

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050423\
 Data File : VW025860.D
 Acq On : 04 May 2023 21:21
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025595

Quant Time: May 04 23:22:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 23:16:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	569152	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	514027	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	256179	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	213212	26.436	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.760%	
7) Chloroethane-d5	2.893	69	168638	28.203	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 112.800%	
11) 1,1-Dichloroethene-d2	4.027	65	100960	24.999	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 100.000%	
21) 2-Butanone-d5	7.075	46	133947	50.237	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 100.480%	
24) Chloroform-d	7.648	84	439326	26.769	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 107.080%	
26) 1,2-Dichloroethane-d4	8.307	65	240798	25.947	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 103.800%	
32) Benzene-d6	8.276	84	888488	26.453	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 105.800%	
36) 1,2-Dichloropropane-d6	9.276	67	284556	26.479	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 105.920%	
41) Toluene-d8	10.325	98	789084	26.346	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 105.400%	
43) trans-1,3-Dichloroprop...	10.575	79	109695	25.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 100.720%	
47) 2-Hexanone-d5	10.922	63	96452	52.634	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 105.260%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	217769	26.587	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 106.360%	
66) 1,2-Dichlorobenzene-d4	13.848	152	236730	25.349	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 101.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	171342	26.946	ug/L	# 83
3) Chloromethane	2.222	50	239413	25.536	ug/L	99
5) Vinyl chloride	2.375	62	237649	24.489	ug/L	97
6) Bromomethane	2.789	94	134434	25.470	ug/L	94
8) Chloroethane	2.936	64	143966	26.090	ug/L	96
9) Trichlorofluoromethane	3.265	101	165098	22.544	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	199189	25.009	ug/L	97
12) 1,1-Dichloroethene	4.045	96	182391	23.961	ug/L	91
13) Acetone	4.118	43	91277	38.608	ug/L	100
14) Carbon disulfide	4.393	76	607247	23.590	ug/L	99
15) Methyl Acetate	4.673	43	112295	24.103	ug/L	98
16) Methylene chloride	4.917	84	223262	19.021	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	200787	24.180	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	309052	24.522	ug/L	99
19) 1,1-Dichloroethane	6.216	63	426196	24.981	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	217038	24.362	ug/L	98
22) 2-Butanone	7.167	43	144563	44.283	ug/L	99
23) Bromochloromethane	7.514	128	92654	24.550	ug/L	95
25) Chloroform	7.679	83	398419	25.408	ug/L	100

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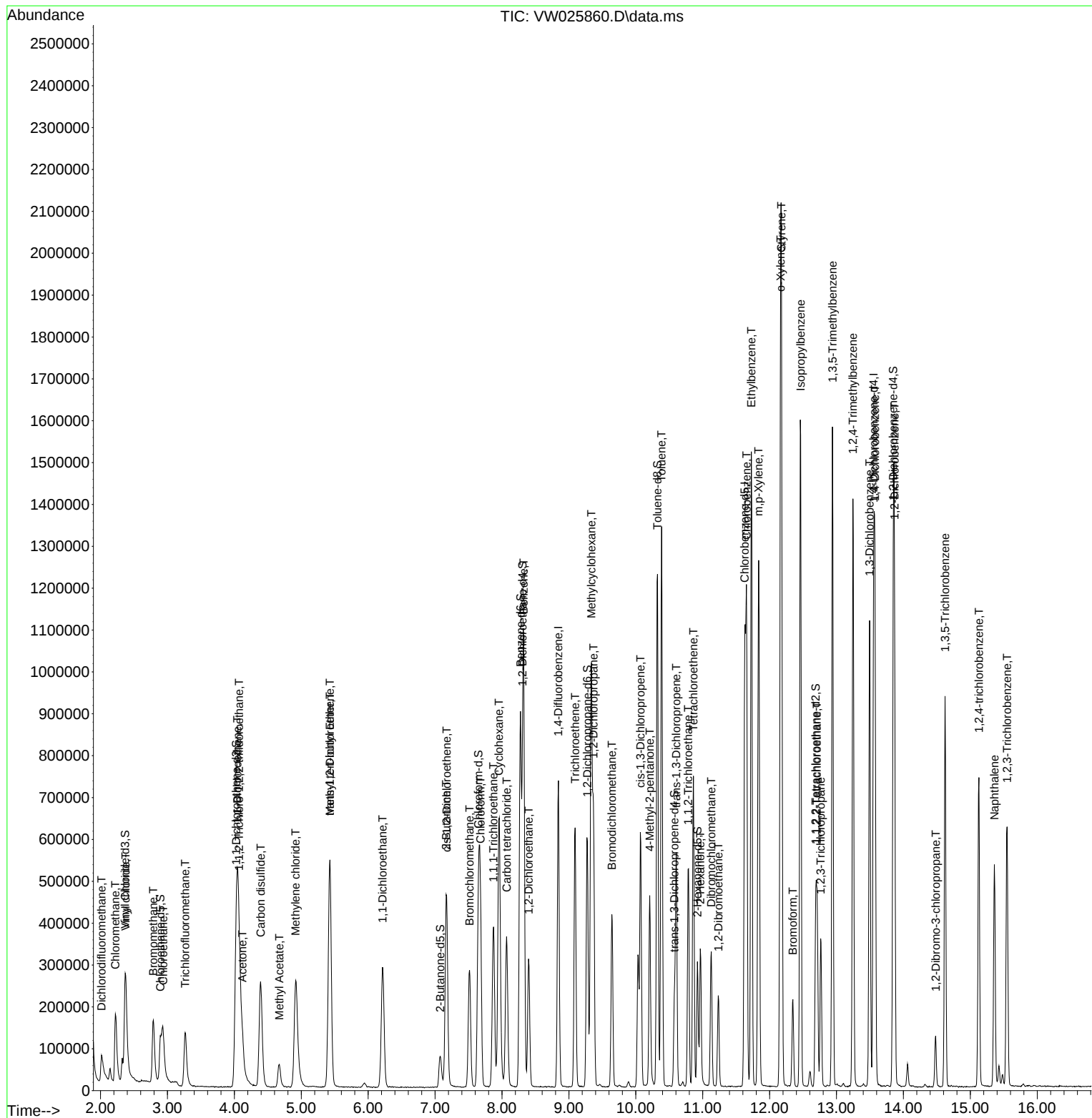
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	277738	24.940	ug/L	99
29) Cyclohexane	7.953	56	379135	23.801	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	306485	24.380	ug/L	99
31) Carbon tetrachloride	8.069	117	270817	23.938	ug/L	100
33) Benzene	8.325	78	890398	25.037	ug/L	100
34) Trichloroethene	9.093	95	219360	24.038	ug/L	95
35) Methylcyclohexane	9.337	83	385835	23.772	ug/L	99
37) 1,2-Dichloropropane	9.368	63	241959	24.833	ug/L	100
38) Bromodichloromethane	9.642	83	278457	24.911	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	344388	24.102	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	318088	50.155	ug/L	99
42) Toluene	10.386	91	915678	25.199	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	289867	24.483	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	160703	24.657	ug/L	97
46) Tetrachloroethene	10.861	164	156200	24.330	ug/L	94
48) 2-Hexanone	10.965	43	219500	48.312	ug/L	99
49) Dibromochloromethane	11.129	129	163077	24.168	ug/L	94
50) 1,2-Dibromoethane	11.233	107	146743	24.423	ug/L	99
51) Chlorobenzene	11.654	112	559213	24.842	ug/L	96
52) Ethylbenzene	11.727	91	1026558	25.114	ug/L	99
53) m,p-Xylene	11.837	106	378495	25.159	ug/L	98
54) o-Xylene	12.166	106	365326	25.764	ug/L	89
55) Styrene	12.178	104	630613	25.983	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	198733	24.437	ug/L	99
59) Bromoform	12.349	173	90624	23.883	ug/L	98
60) Isopropylbenzene	12.465	105	995042	25.553	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	146899	24.263	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	799739	25.930	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	726045	25.510	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	413012	24.638	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	412235	24.341	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	368489	24.649	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	31866	22.698	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	255737	22.983	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	209070	22.427	ug/L	97
71) Naphthalene	15.360	128	435344	24.743	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	196752	23.787	ug/L	97

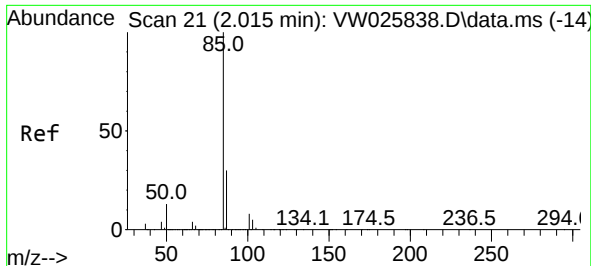
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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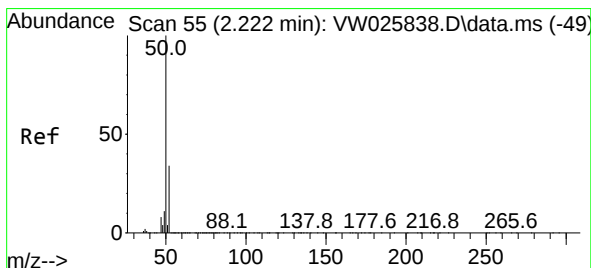
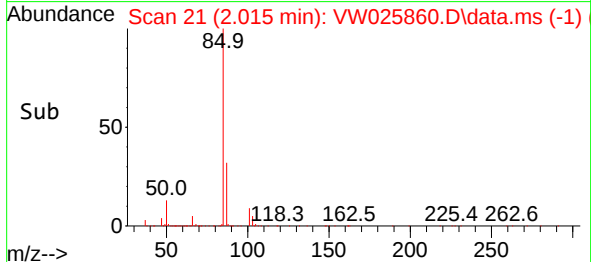
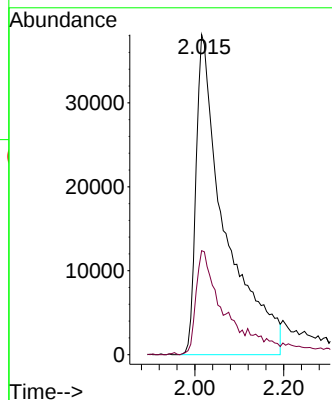
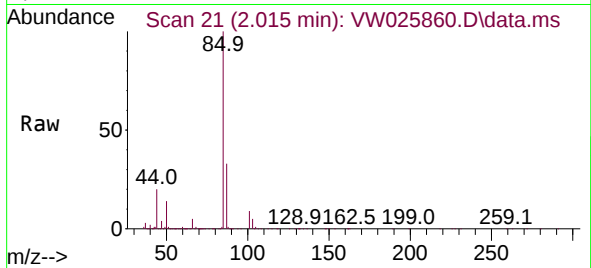




#2
 Dichlorodifluoromethane
 Concen: 26.946 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW025860.D
 Acq: 04 May 2023 21:21

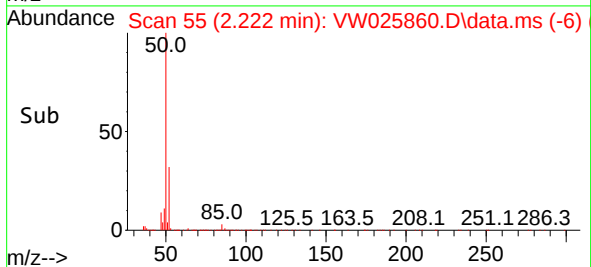
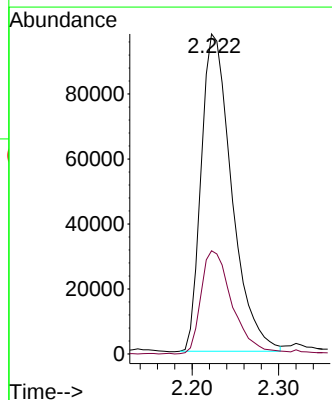
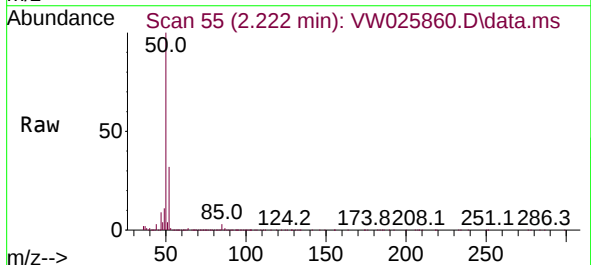
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 ClientSampleId :
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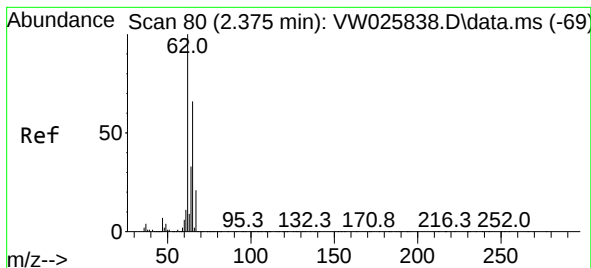
Tgt Ion: 85 Resp: 171342
 Ion Ratio Lower Upper
 85 100
 87 21.5 24.7 37.1#



#3
 Chloromethane
 Concen: 25.536 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW025860.D
 Acq: 04 May 2023 21:21

Tgt Ion: 50 Resp: 239413
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.1 41.1





#5

Vinyl chloride

Concen: 24.489 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW025860.D

Acq: 04 May 2023 21:21

Instrument :

MSVOA_W

ClientSampleId :

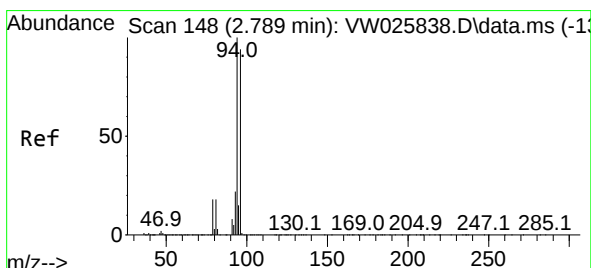
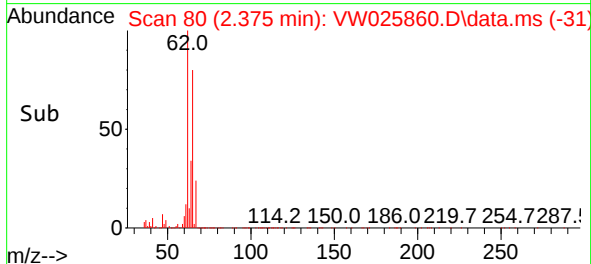
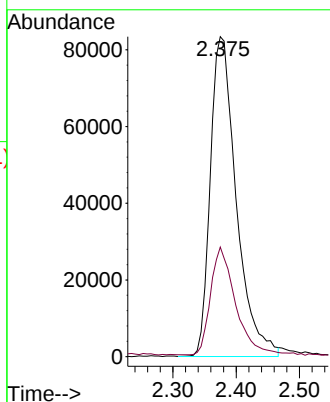
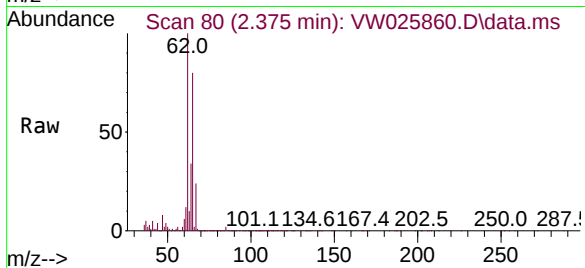
VSTD025595

Tgt Ion: 62 Resp: 237649

Ion Ratio Lower Upper

62 100

64 34.3 22.7 42.3



#6

Bromomethane

Concen: 25.470 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW025860.D

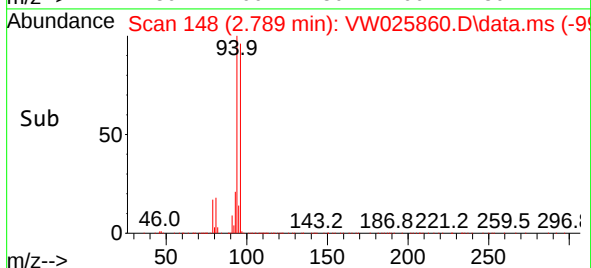
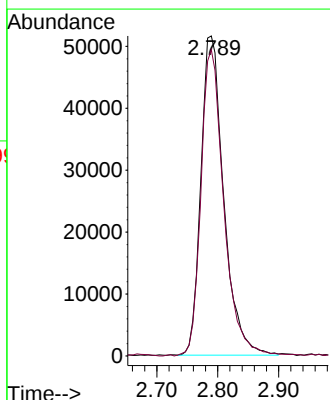
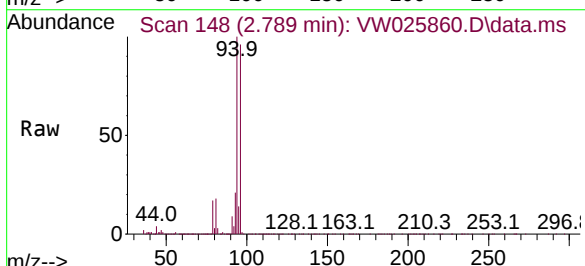
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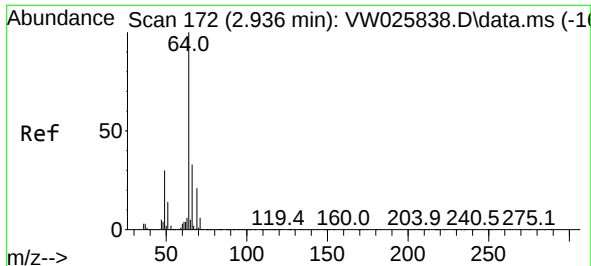
Tgt Ion: 94 Resp: 134434

Ion Ratio Lower Upper

94 100

96 95.7 63.1 117.1

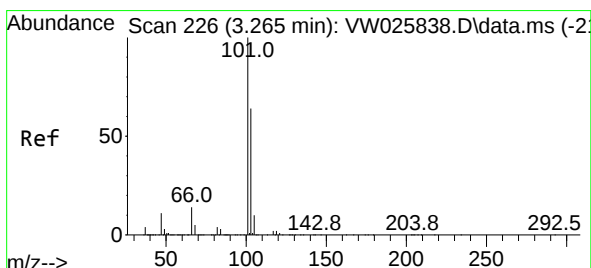
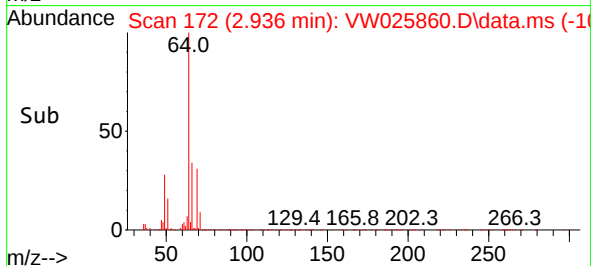
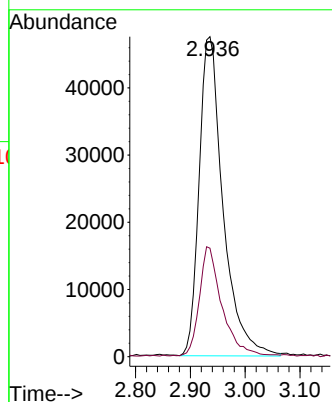
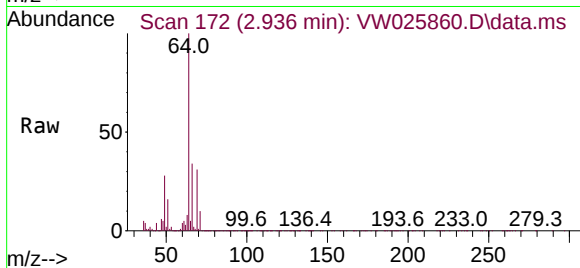




#8
Chloroethane
Concen: 26.090 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

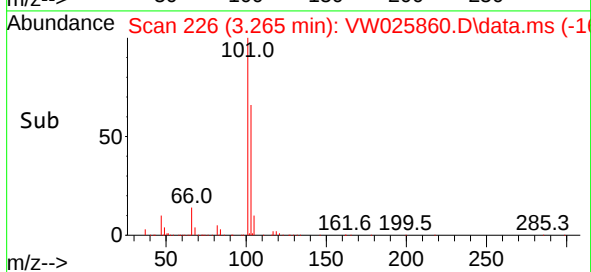
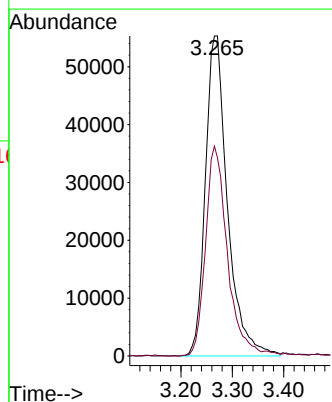
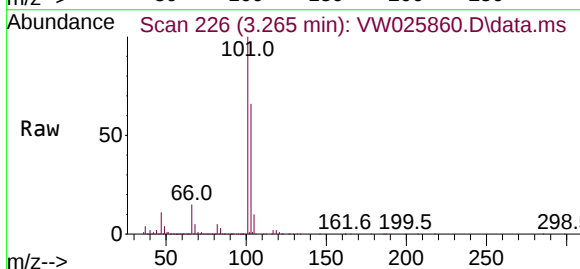
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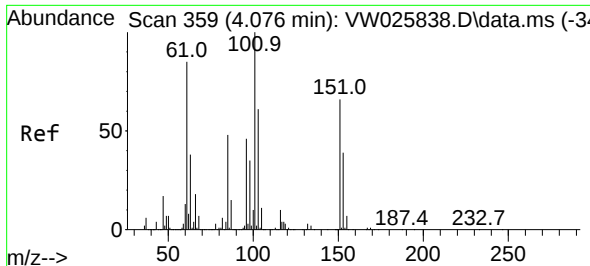
Tgt Ion: 64 Resp: 143966
Ion Ratio Lower Upper
64 100
66 33.9 22.3 41.3



#9
Trichlorofluoromethane
Concen: 22.544 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

Tgt Ion: 101 Resp: 165098
Ion Ratio Lower Upper
101 100
103 64.3 50.6 76.0

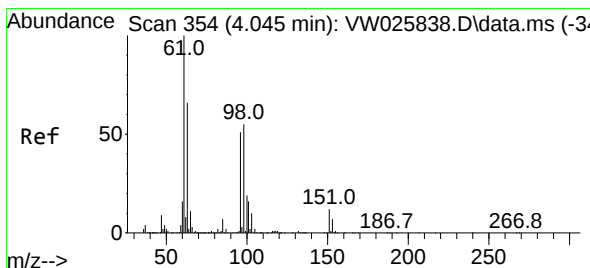
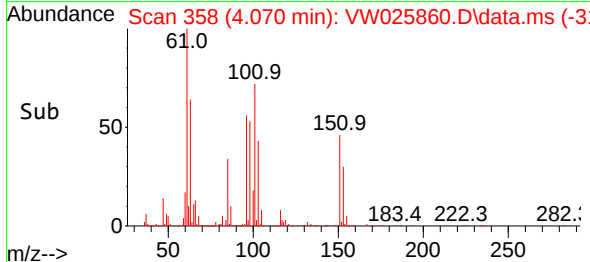
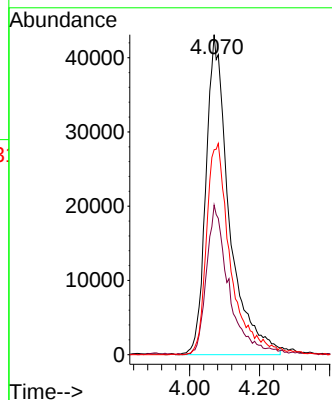
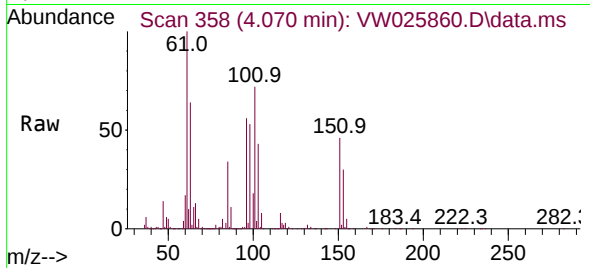




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.009 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW025860.D
 Acq: 04 May 2023 21:21

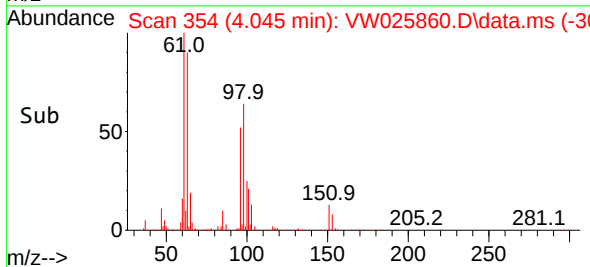
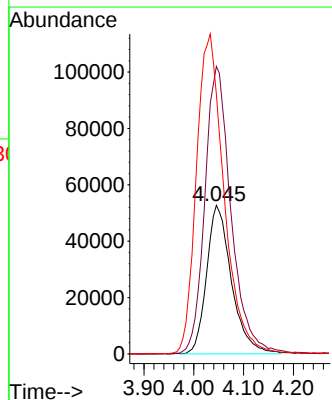
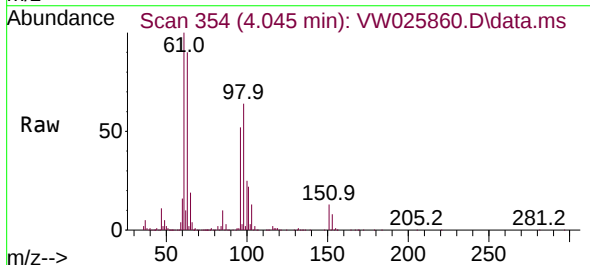
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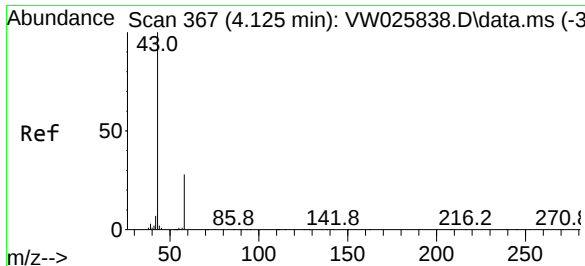
Tgt Ion:101 Resp: 199189
 Ion Ratio Lower Upper
 101 100
 85 43.1 33.9 50.9
 151 64.8 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 23.961 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW025860.D
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Tgt Ion: 96 Resp: 182391
 Ion Ratio Lower Upper
 96 100
 61 193.5 135.0 250.8
 63 174.9 104.9 194.7

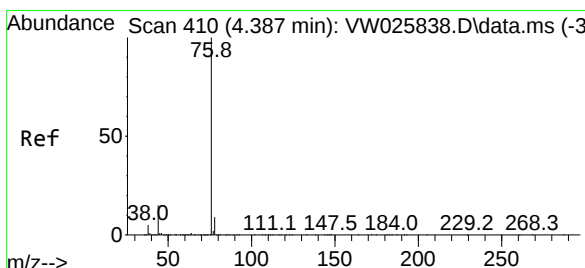
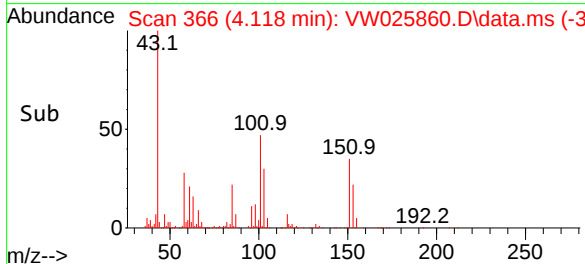
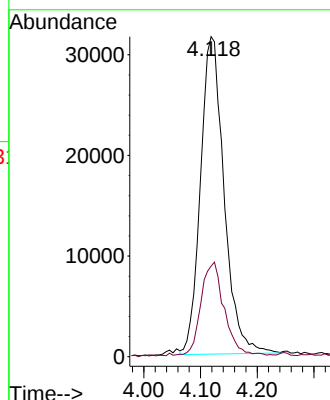
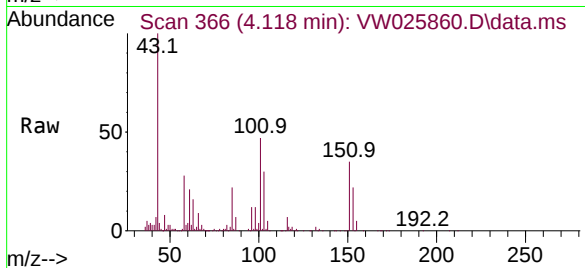




#13
Acetone
Concen: 38.608 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
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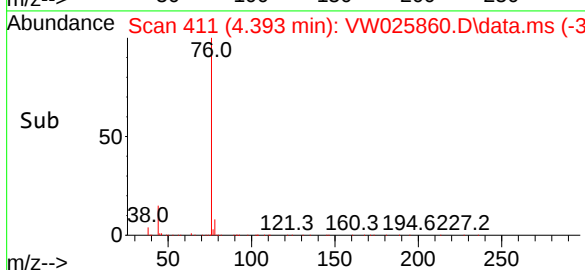
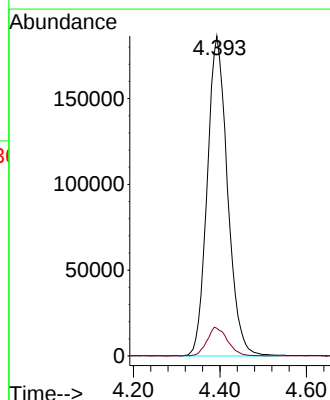
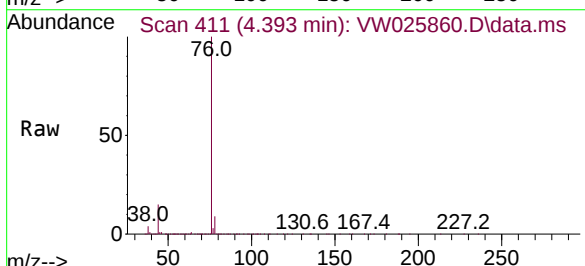
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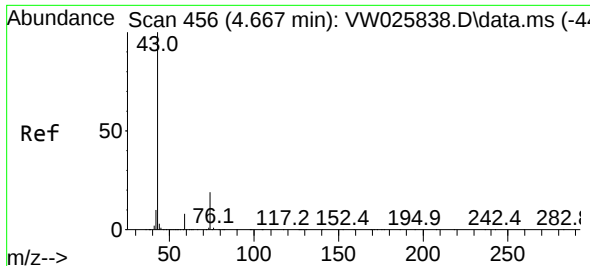
Tgt Ion: 43 Resp: 91277
Ion Ratio Lower Upper
43 100
58 29.1 0.0 58.2



#14
Carbon disulfide
Concen: 23.590 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 607247
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

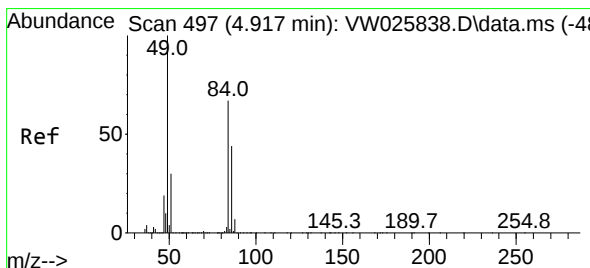
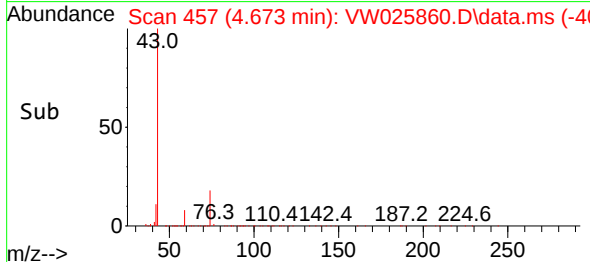
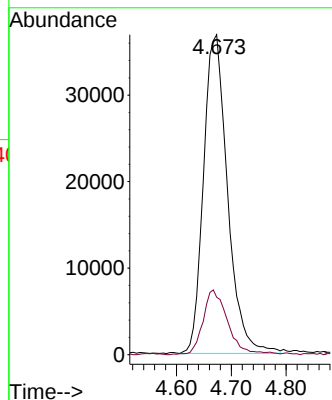
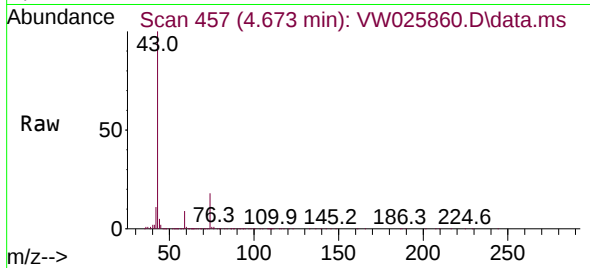




#15
Methyl Acetate
Concen: 24.103 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

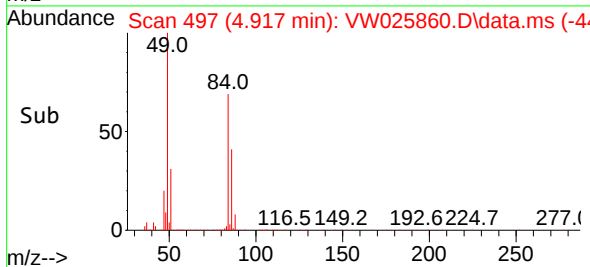
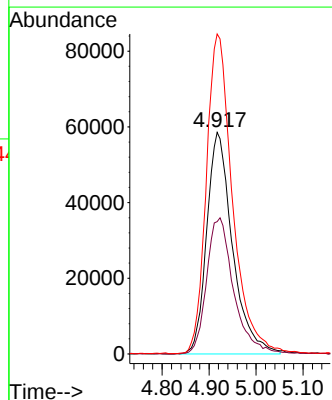
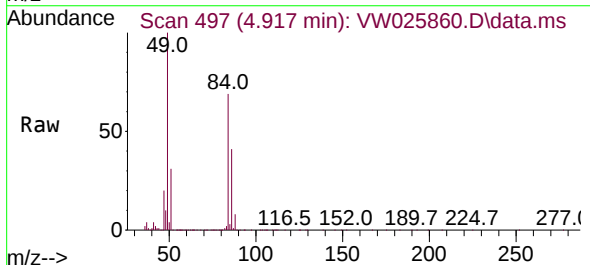
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

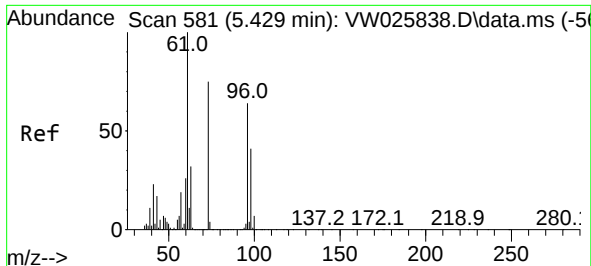
Tgt Ion: 43 Resp: 112295
Ion Ratio Lower Upper
43 100
74 19.6 16.5 24.7



#16
Methylene chloride
Concen: 19.021 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

Tgt Ion: 84 Resp: 223262
Ion Ratio Lower Upper
84 100
86 59.7 41.7 77.5
49 144.4 95.3 177.1

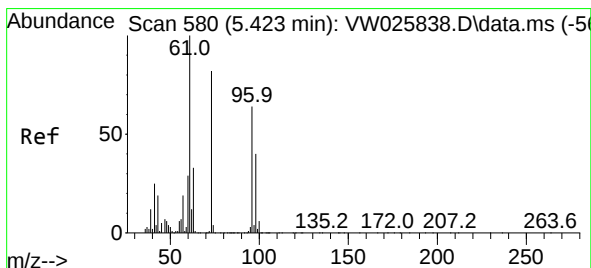
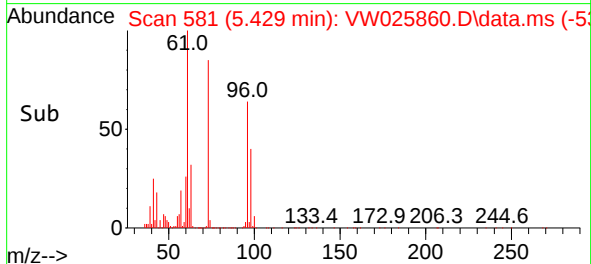
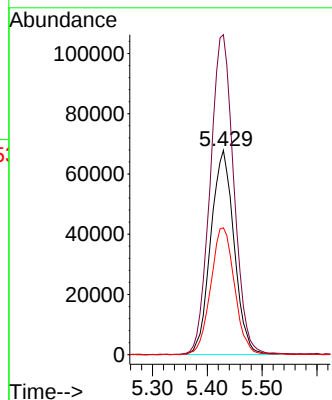
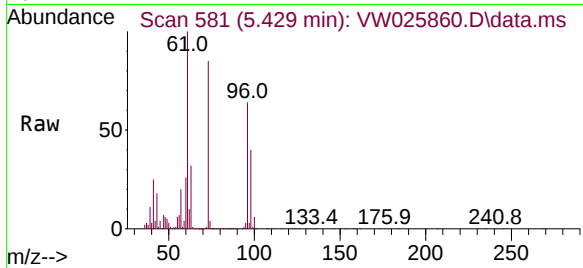




#17
trans-1,2-Dichloroethene
Concen: 24.180 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

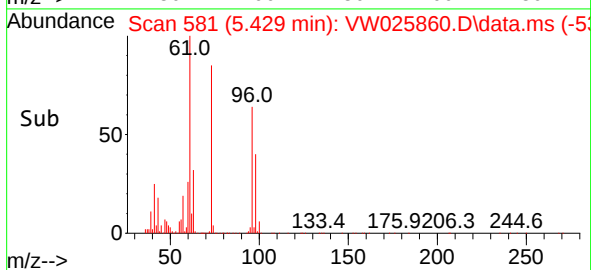
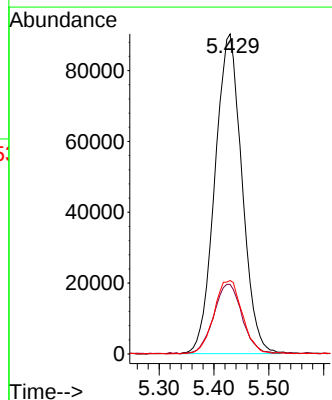
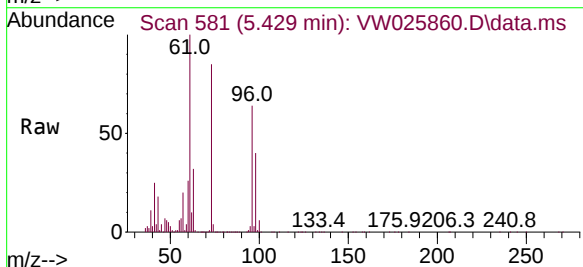
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

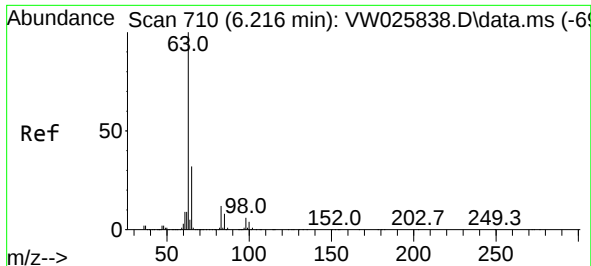
Tgt Ion: 96 Resp: 200787
Ion Ratio Lower Upper
96 100
61 156.6 108.1 200.9
98 62.1 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 24.522 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

Tgt Ion: 73 Resp: 309052
Ion Ratio Lower Upper
73 100
43 23.2 18.2 27.4
57 24.2 19.2 28.8





#19

1,1-Dichloroethane

Concen: 24.981 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW025860.D

Acq: 04 May 2023 21:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

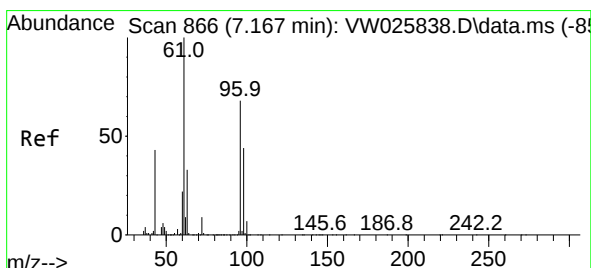
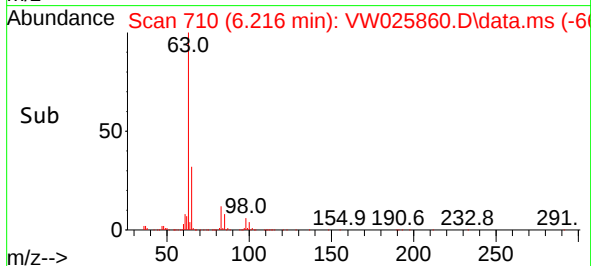
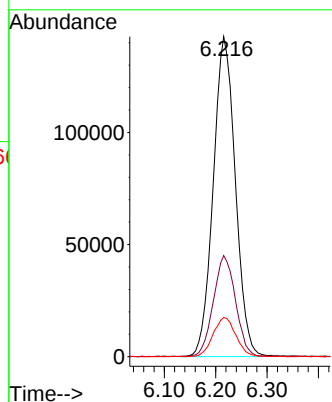
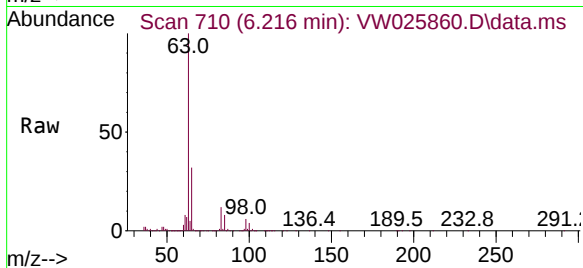
Tgt Ion: 63 Resp: 426196

Ion Ratio Lower Upper

63 100

65 31.6 22.4 41.6

83 12.2 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 24.362 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW025860.D

Acq: 04 May 2023 21:21

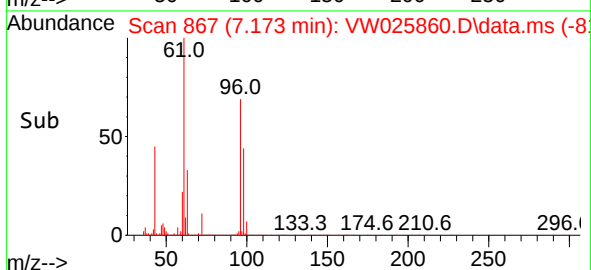
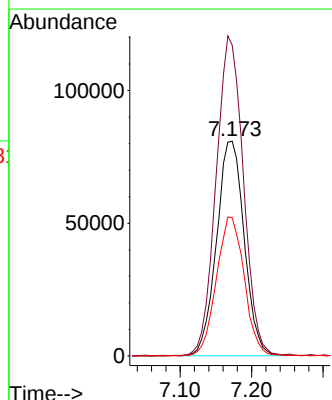
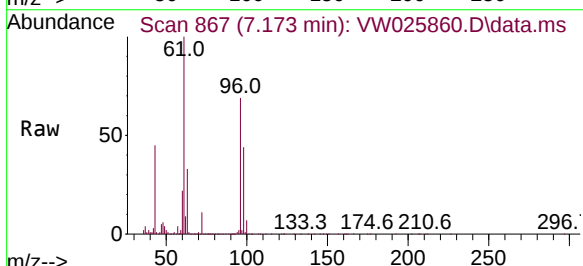
Tgt Ion: 96 Resp: 217038

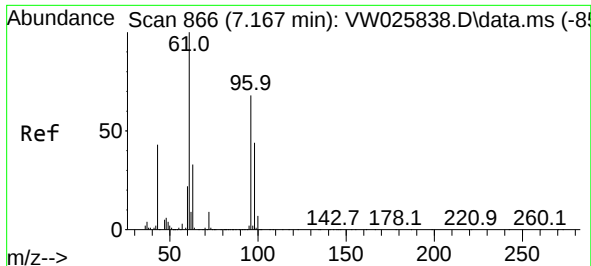
Ion Ratio Lower Upper

96 100

61 144.7 98.6 183.0

98 64.4 45.2 84.0

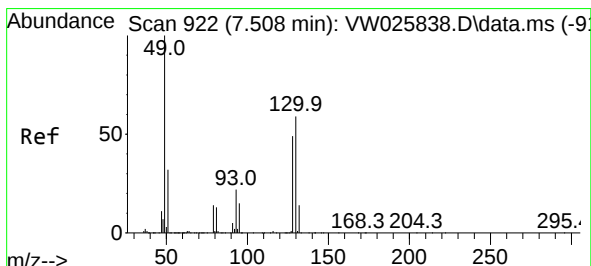
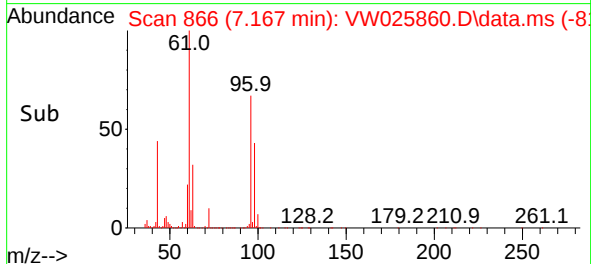
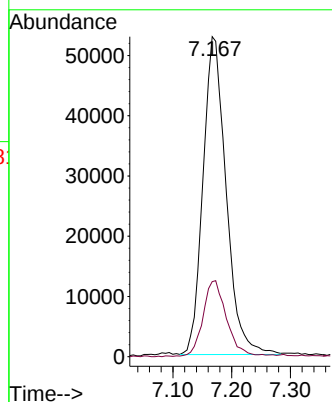
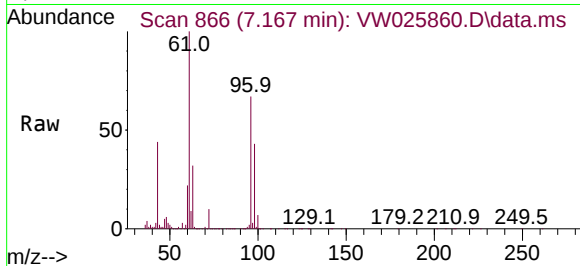




#22
2-Butanone
Concen: 44.283 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

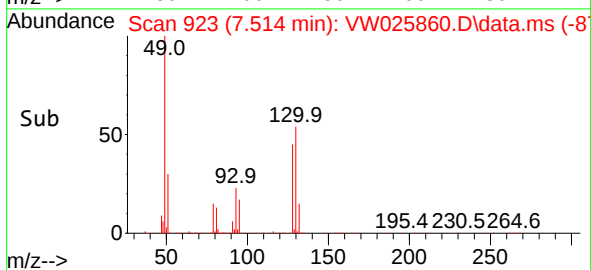
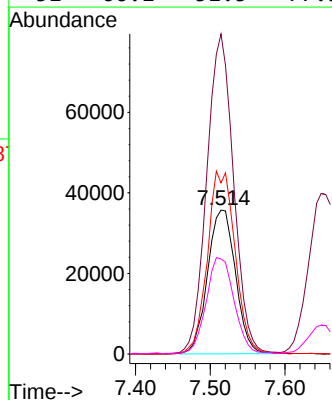
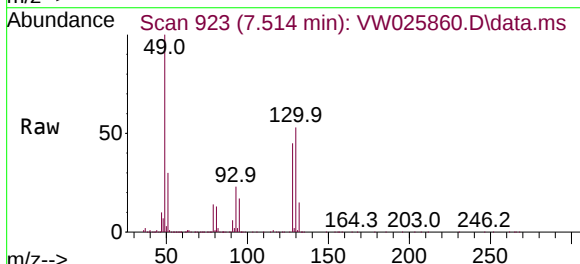
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

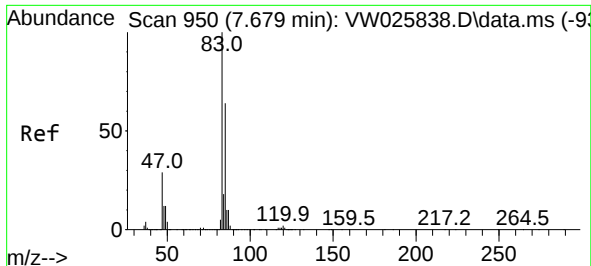
Tgt Ion: 43 Resp: 144563
Ion Ratio Lower Upper
43 100
72 23.9 11.8 35.4



#23
Bromochloromethane
Concen: 24.550 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

Tgt Ion: 128 Resp: 92654
Ion Ratio Lower Upper
128 100
49 222.4 151.5 281.5
130 118.9 91.3 169.6
51 66.1 51.5 77.3

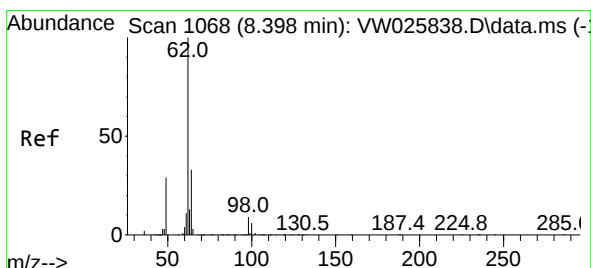
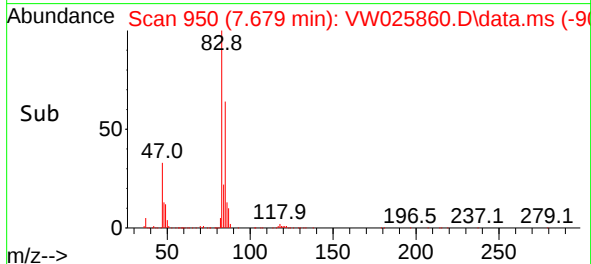
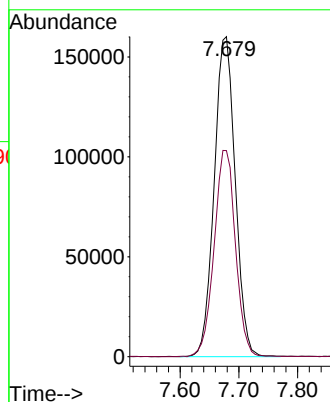
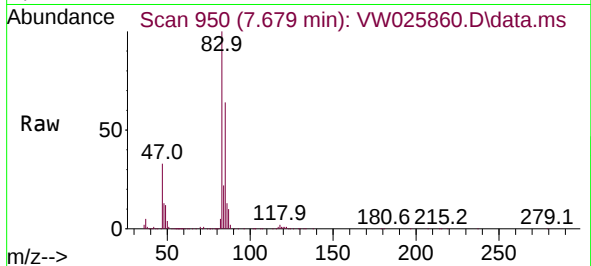




#25
Chloroform
Concen: 25.408 ug/L
RT: 7.679 min Scan# 910
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

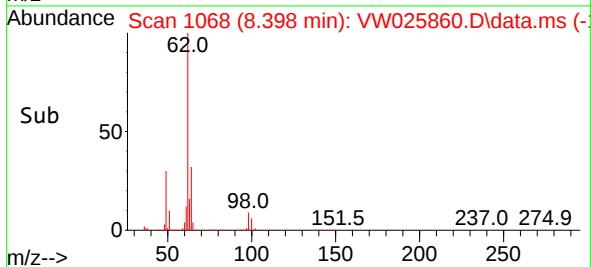
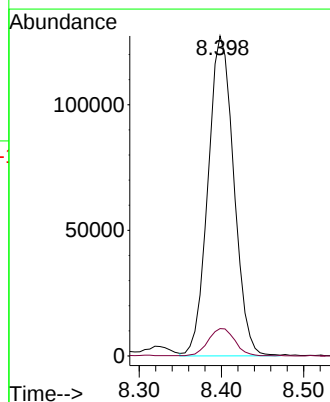
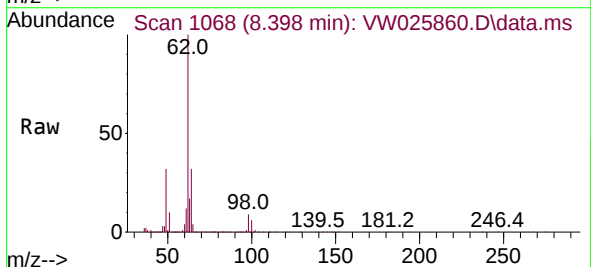
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

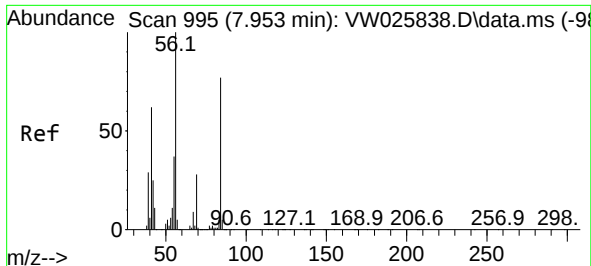
Tgt Ion: 83 Resp: 398419
Ion Ratio Lower Upper
83 100
85 64.4 45.1 83.9



#27
1,2-Dichloroethane
Concen: 24.940 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

Tgt Ion: 62 Resp: 277738
Ion Ratio Lower Upper
62 100
98 8.6 7.2 10.8

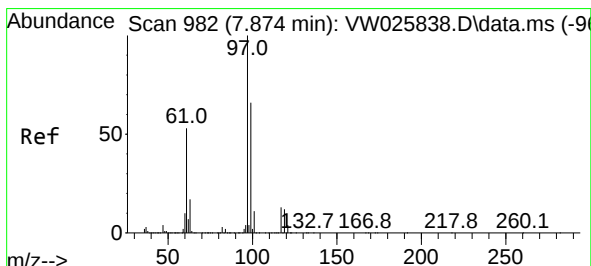
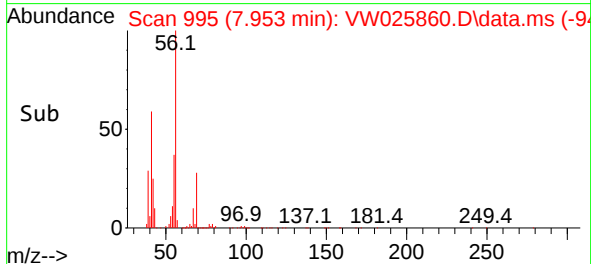
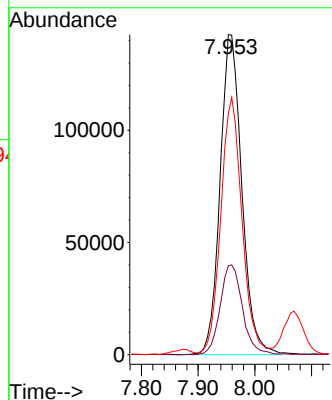
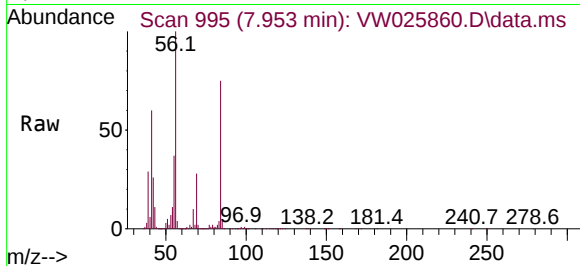




#29
Cyclohexane
Concen: 23.801 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

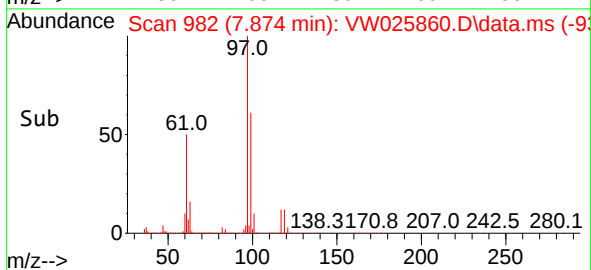
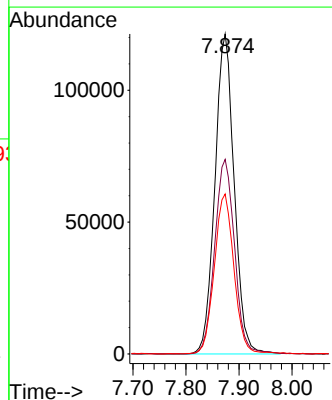
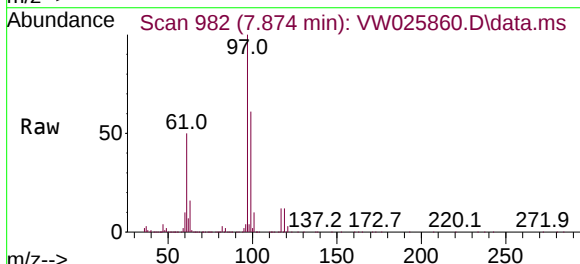
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

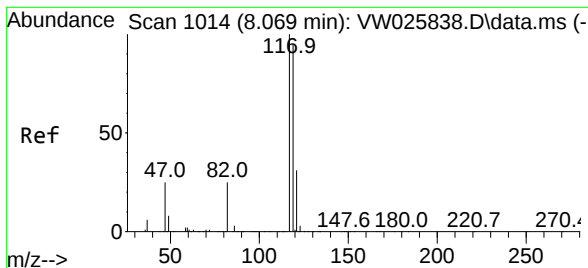
Tgt Ion: 56 Resp: 379135
Ion Ratio Lower Upper
56 100
69 28.6 23.4 35.0
84 78.4 63.3 94.9



#30
1,1,1-Trichloroethane
Concen: 24.380 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

Tgt Ion: 97 Resp: 306485
Ion Ratio Lower Upper
97 100
99 62.8 51.1 76.7
61 50.7 40.4 60.6

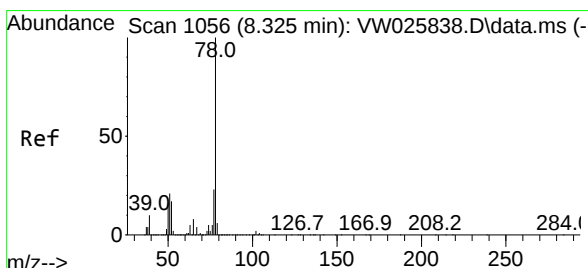
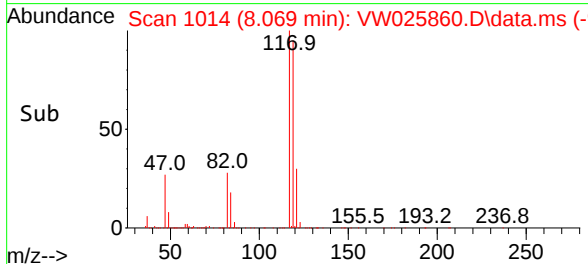
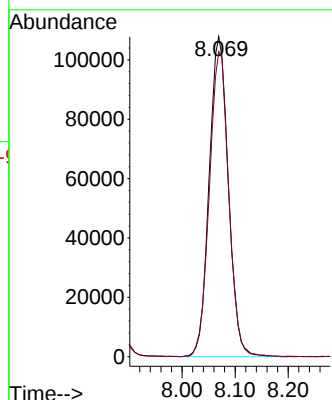
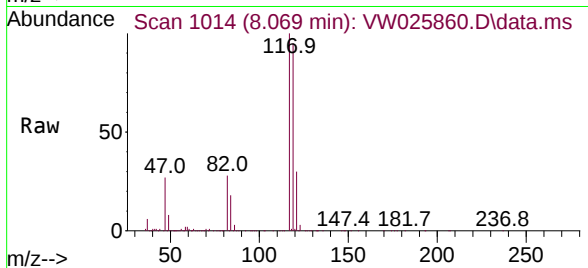




#31
Carbon tetrachloride
Concen: 23.938 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

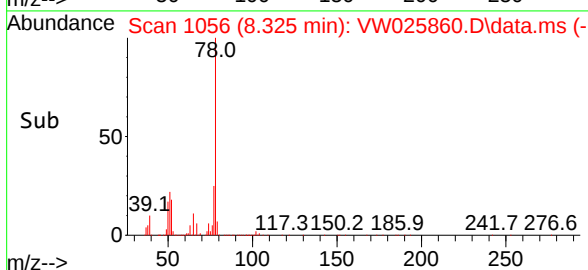
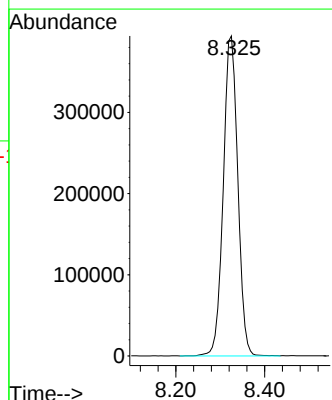
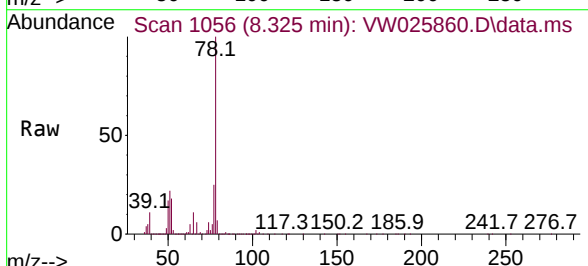
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

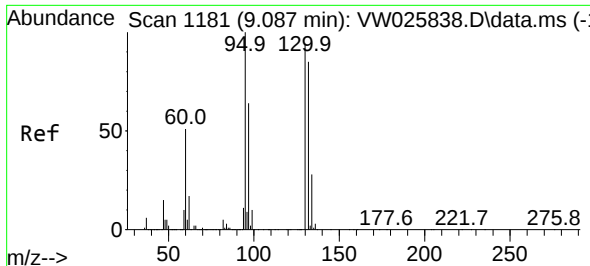
Tgt Ion:117 Resp: 270817
Ion Ratio Lower Upper
117 100
119 96.0 76.9 115.3



#33
Benzene
Concen: 25.037 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

Tgt Ion: 78 Resp: 890398

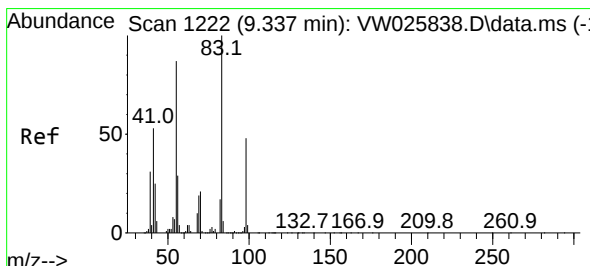
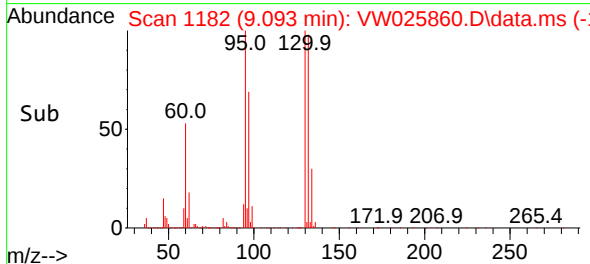
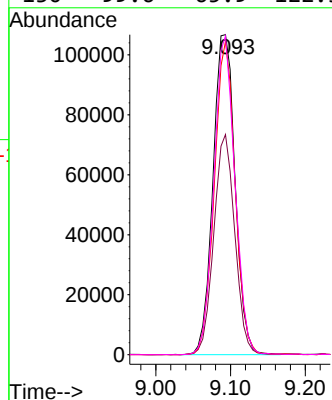
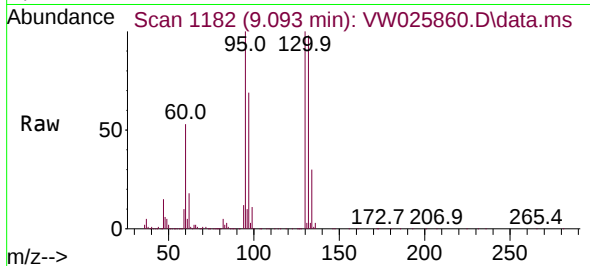




#34
Trichloroethene
Concen: 24.038 ug/L
RT: 9.093 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

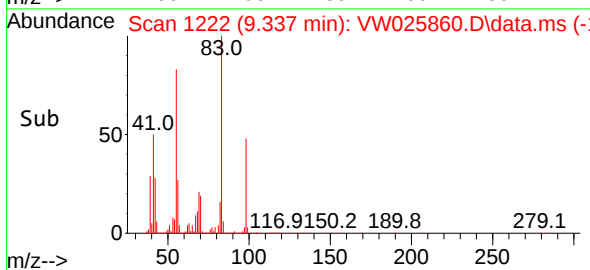
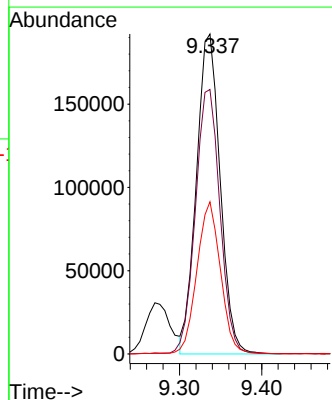
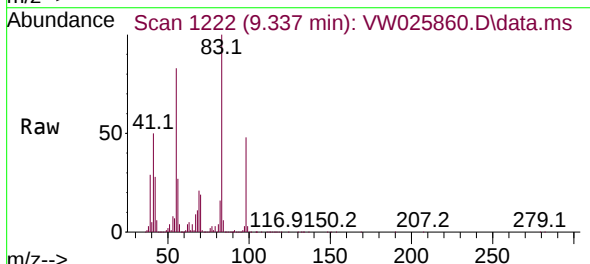
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

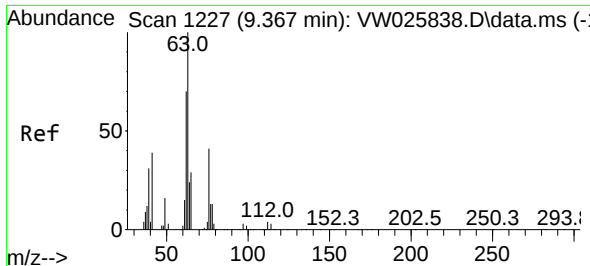
Tgt Ion: 95 Resp: 219360
Ion Ratio Lower Upper
95 100
97 68.8 45.9 85.3
132 97.9 66.0 122.6
130 99.6 65.9 122.3



#35
Methylcyclohexane
Concen: 23.772 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

Tgt Ion: 83 Resp: 385835
Ion Ratio Lower Upper
83 100
55 85.5 69.0 103.4
98 47.1 37.1 55.7

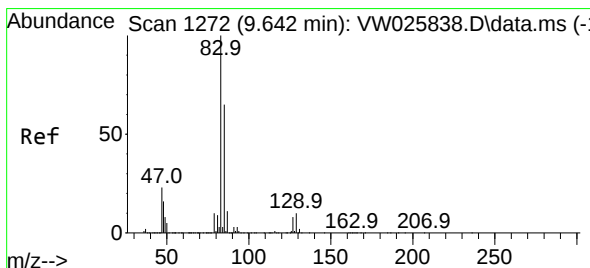
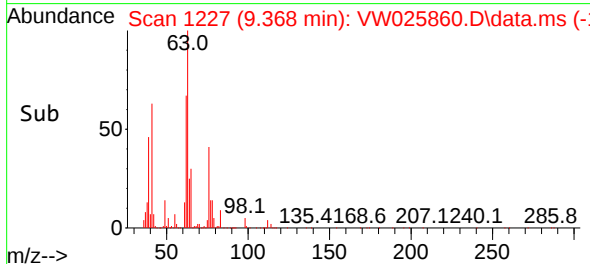
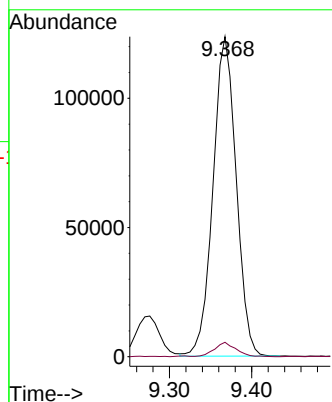
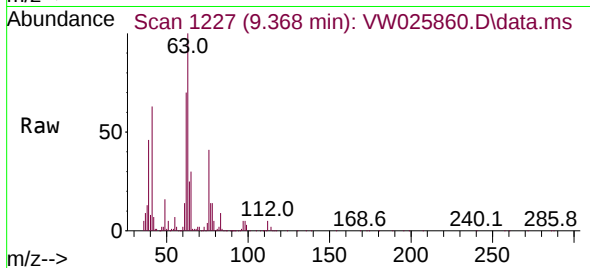




#37
1,2-Dichloropropane
Concen: 24.833 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

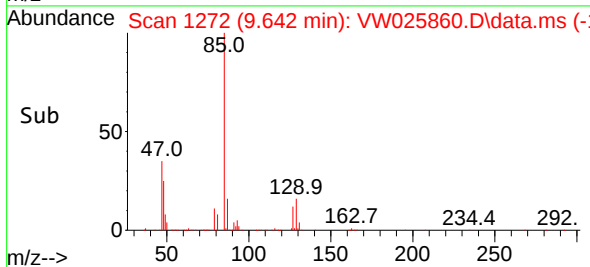
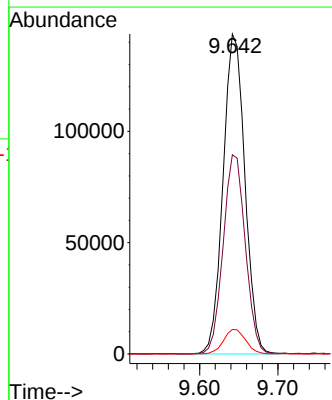
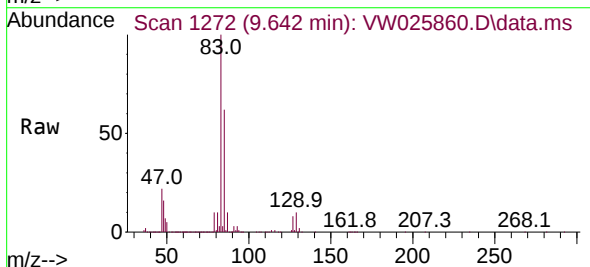
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

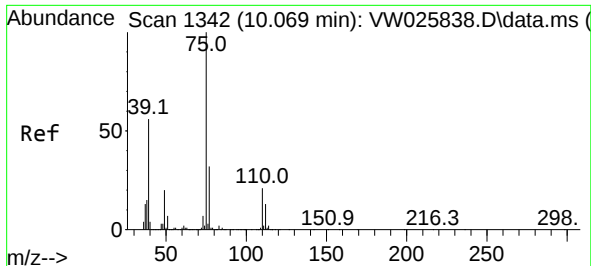
Tgt Ion: 63 Resp: 241959
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9



#38
Bromodichloromethane
Concen: 24.911 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

Tgt Ion: 83 Resp: 278457
Ion Ratio Lower Upper
83 100
85 62.3 44.4 82.5
127 7.7 6.5 9.7

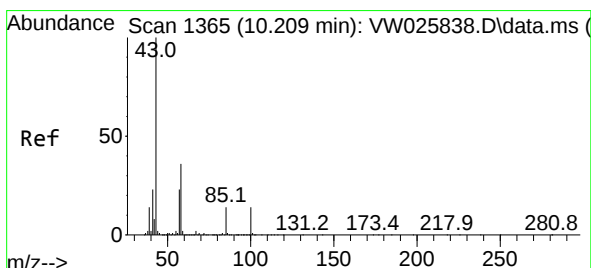
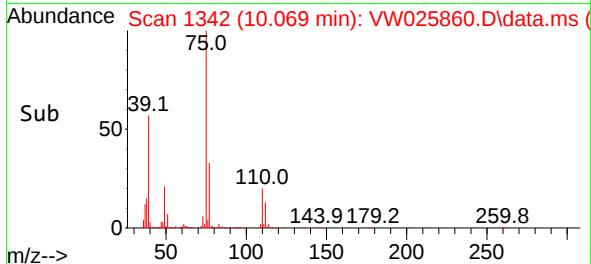
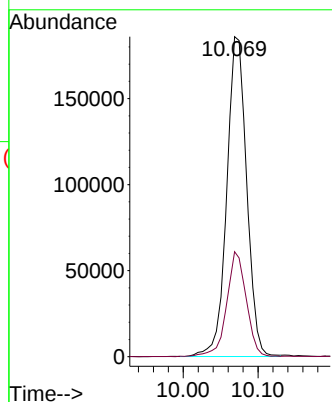
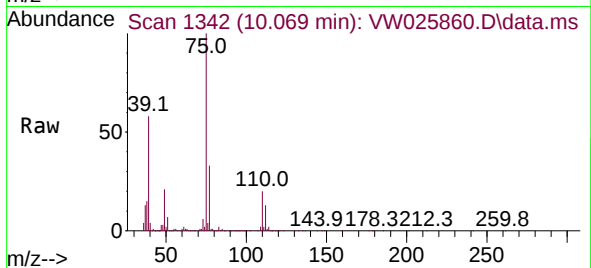




#39
 cis-1,3-Dichloropropene
 Concen: 24.102 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. 0.000 min
 Lab File: VW025860.D
 Acq: 04 May 2023 21:21

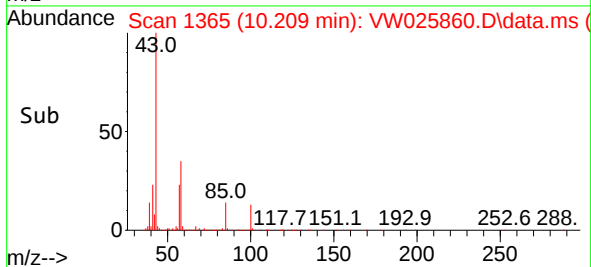
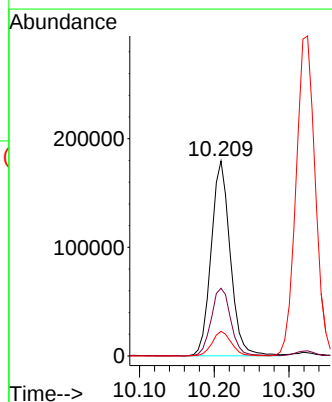
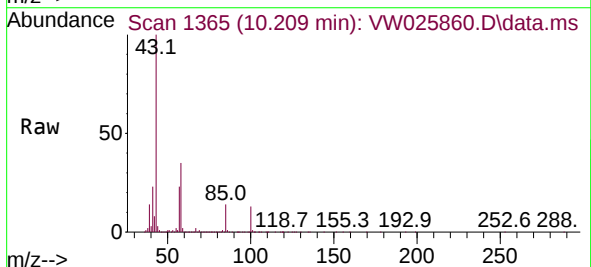
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025595

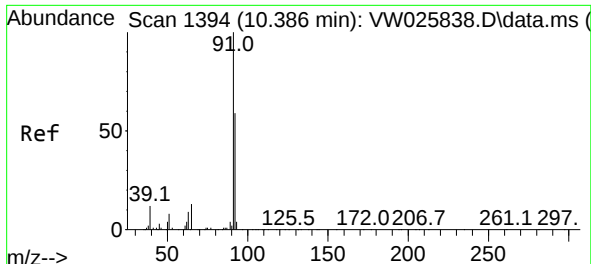
Tgt Ion: 75 Resp: 344388
 Ion Ratio Lower Upper
 75 100
 77 32.8 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 50.155 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW025860.D
 Acq: 04 May 2023 21:21

Tgt Ion: 43 Resp: 318088
 Ion Ratio Lower Upper
 43 100
 58 36.0 29.4 44.0
 100 12.8 10.1 15.1

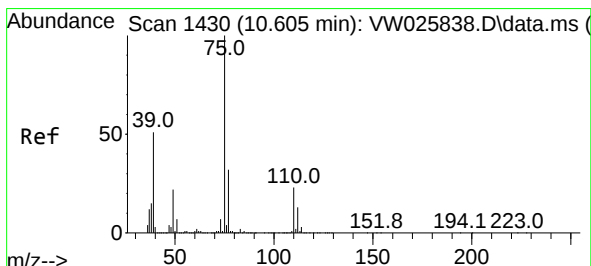
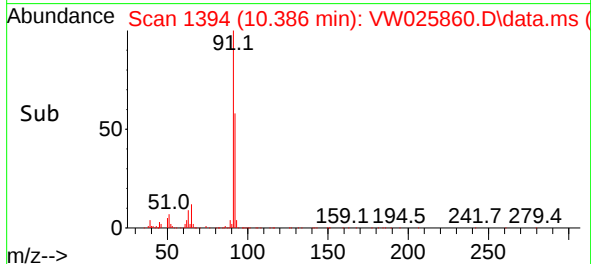
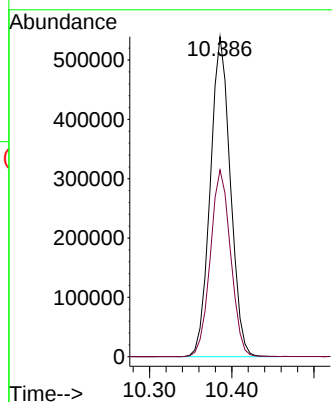
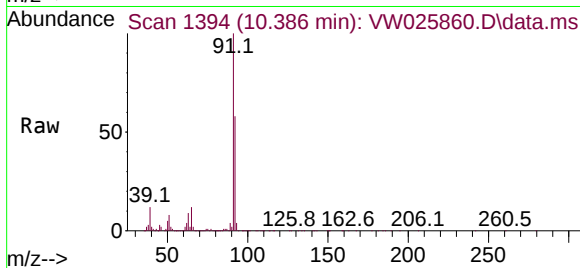




#42
Toluene
Concen: 25.199 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

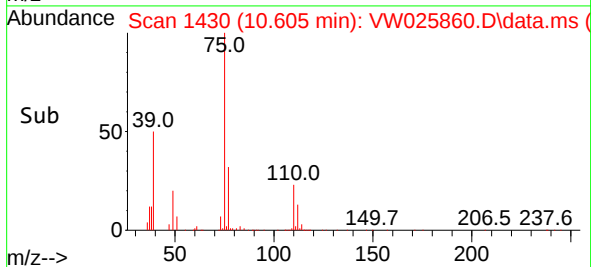
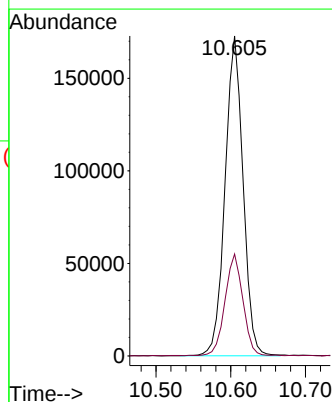
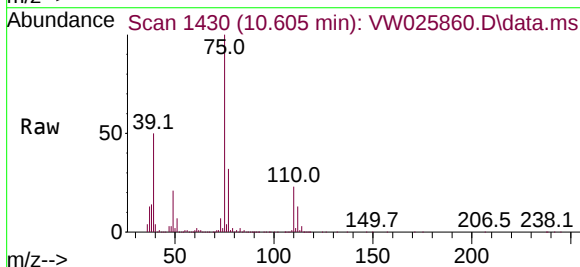
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

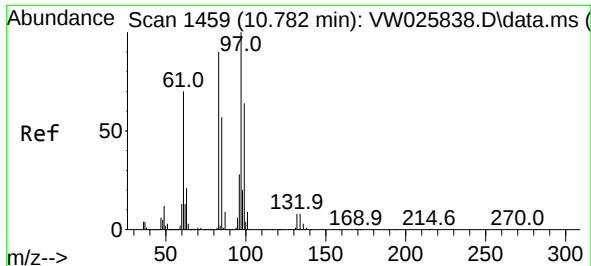
Tgt Ion: 91 Resp: 915678
Ion Ratio Lower Upper
91 100
92 58.4 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 24.483 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

Tgt Ion: 75 Resp: 289867
Ion Ratio Lower Upper
75 100
77 31.9 21.8 40.4

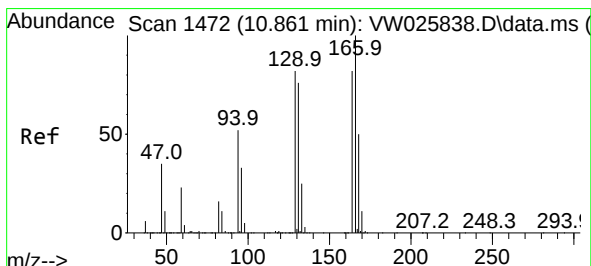
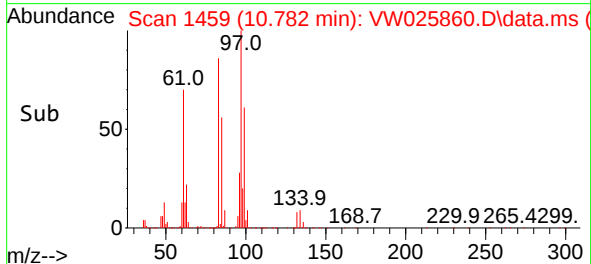
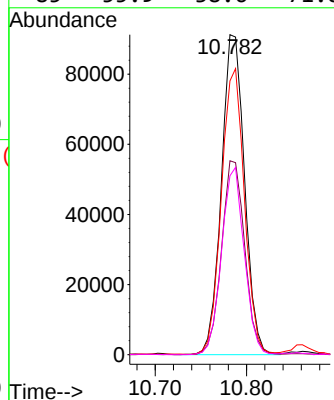
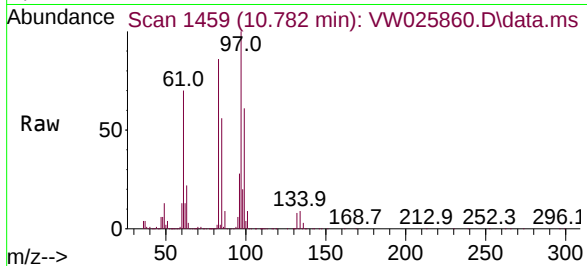




#45
1,1,2-Trichloroethane
Concen: 24.657 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

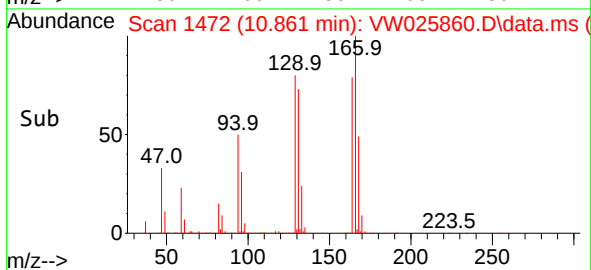
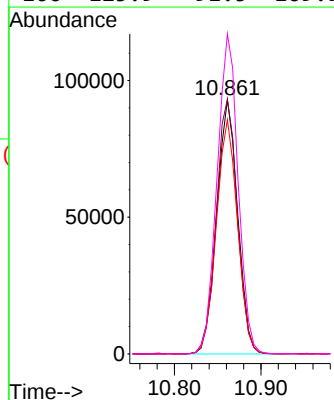
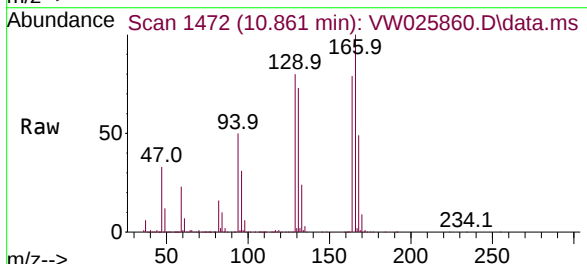
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

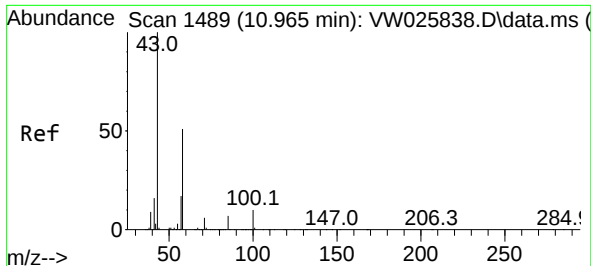
Tgt Ion: 97	Resp: 160703
Ion Ratio	Lower Upper
97 100	
99 60.6	44.5 82.7
83 85.5	63.0 117.0
85 55.9	38.6 71.8



#46
Tetrachloroethene
Concen: 24.330 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

Tgt	Ion:164	Resp:	156200
Ion	Ratio	Lower	Upper
164	100		
129	100.2	74.3	138.1
131	92.1	71.3	132.3
166	125.9	91.5	169.9

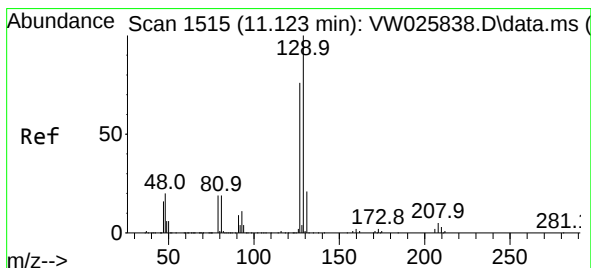
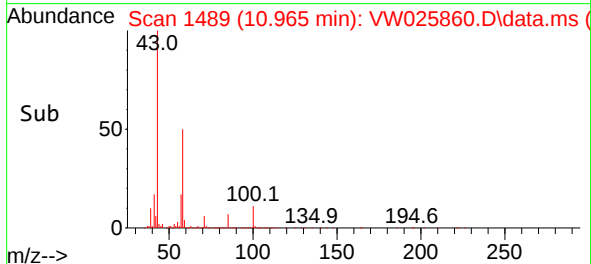
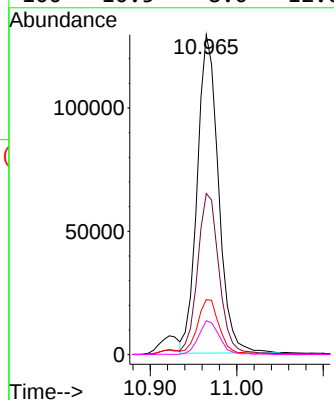
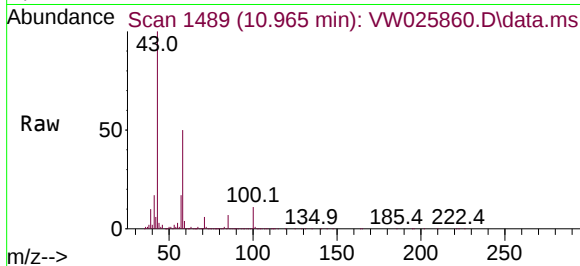




#48
2-Hexanone
Concen: 48.312 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

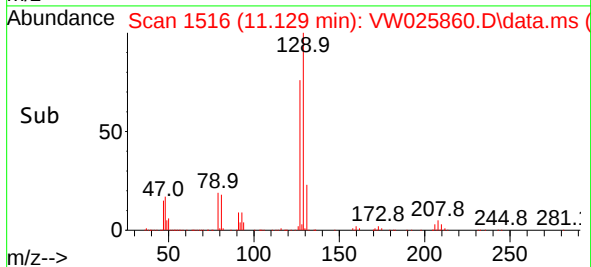
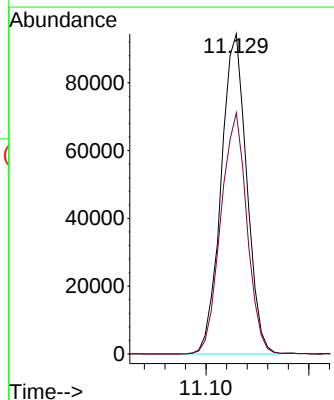
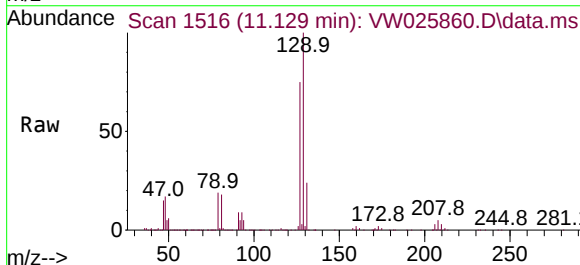
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

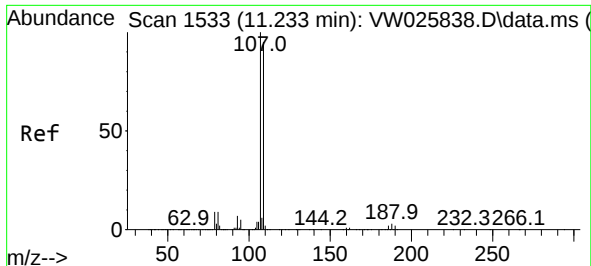
Tgt Ion:	43	Resp:	219500
Ion	Ratio	Lower	Upper
43	100		
58	50.2	40.8	61.2
57	17.8	13.6	20.4
100	10.5	8.0	12.0



#49
Dibromochloromethane
Concen: 24.168 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

Tgt Ion:	129	Resp:	163077
Ion	Ratio	Lower	Upper
129	100		
127	75.3	56.1	104.3





#50

1,2-Dibromoethane

Concen: 24.423 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025860.D

Acq: 04 May 2023 21:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

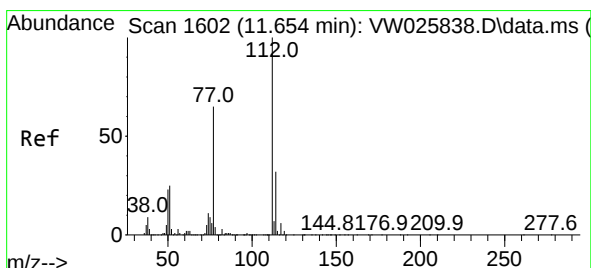
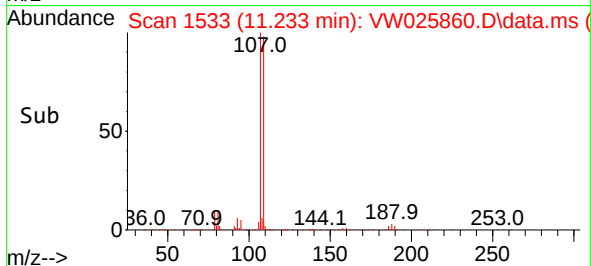
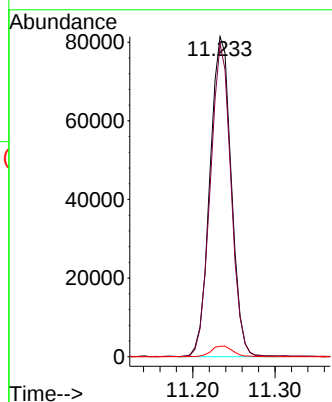
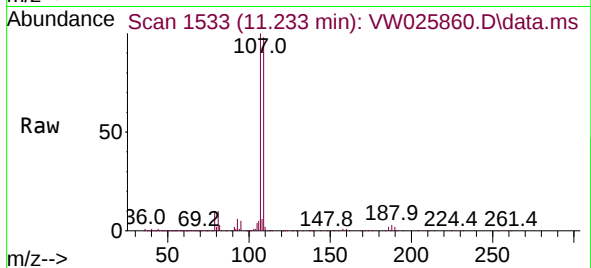
Tgt Ion:107 Resp: 146743

Ion Ratio Lower Upper

107 100

109 97.7 67.5 125.4

188 3.3 2.6 4.0



#51

Chlorobenzene

Concen: 24.842 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW025860.D

Acq: 04 May 2023 21:21

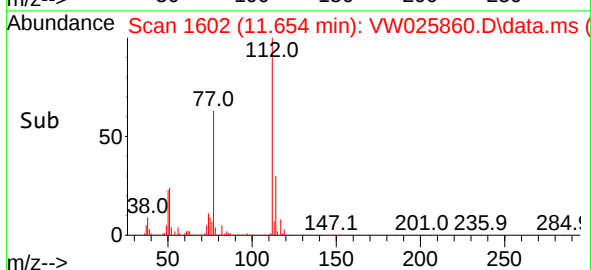
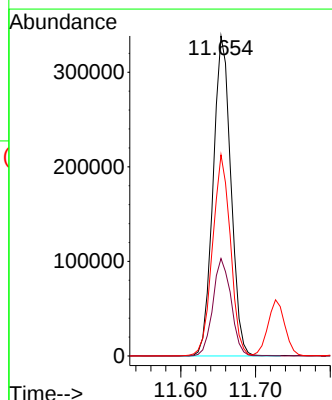
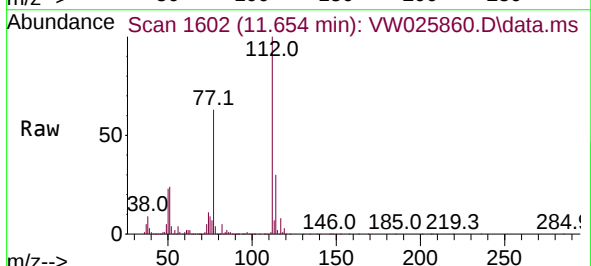
Tgt Ion:112 Resp: 559213

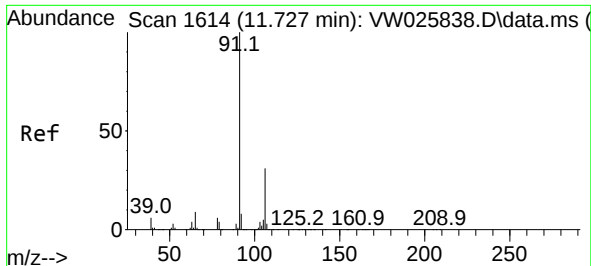
Ion Ratio Lower Upper

112 100

114 30.5 22.7 42.3

77 62.9 53.0 79.6

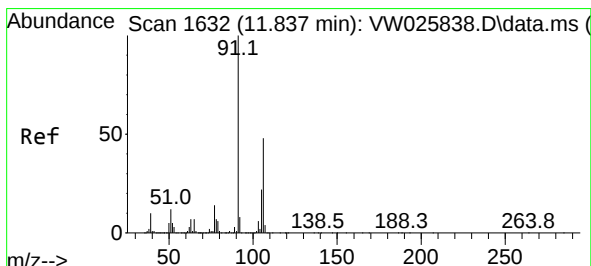
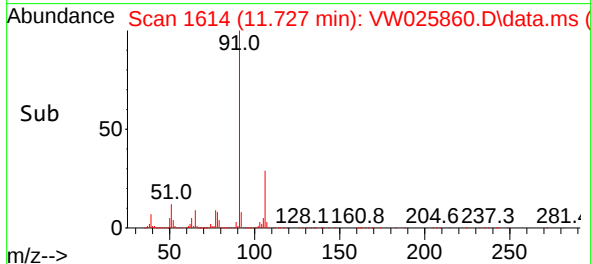
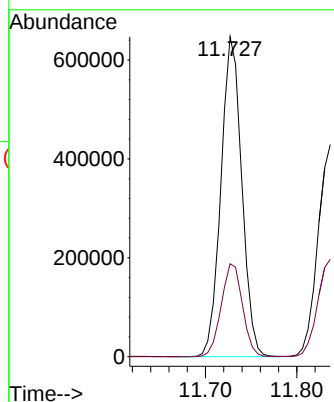
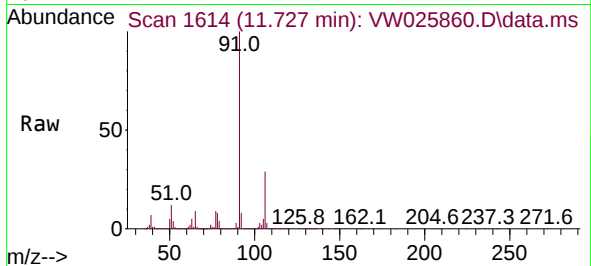




#52
Ethylbenzene
Concen: 25.114 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

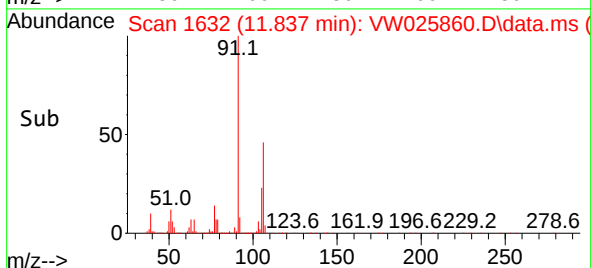
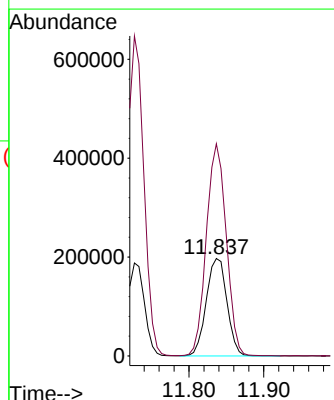
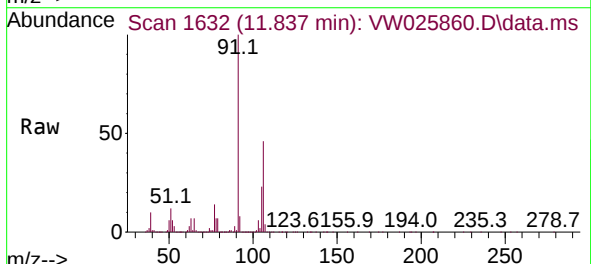
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

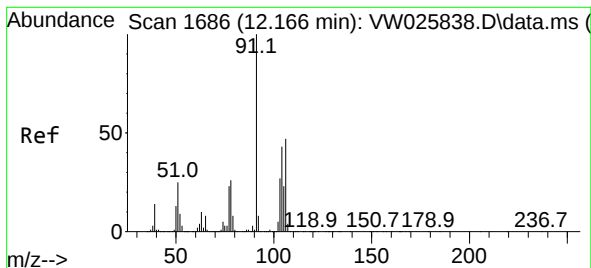
Tgt Ion: 91 Resp: 1026558
Ion Ratio Lower Upper
91 100
106 29.0 20.8 38.6



#53
m,p-Xylene
Concen: 25.159 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

Tgt Ion:106 Resp: 378495
Ion Ratio Lower Upper
106 100
91 217.8 150.1 278.9

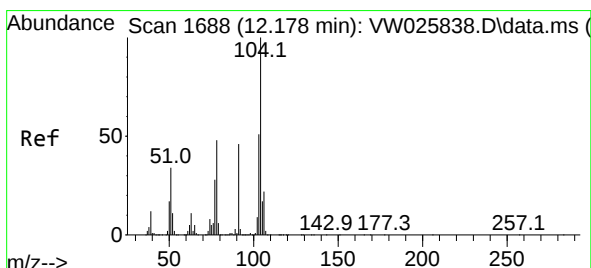
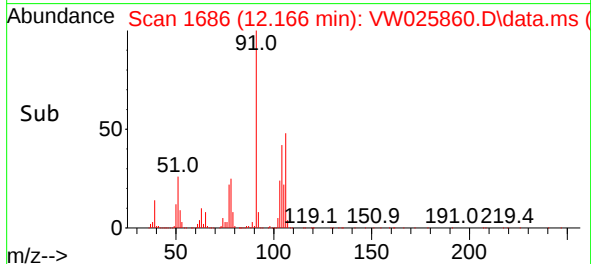
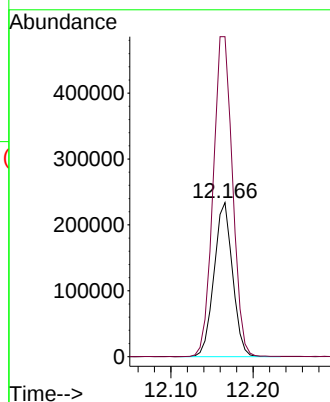
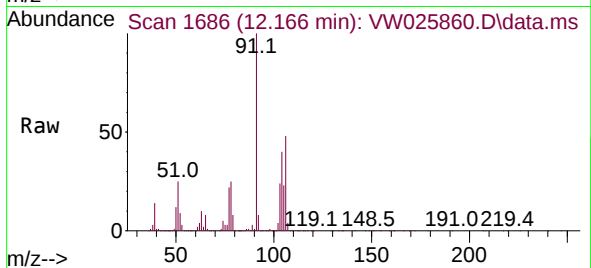




#54
o-Xylene
Concen: 25.764 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

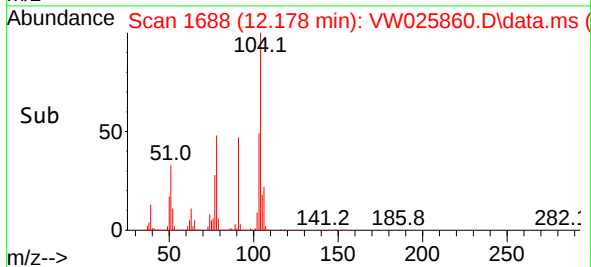
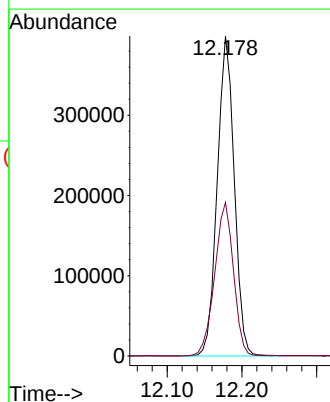
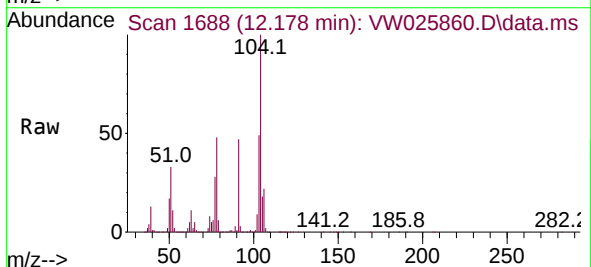
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

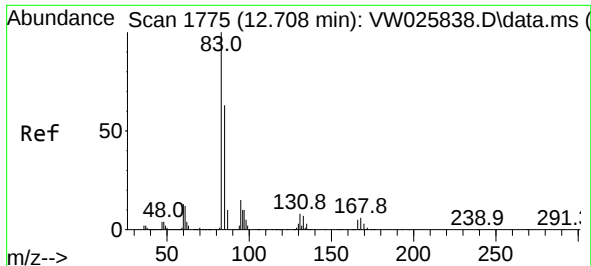
Tgt Ion:106 Resp: 365326
Ion Ratio Lower Upper
106 100
91 207.6 157.8 293.1



#55
Styrene
Concen: 25.983 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

Tgt Ion:104 Resp: 630613
Ion Ratio Lower Upper
104 100
78 48.0 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 24.437 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW025860.D

Acq: 04 May 2023 21:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

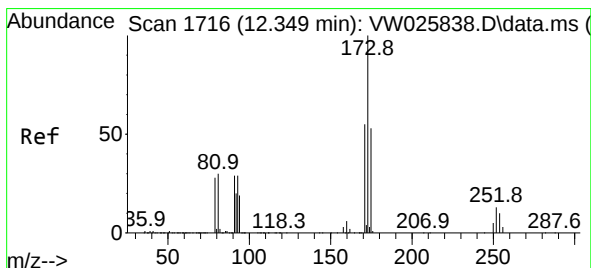
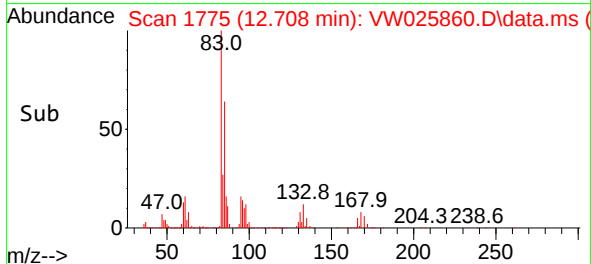
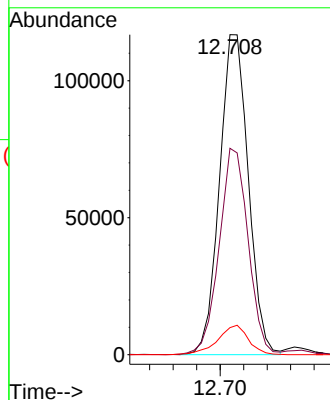
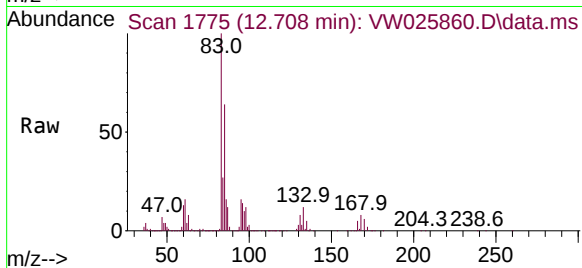
Tgt Ion: 83 Resp: 198733

Ion Ratio Lower Upper

83 100

85 64.5 45.6 84.8

131 8.5 8.1 12.1



#59

Bromoform

Concen: 23.883 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW025860.D

Acq: 04 May 2023 21:21

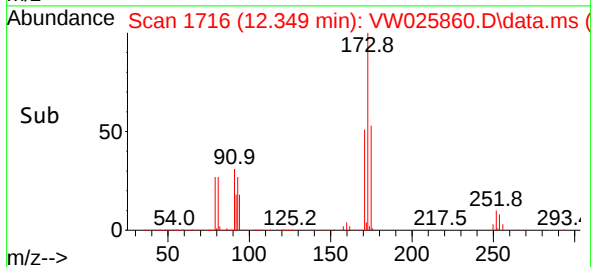
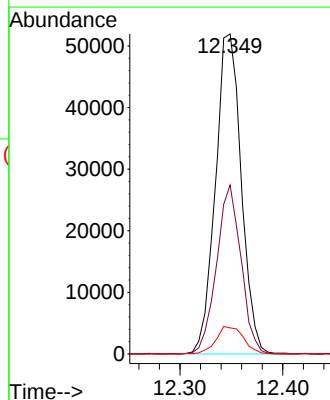
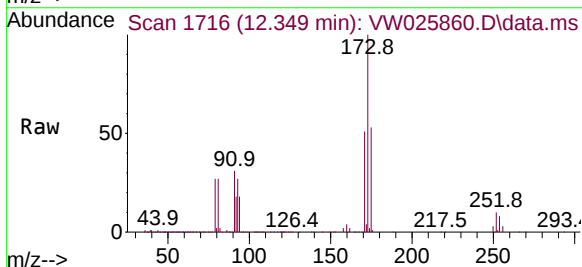
Tgt Ion:173 Resp: 90624

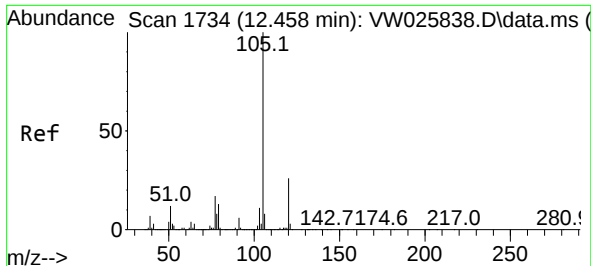
Ion Ratio Lower Upper

173 100

175 49.9 38.6 57.8

254 9.2 7.6 11.4

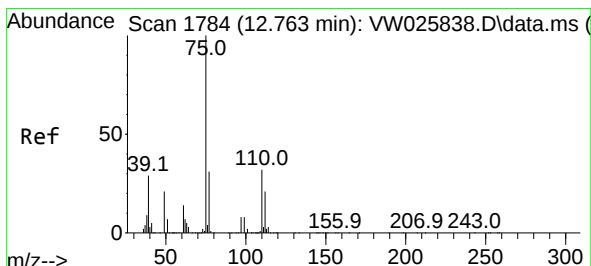
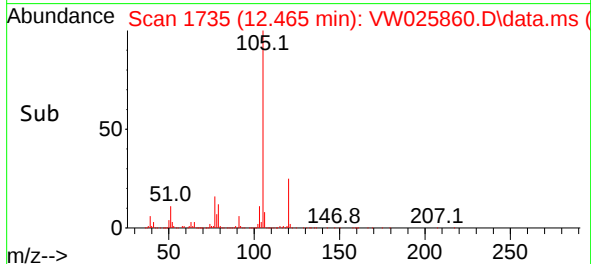
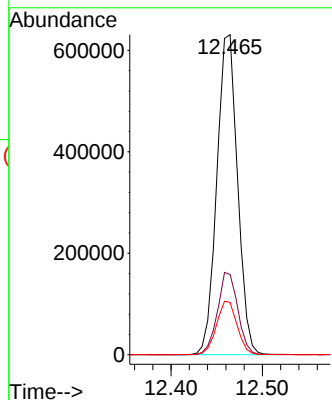
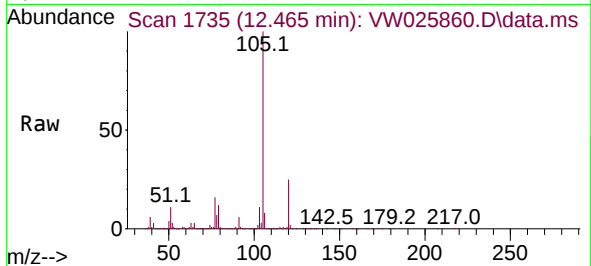




#60
Isopropylbenzene
Concen: 25.553 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

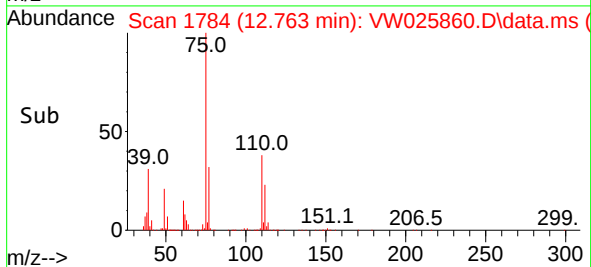
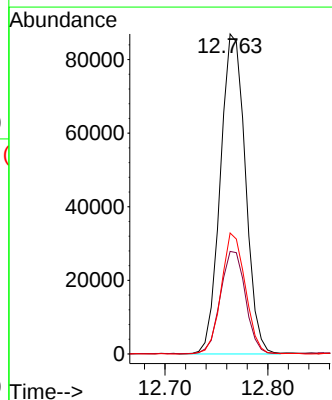
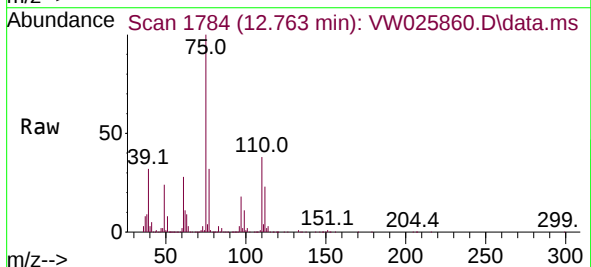
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

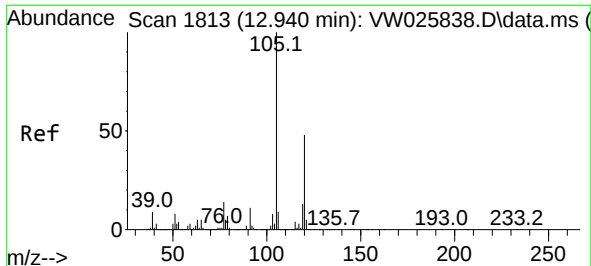
Tgt Ion:105 Resp: 995042
Ion Ratio Lower Upper
105 100
120 25.3 21.1 31.7
77 16.6 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 24.263 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

Tgt Ion: 75 Resp: 146899
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
110 36.3 27.6 41.4

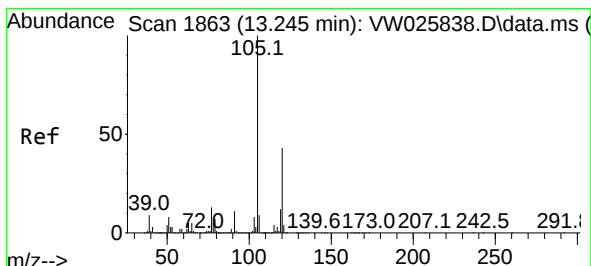
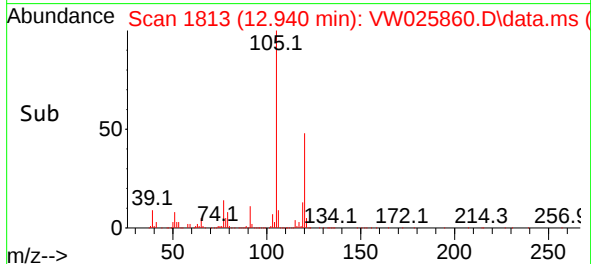
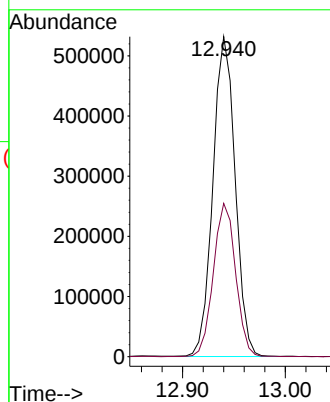
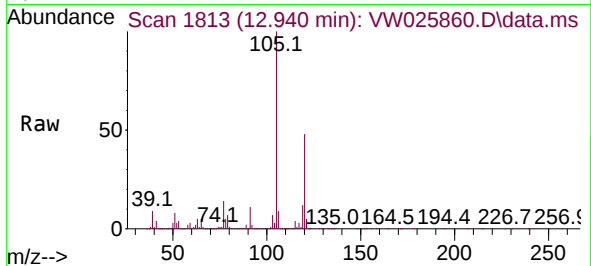




#62
1,3,5-Trimethylbenzene
Concen: 25.930 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

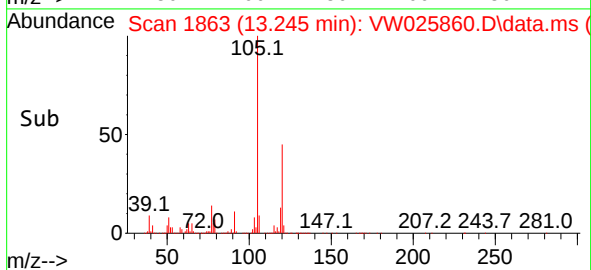
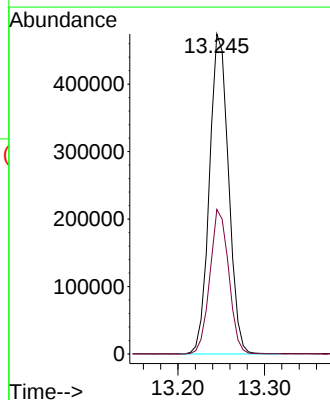
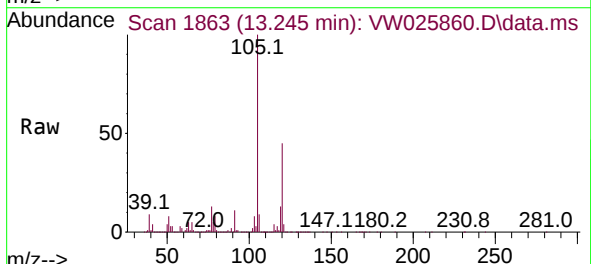
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

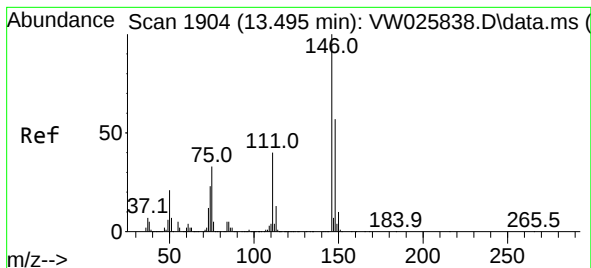
Tgt Ion:105 Resp: 799739
Ion Ratio Lower Upper
105 100
120 47.8 37.1 55.7



#63
1,2,4-Trimethylbenzene
Concen: 25.510 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW025860.D
Acq: 04 May 2023 21:21

Tgt Ion:105 Resp: 726045
Ion Ratio Lower Upper
105 100
120 44.7 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 24.638 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW025860.D

Acq: 04 May 2023 21:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

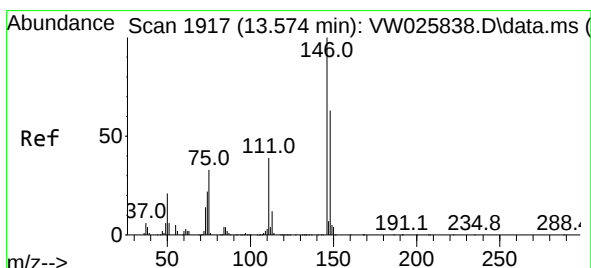
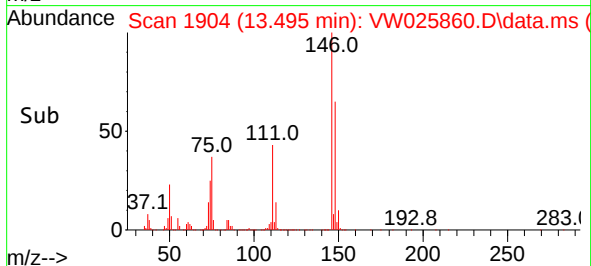
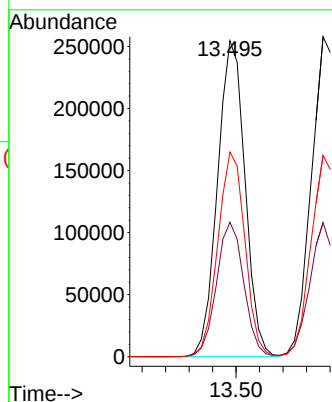
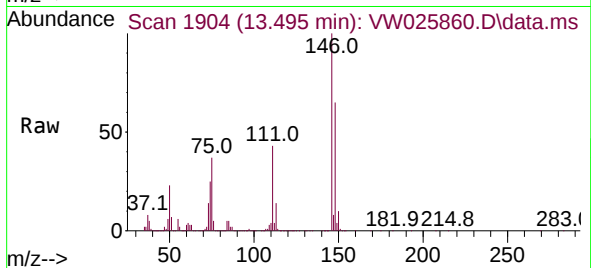
Tgt Ion:146 Resp: 413012

Ion Ratio Lower Upper

146 100

111 42.6 30.4 56.4

148 64.8 40.8 75.8



#65

1,4-Dichlorobenzene

Concen: 24.341 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW025860.D

Acq: 04 May 2023 21:21

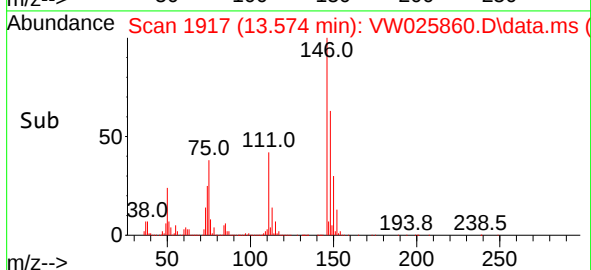
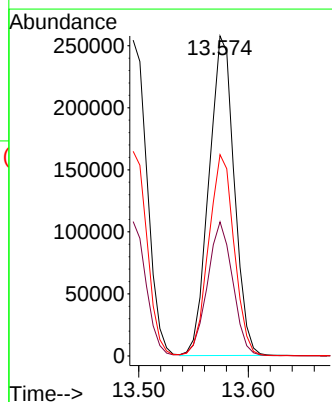
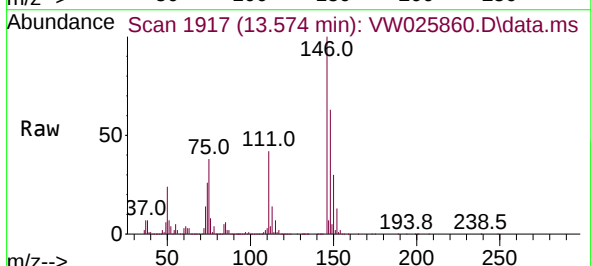
Tgt Ion:146 Resp: 412235

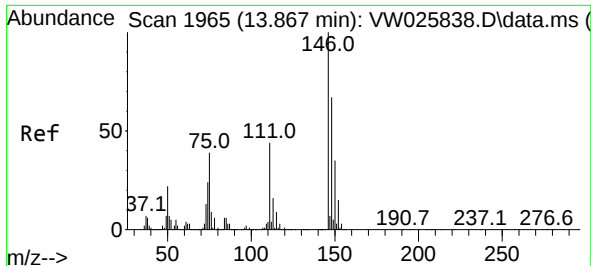
Ion Ratio Lower Upper

146 100

111 41.9 27.9 51.9

148 62.9 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 24.649 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025860.D

Acq: 04 May 2023 21:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

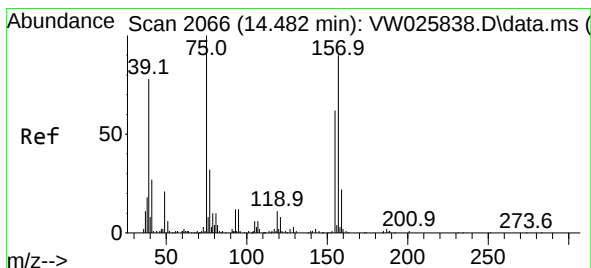
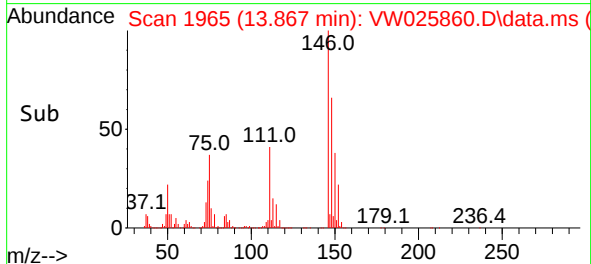
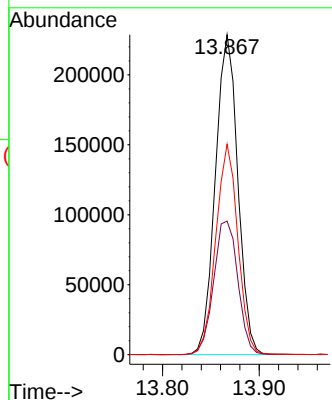
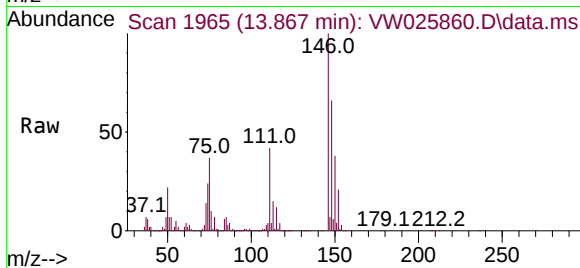
Tgt Ion:146 Resp: 368489

Ion Ratio Lower Upper

146 100

111 41.7 37.7 56.5

148 65.8 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.698 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW025860.D

Acq: 04 May 2023 21:21

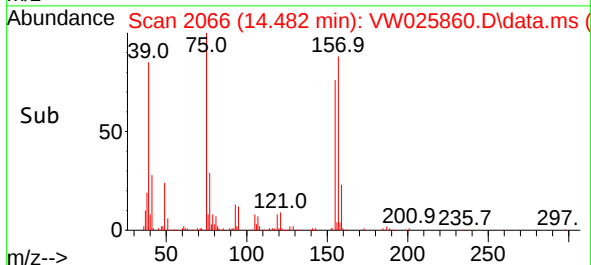
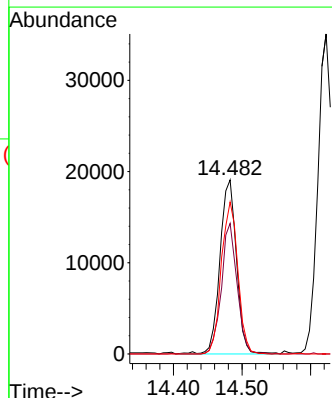
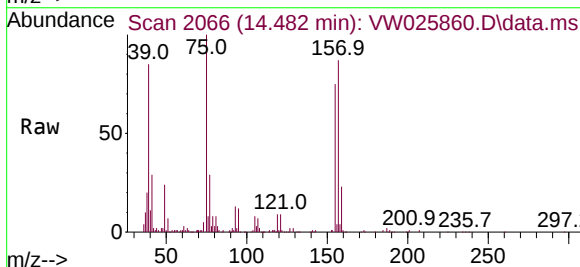
Tgt Ion: 75 Resp: 31866

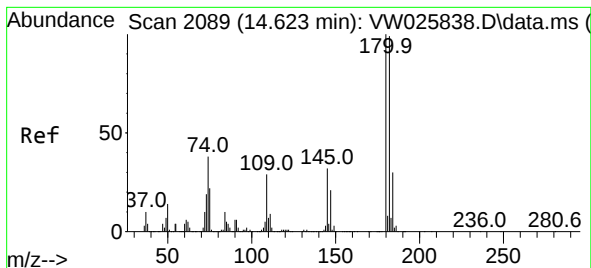
Ion Ratio Lower Upper

75 100

155 75.0 56.3 84.5

157 87.3 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 22.983 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW025860.D

Acq: 04 May 2023 21:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

Tgt Ion:180 Resp: 255737

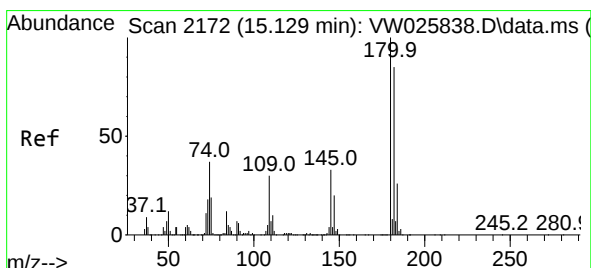
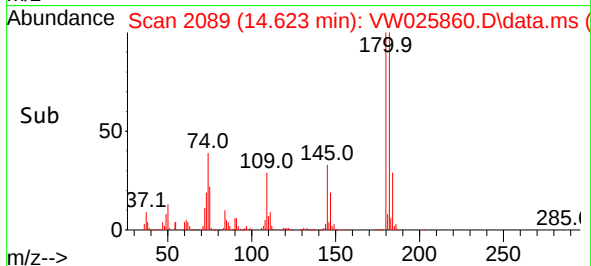
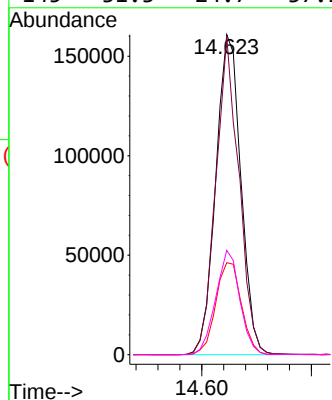
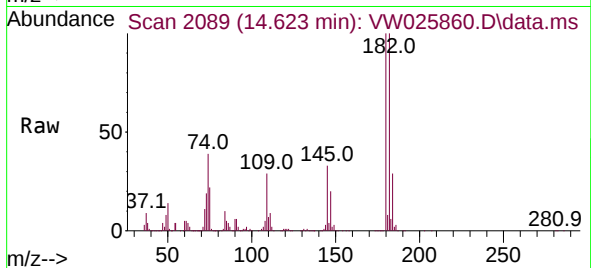
Ion Ratio Lower Upper

180 100

182 91.6 77.4 116.0

184 29.5 24.7 37.1

145 31.3 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 22.427 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW025860.D

Acq: 04 May 2023 21:21

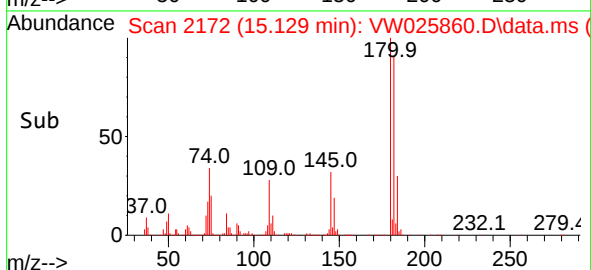
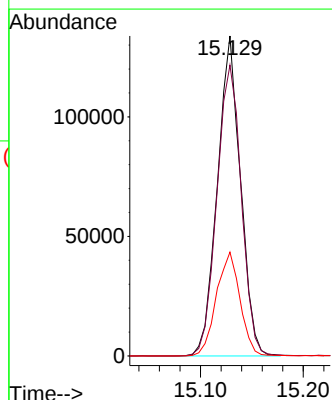
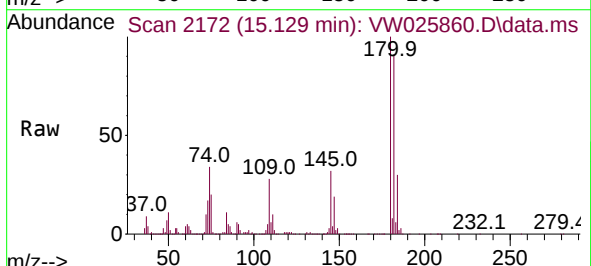
Tgt Ion:180 Resp: 209070

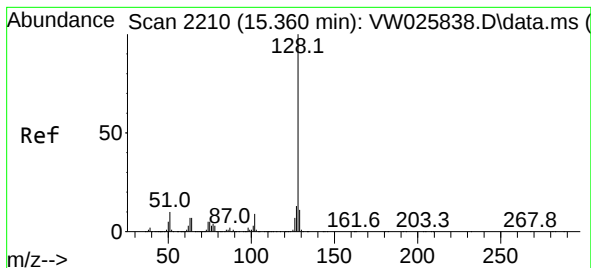
Ion Ratio Lower Upper

180 100

182 96.2 74.3 111.5

145 33.2 25.4 38.0





#71

Naphthalene

Concen: 24.743 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW025860.D

Acq: 04 May 2023 21:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

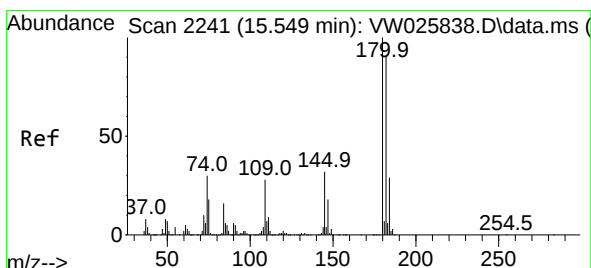
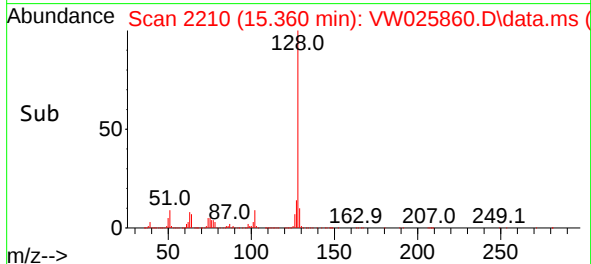
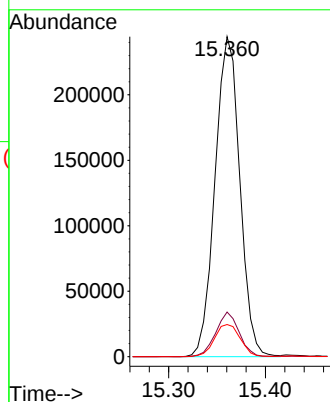
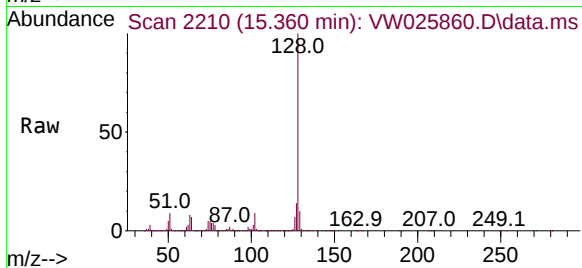
Tgt Ion:128 Resp: 435344

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.5 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 23.787 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW025860.D

Acq: 04 May 2023 21:21

Tgt Ion:180 Resp: 196752

Ion Ratio Lower Upper

180 100

182 91.1 76.1 114.1

145 35.2 28.0 42.0

