

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051122\
 Data File : VW022972.D
 Acq On : 11 May 2022 11:41
 Operator : SY/VA
 Sample : N2766-03MSDRE
 Misc : 7.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4F3REMSD

Quant Time: May 12 01:09:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 12 01:07:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	173898	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	83251	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	14965	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	87991	24.663	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.640%
7) Chloroethane-d5	2.885	69	71306	30.721	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.880%
11) 1,1-Dichloroethene-d2	4.025	63	94139	20.421	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.680%
21) 2-Butanone-d5	7.074	46	65245	96.182	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	192.360%#
24) Chloroform-d	7.653	84	152192	29.872	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	119.480%
26) 1,2-Dichloroethane-d4	8.305	65	90029	32.219	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.880%
32) Benzene-d6	8.275	84	250679	52.241	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	208.960%#
36) 1,2-Dichloropropane-d6	9.274	67	90596	67.212	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	268.840%#
41) Toluene-d8	10.323	98	155443	33.534	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	134.120%#
43) trans-1,3-Dichloroprop...	10.579	79	19968	32.173	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	128.680%
47) 2-Hexanone-d5	10.920	63	42836	166.472	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	332.940%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	90370	71.930	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	287.720%#
66) 1,2-Dichlorobenzene-d4	13.853	152	19399	37.083	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	148.320%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	21039	22.194	ug/L	97
3) Chloromethane	2.215	50	61199	33.408	ug/L	96
5) Vinyl chloride	2.361	62	103699	28.207	ug/L	100
6) Bromomethane	2.776	94	67483	28.589	ug/L	99
8) Chloroethane	2.922	64	54789	30.899	ug/L	98
9) Trichlorofluoromethane	3.263	101	45851	27.287	ug/L	96
12) 1,1-Dichloroethene	4.044	96	48063	21.579	ug/L	80
13) Acetone	4.123	43	49727	97.913	ug/L	98
14) Carbon disulfide	4.385	76	92160	15.093	ug/L	96
15) Methyl Acetate	4.678	43	37697	36.947	ug/L	100
16) Methylene chloride	4.915	84	77143	30.317	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	50320	20.076	ug/L	96
18) Methyl tert-butyl Ether	5.421	73	152452	39.844	ug/L #	90
19) 1,1-Dichloroethane	6.220	63	125113	29.452	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	64285	23.879	ug/L #	94
22) 2-Butanone	7.171	43	56567	79.643	ug/L	100
23) Bromochloromethane	7.513	128	37449	29.703	ug/L	91
25) Chloroform	7.677	83	135256	28.795	ug/L	98
27) 1,2-Dichloroethane	8.397	62	90688	28.963	ug/L	99

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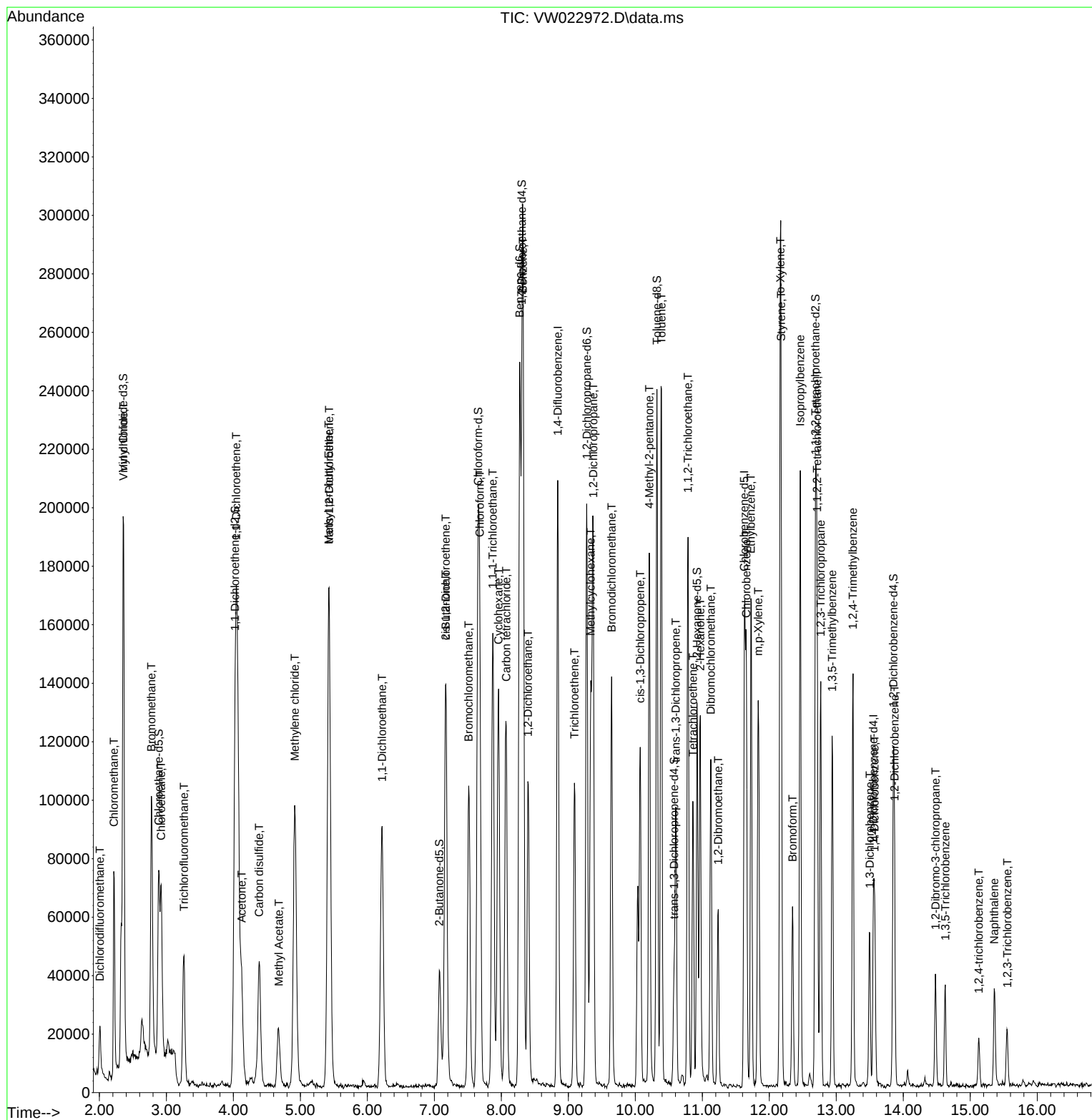
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.958	56	67139	37.290	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	123728	62.890	ug/L	100
31) Carbon tetrachloride	8.073	117	94462	51.329	ug/L	100
33) Benzene	8.323	78	242011	49.346	ug/L	100
34) Trichloroethene	9.092	95	34862	25.847	ug/L	99
35) Methylcyclohexane	9.335	83	53281	24.047	ug/L	98
37) 1,2-Dichloropropane	9.372	63	69274	58.369	ug/L	98
38) Bromodichloromethane	9.646	83	87764	52.062	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	65803	35.757	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	112915	150.944	ug/L	99
42) Toluene	10.390	91	174954	31.831	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	49300	30.014	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	56986	57.437	ug/L	98
46) Tetrachloroethene	10.860	164	20654	20.377	ug/L	85
48) 2-Hexanone	10.969	43	77657	155.370	ug/L	99
49) Dibromochloromethane	11.128	129	55840	46.763	ug/L	96
50) 1,2-Dibromoethane	11.237	107	39145	39.292	ug/L #	97
51) Chlorobenzene	11.658	112	74511	20.563	ug/L	95
52) Ethylbenzene	11.725	91	116794	19.100	ug/L	99
53) m,p-Xylene	11.835	106	45549	18.905	ug/L	96
54) o-Xylene	12.164	106	68053	29.434	ug/L	91
55) Styrene	12.176	104	63161	16.077	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	74625	60.219	ug/L	99
59) Bromoform	12.347	173	25104	118.370	ug/L	99
60) Isopropylbenzene	12.463	105	127743	62.310	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	53391	178.556	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	63652	55.807	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	74291	43.379	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	20483	22.378	ug/L	90
65) 1,4-Dichlorobenzene	13.572	146	19126	20.230	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	28547	34.082	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	8798	134.630	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	9392	15.458	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	4315	8.829	ug/L	95
71) Naphthalene	15.359	128	27676	26.053	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	5772	13.325	ug/L	97

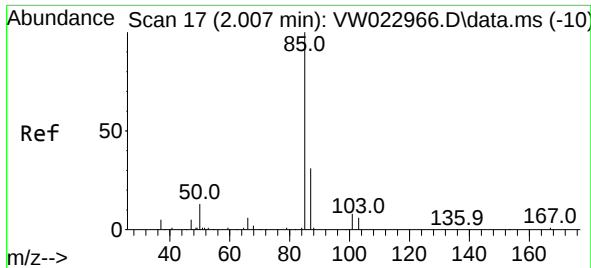
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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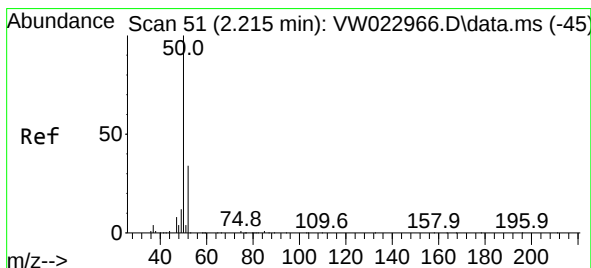
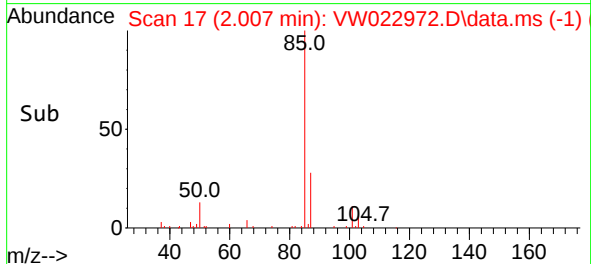
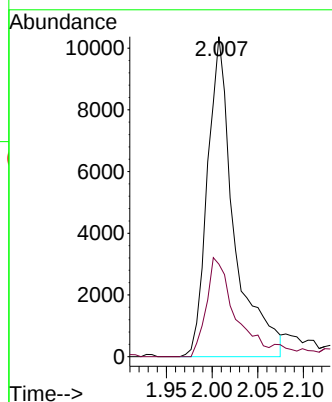
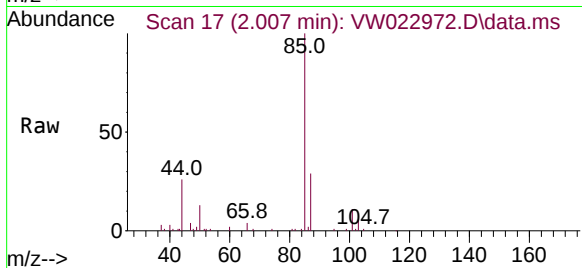




#2
 Dichlorodifluoromethane
 Concen: 22.194 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022972.D
 Acq: 11 May 2022 11:41

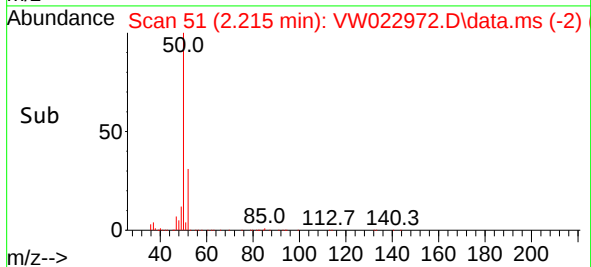
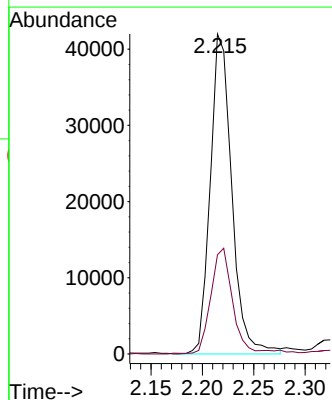
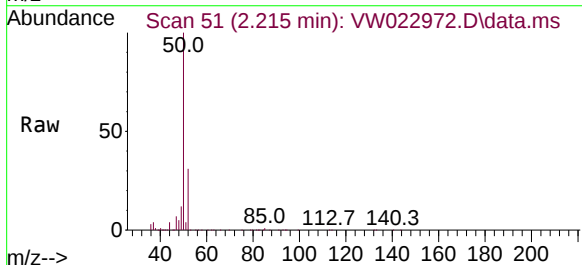
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 ClientSampleId :
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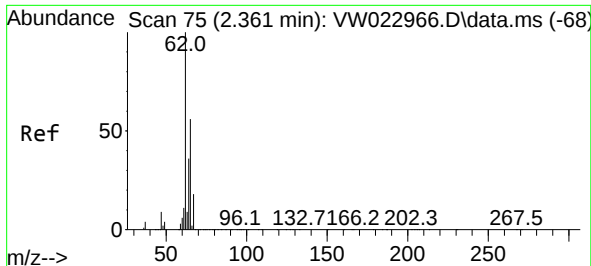
Tgt Ion: 85 Resp: 21039
 Ion Ratio Lower Upper
 85 100
 87 32.9 27.8 41.8



#3
 Chloromethane
 Concen: 33.408 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW022972.D
 Acq: 11 May 2022 11:41

Tgt Ion: 50 Resp: 61199
 Ion Ratio Lower Upper
 50 100
 52 31.0 23.1 42.9

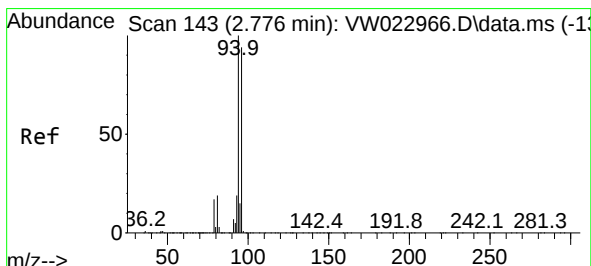
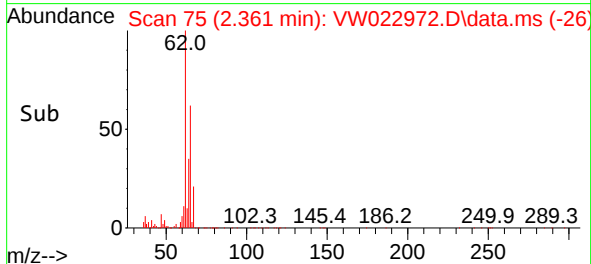
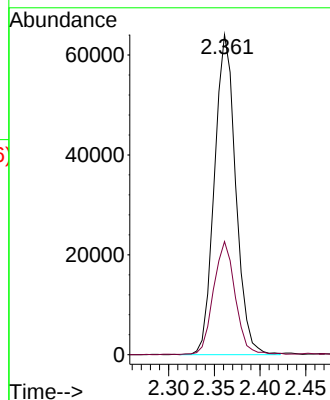
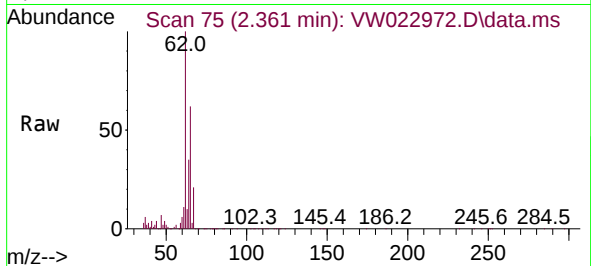




#5
 Vinyl chloride
 Concen: 28.207 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022972.D
 Acq: 11 May 2022 11:41

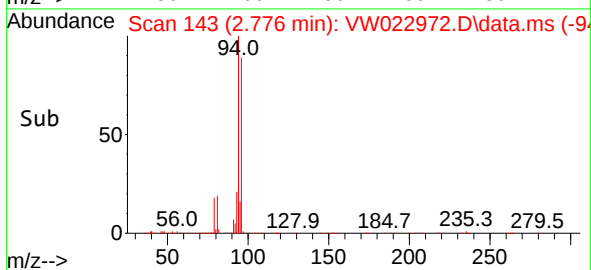
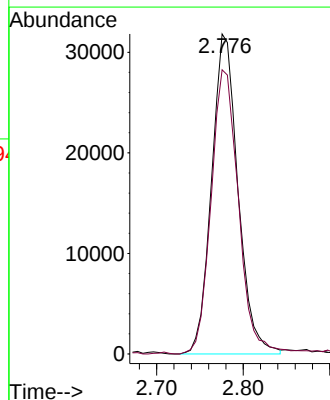
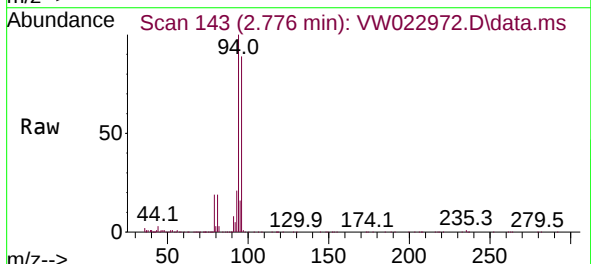
Instrument :
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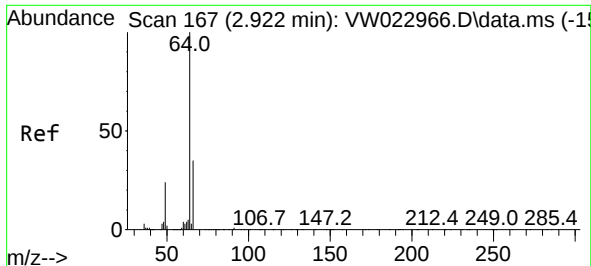
Tgt Ion: 62 Resp: 103699
 Ion Ratio Lower Upper
 62 100
 64 35.3 24.9 46.3



#6
 Bromomethane
 Concen: 28.589 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW022972.D
 Acq: 11 May 2022 11:41

Tgt Ion: 94 Resp: 67483
 Ion Ratio Lower Upper
 94 100
 96 88.8 61.7 114.5

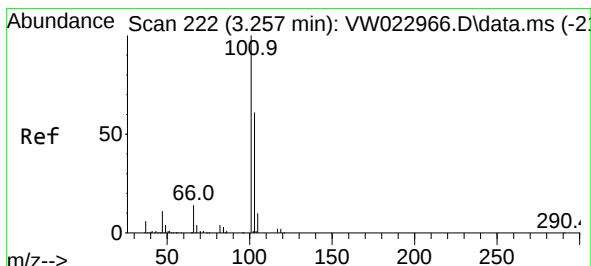
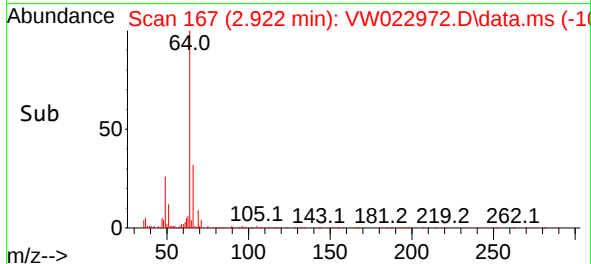
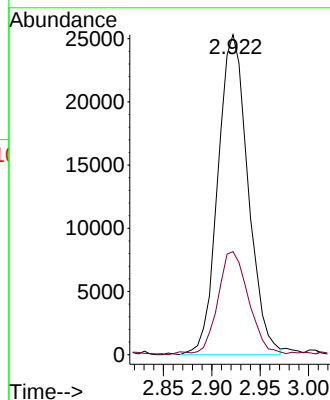
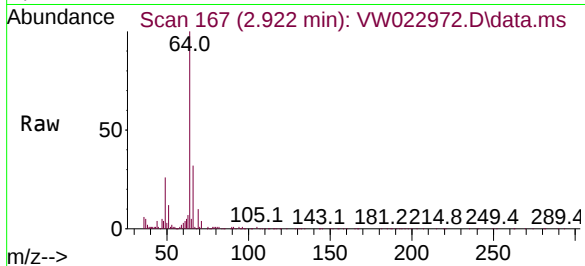




#8
Chloroethane
Concen: 30.899 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW022972.D
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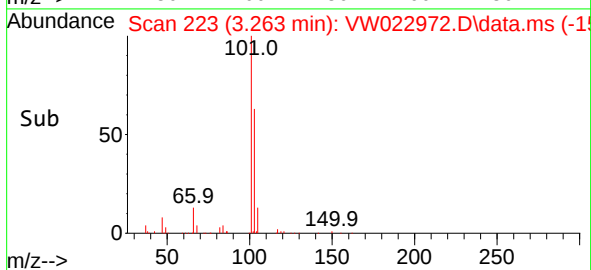
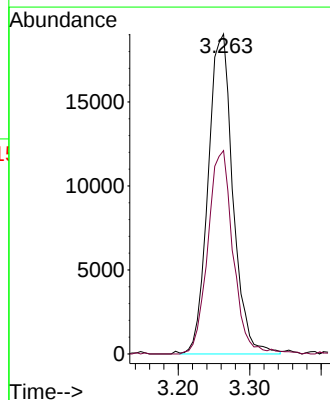
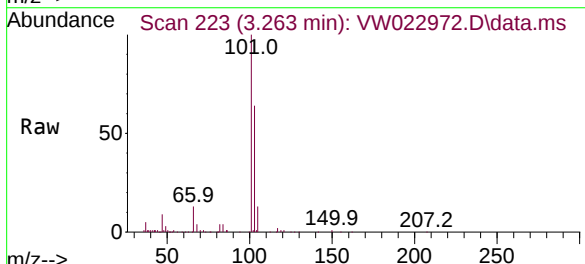
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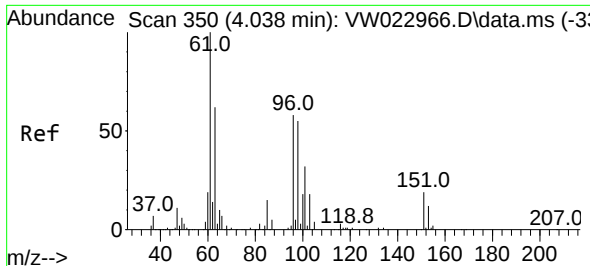
Tgt Ion: 64 Resp: 54789
Ion Ratio Lower Upper
64 100
66 32.2 23.4 43.6



#9
Trichlorofluoromethane
Concen: 27.287 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

Tgt Ion: 101 Resp: 45851
Ion Ratio Lower Upper
101 100
103 64.0 53.9 80.9

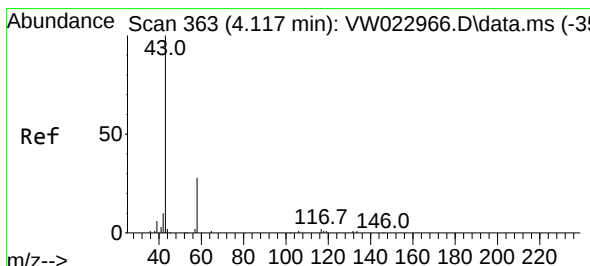
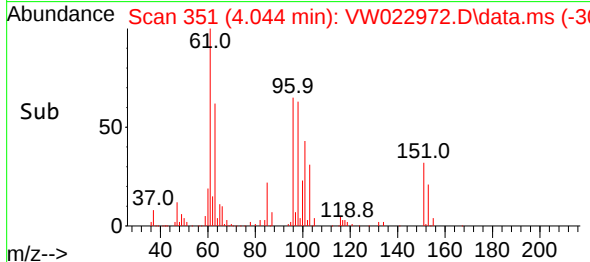
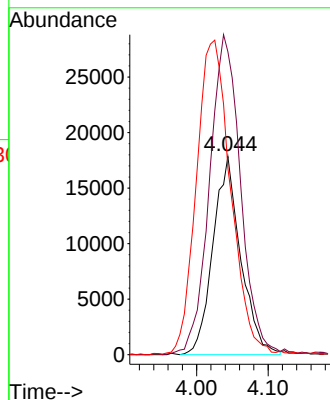
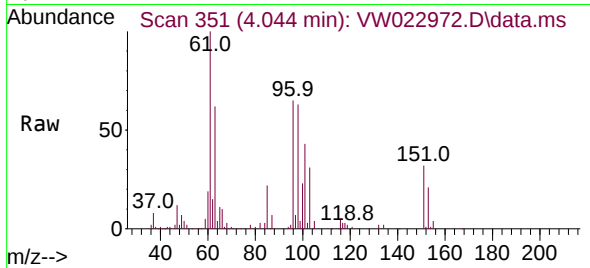




#12
1,1-Dichloroethene
Concen: 21.579 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

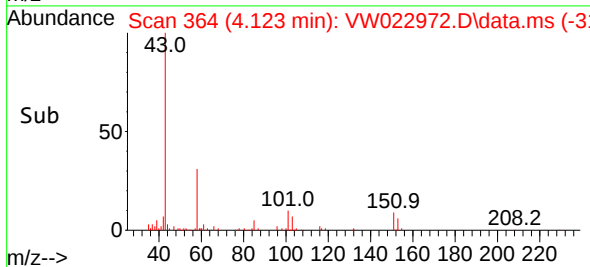
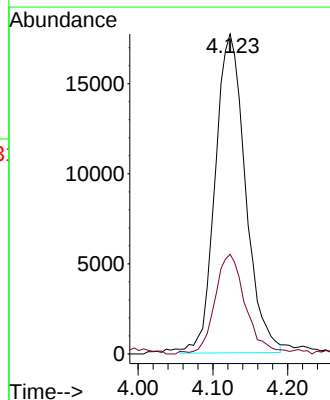
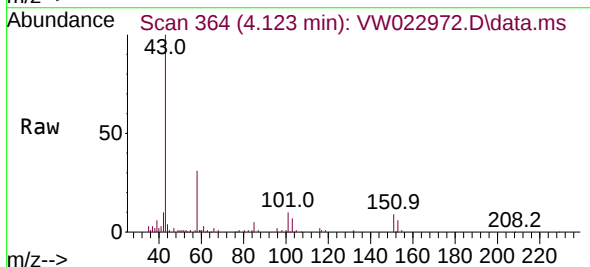
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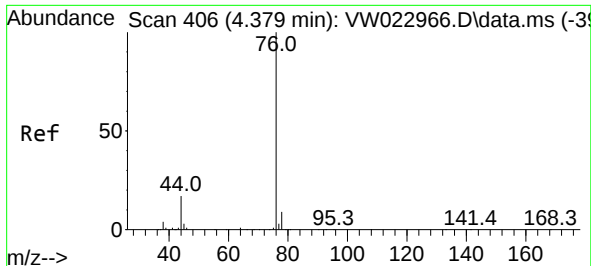
Tgt Ion: 96 Resp: 48063
Ion Ratio Lower Upper
96 100
61 152.8 125.7 233.5
63 94.1 83.4 155.0



#13
Acetone
Concen: 97.913 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
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Tgt Ion: 43 Resp: 49727
Ion Ratio Lower Upper
43 100
58 30.7 0.0 64.0

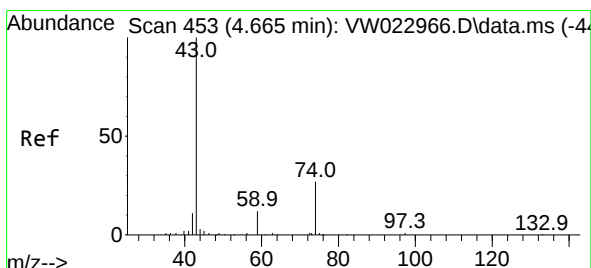
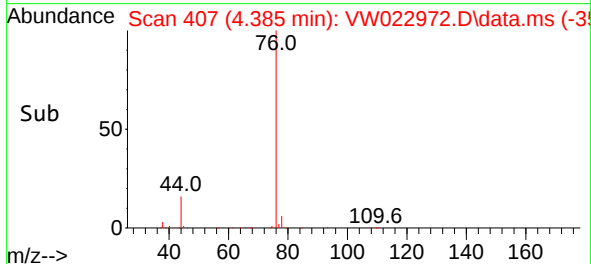
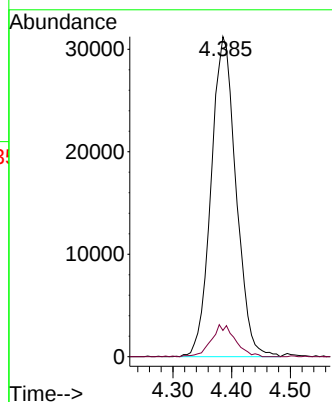
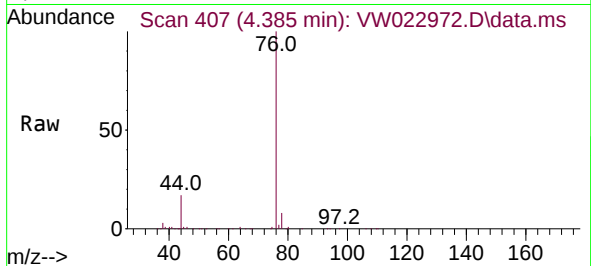




#14
Carbon disulfide
Concen: 15.093 ug/L
RT: 4.385 min Scan# 406
Delta R.T. 0.006 min
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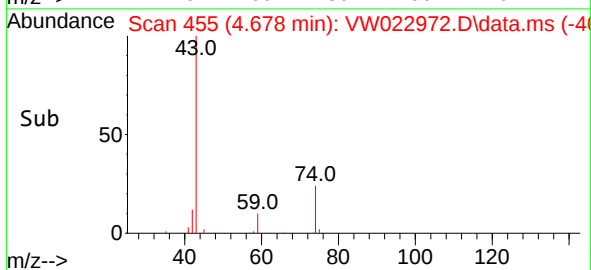
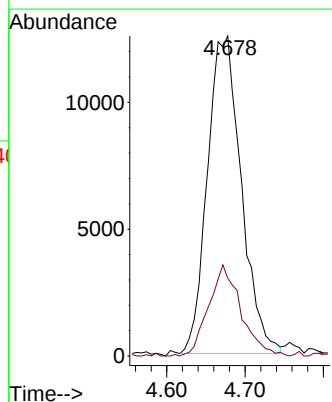
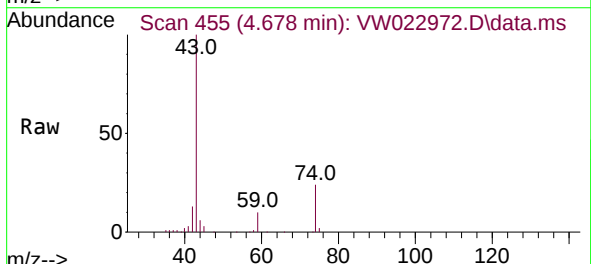
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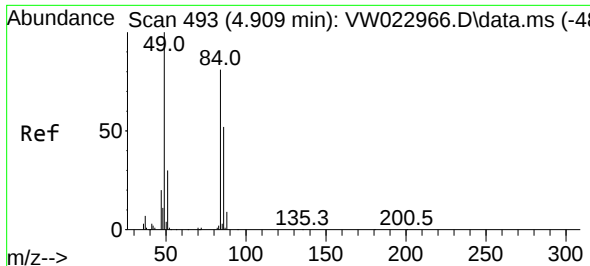
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Ion Ratio Lower Upper
76 100
78 8.2 7.7 11.5



#15
Methyl Acetate
Concen: 36.947 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.012 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

Tgt Ion: 43 Resp: 37697
Ion Ratio Lower Upper
43 100
74 27.2 21.9 32.9

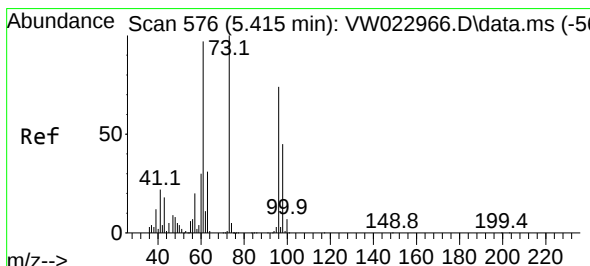
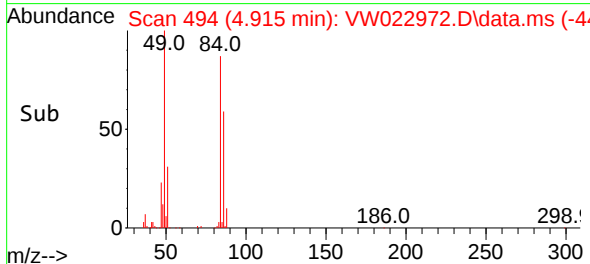
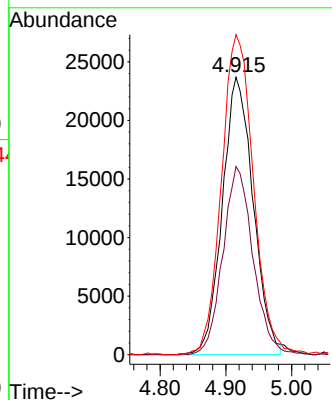
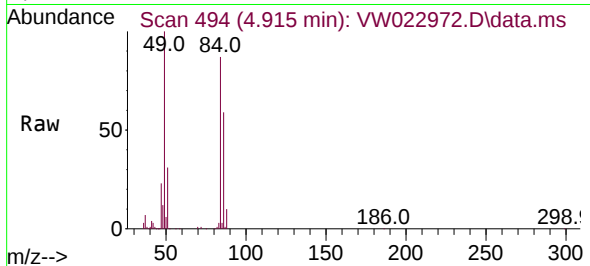




#16
Methylene chloride
Concen: 30.317 ug/L
RT: 4.915 min Scan# 493
Delta R.T. 0.006 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

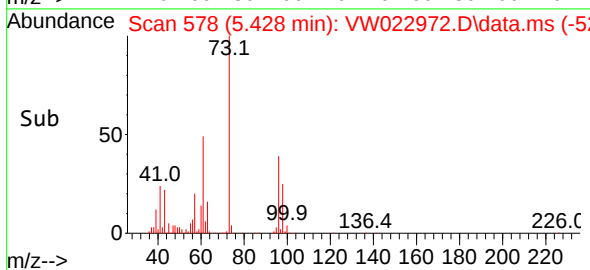
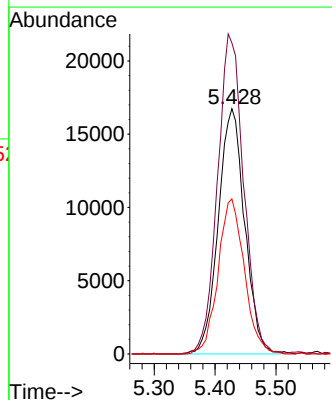
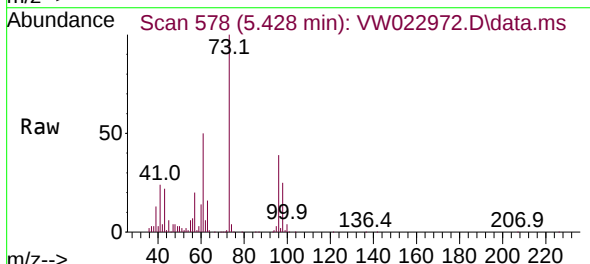
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMSD

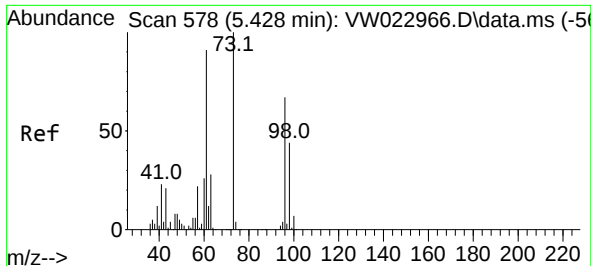
Tgt Ion: 84 Resp: 77143
Ion Ratio Lower Upper
84 100
86 67.9 45.4 84.4
49 115.4 82.5 153.1



#17
trans-1,2-Dichloroethene
Concen: 20.076 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.012 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

Tgt Ion: 96 Resp: 50320
Ion Ratio Lower Upper
96 100
61 126.8 92.2 171.2
98 63.2 42.9 79.7

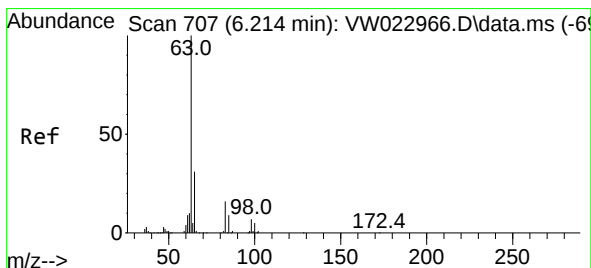
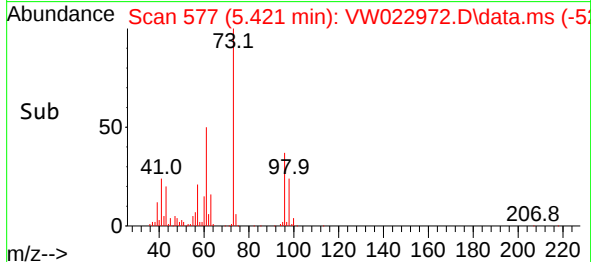
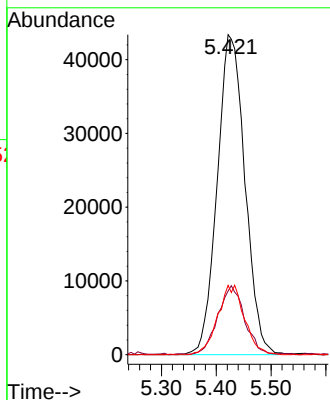
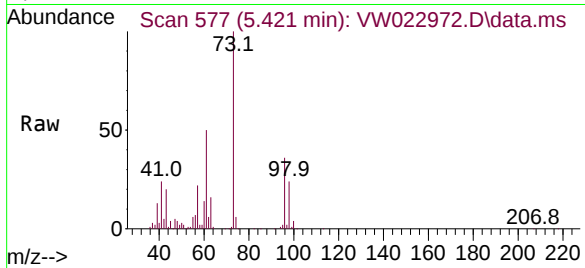




#18
Methyl tert-butyl Ether
Concen: 39.844 ug/L
RT: 5.421 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

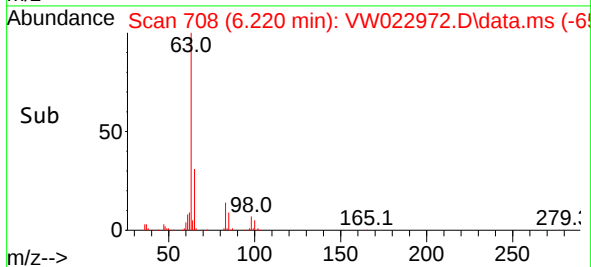
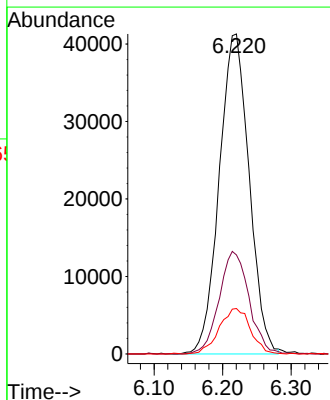
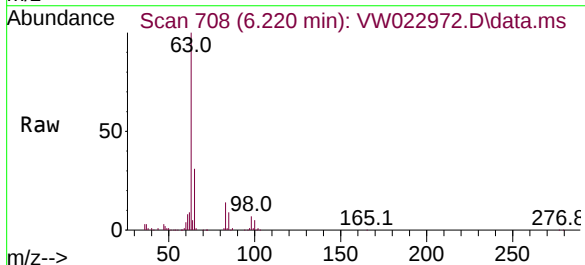
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMSD

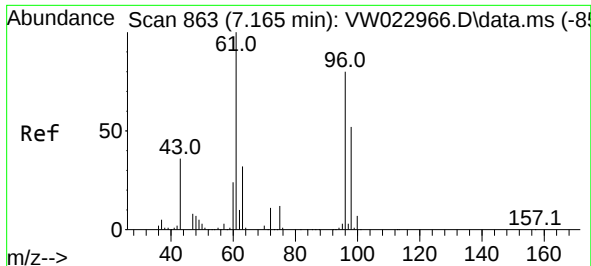
Tgt Ion: 73 Resp: 152452
Ion Ratio Lower Upper
73 100
43 20.5 15.9 23.9
57 11.6 16.5 24.7#



#19
1,1-Dichloroethane
Concen: 29.452 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

Tgt Ion: 63 Resp: 125113
Ion Ratio Lower Upper
63 100
65 30.9 23.3 43.3
83 14.2 11.1 20.5

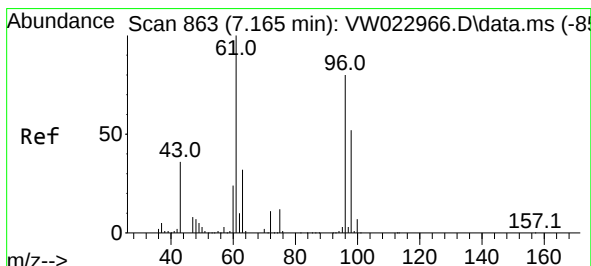
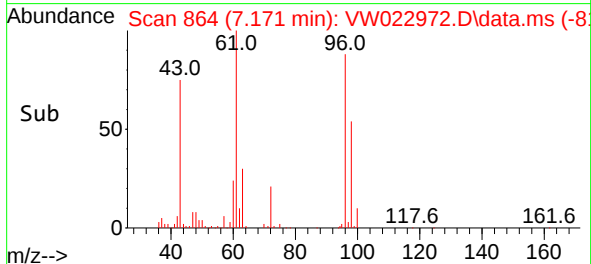
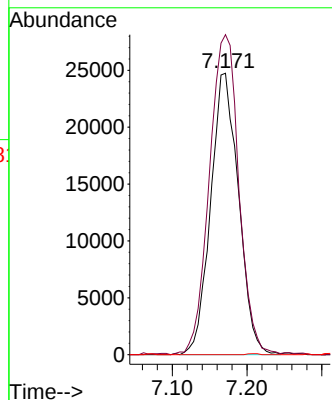
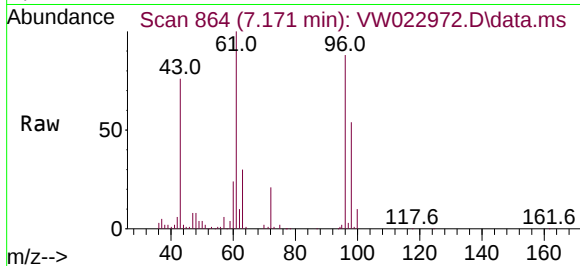




#20
 cis-1,2-Dichloroethene
 Concen: 23.879 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW022972.D
 Acq: 11 May 2022 11:41

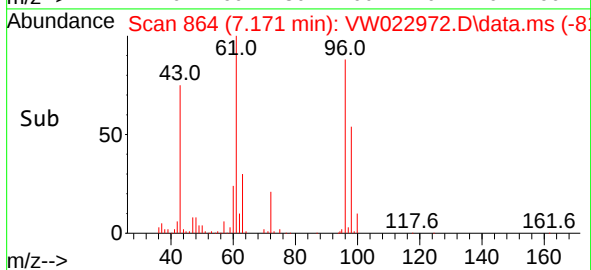
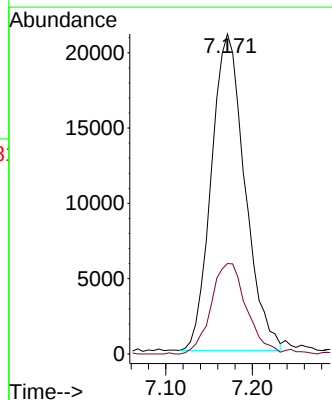
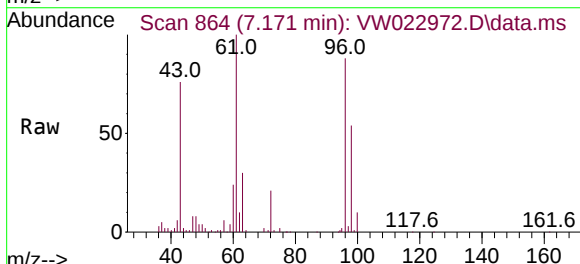
Instrument :
 MSVOA_W
 ClientSampleId :
 EW4F3REMSD

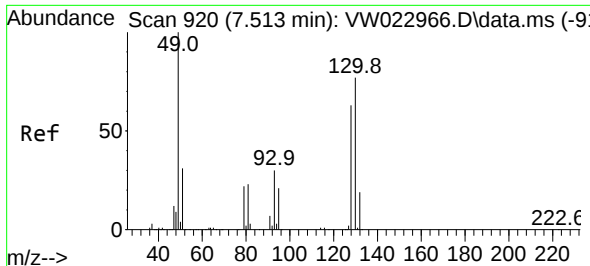
Tgt Ion: 96 Resp: 64285
 Ion Ratio Lower Upper
 96 100
 61 113.7 84.2 156.4
 68 0.0 0.1 0.1#



#22
 2-Butanone
 Concen: 79.643 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW022972.D
 Acq: 11 May 2022 11:41

Tgt Ion: 43 Resp: 56567
 Ion Ratio Lower Upper
 43 100
 72 30.0 15.1 45.3

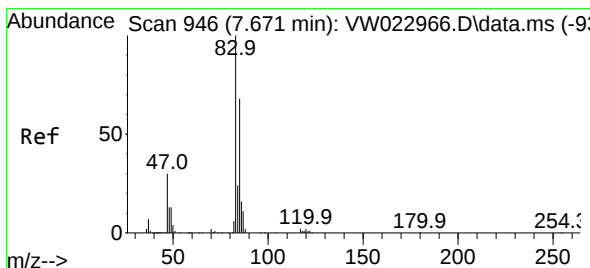
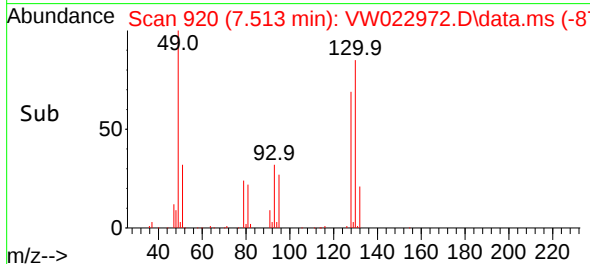
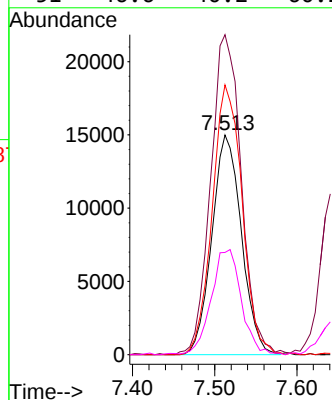
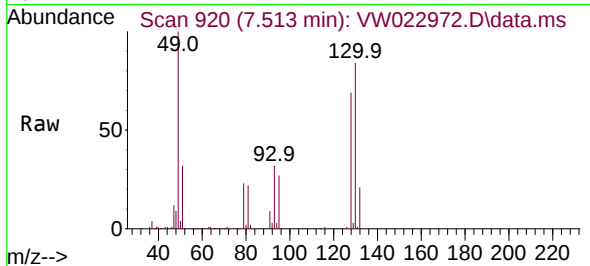




#23
Bromochloromethane
Concen: 29.703 ug/L
RT: 7.513 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

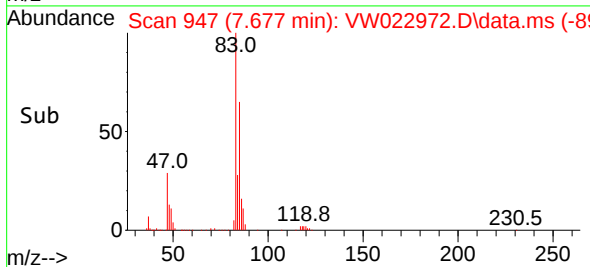
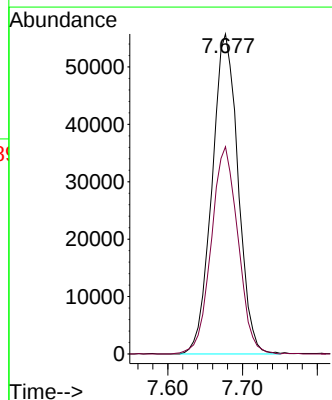
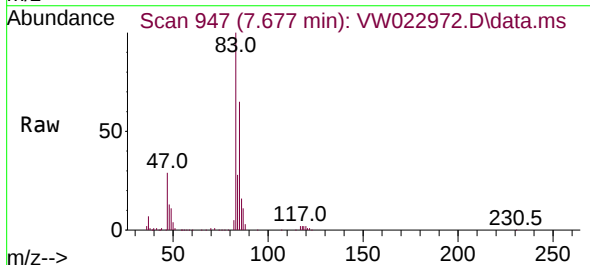
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMSD

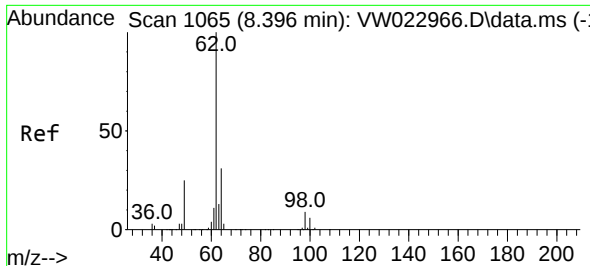
Tgt Ion:128	Resp:	37449
Ion	Ratio	Lower Upper
128	100	
49	145.7	110.0 204.4
130	122.8	94.8 176.0
51	46.6	40.2 60.2



#25
Chloroform
Concen: 28.795 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

Tgt Ion: 83	Resp:	135256
Ion	Ratio	Lower Upper
83	100	
85	64.8	46.6 86.6





#27

1,2-Dichloroethane

Concen: 28.963 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW022972.D

Acq: 11 May 2022 11:41

Instrument :

MSVOA_W

ClientSampleId :

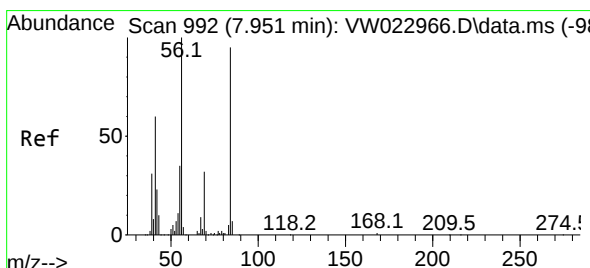
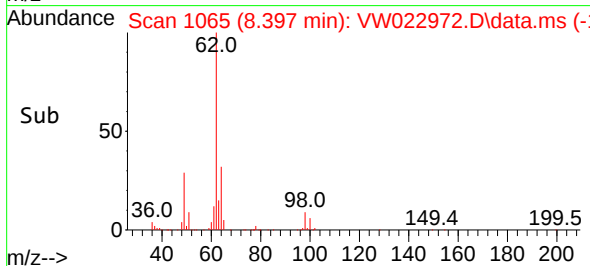
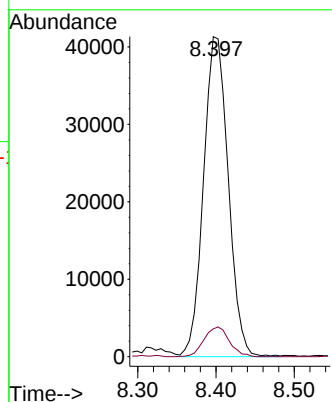
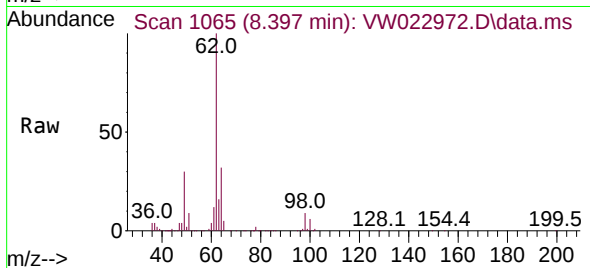
EW4F3REMSD

Tgt Ion: 62 Resp: 90688

Ion Ratio Lower Upper

62 100

98 8.7 7.2 10.8



#29

Cyclohexane

Concen: 37.290 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.006 min

Lab File: VW022972.D

Acq: 11 May 2022 11:41

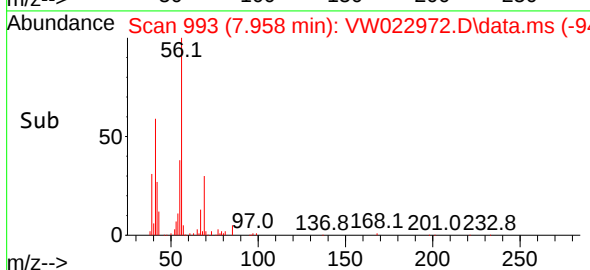
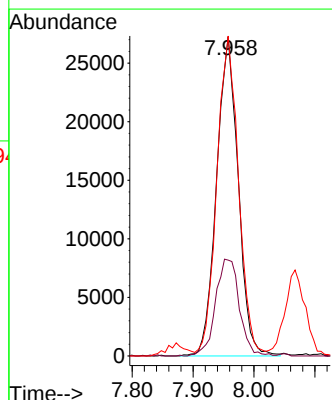
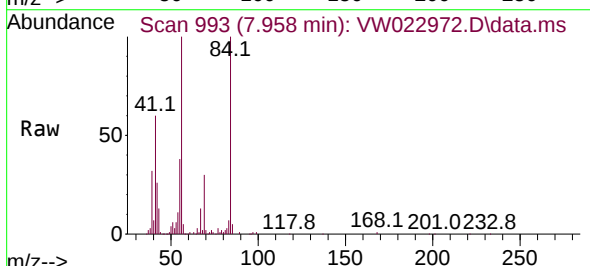
Tgt Ion: 56 Resp: 67139

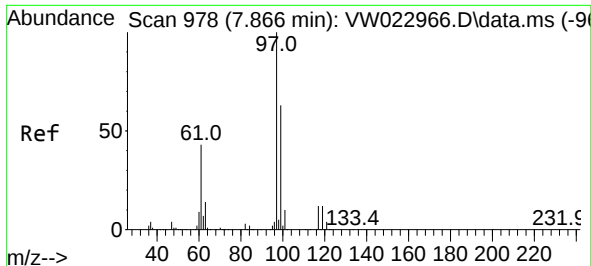
Ion Ratio Lower Upper

56 100

69 33.2 25.6 38.4

84 100.8 78.2 117.4

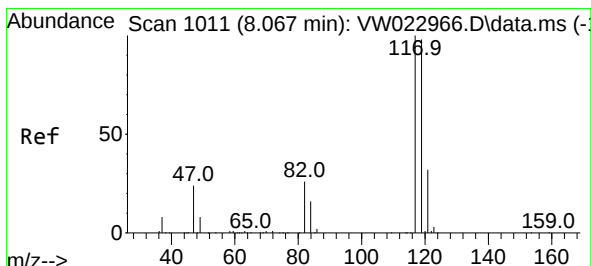
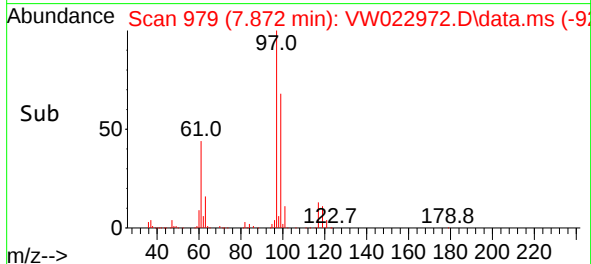
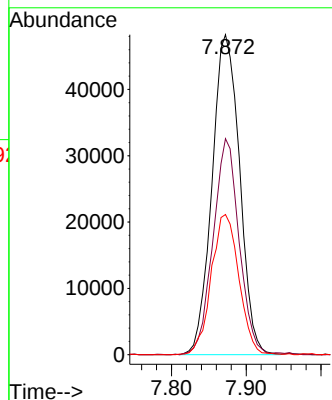
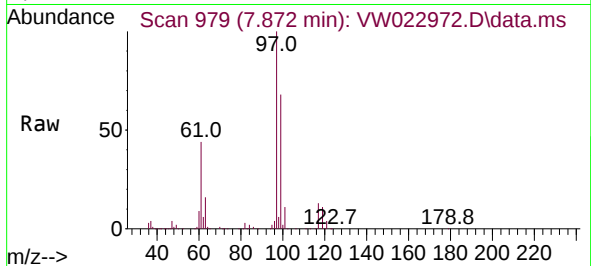




#30
1,1,1-Trichloroethane
Concen: 62.890 ug/L
RT: 7.872 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

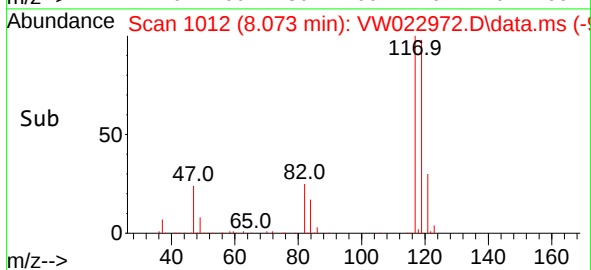
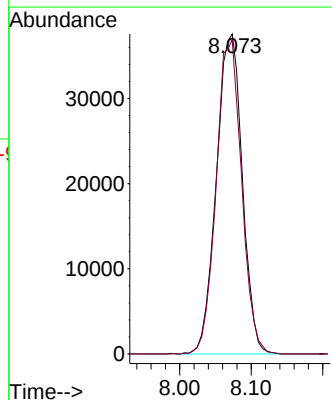
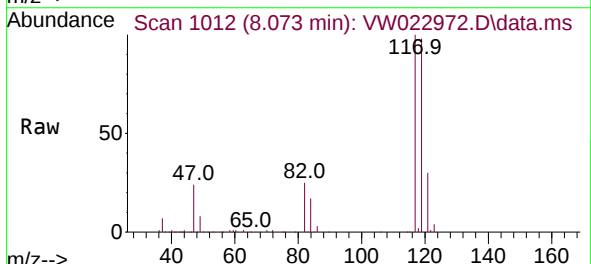
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMSD

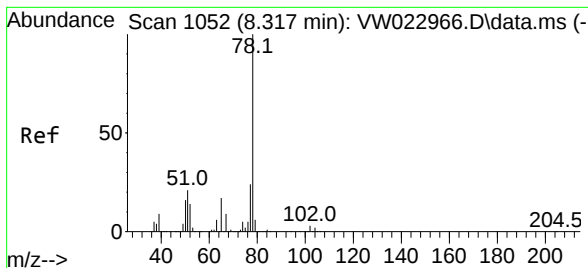
Tgt Ion: 97 Resp: 123728
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.4
61 43.9 34.8 52.2



#31
Carbon tetrachloride
Concen: 51.329 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

Tgt Ion: 117 Resp: 94462
Ion Ratio Lower Upper
117 100
119 96.3 76.6 115.0





#33

Benzene

Concen: 49.346 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VW022972.D

Acq: 11 May 2022 11:41

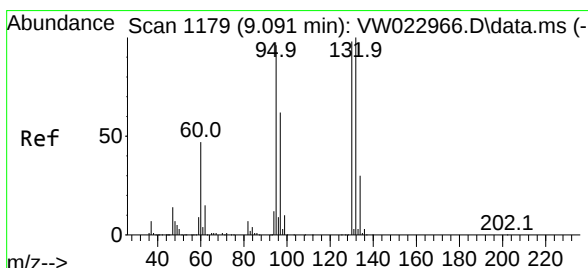
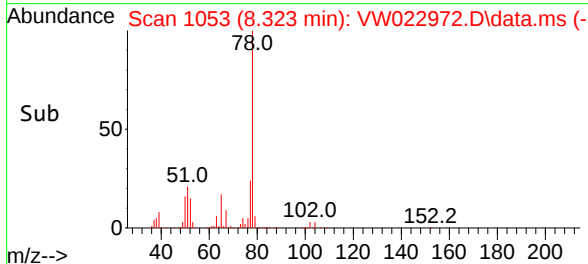
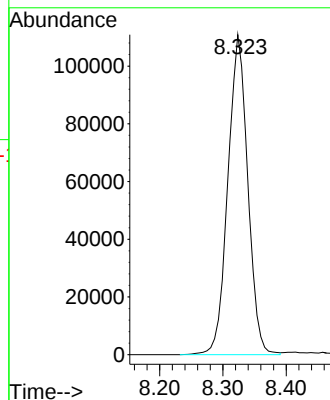
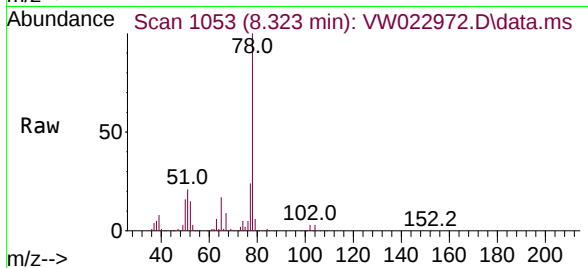
Instrument :

MSVOA_W

ClientSampleId :

EW4F3REMSD

Tgt Ion: 78 Resp: 242011



#34

Trichloroethene

Concen: 25.847 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW022972.D

Acq: 11 May 2022 11:41

Tgt Ion: 95 Resp: 34862

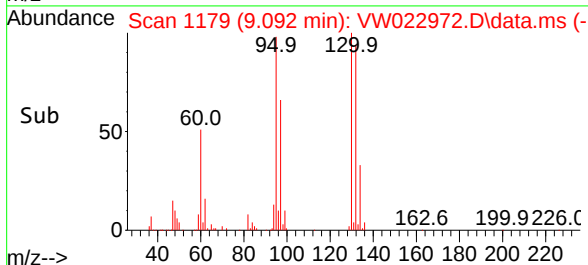
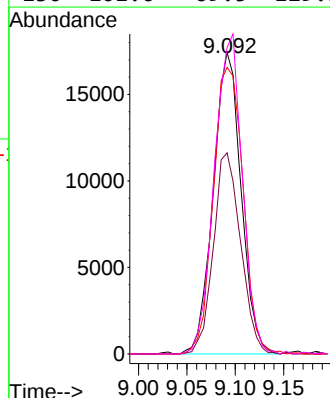
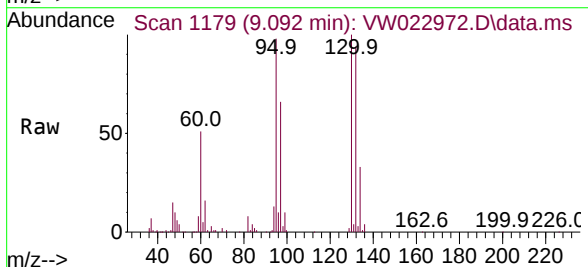
Ion Ratio Lower Upper

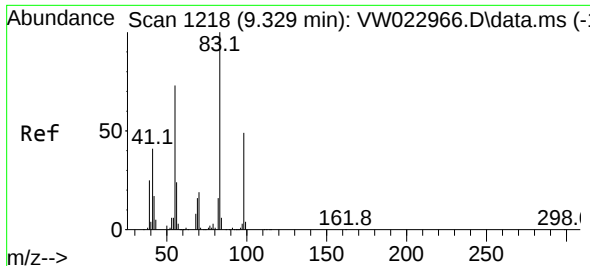
95 100

97 66.7 46.1 85.7

132 95.0 66.9 124.3

130 101.6 69.5 129.1

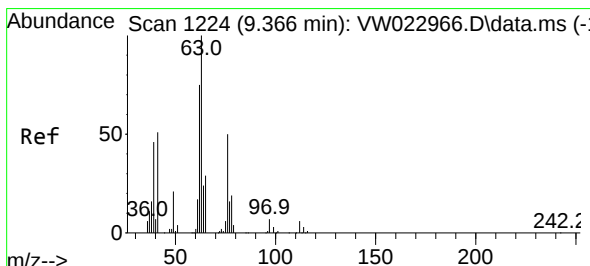
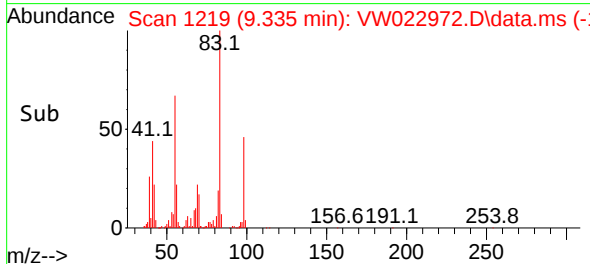
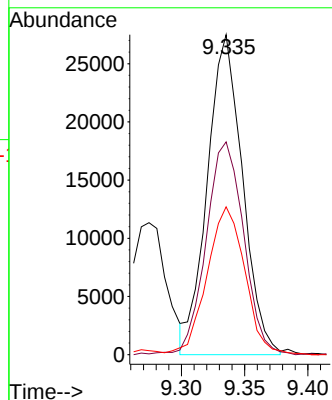
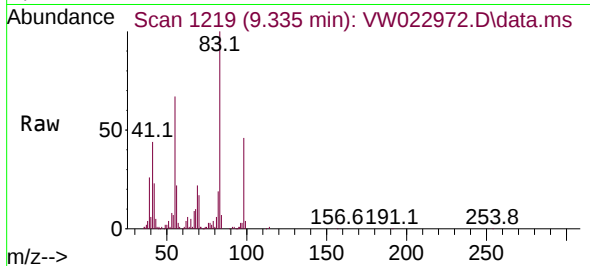




#35
Methylcyclohexane
Concen: 24.047 ug/L
RT: 9.335 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

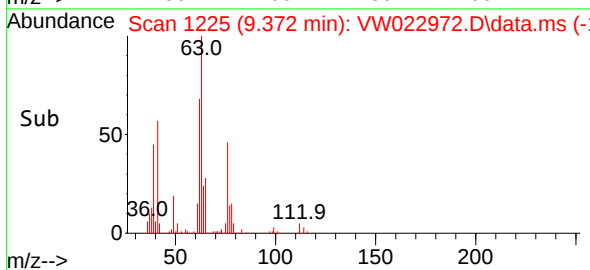
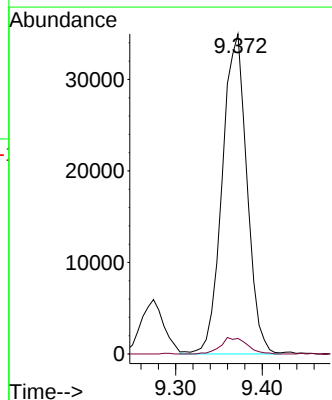
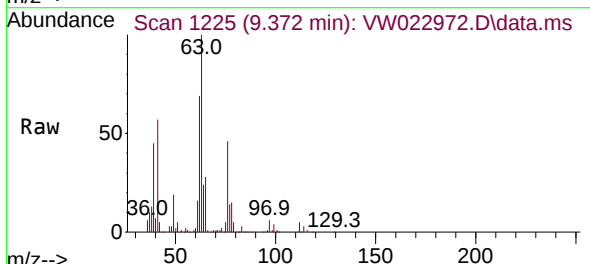
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMSD

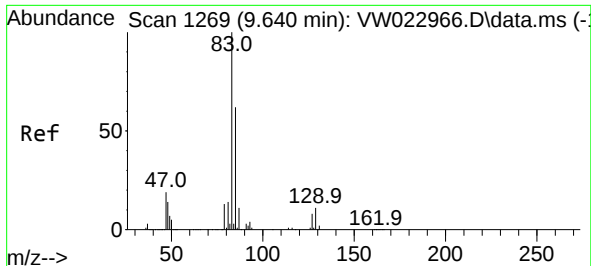
Tgt Ion: 83 Resp: 53281
Ion Ratio Lower Upper
83 100
55 70.5 55.1 82.7
98 49.6 40.4 60.6



#37
1,2-Dichloropropane
Concen: 58.369 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

Tgt Ion: 63 Resp: 69274
Ion Ratio Lower Upper
63 100
112 5.5 3.8 5.8

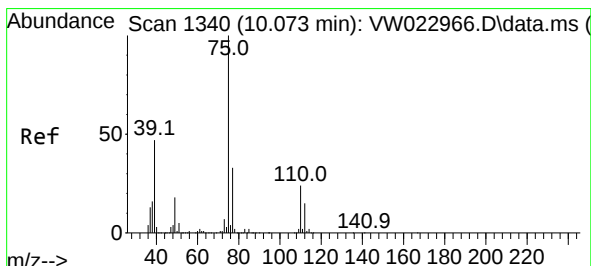
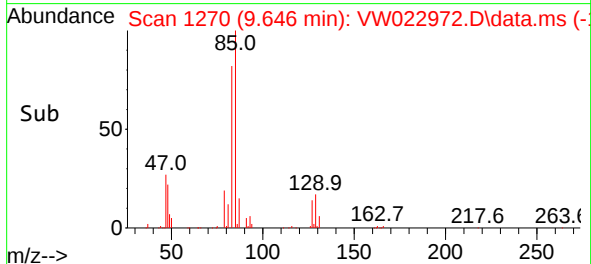
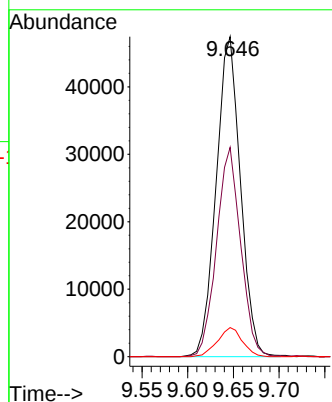
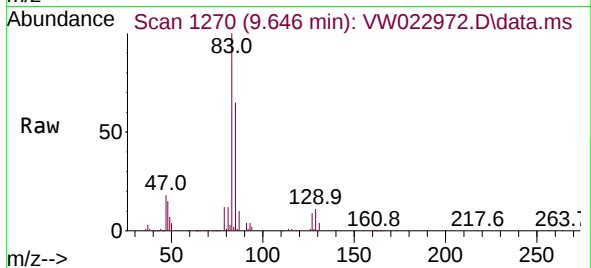




#38
Bromodichloromethane
Concen: 52.062 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

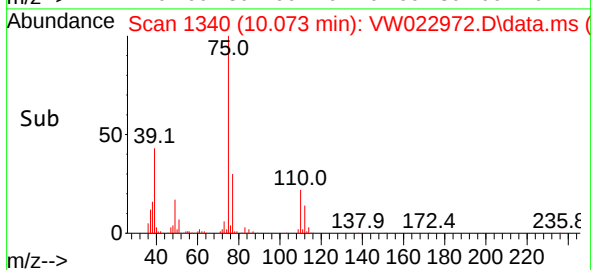
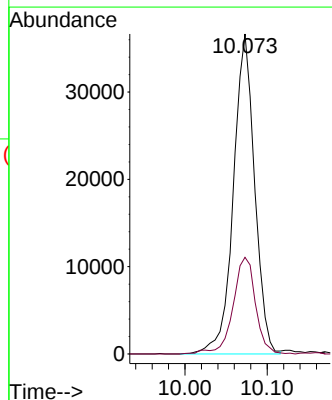
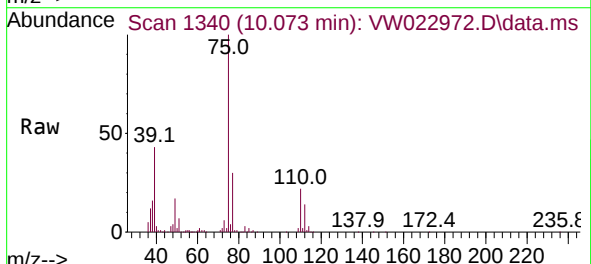
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMSD

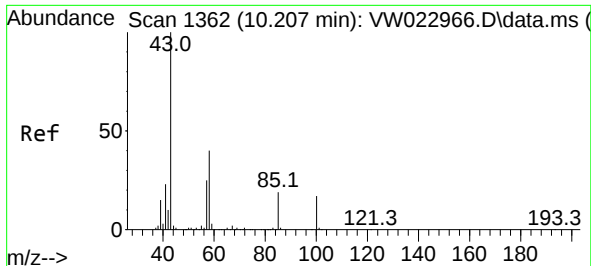
Tgt Ion: 83 Resp: 87764
Ion Ratio Lower Upper
83 100
85 65.4 43.5 80.7
127 9.1 7.1 10.7



#39
cis-1,3-Dichloropropene
Concen: 35.757 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

Tgt Ion: 75 Resp: 65803
Ion Ratio Lower Upper
75 100
77 30.2 22.1 41.1





#40

4-Methyl-2-pentanone

Concen: 150.944 ug/L

RT: 10.207 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022972.D

Acq: 11 May 2022 11:41

Instrument :

MSVOA_W

ClientSampleId :

EW4F3REMSD

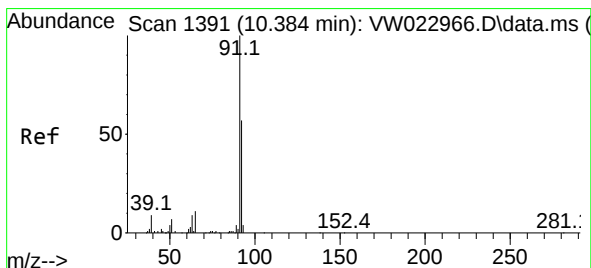
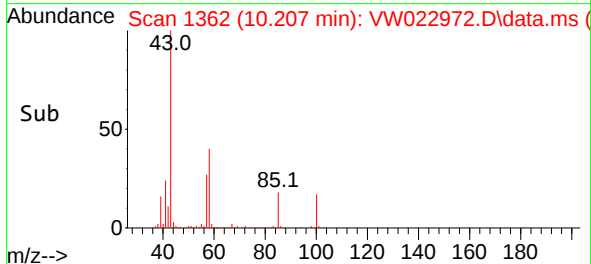
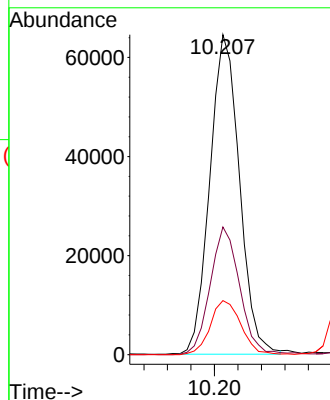
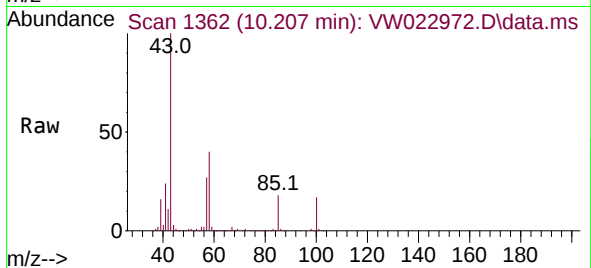
Tgt Ion: 43 Resp: 112915

Ion Ratio Lower Upper

43 100

58 39.7 31.4 47.2

100 17.6 14.2 21.4



#42

Toluene

Concen: 31.831 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW022972.D

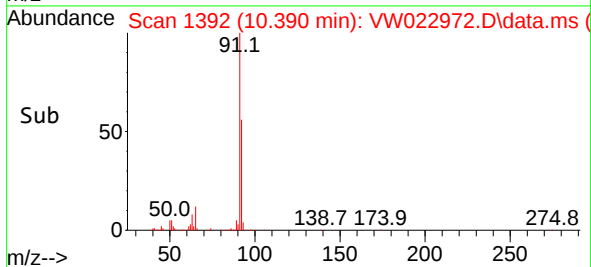
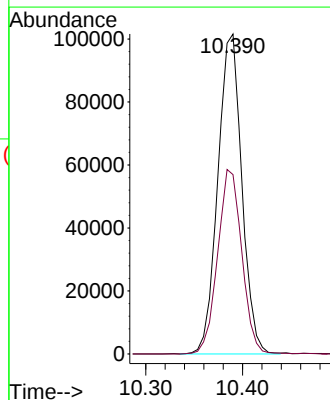
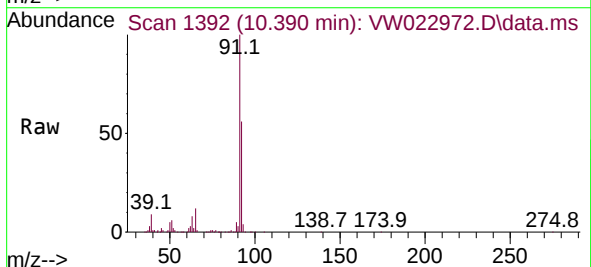
Acq: 11 May 2022 11:41

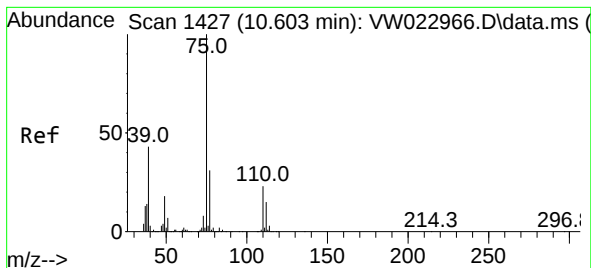
Tgt Ion: 91 Resp: 174954

Ion Ratio Lower Upper

91 100

92 56.0 41.6 77.2





#44

trans-1,3-Dichloropropene

Concen: 30.014 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW022972.D

Acq: 11 May 2022 11:41

Instrument :

MSVOA_W

ClientSampleId :

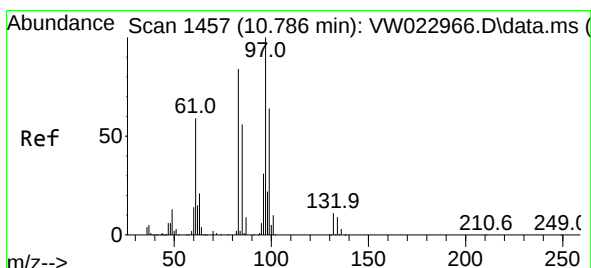
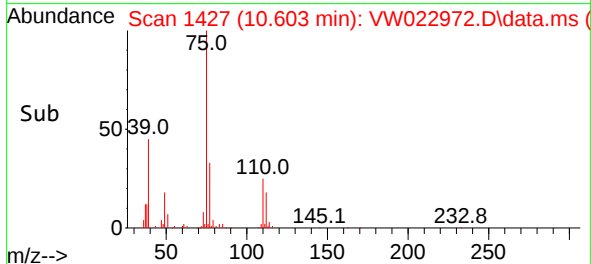
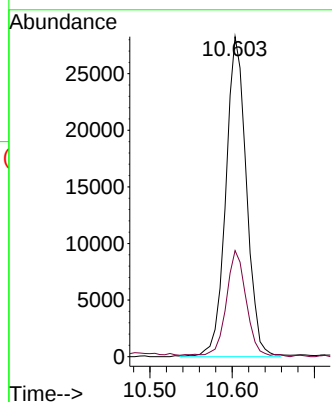
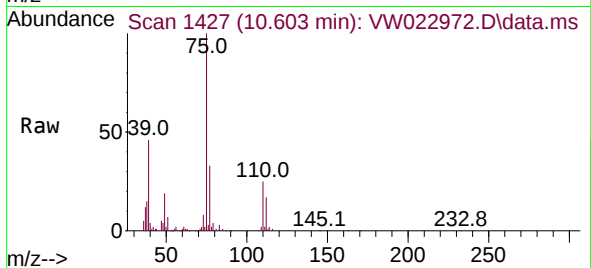
EW4F3REMSD

Tgt Ion: 75 Resp: 49300

Ion Ratio Lower Upper

75 100

77 33.2 22.0 40.8



#45

1,1,2-Trichloroethane

Concen: 57.437 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW022972.D

Acq: 11 May 2022 11:41

Tgt Ion: 97 Resp: 56986

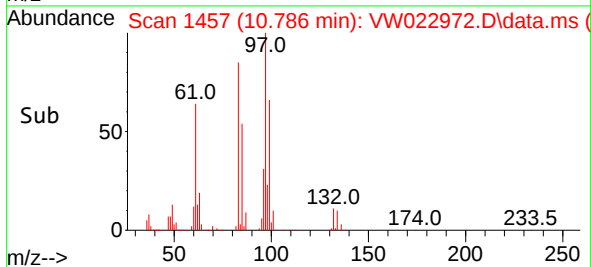
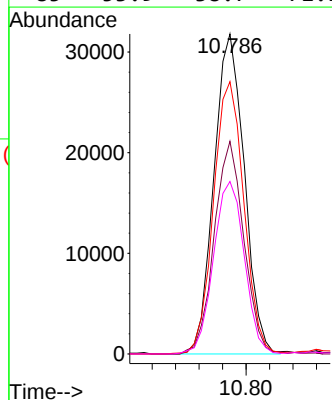
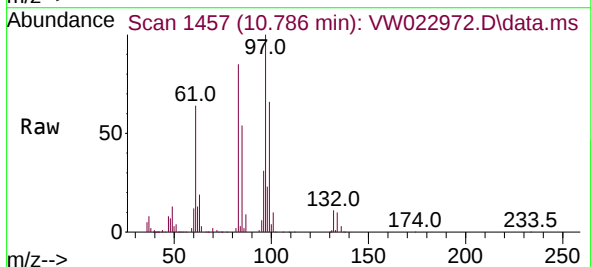
Ion Ratio Lower Upper

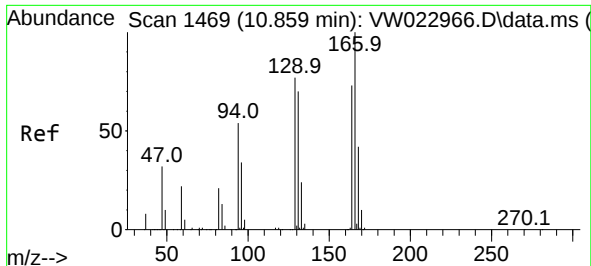
97 100

99 66.5 44.7 82.9

83 85.1 58.4 108.4

85 53.9 38.7 71.9

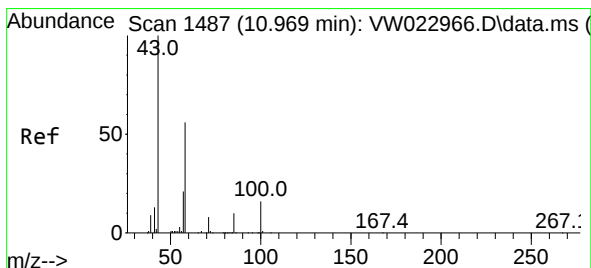
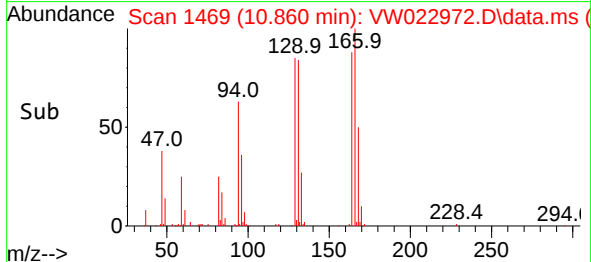
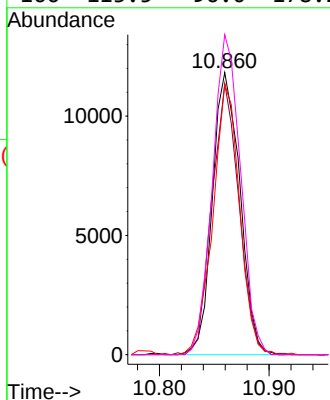
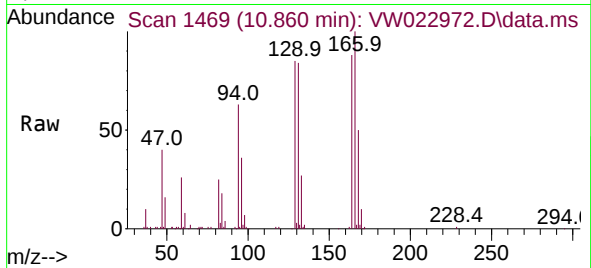




#46
Tetrachloroethene
Concen: 20.377 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

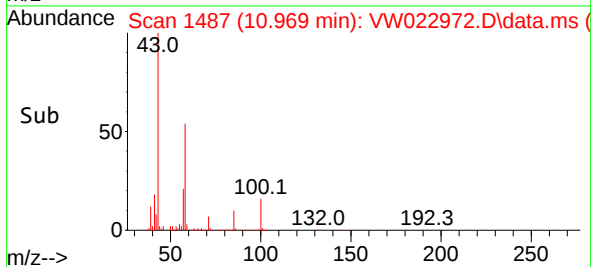
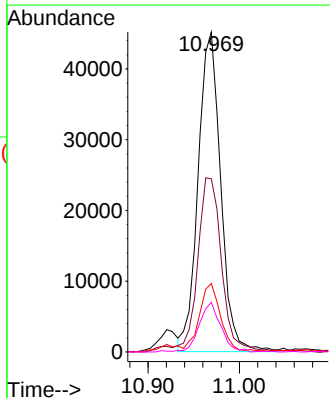
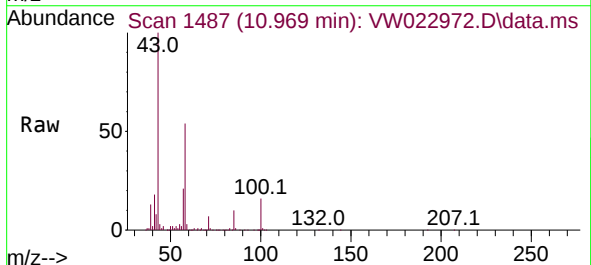
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMSD

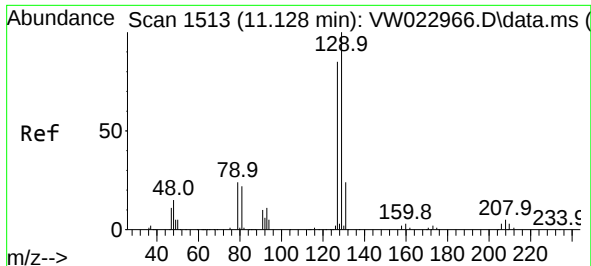
Tgt Ion:	164	Resp:	20654
Ion Ratio	Lower	Upper	
164	100		
129	96.1	76.9	142.7
131	95.8	75.1	139.5
166	113.5	96.0	178.2



#48
2-Hexanone
Concen: 155.370 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

Tgt Ion:	43	Resp:	77657
Ion Ratio	Lower	Upper	
43	100		
58	57.1	45.9	68.9
57	19.7	16.2	24.2
100	14.7	10.7	16.1





#49

Dibromochloromethane

Concen: 46.763 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW022972.D

Acq: 11 May 2022 11:41

Instrument :

MSVOA_W

ClientSampleId :

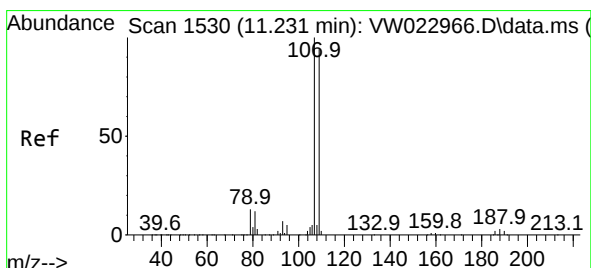
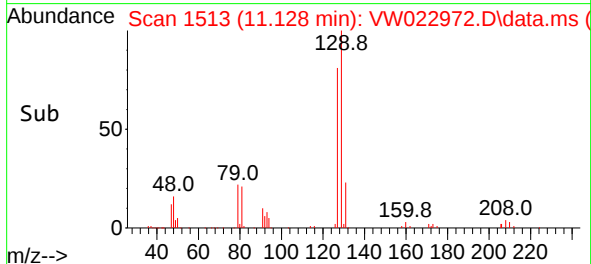
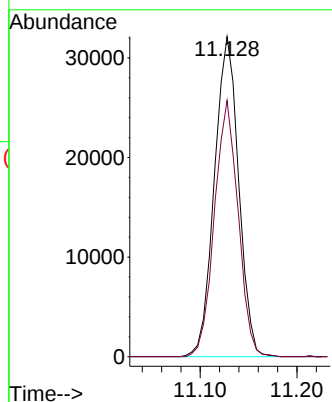
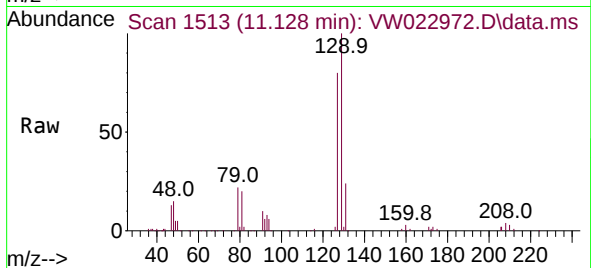
EW4F3REMSD

Tgt Ion:129 Resp: 55840

Ion Ratio Lower Upper

129 100

127 80.1 53.8 100.0



#50

1,2-Dibromoethane

Concen: 39.292 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. 0.006 min

Lab File: VW022972.D

Acq: 11 May 2022 11:41

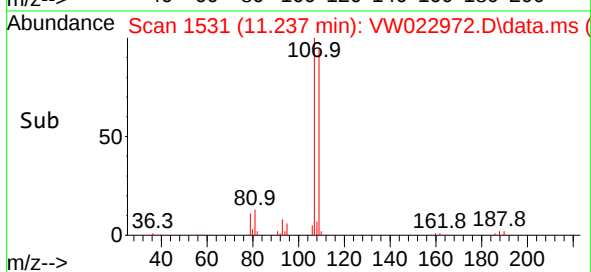
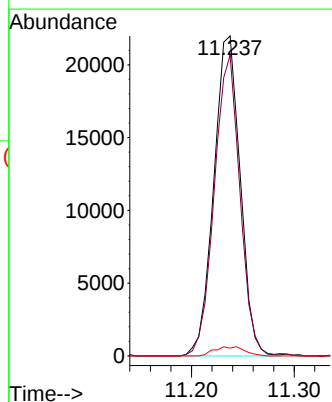
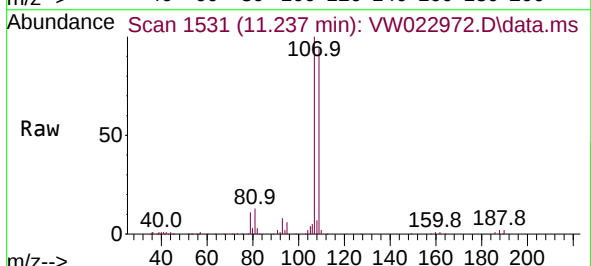
Tgt Ion:107 Resp: 39145

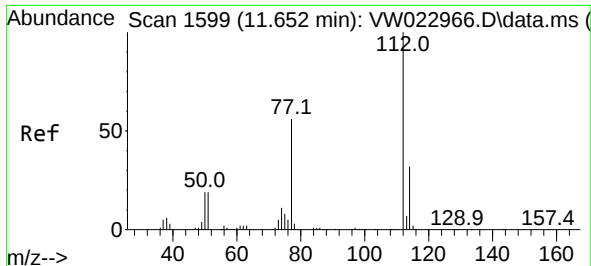
Ion Ratio Lower Upper

107 100

109 94.1 67.5 125.4

188 2.4 2.9 4.3#

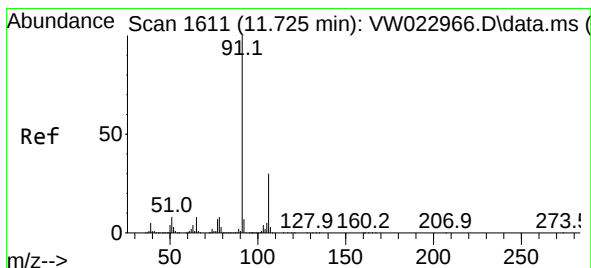
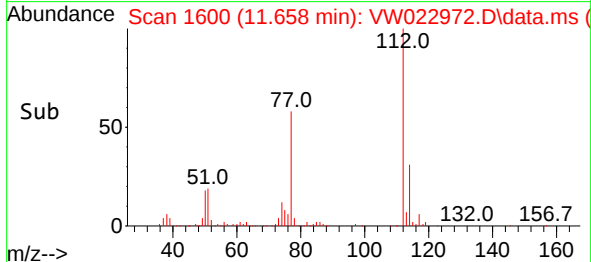
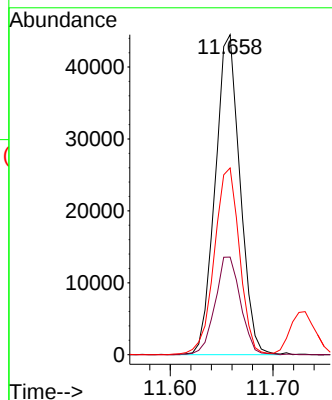
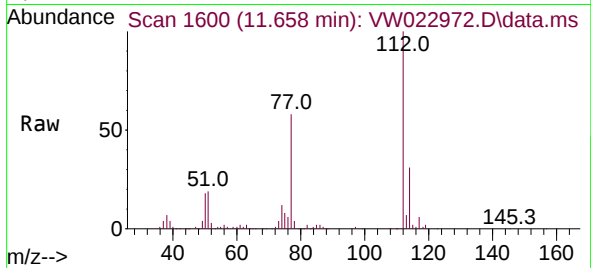




#51
Chlorobenzene
Concen: 20.563 ug/L
RT: 11.658 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

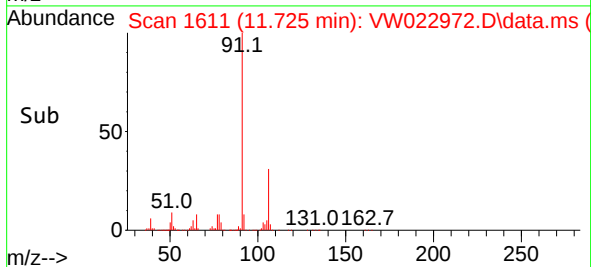
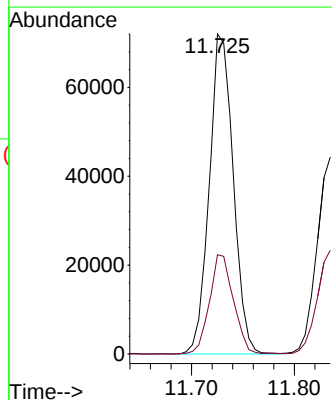
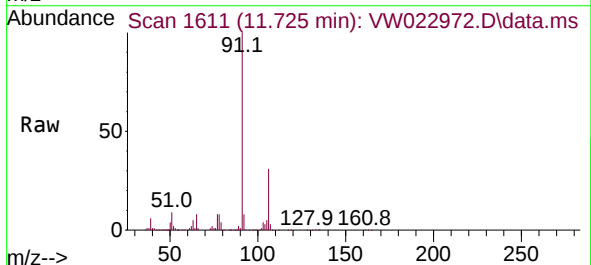
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMSD

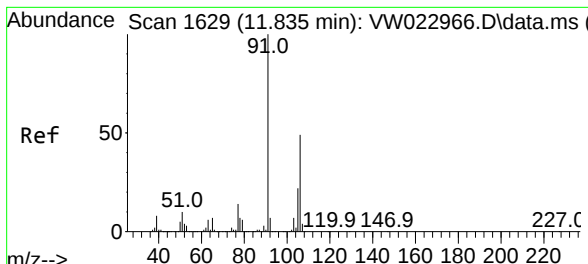
Tgt Ion:112 Resp: 74511
Ion Ratio Lower Upper
112 100
114 30.5 22.0 41.0
77 58.4 42.6 63.8



#52
Ethylbenzene
Concen: 19.100 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

Tgt Ion: 91 Resp: 116794
Ion Ratio Lower Upper
91 100
106 31.0 22.3 41.3

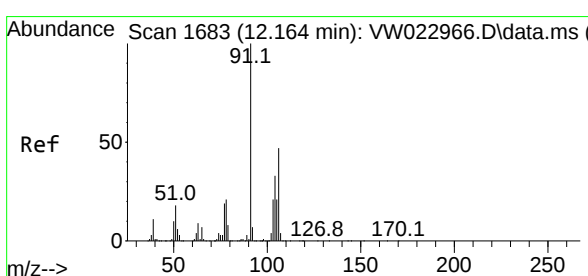
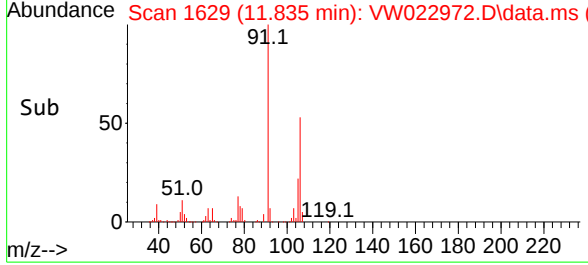
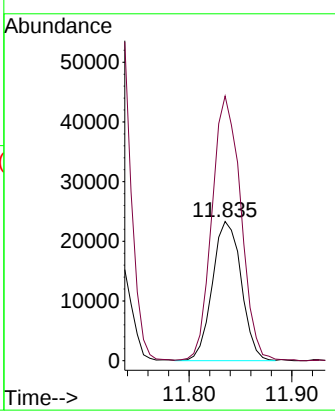
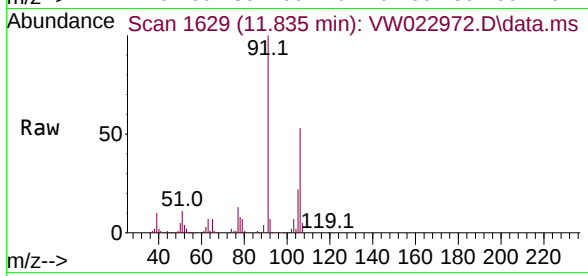




#53
 m,p-Xylene
 Concen: 18.905 ug/L
 RT: 11.835 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: VW022972.D
 Acq: 11 May 2022 11:41

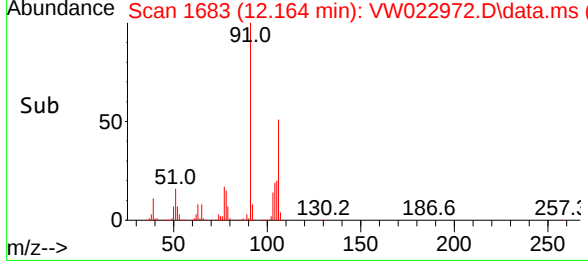
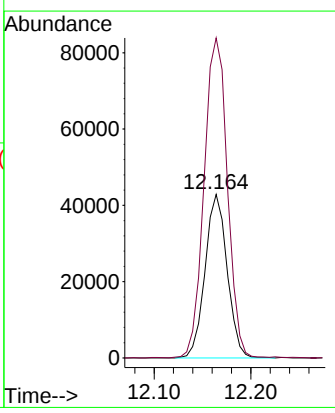
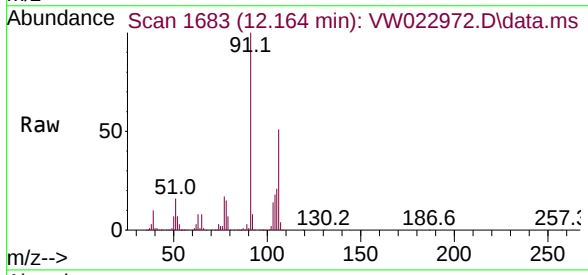
Instrument :
 MSVOA_W
 ClientSampleId :
 EW4F3REMSD

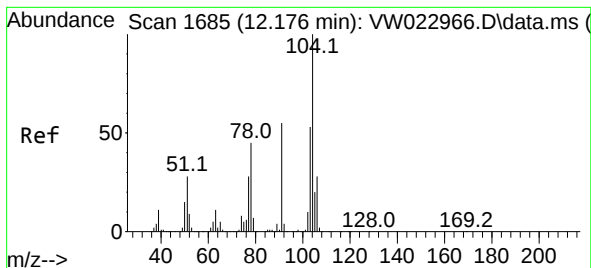
Tgt Ion:	106	Resp:	45549
Ion Ratio	Lower	Upper	
106	100		
91	190.0	136.8	254.0



#54
 o-Xylene
 Concen: 29.434 ug/L
 RT: 12.164 min Scan# 1683
 Delta R.T. 0.000 min
 Lab File: VW022972.D
 Acq: 11 May 2022 11:41

Tgt Ion:	106	Resp:	68053
Ion Ratio	Lower	Upper	
106	100		
91	195.7	147.2	273.4





#55

Styrene

Concen: 16.077 ug/L

RT: 12.176 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022972.D

Acq: 11 May 2022 11:41

Instrument :

MSVOA_W

ClientSampleId :

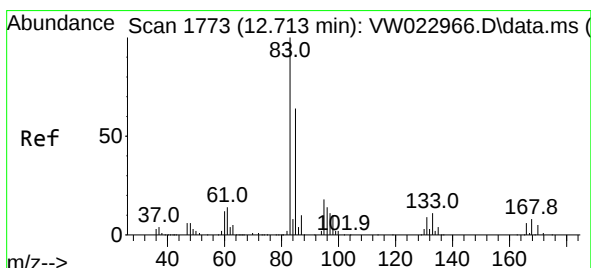
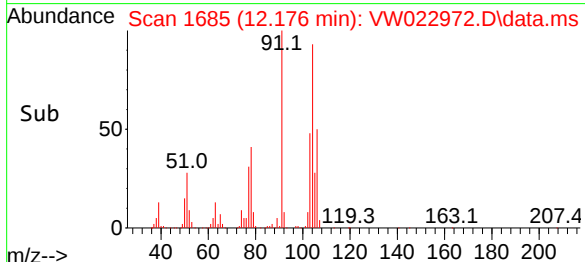
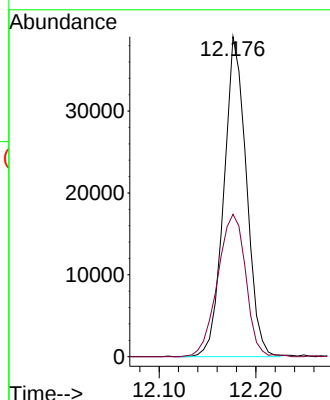
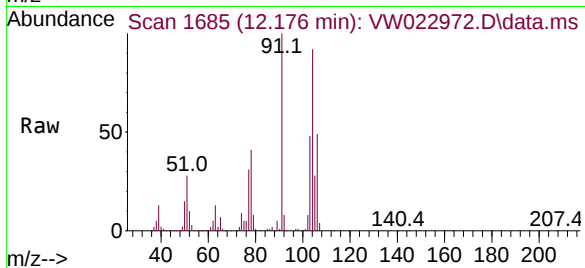
EW4F3REMSD

Tgt Ion:104 Resp: 63161

Ion Ratio Lower Upper

104 100

78 44.5 32.3 59.9



#57

1,1,2,2-Tetrachloroethane

Concen: 60.219 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW022972.D

Acq: 11 May 2022 11:41

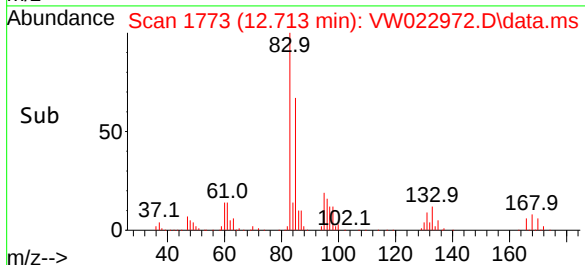
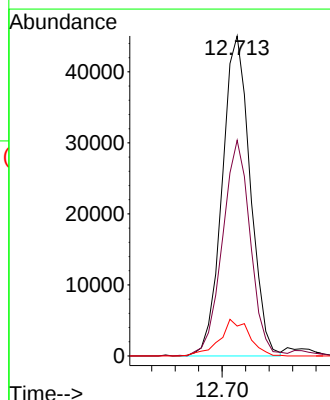
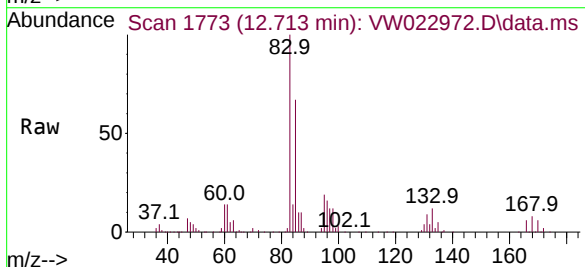
Tgt Ion: 83 Resp: 74625

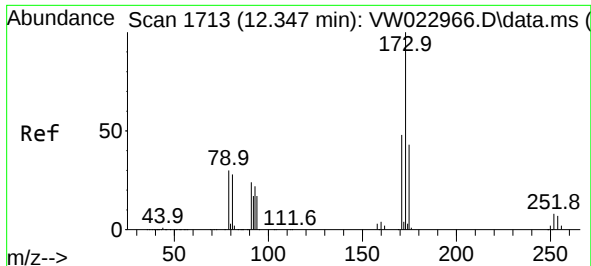
Ion Ratio Lower Upper

83 100

85 67.4 47.5 88.1

131 9.4 8.7 13.1

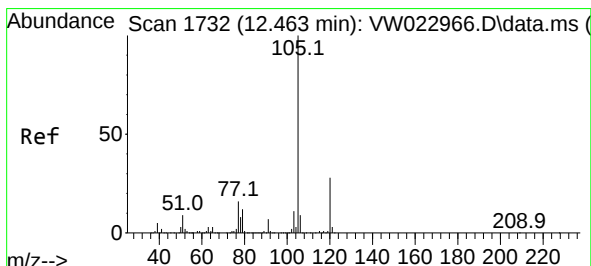
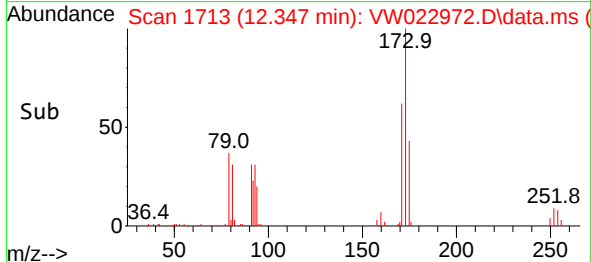
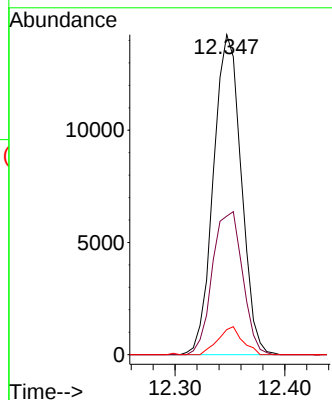
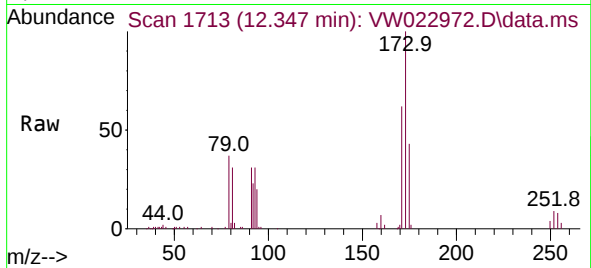




#59
Bromoform
Concen: 118.370 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

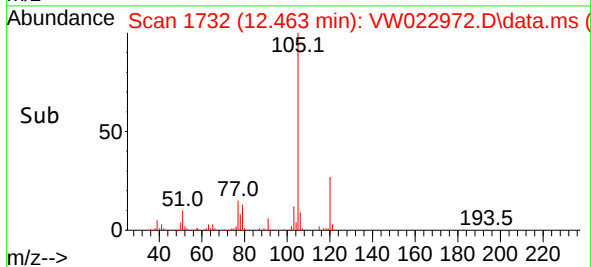
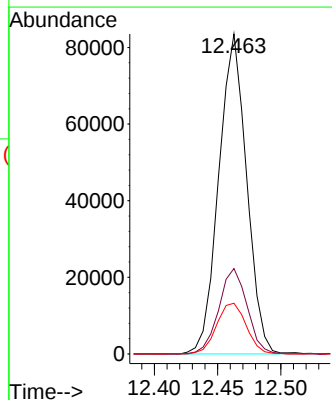
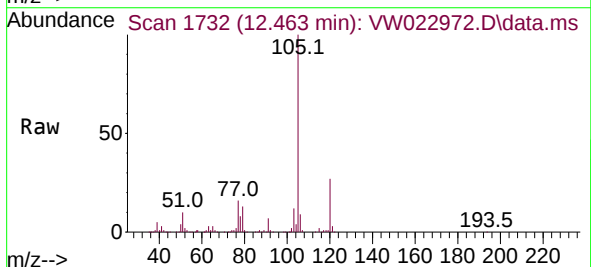
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMSD

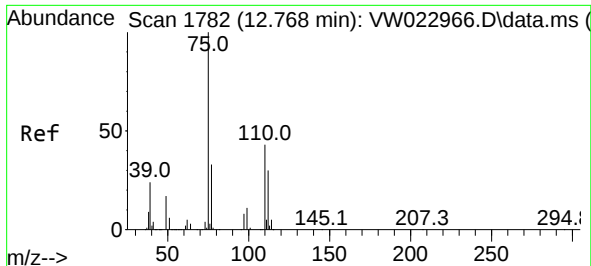
Tgt Ion:173 Resp: 25104
Ion Ratio Lower Upper
173 100
175 48.5 38.1 57.1
254 7.6 6.5 9.7



#60
Isopropylbenzene
Concen: 62.310 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

Tgt Ion:105 Resp: 127743
Ion Ratio Lower Upper
105 100
120 27.0 21.3 31.9
77 16.9 12.6 19.0

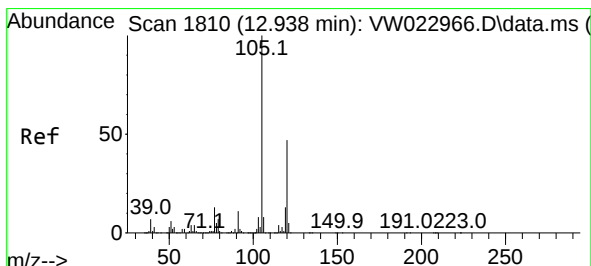
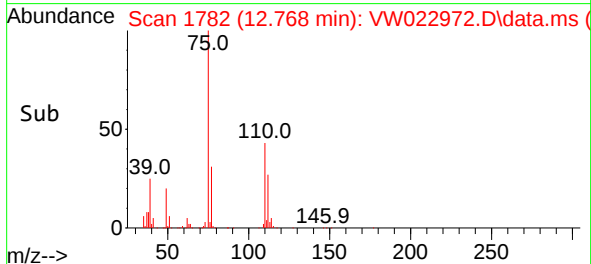
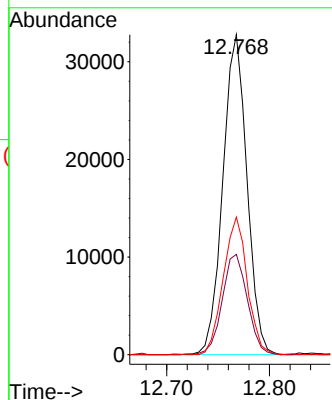
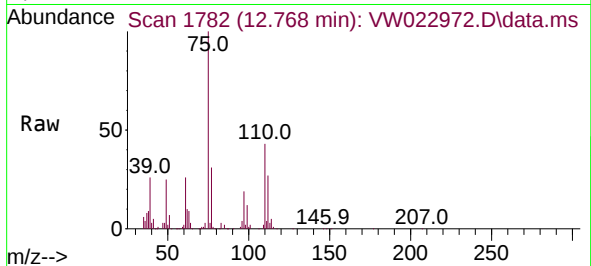




#61
1,2,3-Trichloropropane
Concen: 178.556 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

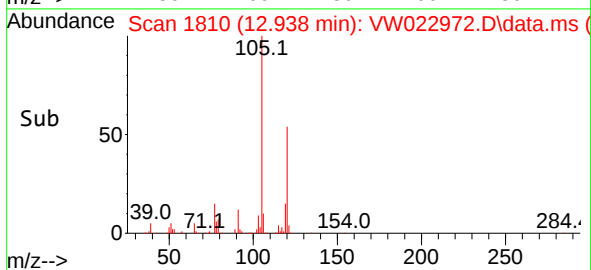
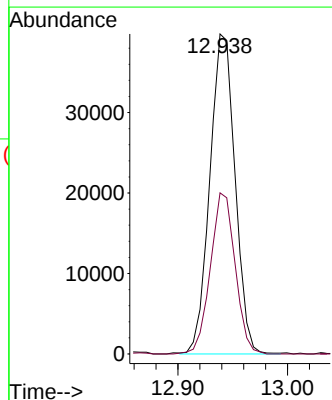
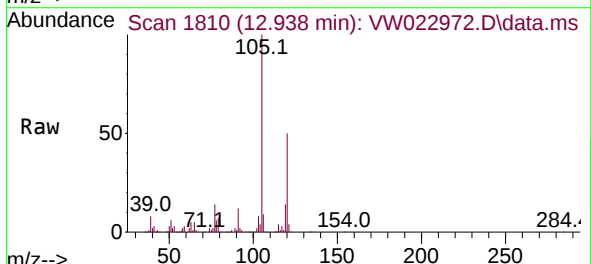
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMSD

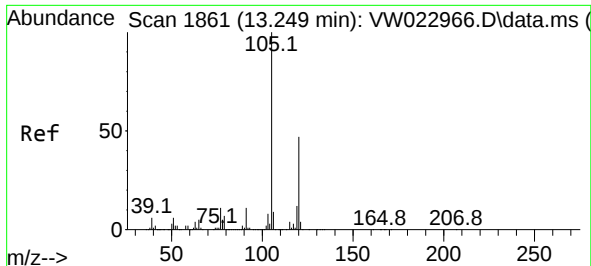
Tgt Ion: 75 Resp: 53391
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2
110 42.8 34.1 51.1



#62
1,3,5-Trimethylbenzene
Concen: 55.807 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

Tgt Ion: 105 Resp: 63652
Ion Ratio Lower Upper
105 100
120 49.3 38.9 58.3

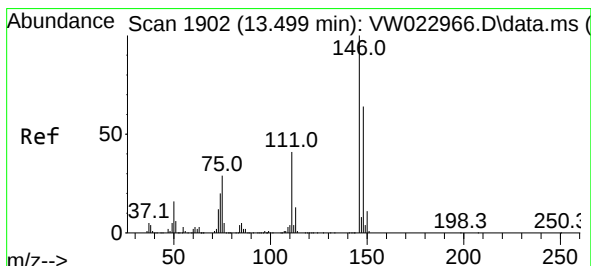
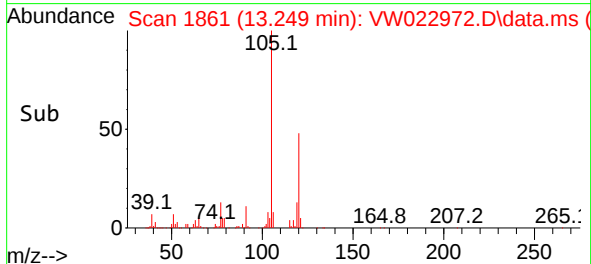
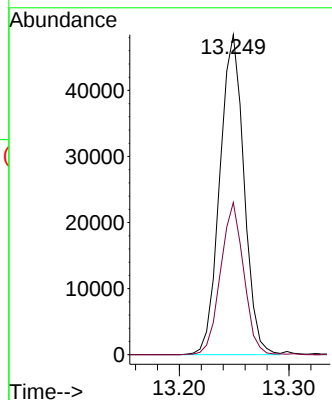
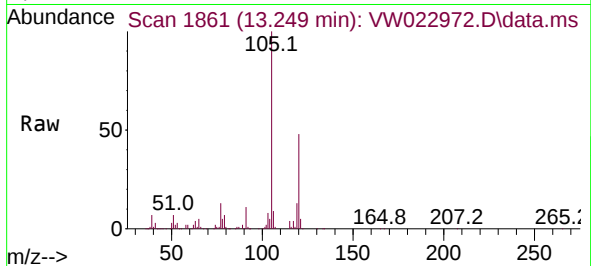




#63
1,2,4-Trimethylbenzene
Concen: 43.379 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

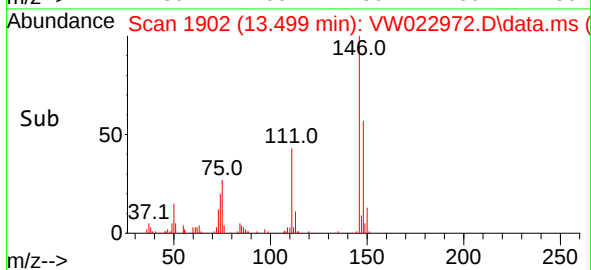
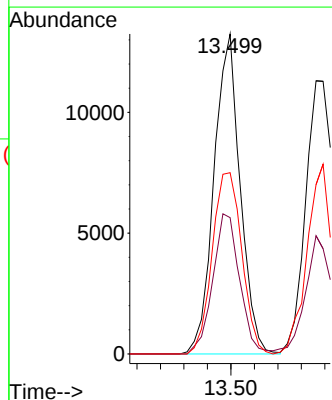
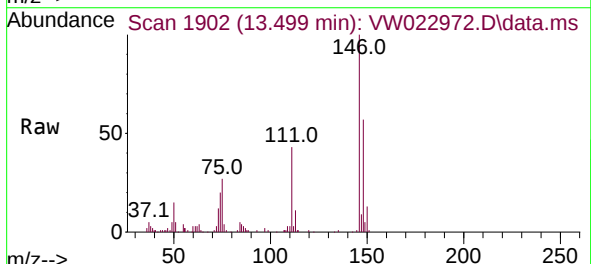
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMSD

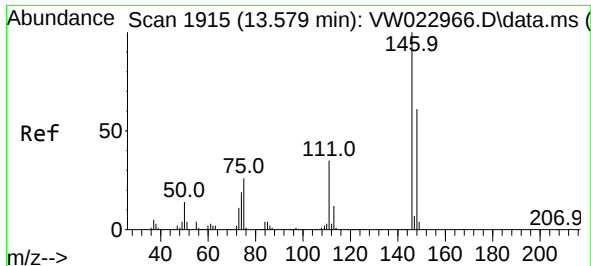
Tgt Ion:105 Resp: 74291
Ion Ratio Lower Upper
105 100
120 45.3 37.4 56.2



#64
1,3-Dichlorobenzene
Concen: 22.378 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

Tgt Ion:146 Resp: 20483
Ion Ratio Lower Upper
146 100
111 42.6 29.5 54.9
148 56.7 48.6 90.2

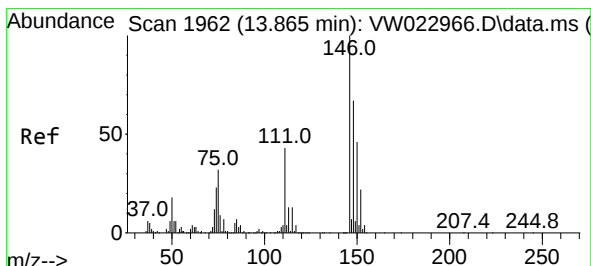
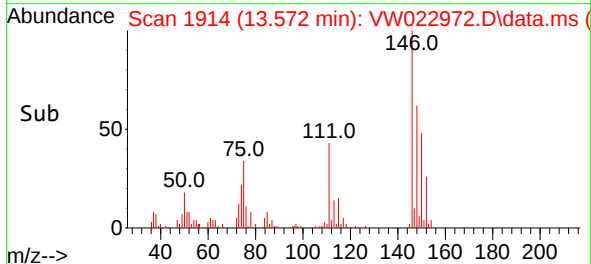
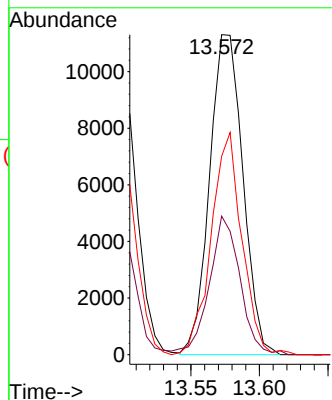
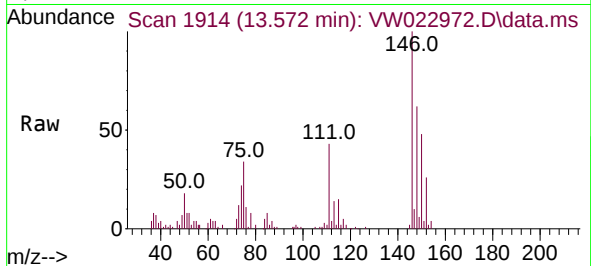




#65
1,4-Dichlorobenzene
Concen: 20.230 ug/L
RT: 13.572 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

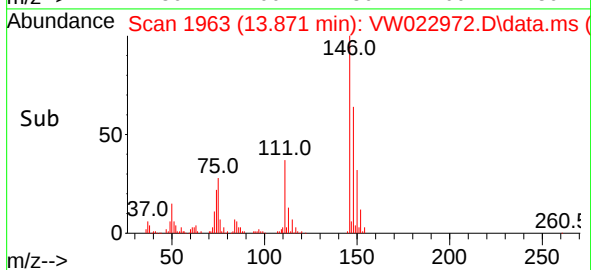
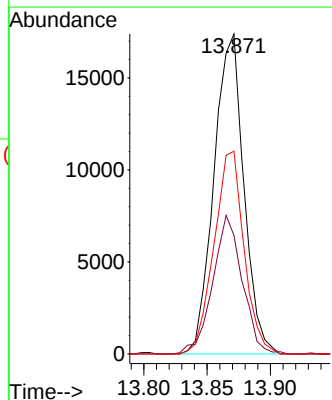
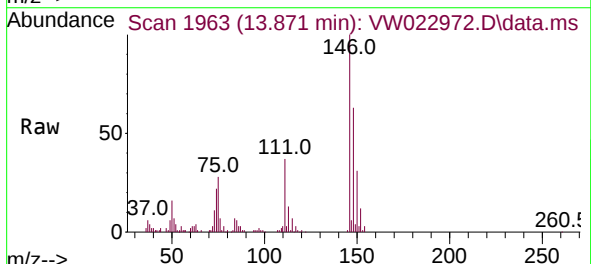
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMSD

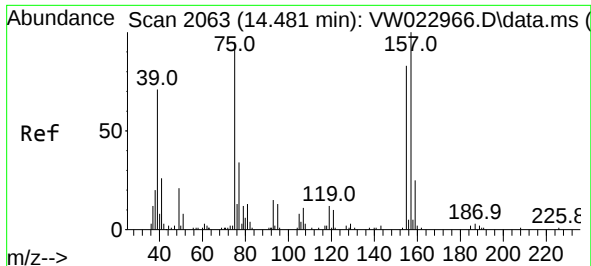
Tgt Ion:146 Resp: 19126
Ion Ratio Lower Upper
146 100
111 43.3 27.2 50.4
148 62.0 44.0 81.6



#67
1,2-Dichlorobenzene
Concen: 34.082 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

Tgt Ion:146 Resp: 28547
Ion Ratio Lower Upper
146 100
111 37.1 35.7 53.5
148 63.3 52.6 79.0





#68

1,2-Dibromo-3-chloropropane

Concen: 134.630 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022972.D

Acq: 11 May 2022 11:41

Instrument :

MSVOA_W

ClientSampleId :

EW4F3REMSD

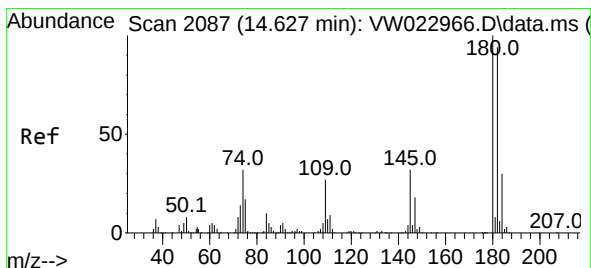
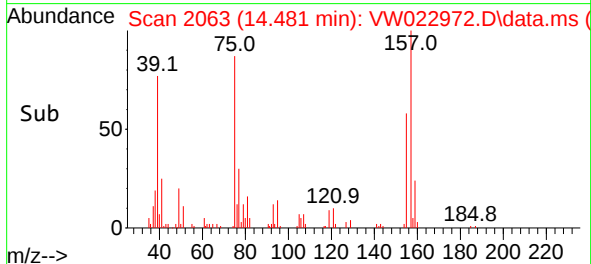
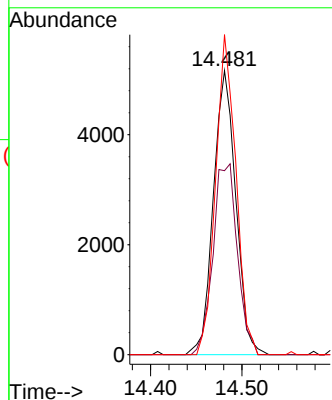
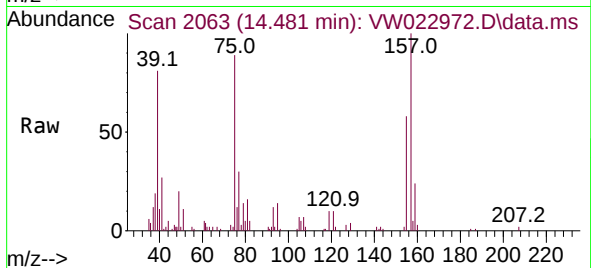
Tgt Ion: 75 Resp: 8798

Ion Ratio Lower Upper

75 100

155 64.8 59.3 88.9

157 112.7 89.8 134.8



#69

1,3,5-Trichlorobenzene

Concen: 15.458 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW022972.D

Acq: 11 May 2022 11:41

Tgt Ion:180 Resp: 9392

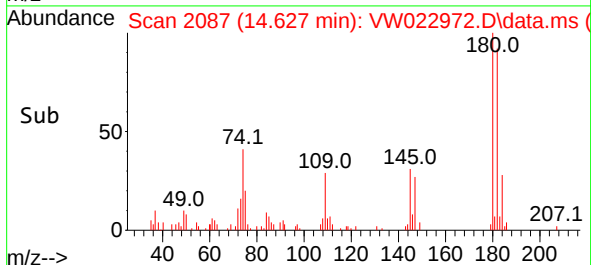
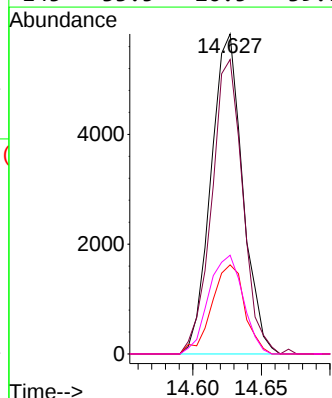
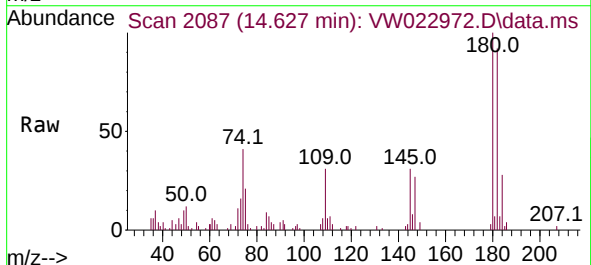
Ion Ratio Lower Upper

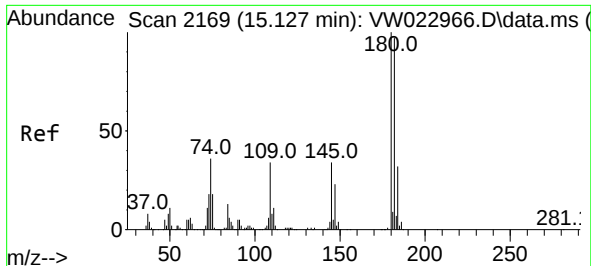
180 100

182 89.9 74.8 112.2

184 28.8 23.4 35.2

145 33.5 26.5 39.7

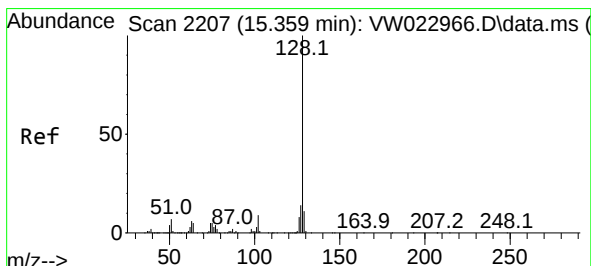
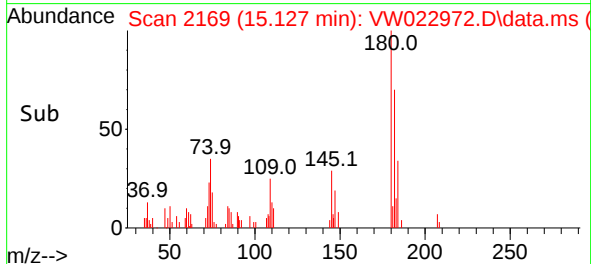
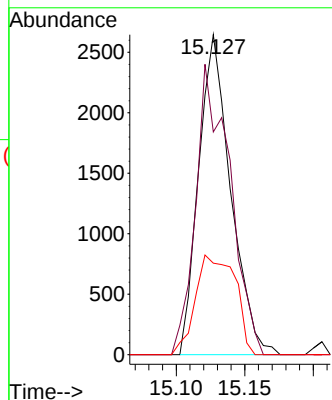
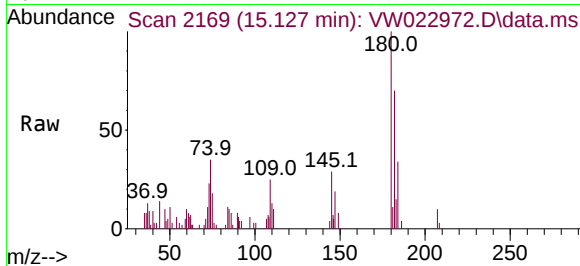




#70
1,2,4-trichlorobenzene
Concen: 8.829 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

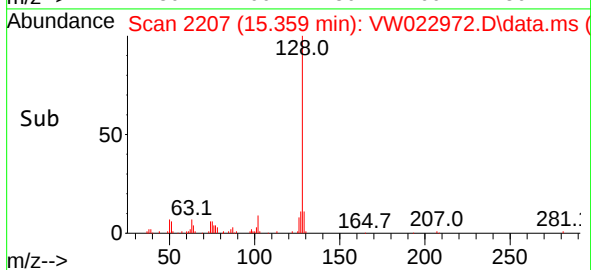
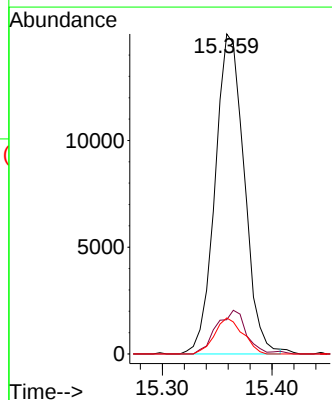
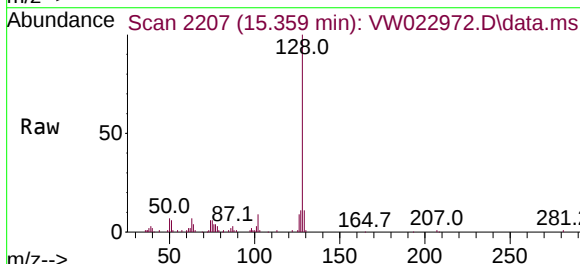
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMSD

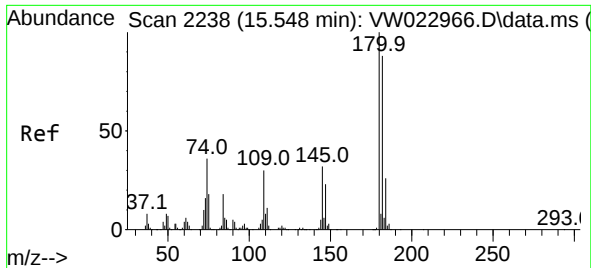
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	74.9	112.3
145	38.5	26.6	39.8



#71
Naphthalene
Concen: 26.053 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW022972.D
Acq: 11 May 2022 11:41

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.6	16.0
129	10.9	8.7	13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 13.325 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW022972.D
 Acq: 11 May 2022 11:41

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4F3REMSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	73.5	110.3
145	37.0	27.9	41.9

