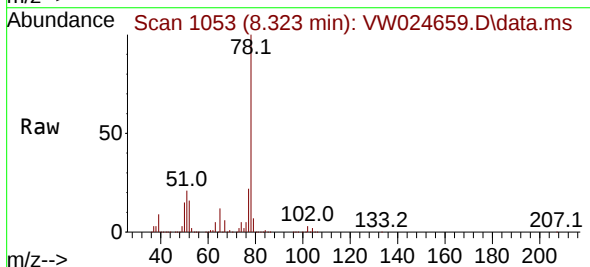
Instrument :
MSVOA_W
ClientSampleId :
EW807MS

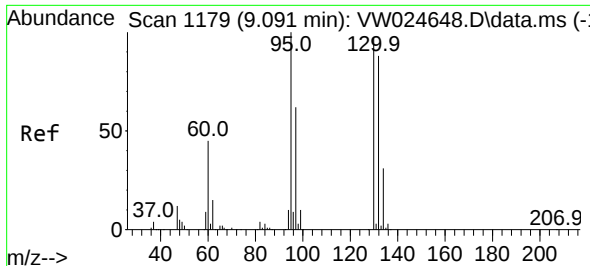
Tgt Ion:117 Resp: 306464
Ion Ratio Lower Upper
117 100
119 96.9 76.2 114.2



#33
Benzene
Concen: 21.569 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW024659.D
Acq: 28 Sep 2022 15:36

Tgt Ion: 78 Resp: 997352



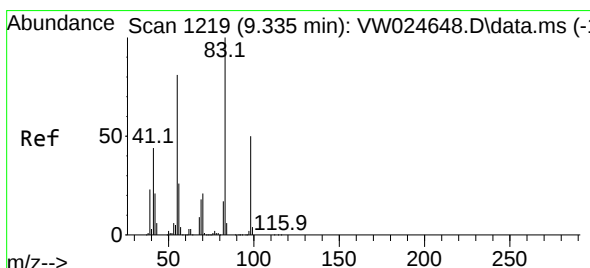
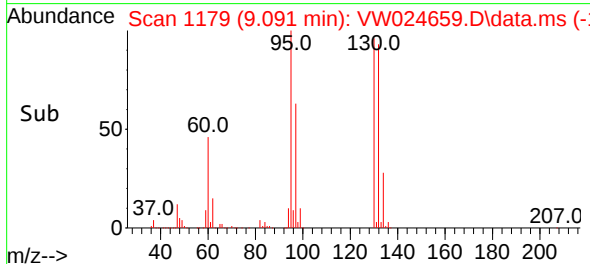
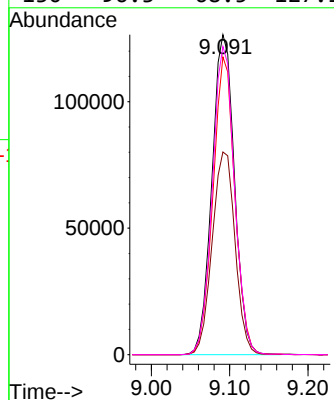
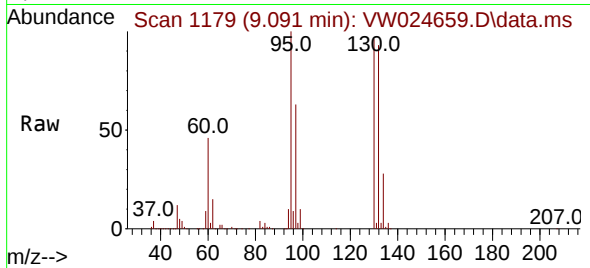


#34
Trichloroethene
Concen: 21.594 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW024659.D
Acq: 28 Sep 2022 15:36

Instrument :
MSVOA_W
ClientSampleId :
EW807MS

Tgt Ion: 95 Resp: 253072

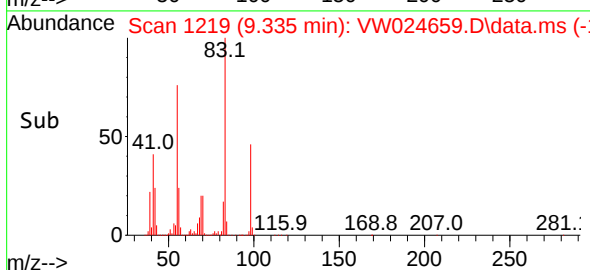
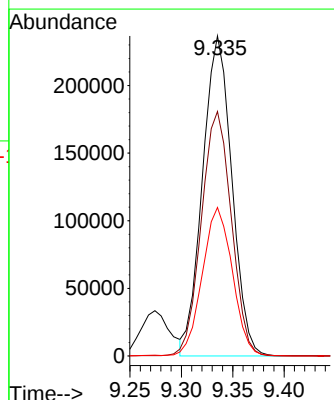
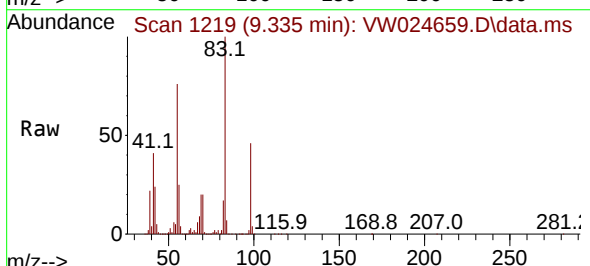
Ion	Ratio	Lower	Upper
95	100		
97	63.3	43.5	80.9
132	93.0	61.2	113.8
130	96.3	68.5	127.1

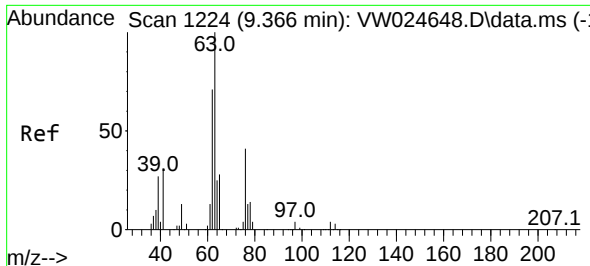


#35
Methylcyclohexane
Concen: 21.830 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW024659.D
Acq: 28 Sep 2022 15:36

Tgt Ion: 83 Resp: 468991

Ion	Ratio	Lower	Upper
83	100		
55	78.3	63.1	94.7
98	47.8	38.3	57.5





#37

1,2-Dichloropropane

Concen: 21.728 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024659.D

Acq: 28 Sep 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

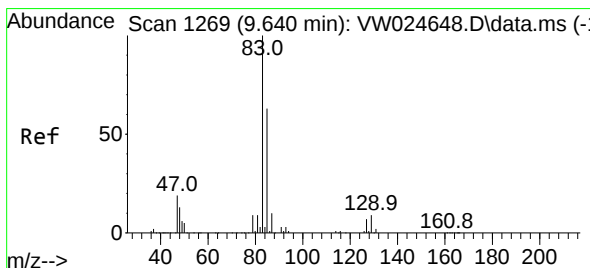
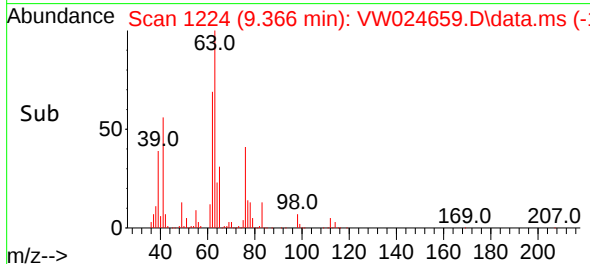
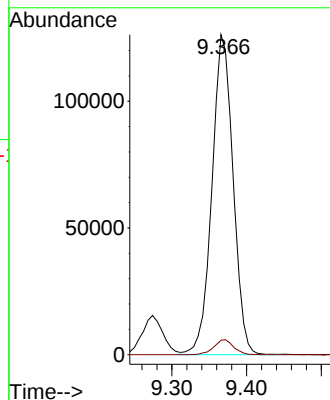
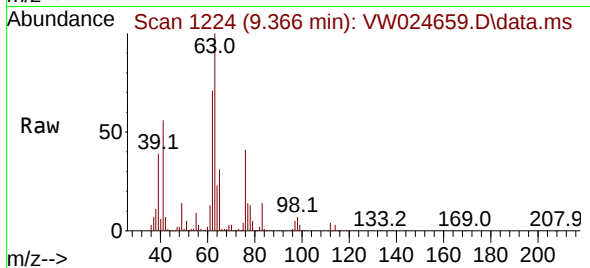
EW807MS

Tgt Ion: 63 Resp: 248026

Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4



#38

Bromodichloromethane

Concen: 21.652 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024659.D

Acq: 28 Sep 2022 15:36

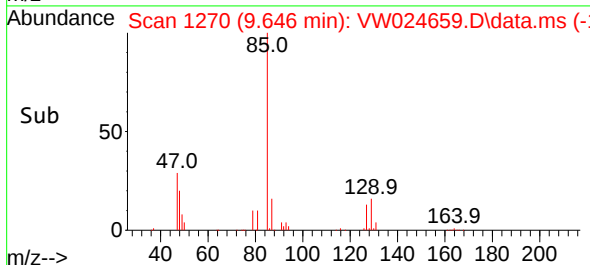
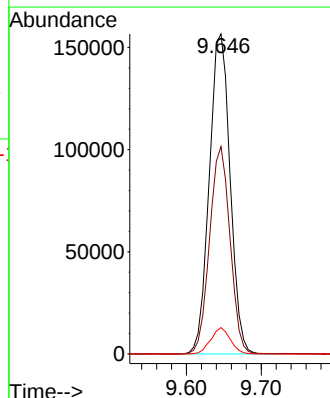
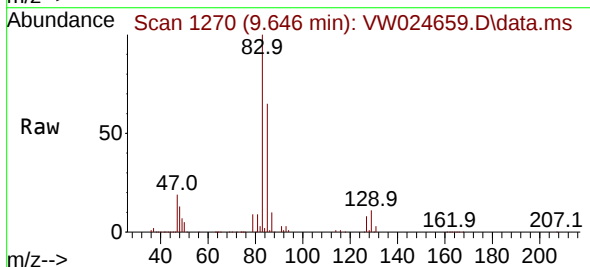
Tgt Ion: 83 Resp: 304028

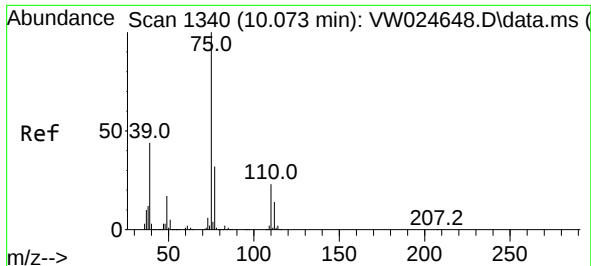
Ion Ratio Lower Upper

83 100

85 64.8 45.6 84.8

127 8.3 6.4 9.6

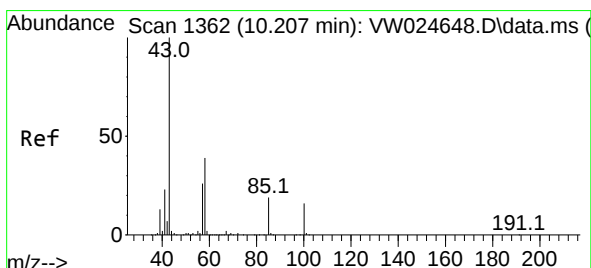
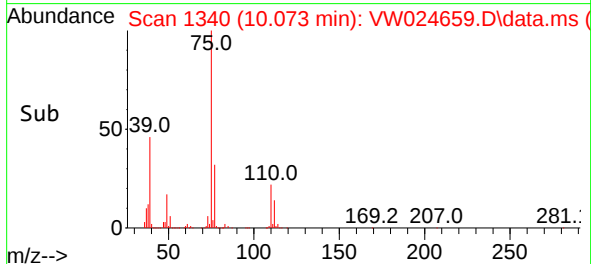
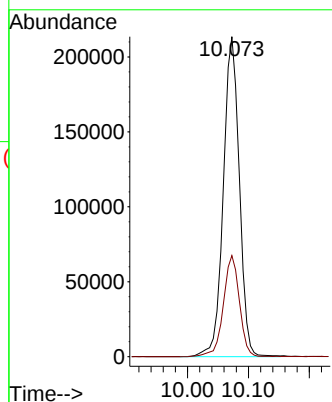
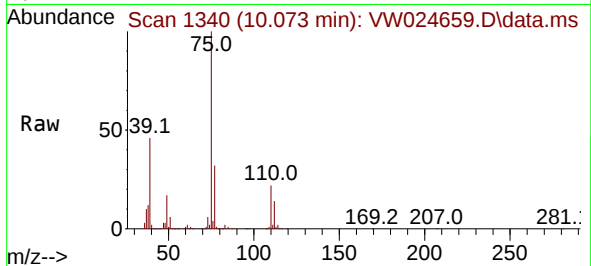




#39
 cis-1,3-Dichloropropene
 Concen: 21.629 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW024659.D
 Acq: 28 Sep 2022 15:36

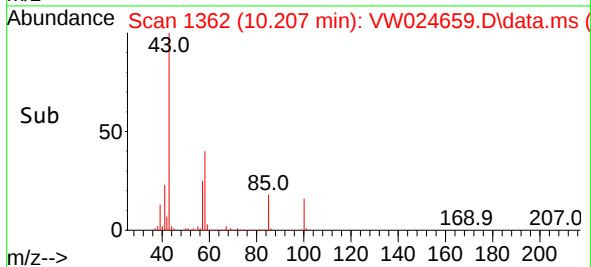
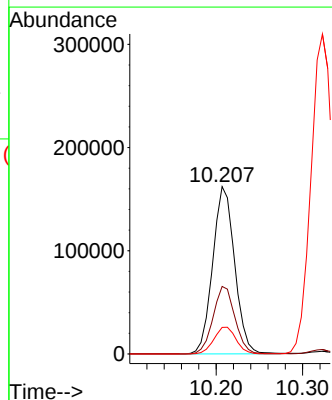
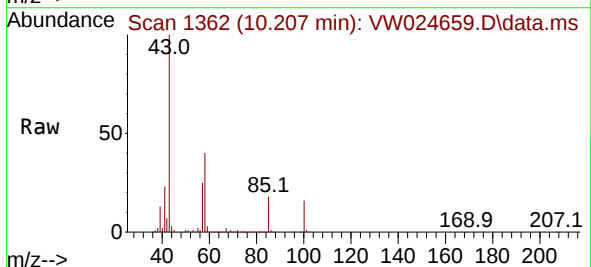
Instrument :
 MSVOA_W
 ClientSampleId :
 EW807MS

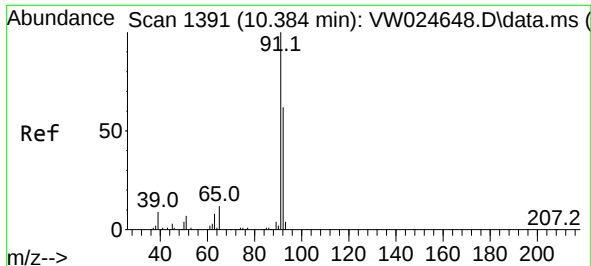
Tgt Ion: 75 Resp: 390432
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 42.260 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW024659.D
 Acq: 28 Sep 2022 15:36

Tgt Ion: 43 Resp: 285543
 Ion Ratio Lower Upper
 43 100
 58 40.3 32.9 49.3
 100 16.1 12.6 19.0

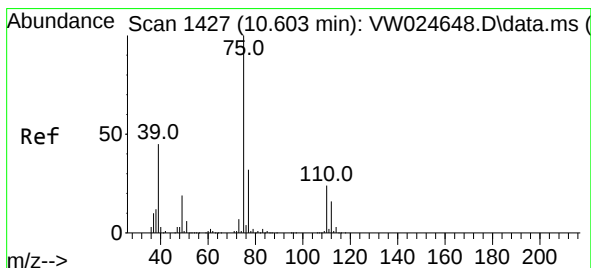
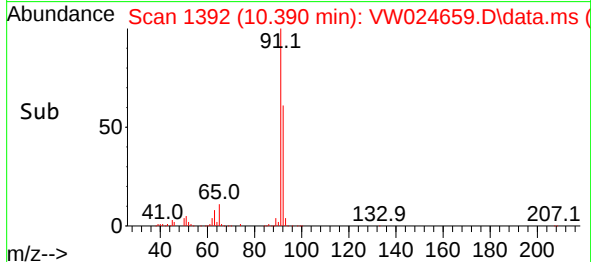
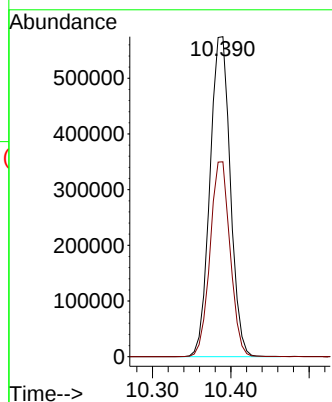
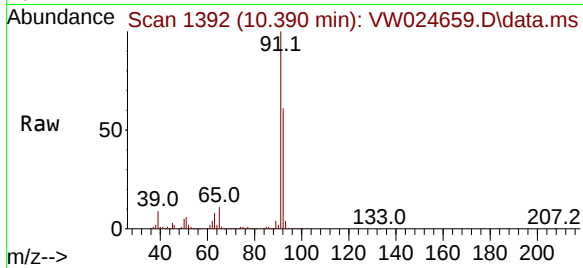




#42
Toluene
Concen: 21.758 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW024659.D
Acq: 28 Sep 2022 15:36

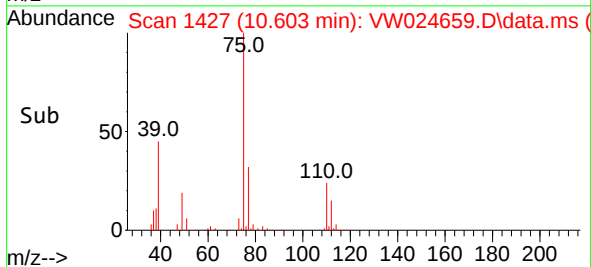
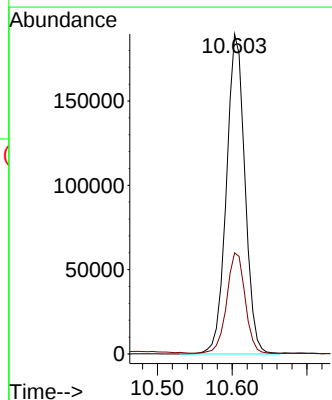
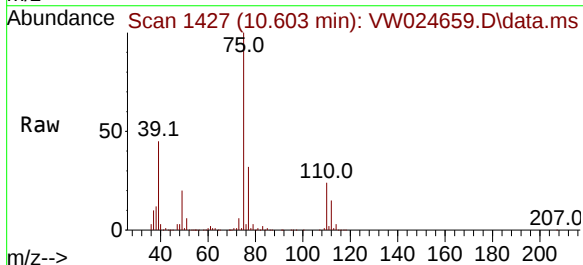
Instrument :
MSVOA_W
ClientSampleId :
EW807MS

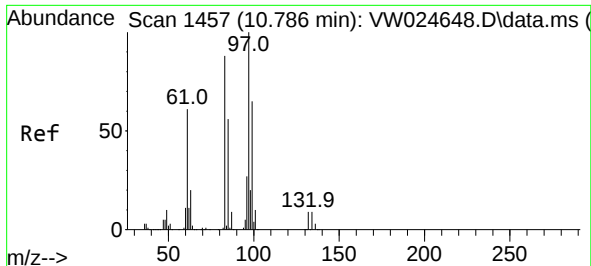
Tgt Ion: 91 Resp: 1038928
Ion Ratio Lower Upper
91 100
92 60.9 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 21.133 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024659.D
Acq: 28 Sep 2022 15:36

Tgt Ion: 75 Resp: 327066
Ion Ratio Lower Upper
75 100
77 31.6 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 21.529 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW024659.D

Acq: 28 Sep 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

EW807MS

Tgt Ion: 97 Resp: 167865

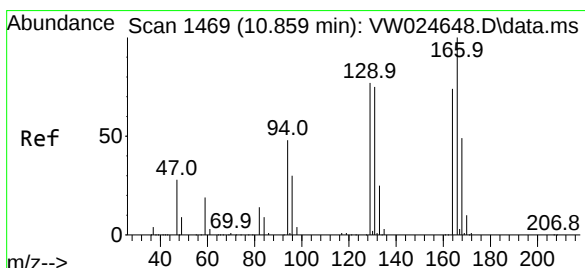
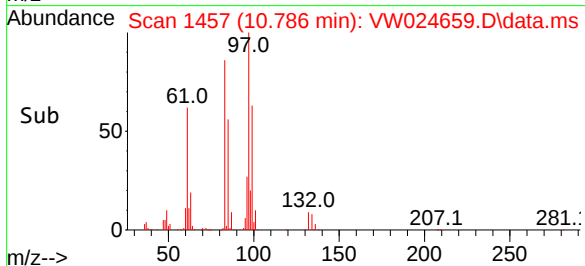
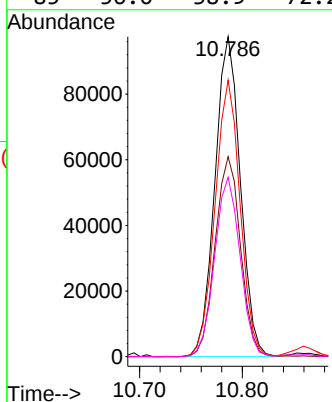
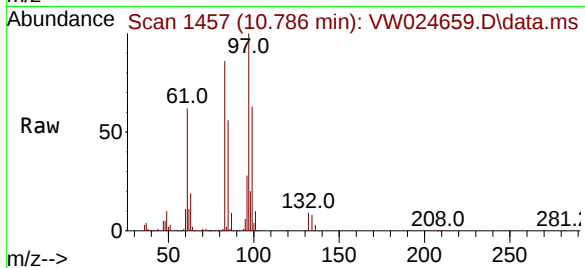
Ion Ratio Lower Upper

97 100

99 62.5 43.8 81.4

83 86.4 60.1 111.5

85 56.0 38.9 72.2



#46

Tetrachloroethene

Concen: 21.369 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW024659.D

Acq: 28 Sep 2022 15:36

Tgt Ion:164 Resp: 170157

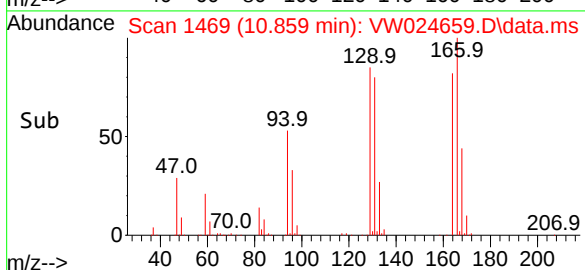
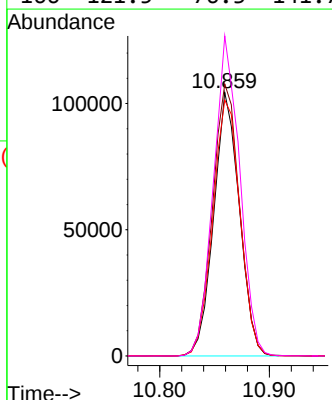
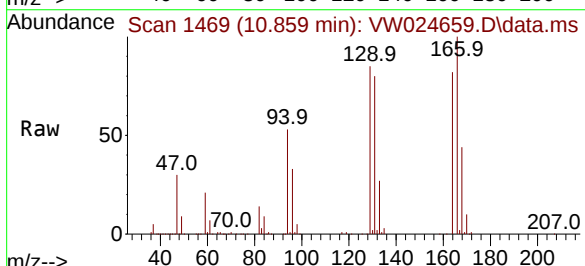
Ion Ratio Lower Upper

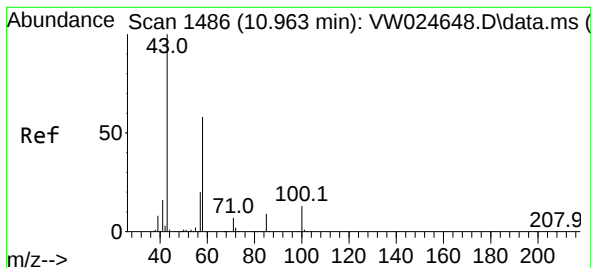
164 100

129 103.2 74.1 137.5

131 97.1 71.5 132.7

166 121.5 76.3 141.7





#48

2-Hexanone

Concen: 44.901 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.006 min

Lab File: VW024659.D

Acq: 28 Sep 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

EW807MS

Tgt Ion: 43 Resp: 205152

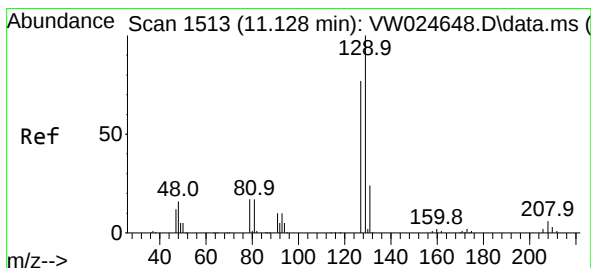
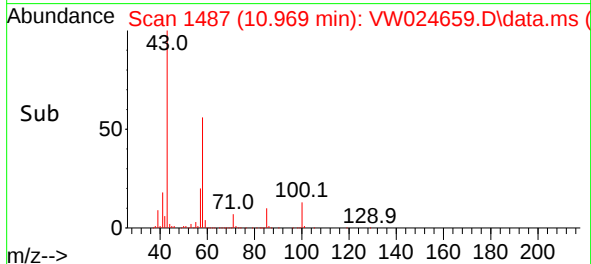
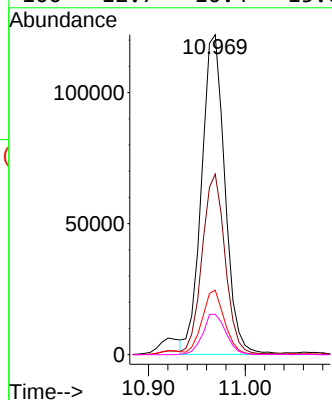
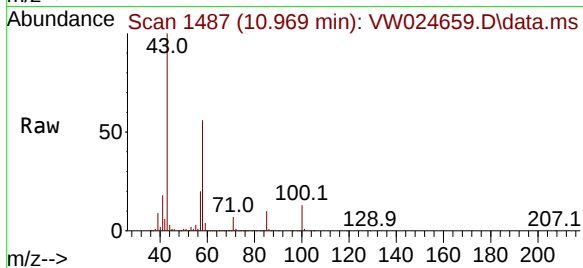
Ion Ratio Lower Upper

43 100

58 56.0 45.3 67.9

57 19.4 16.3 24.5

100 12.7 10.4 15.6



#49

Dibromochloromethane

Concen: 21.832 ug/L

RT: 11.127 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW024659.D

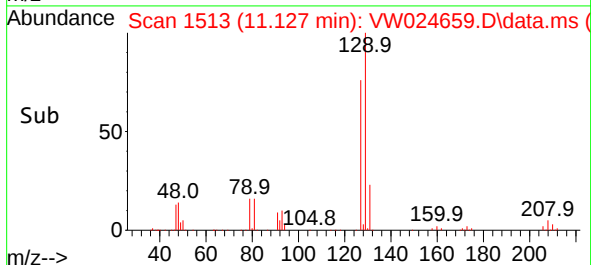
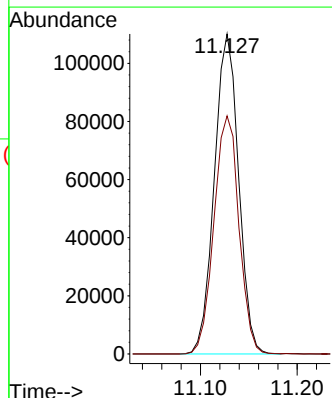
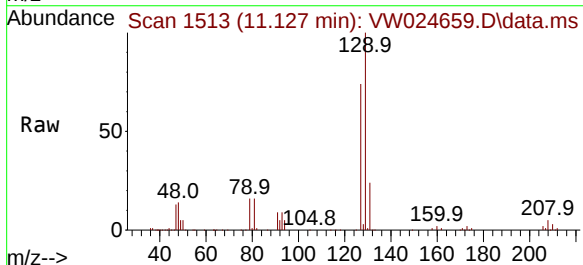
Acq: 28 Sep 2022 15:36

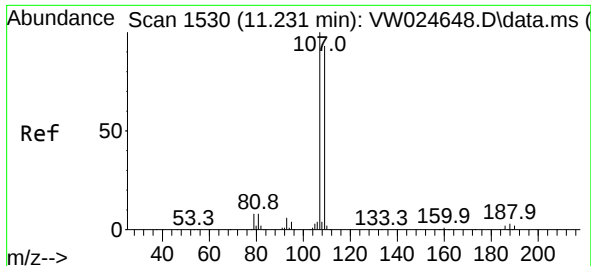
Tgt Ion:129 Resp: 191686

Ion Ratio Lower Upper

129 100

127 74.4 52.4 97.4

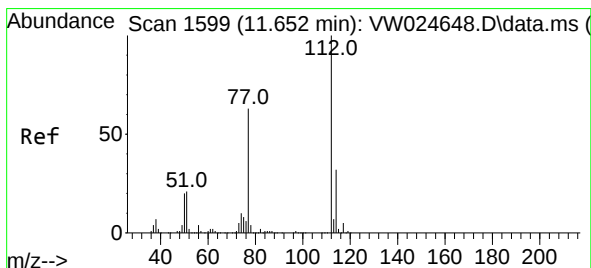
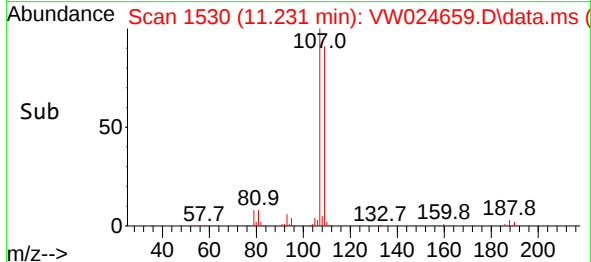
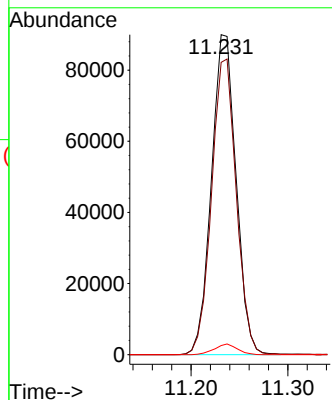
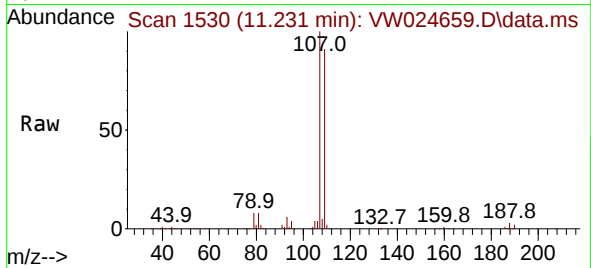




#50
1,2-Dibromoethane
Concen: 21.600 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024659.D
Acq: 28 Sep 2022 15:36

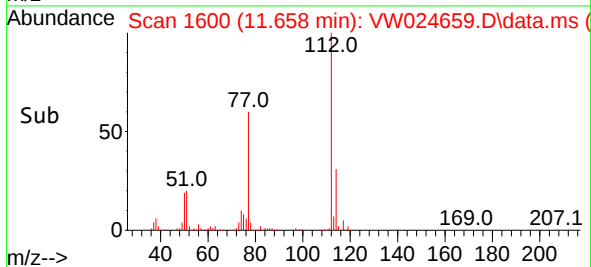
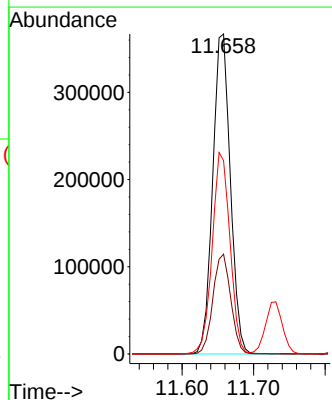
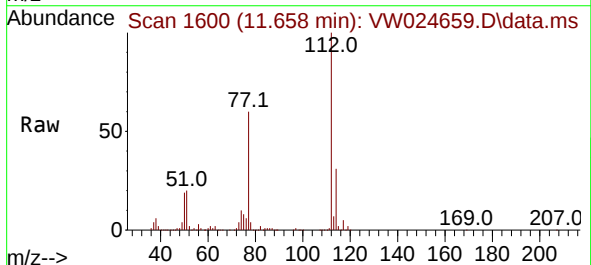
Instrument :
MSVOA_W
ClientSampleId :
EW807MS

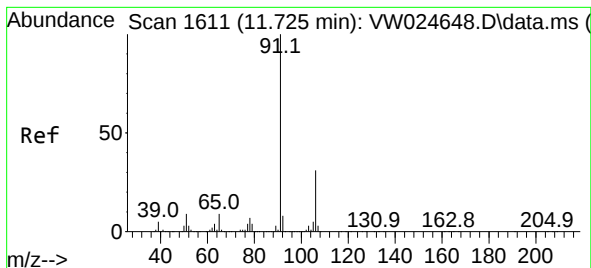
Tgt Ion:107 Resp: 159415
Ion Ratio Lower Upper
107 100
109 91.3 65.5 121.7
188 2.9 2.4 3.6



#51
Chlorobenzene
Concen: 21.495 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW024659.D
Acq: 28 Sep 2022 15:36

Tgt Ion:112 Resp: 628430
Ion Ratio Lower Upper
112 100
114 31.2 23.3 43.3
77 60.4 49.1 73.7

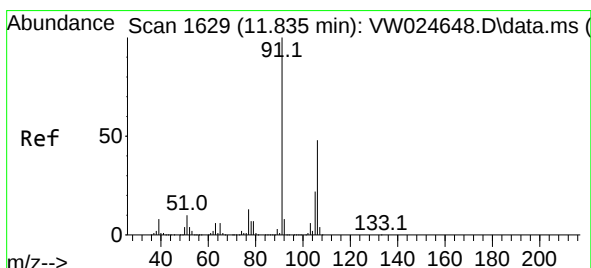
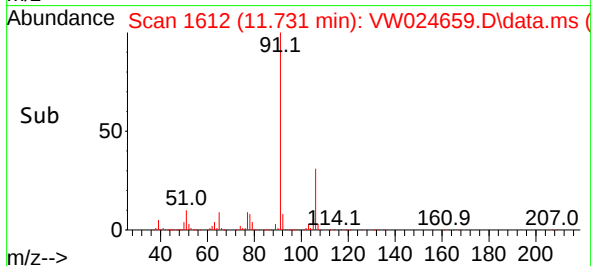
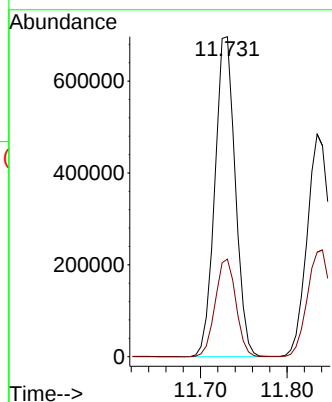
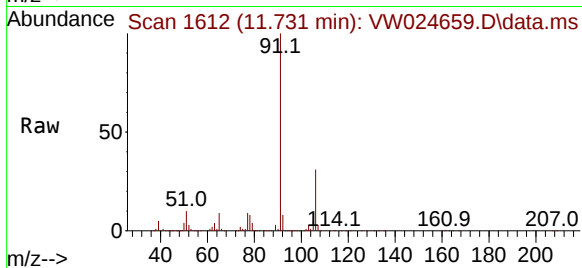




#52
Ethylbenzene
Concen: 21.701 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW024659.D
Acq: 28 Sep 2022 15:36

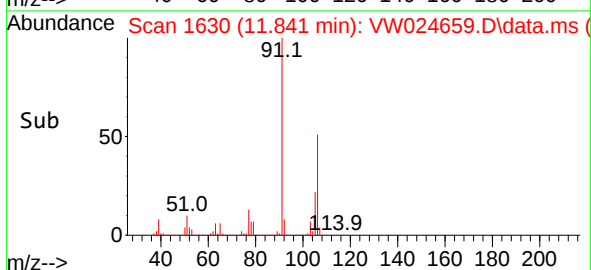
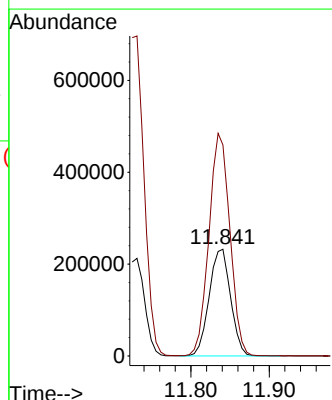
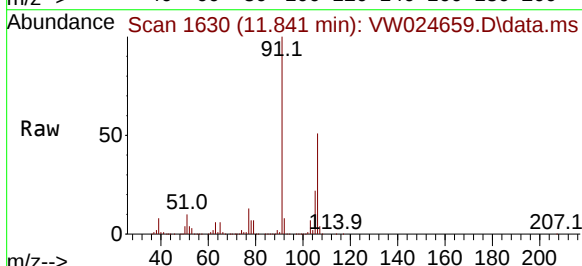
Instrument :
MSVOA_W
ClientSampleId :
EW807MS

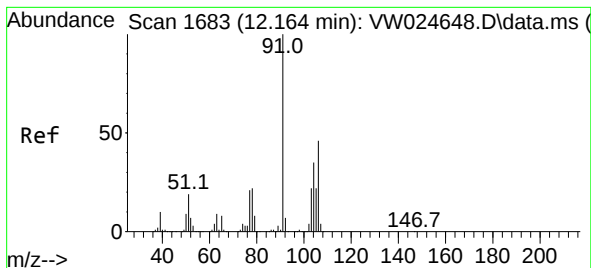
Tgt Ion: 91 Resp: 1141359
Ion Ratio Lower Upper
91 100
106 30.5 21.5 39.9



#53
m,p-Xylene
Concen: 21.478 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW024659.D
Acq: 28 Sep 2022 15:36

Tgt Ion:106 Resp: 441108
Ion Ratio Lower Upper
106 100
91 197.6 146.8 272.6





#54

o-Xylene

Concen: 21.581 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024659.D

Acq: 28 Sep 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

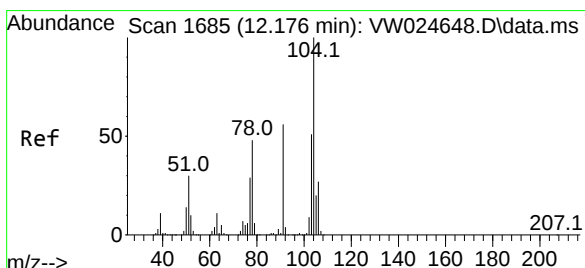
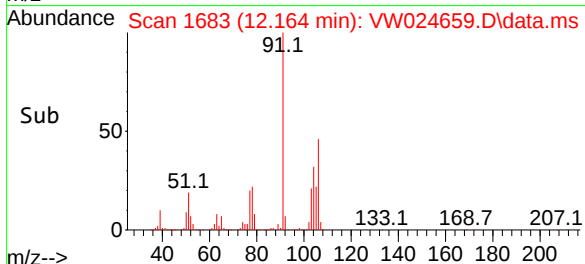
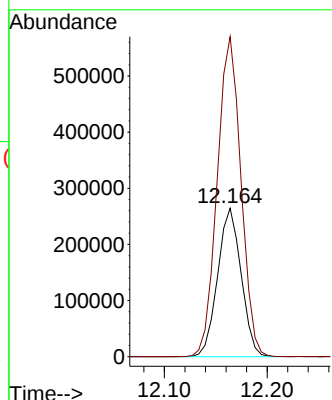
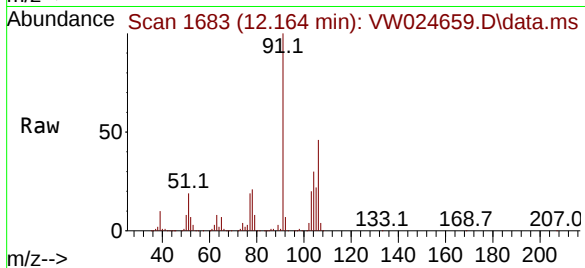
EW807MS

Tgt Ion:106 Resp: 418550

Ion Ratio Lower Upper

106 100

91 215.4 146.3 271.7



#55

Styrene

Concen: 21.912 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW024659.D

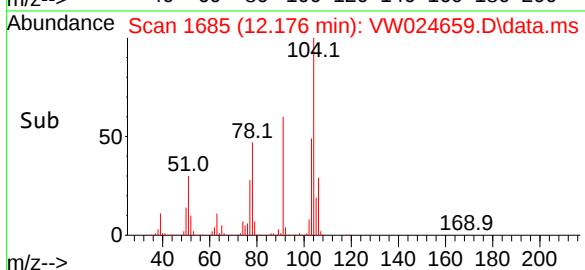
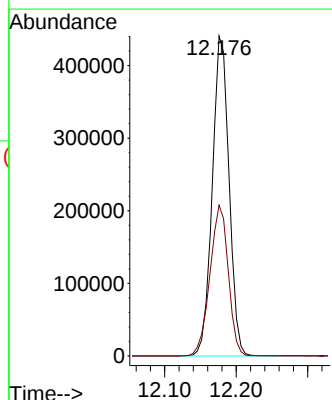
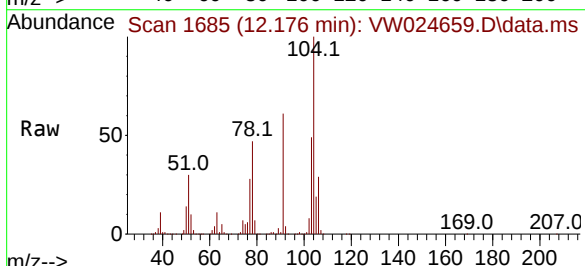
Acq: 28 Sep 2022 15:36

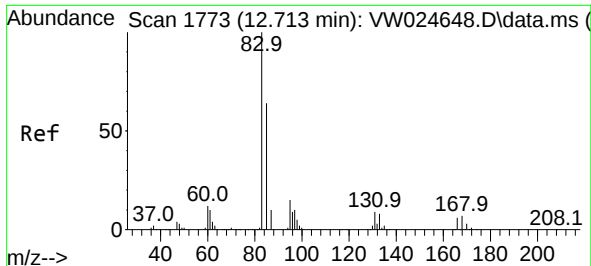
Tgt Ion:104 Resp: 716431

Ion Ratio Lower Upper

104 100

78 47.1 33.5 62.1





#57

1,1,2-Tetrachloroethane

Concen: 22.014 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024659.D

Acq: 28 Sep 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

EW807MS

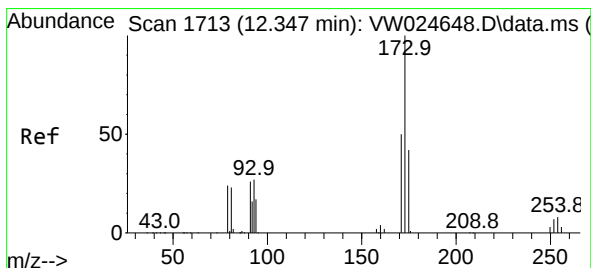
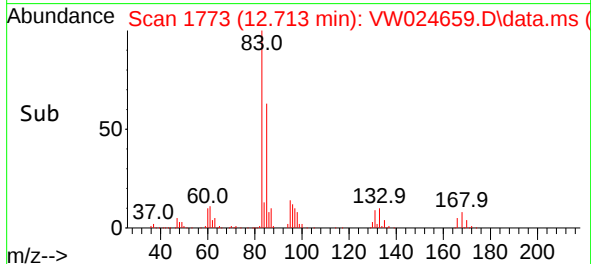
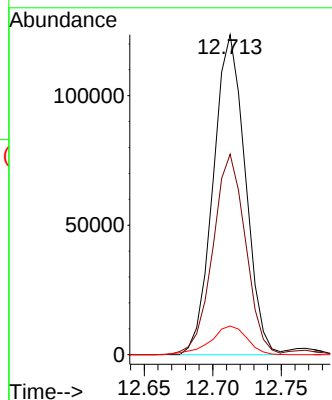
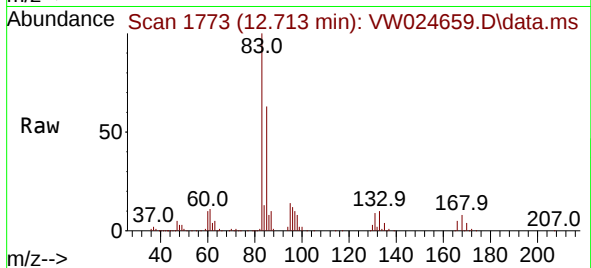
Tgt Ion: 83 Resp: 200975

Ion Ratio Lower Upper

83 100

85 62.6 45.2 84.0

131 8.9 7.3 10.9



#59

Bromoform

Concen: 21.901 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024659.D

Acq: 28 Sep 2022 15:36

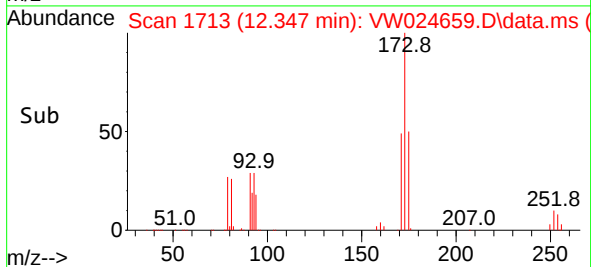
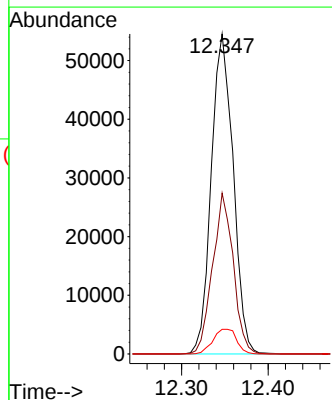
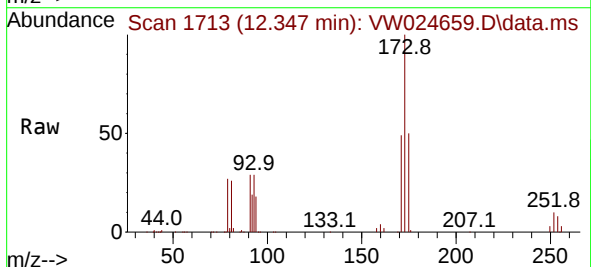
Tgt Ion:173 Resp: 95722

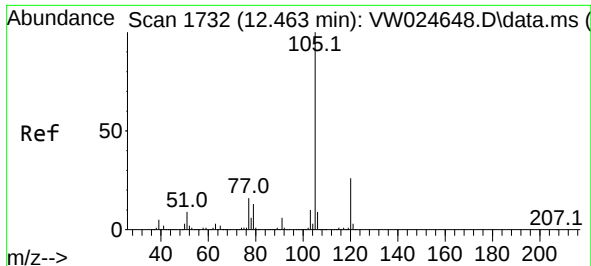
Ion Ratio Lower Upper

173 100

175 47.5 37.7 56.5

254 8.4 6.7 10.1

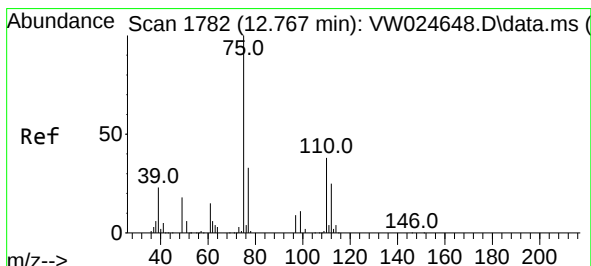
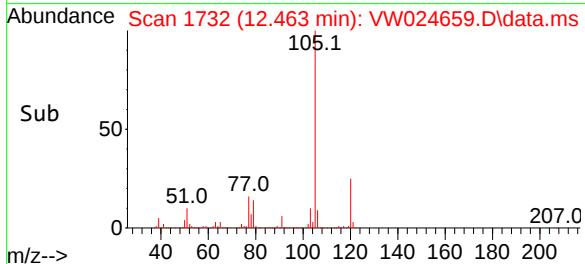
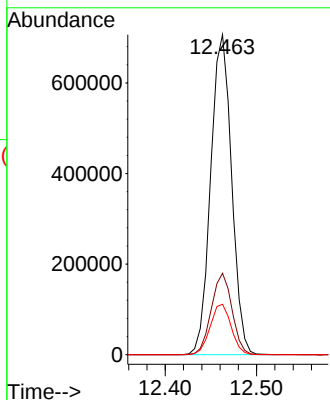
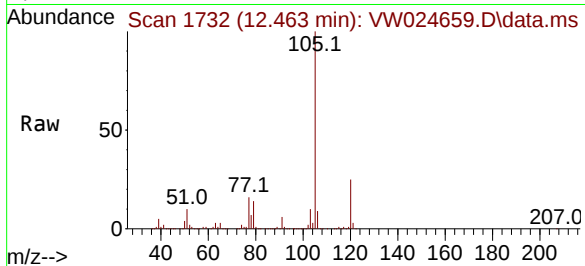




#60
Isopropylbenzene
Concen: 22.294 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024659.D
Acq: 28 Sep 2022 15:36

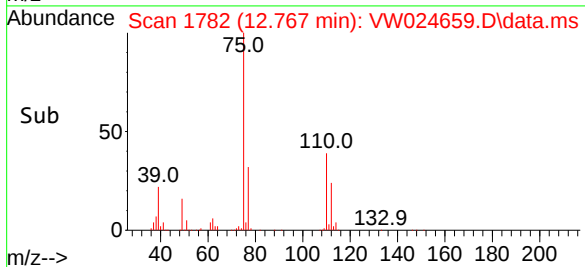
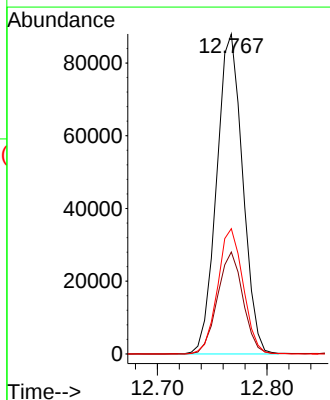
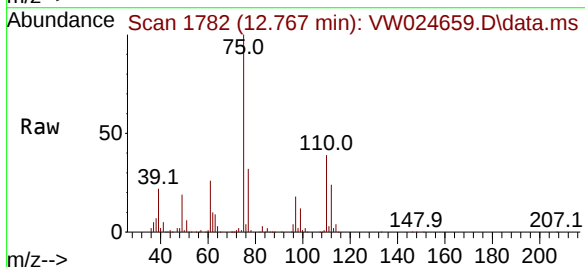
Instrument :
MSVOA_W
ClientSampleId :
EW807MS

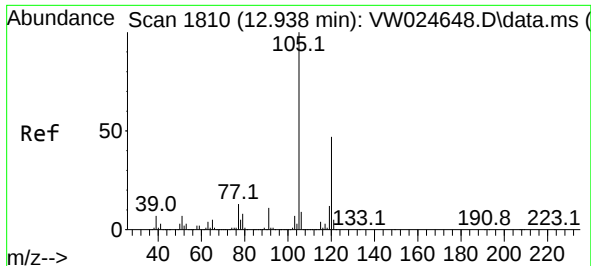
Tgt Ion:105 Resp: 1123513
Ion Ratio Lower Upper
105 100
120 25.2 20.9 31.3
77 15.9 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 21.794 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024659.D
Acq: 28 Sep 2022 15:36

Tgt Ion: 75 Resp: 145162
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.6
110 38.3 29.2 43.8

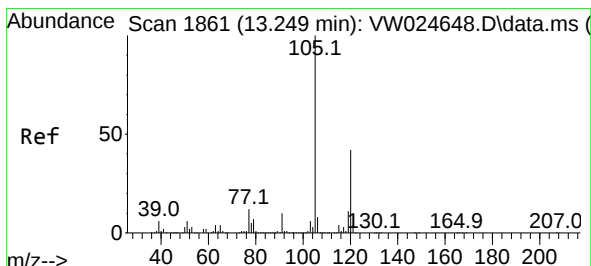
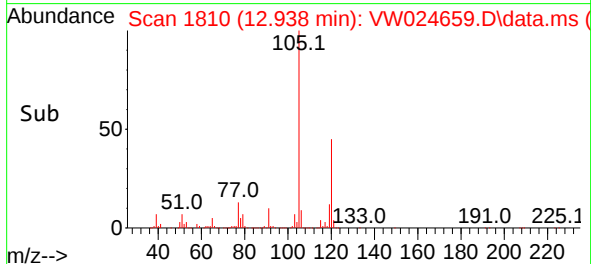
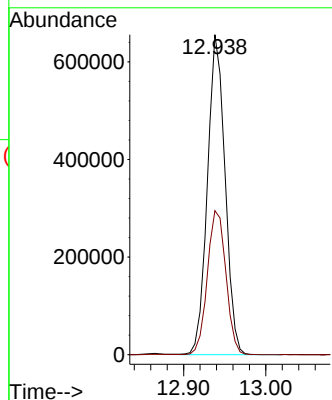
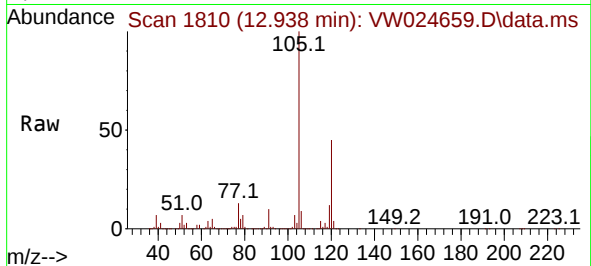




#62
 1,3,5-Trimethylbenzene
 Concen: 22.251 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VW024659.D
 Acq: 28 Sep 2022 15:36

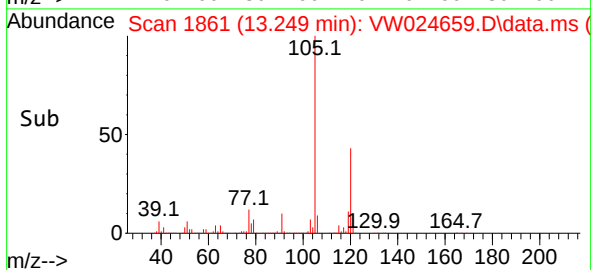
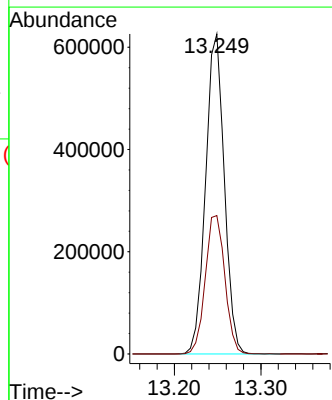
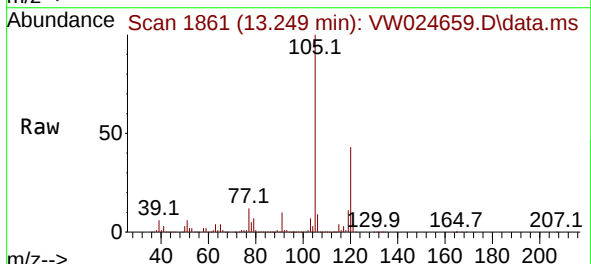
Instrument :
 MSVOA_W
 ClientSampleId :
 EW807MS

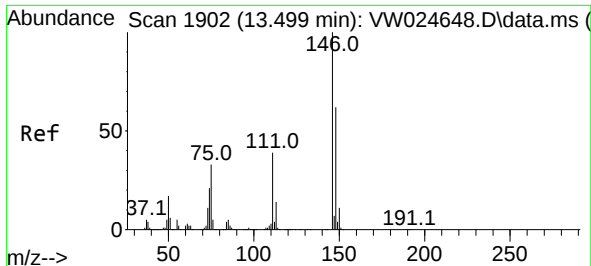
Tgt Ion:105 Resp: 974644
 Ion Ratio Lower Upper
 105 100
 120 47.4 38.8 58.2



#63
 1,2,4-Trimethylbenzene
 Concen: 21.858 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW024659.D
 Acq: 28 Sep 2022 15:36

Tgt Ion:105 Resp: 937939
 Ion Ratio Lower Upper
 105 100
 120 45.3 35.2 52.8





#64

1,3-Dichlorobenzene

Concen: 21.643 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. -0.006 min

Lab File: VW024659.D

Acq: 28 Sep 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

EW807MS

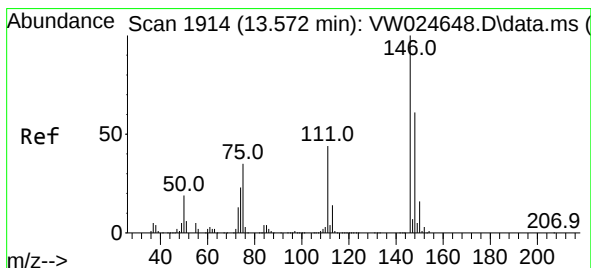
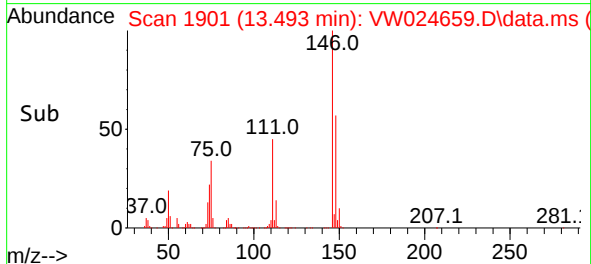
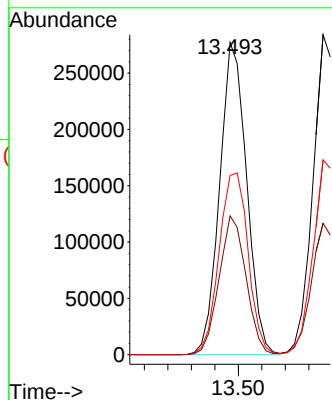
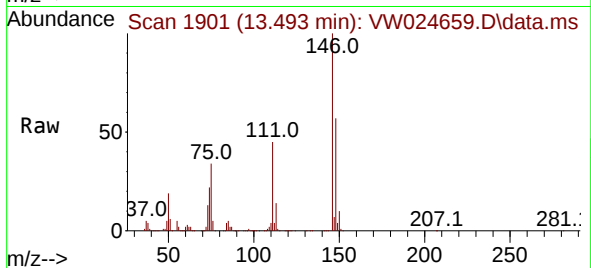
Tgt Ion:146 Resp: 443111

Ion Ratio Lower Upper

146 100

111 44.5 31.6 58.6

148 57.4 38.1 70.9



#65

1,4-Dichlorobenzene

Concen: 22.228 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW024659.D

Acq: 28 Sep 2022 15:36

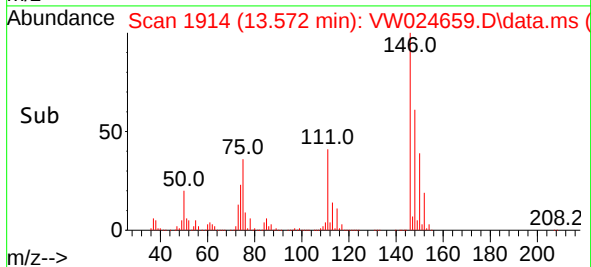
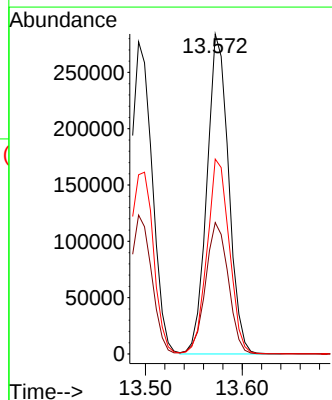
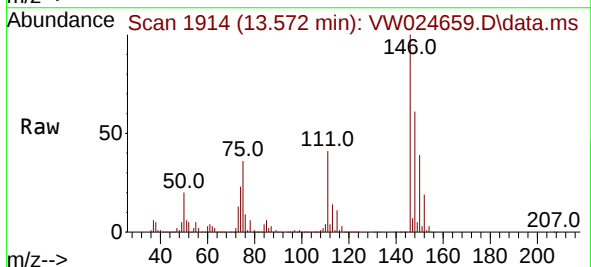
Tgt Ion:146 Resp: 443017

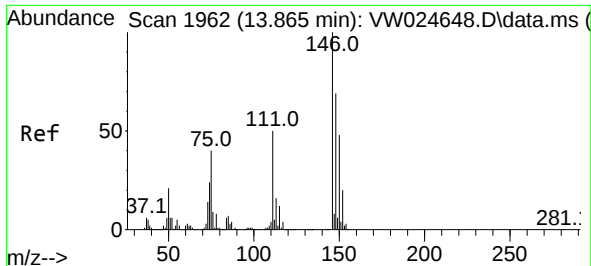
Ion Ratio Lower Upper

146 100

111 41.1 29.4 54.6

148 60.9 39.6 73.6





#67

1,2-Dichlorobenzene

Concen: 21.514 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024659.D

Acq: 28 Sep 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

EW807MS

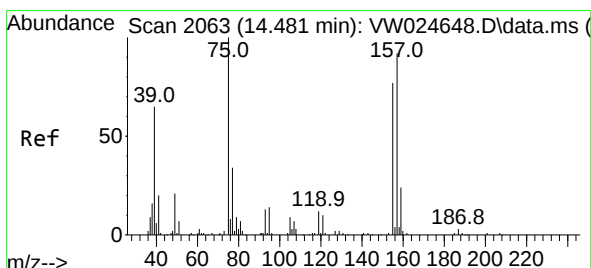
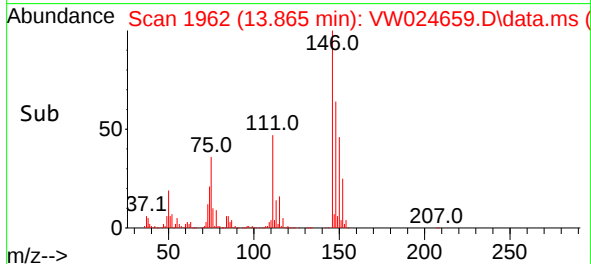
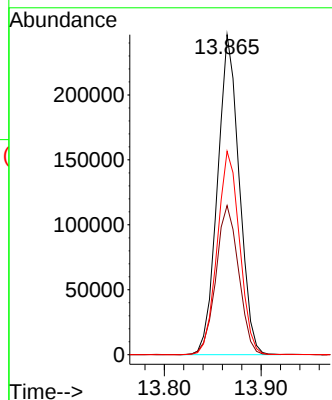
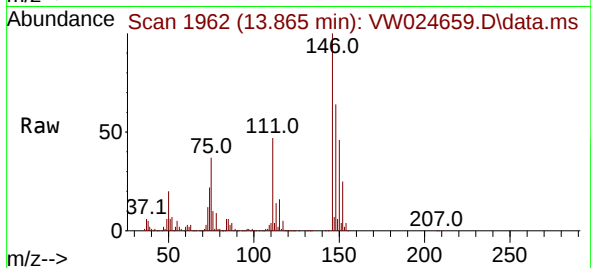
Tgt Ion:146 Resp: 383657

Ion Ratio Lower Upper

146 100

111 46.6 37.2 55.8

148 63.5 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 21.180 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024659.D

Acq: 28 Sep 2022 15:36

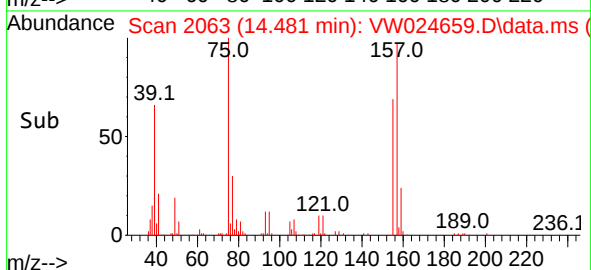
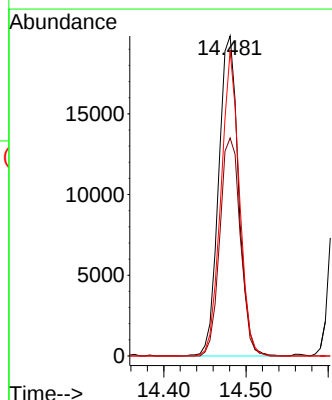
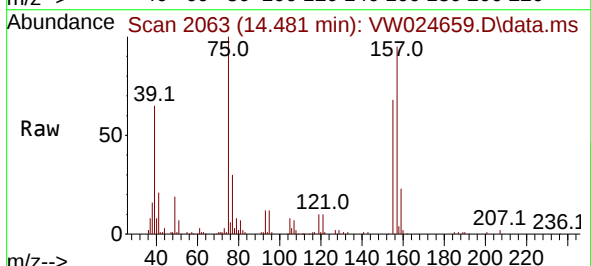
Tgt Ion: 75 Resp: 33360

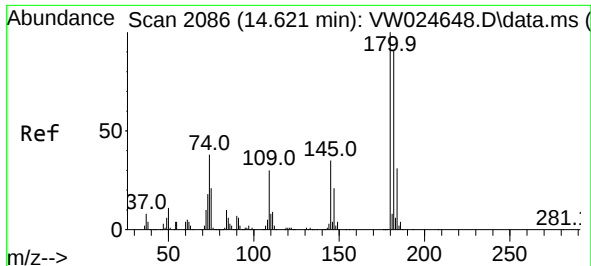
Ion Ratio Lower Upper

75 100

155 68.1 57.6 86.4

157 95.4 73.0 109.6





#69

1,3,5-Trichlorobenzene

Concen: 21.788 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.000 min

Lab File: VW024659.D

Acq: 28 Sep 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

EW807MS

Tgt Ion:180 Resp: 296187

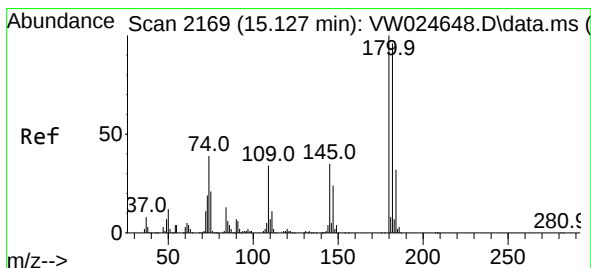
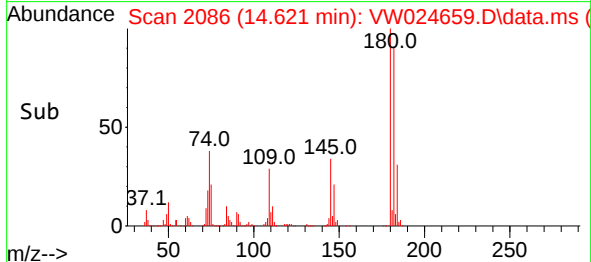
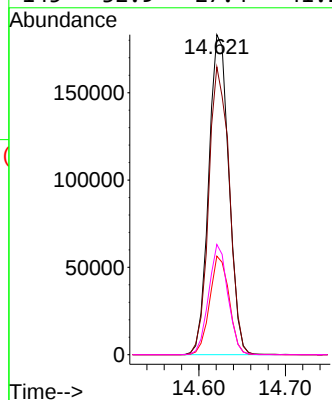
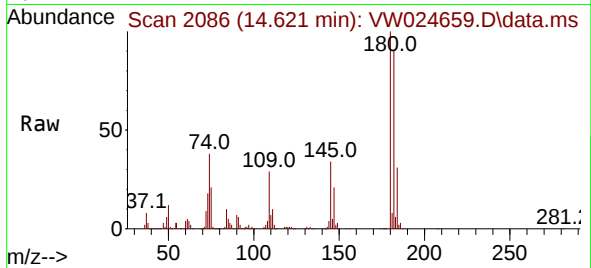
Ion Ratio Lower Upper

180 100

182 91.9 77.1 115.7

184 29.7 23.3 34.9

145 32.9 27.4 41.2



#70

1,2,4-trichlorobenzene

Concen: 20.967 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024659.D

Acq: 28 Sep 2022 15:36

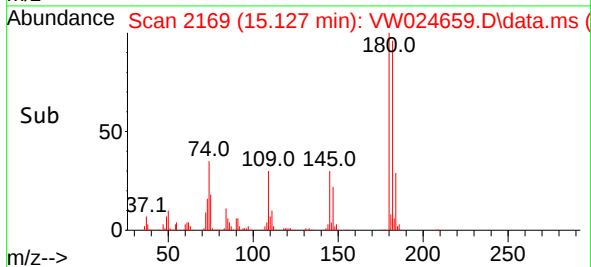
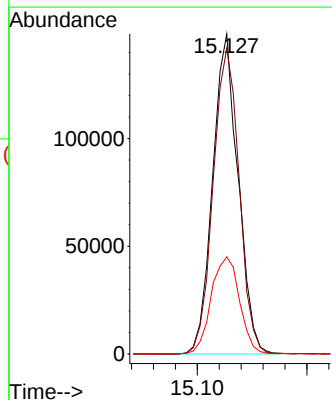
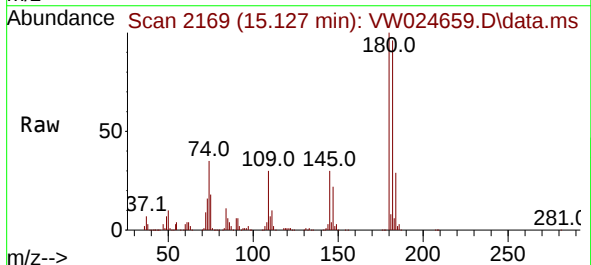
Tgt Ion:180 Resp: 239455

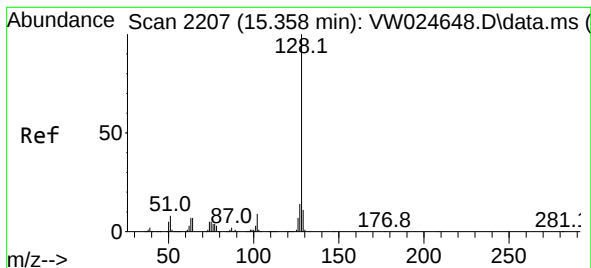
Ion Ratio Lower Upper

180 100

182 97.6 76.8 115.2

145 33.7 29.0 43.4





#71

Naphthalene

Concen: 20.782 ug/L

RT: 15.358 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW024659.D

Acq: 28 Sep 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

EW807MS

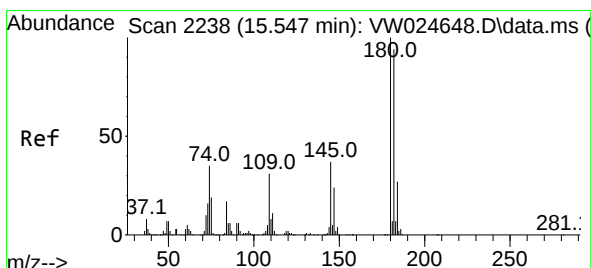
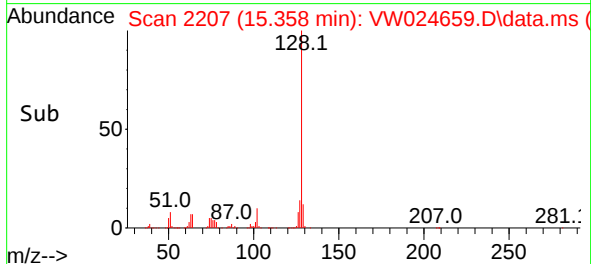
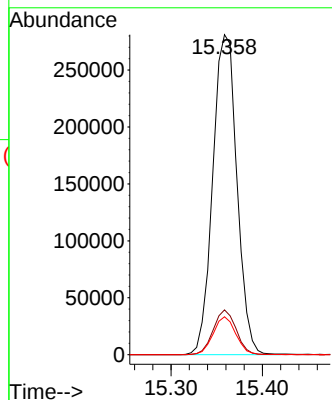
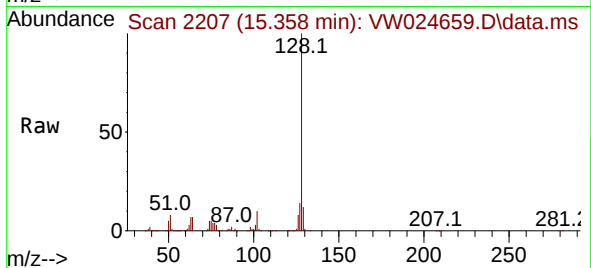
Tgt Ion:128 Resp: 516781

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 11.2 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 21.079 ug/L

RT: 15.547 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW024659.D

Acq: 28 Sep 2022 15:36

Tgt Ion:180 Resp: 204880

Ion Ratio Lower Upper

180 100

182 92.8 77.4 116.2

145 35.3 30.6 45.8

