

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050323\
 Data File : VW025836.D
 Acq On : 03 May 2023 18:57
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025593

Quant Time: May 04 01:28:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 01:22:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	588902	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	523234	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	255139	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	203929	24.437	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.760%
7) Chloroethane-d5	2.899	69	158608	25.636	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.560%
11) 1,1-Dichloroethene-d2	4.027	65	98662	23.611	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.440%
21) 2-Butanone-d5	7.075	46	128621	46.622	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.240%
24) Chloroform-d	7.648	84	429602	25.299	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	8.307	65	235074	24.481	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.920%
32) Benzene-d6	8.276	84	866635	25.348	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	9.270	67	274303	25.076	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.320%
41) Toluene-d8	10.319	98	761788	24.987	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.960%
43) trans-1,3-Dichloroprop...	10.575	79	102356	23.084	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.320%
47) 2-Hexanone-d5	10.922	63	92078	49.363	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	210097	25.199	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	230463	24.779	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	139796	21.248	ug/L	94
3) Chloromethane	2.222	50	250431	25.815	ug/L	99
5) Vinyl chloride	2.375	62	249629	24.861	ug/L	97
6) Bromomethane	2.789	94	136814	25.052	ug/L	98
8) Chloroethane	2.930	64	144883	25.376	ug/L	98
9) Trichlorofluoromethane	3.265	101	154841	20.434	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	199836	24.249	ug/L	98
12) 1,1-Dichloroethene	4.051	96	188200	23.895	ug/L	98
13) Acetone	4.118	43	93048	38.037	ug/L	98
14) Carbon disulfide	4.393	76	641587	24.088	ug/L	99
15) Methyl Acetate	4.673	43	118247	24.529	ug/L	99
16) Methylene chloride	4.917	84	228246	18.794	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	210621	24.513	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	321618	24.663	ug/L	99
19) 1,1-Dichloroethane	6.216	63	444333	25.170	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	229452	24.892	ug/L	99
22) 2-Butanone	7.173	43	148039	43.827	ug/L	99
23) Bromochloromethane	7.508	128	95923	24.563	ug/L	98
25) Chloroform	7.673	83	412257	25.409	ug/L	99

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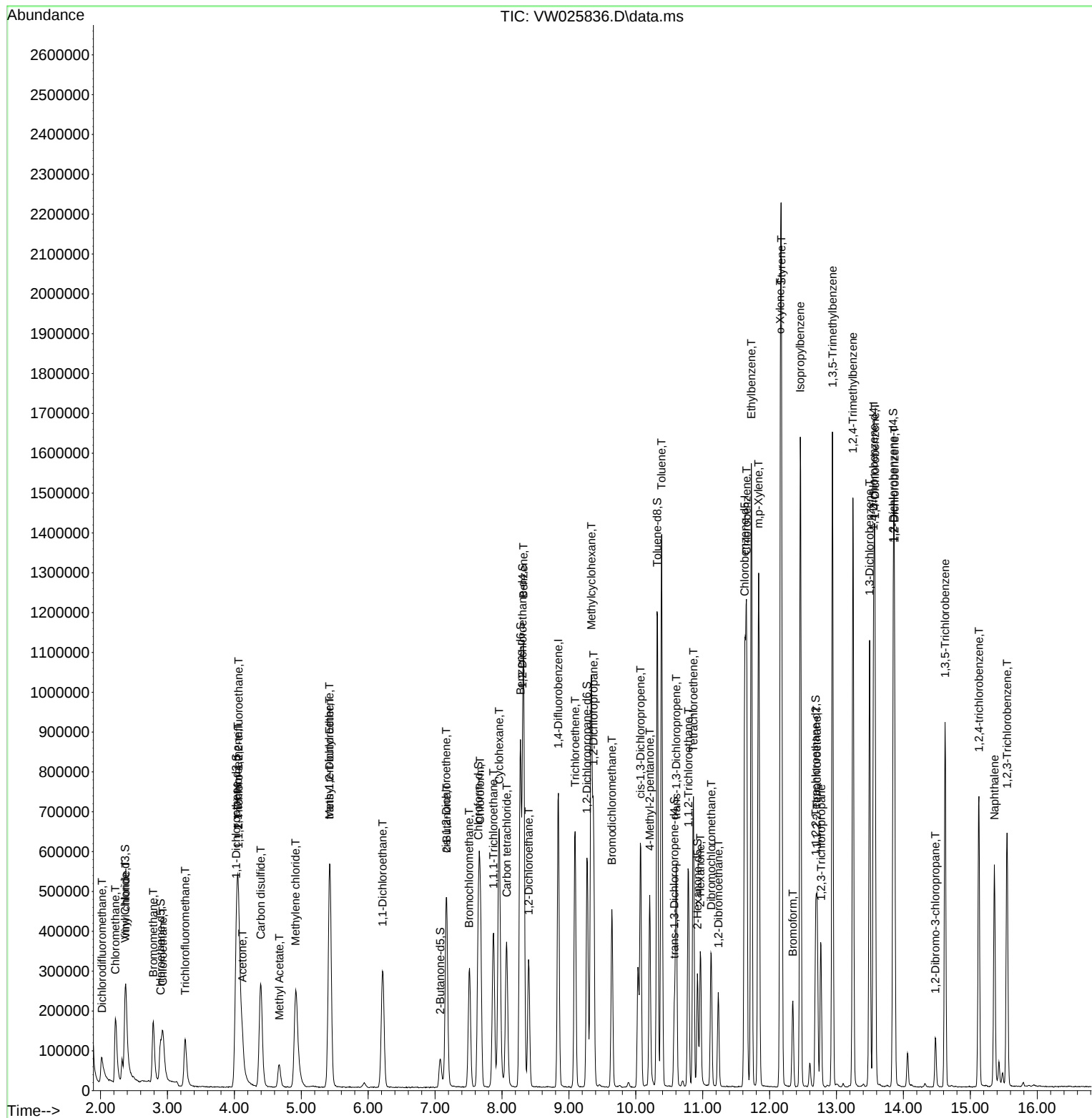
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	285488	24.776	ug/L	99
29) Cyclohexane	7.959	56	392521	24.208	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	311425	24.337	ug/L	99
31) Carbon tetrachloride	8.069	117	281921	24.481	ug/L	97
33) Benzene	8.319	78	923303	25.506	ug/L	100
34) Trichloroethene	9.093	95	230803	24.846	ug/L	98
35) Methylcyclohexane	9.337	83	393805	23.836	ug/L	99
37) 1,2-Dichloropropane	9.367	63	253919	25.602	ug/L	100
38) Bromodichloromethane	9.642	83	287909	25.303	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	354936	24.404	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	330952	51.266	ug/L	100
42) Toluene	10.386	91	947774	25.623	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	295220	24.497	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	167960	25.317	ug/L	96
46) Tetrachloroethene	10.861	164	156822	23.997	ug/L	95
48) 2-Hexanone	10.965	43	225449	48.749	ug/L	99
49) Dibromochloromethane	11.129	129	171786	25.011	ug/L	94
50) 1,2-Dibromoethane	11.233	107	152968	25.011	ug/L	94
51) Chlorobenzene	11.654	112	575091	25.098	ug/L	99
52) Ethylbenzene	11.727	91	1062016	25.525	ug/L	100
53) m,p-Xylene	11.837	106	387214	25.286	ug/L	97
54) o-Xylene	12.160	106	372008	25.773	ug/L	99
55) Styrene	12.178	104	647611	26.214	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	207178	25.027	ug/L	97
59) Bromoform	12.349	173	91605	24.240	ug/L	98
60) Isopropylbenzene	12.458	105	1007792	25.986	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	153456	25.449	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	816728	26.588	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	738028	26.036	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	404216	24.212	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	421175	24.970	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	380379	25.548	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	32612	23.324	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	256088	23.108	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	212652	22.905	ug/L	98
71) Naphthalene	15.360	128	442073	25.228	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	201900	24.509	ug/L	96

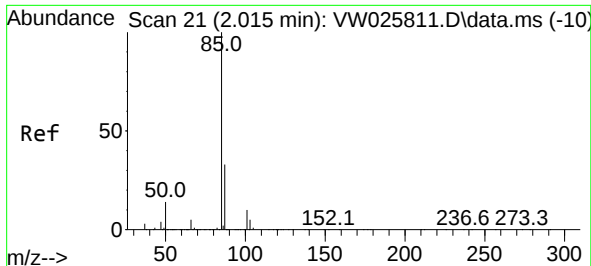
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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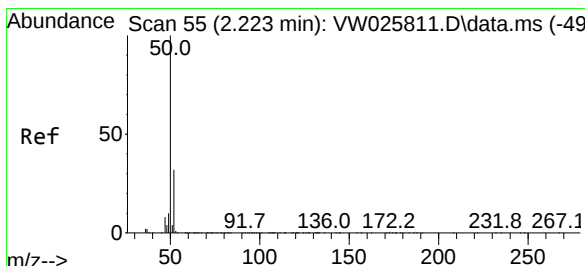
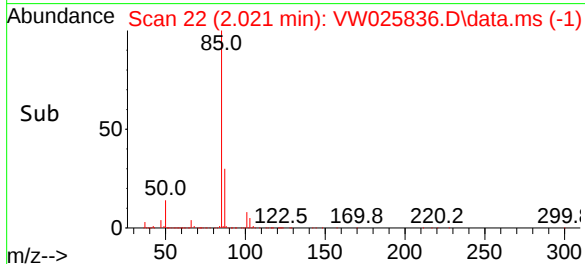
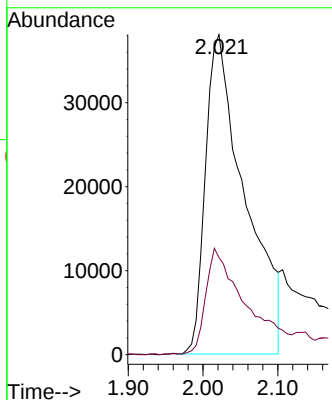
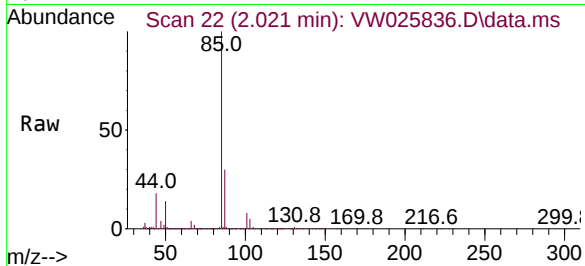




#2
 Dichlorodifluoromethane
 Concen: 21.248 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW025836.D
 Acq: 03 May 2023 18:57

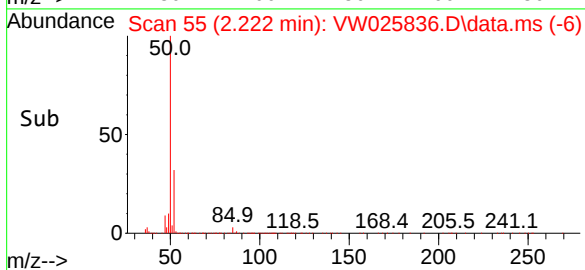
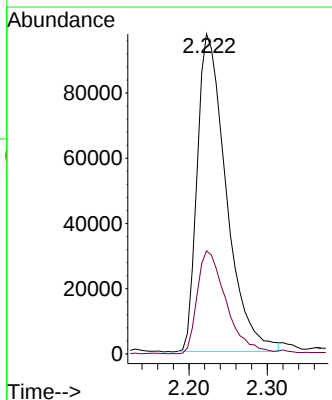
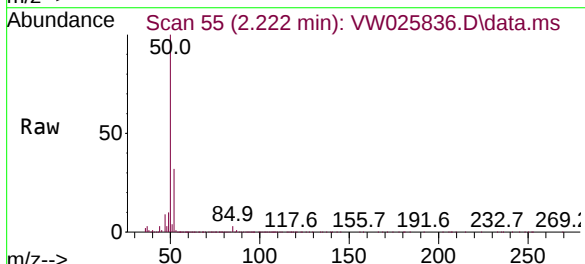
Instrument :
 MSVOA_W
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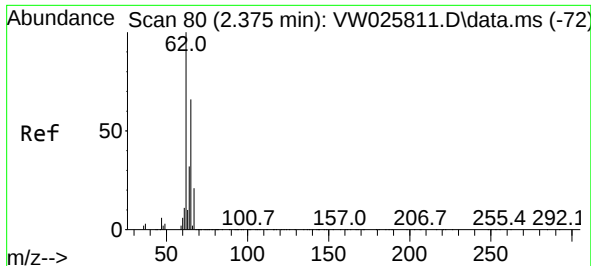
Tgt Ion: 85 Resp: 139796
 Ion Ratio Lower Upper
 85 100
 87 34.0 24.7 37.1



#3
 Chloromethane
 Concen: 25.815 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW025836.D
 Acq: 03 May 2023 18:57

Tgt Ion: 50 Resp: 250431
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.1 41.1

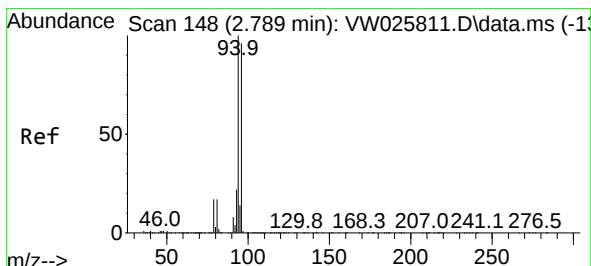
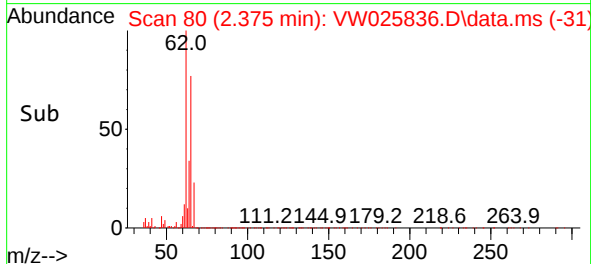
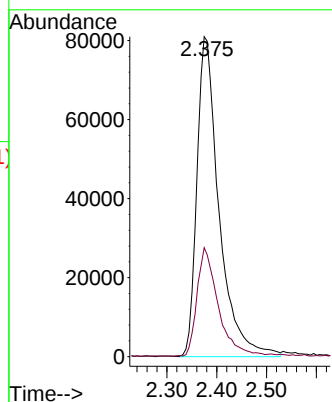
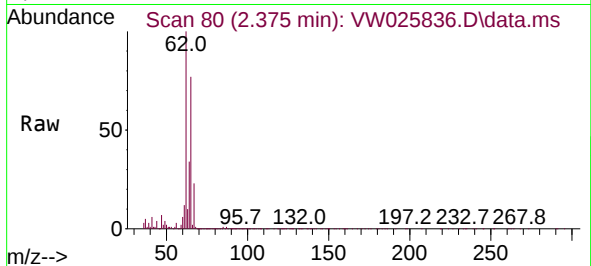




#5
 Vinyl chloride
 Concen: 24.861 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025836.D
 Acq: 03 May 2023 18:57

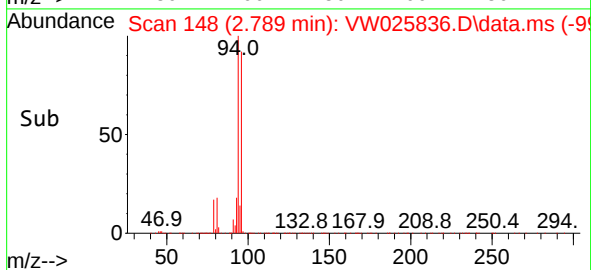
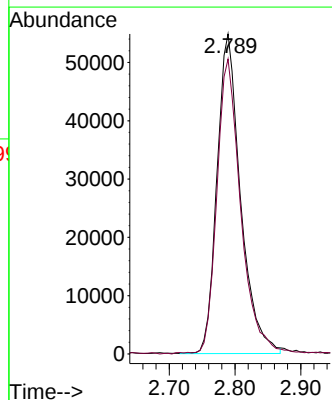
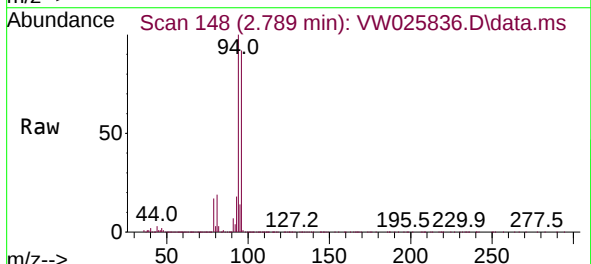
Instrument :
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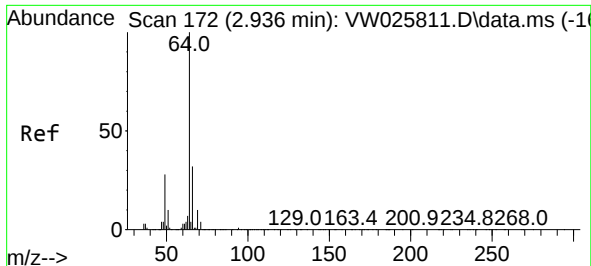
Tgt Ion: 62 Resp: 249629
 Ion Ratio Lower Upper
 62 100
 64 34.1 22.7 42.3



#6
 Bromomethane
 Concen: 25.052 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025836.D
 Acq: 03 May 2023 18:57

Tgt Ion: 94 Resp: 136814
 Ion Ratio Lower Upper
 94 100
 96 92.1 63.1 117.1

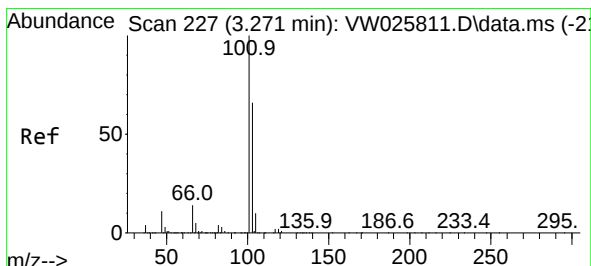
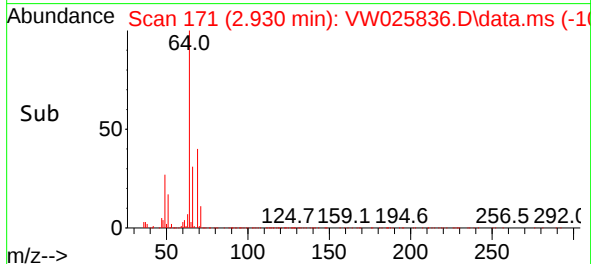
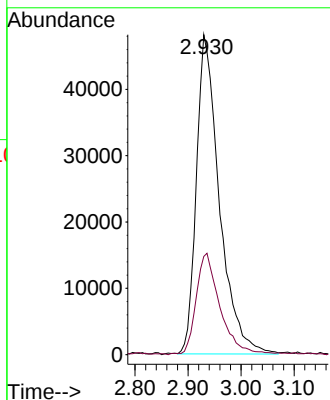
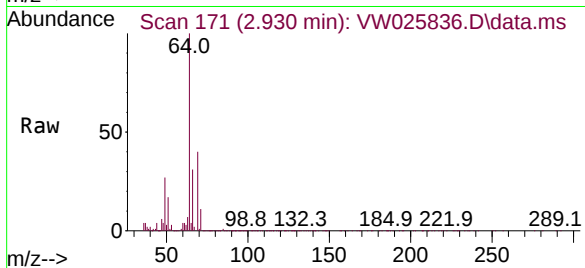




#8
Chloroethane
Concen: 25.376 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

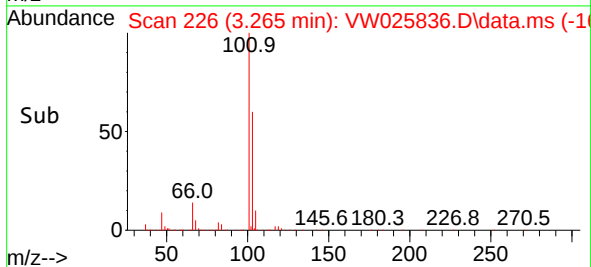
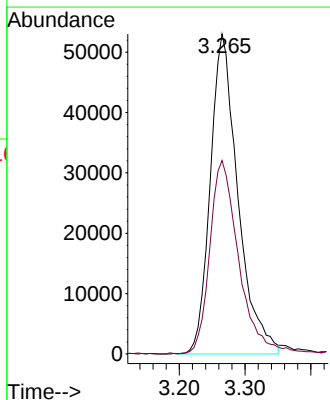
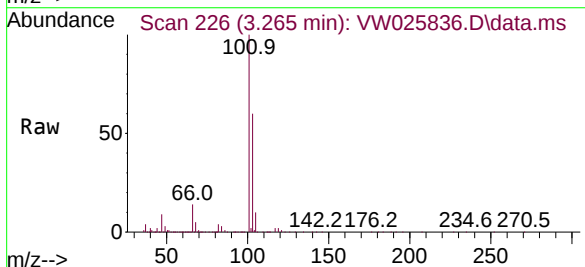
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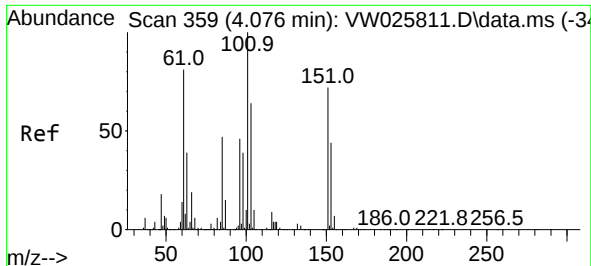
Tgt Ion: 64 Resp: 144883
Ion Ratio Lower Upper
64 100
66 30.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 20.434 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

Tgt Ion: 101 Resp: 154841
Ion Ratio Lower Upper
101 100
103 62.2 50.6 76.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 24.249 ug/L

RT: 4.064 min Scan# 357

Delta R.T. -0.012 min

Lab File: VW025836.D

Acq: 03 May 2023 18:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025593

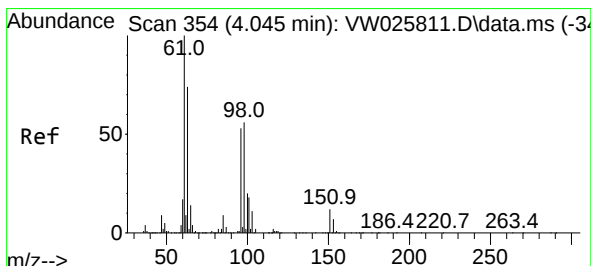
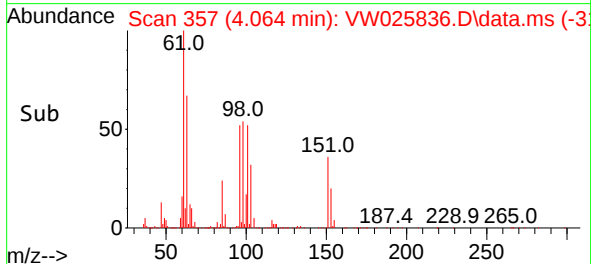
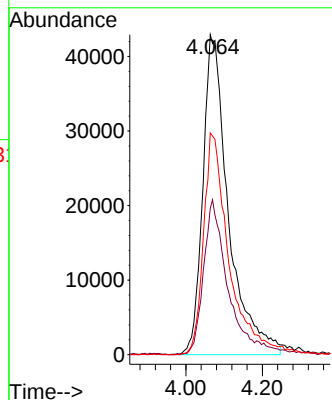
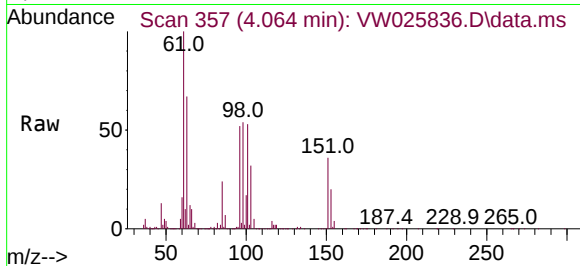
Tgt Ion:101 Resp: 199836

Ion Ratio Lower Upper

101 100

85 43.2 33.9 50.9

151 65.1 54.2 81.2



#12

1,1-Dichloroethene

Concen: 23.895 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW025836.D

Acq: 03 May 2023 18:57

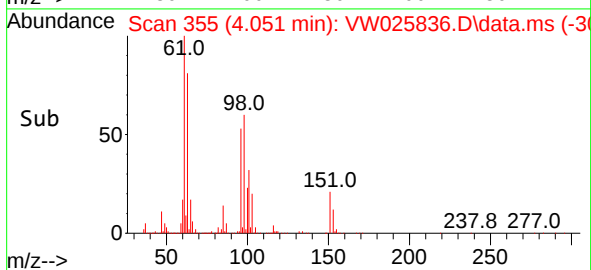
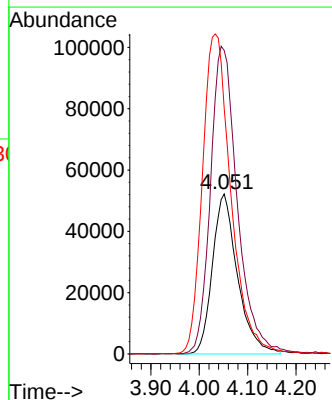
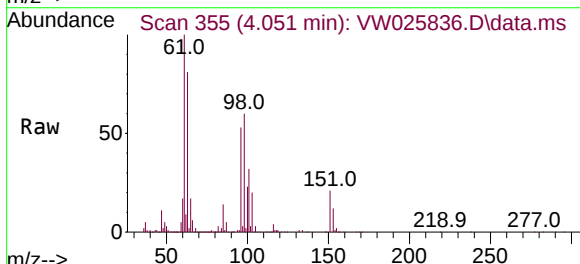
Tgt Ion: 96 Resp: 188200

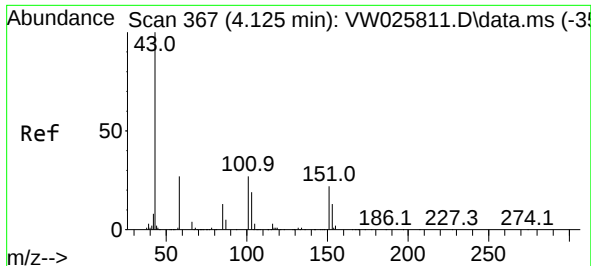
Ion Ratio Lower Upper

96 100

61 189.7 135.0 250.8

63 153.5 104.9 194.7

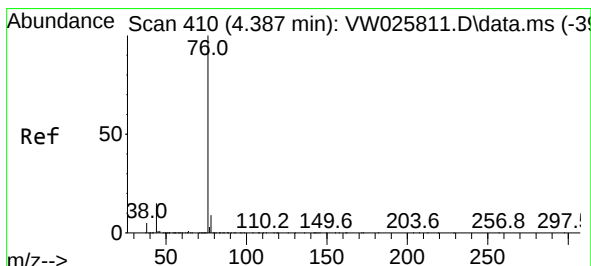
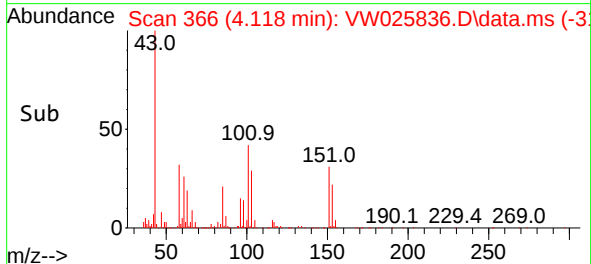
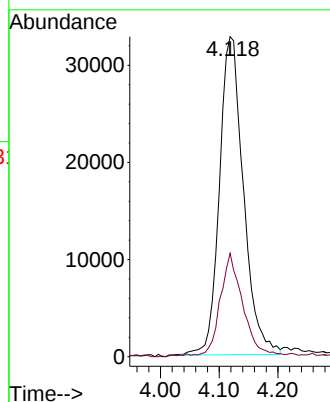
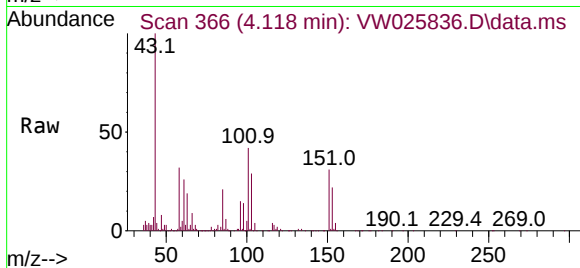




#13
Acetone
Concen: 38.037 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW025836.D
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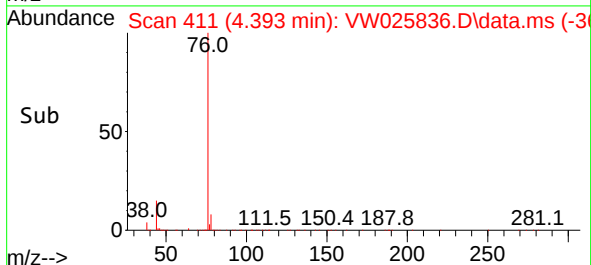
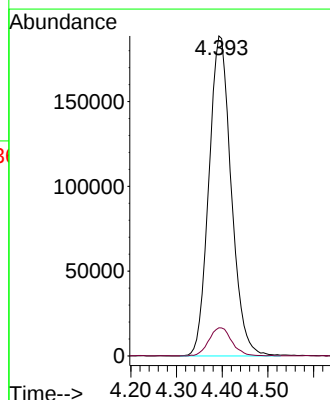
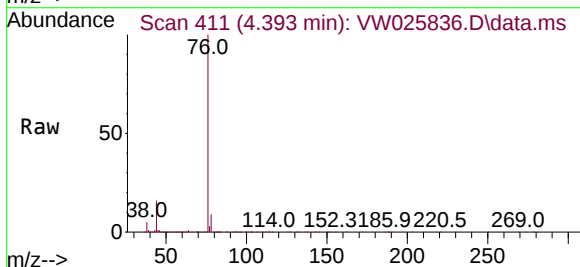
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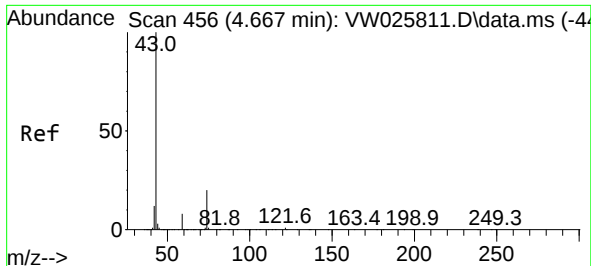
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Ion Ratio Lower Upper
43 100
58 30.1 0.0 58.2



#14
Carbon disulfide
Concen: 24.088 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

Tgt Ion: 76 Resp: 641587
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

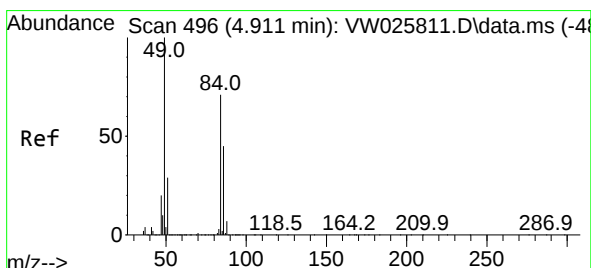
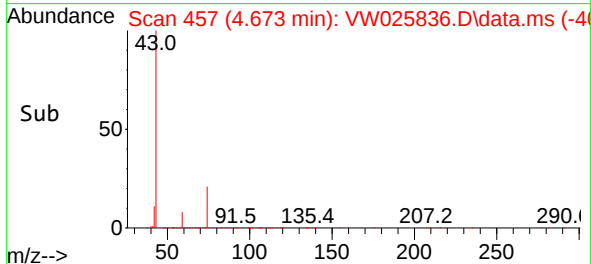
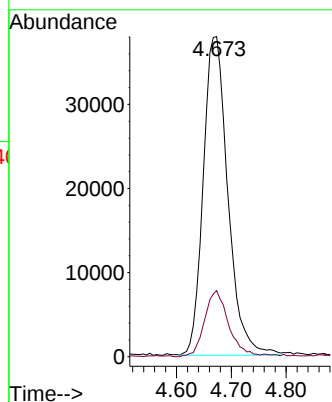
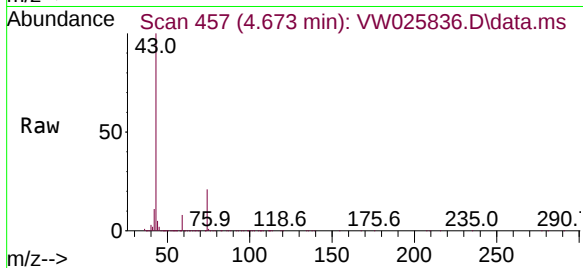




#15
Methyl Acetate
Concen: 24.529 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

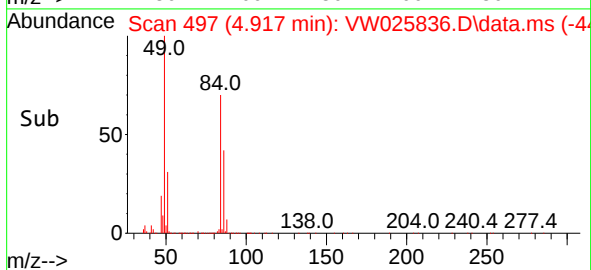
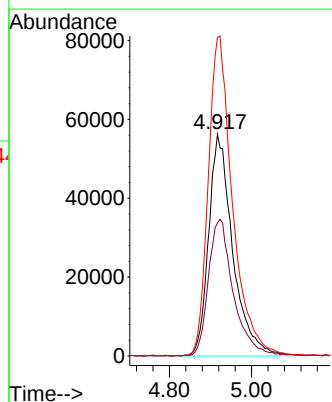
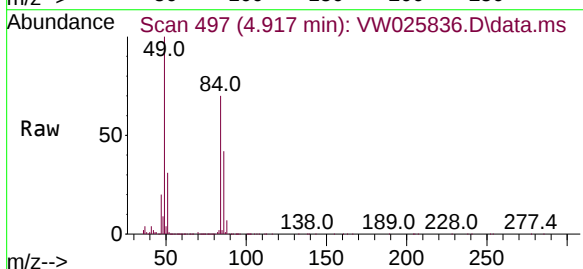
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

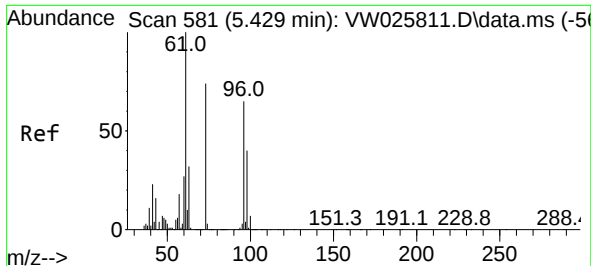
Tgt Ion: 43 Resp: 118247
Ion Ratio Lower Upper
43 100
74 20.1 16.5 24.7



#16
Methylene chloride
Concen: 18.794 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

Tgt Ion: 84 Resp: 228246
Ion Ratio Lower Upper
84 100
86 60.0 41.7 77.5
49 143.7 95.3 177.1

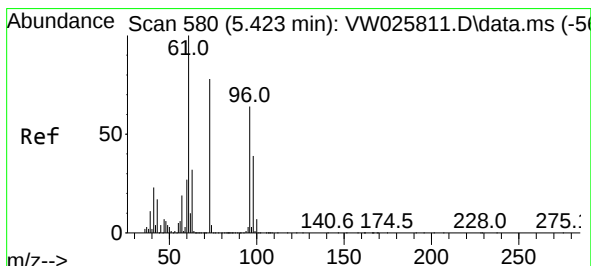
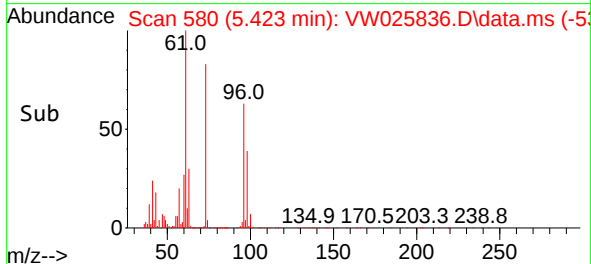
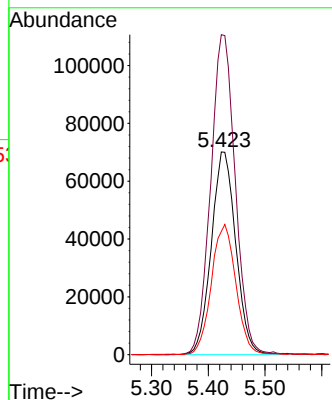
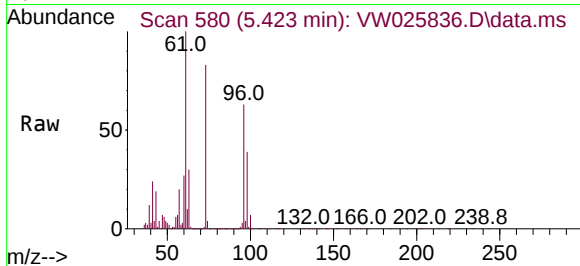




#17
trans-1,2-Dichloroethene
Concen: 24.513 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

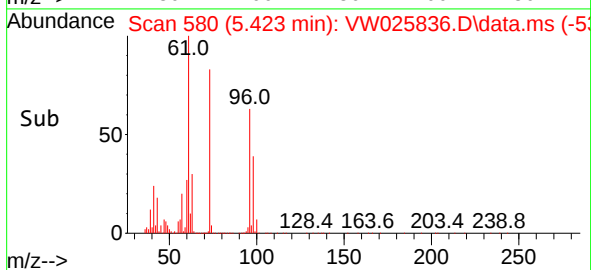
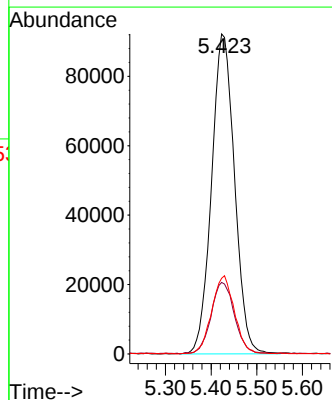
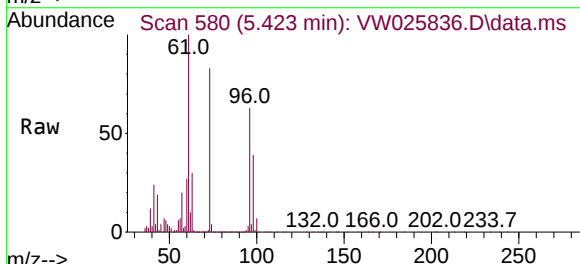
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

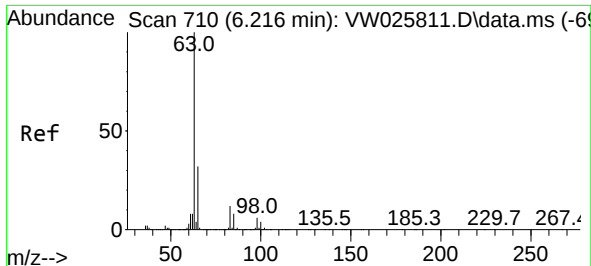
Tgt Ion: 96 Resp: 210621
Ion Ratio Lower Upper
96 100
61 157.8 108.1 200.9
98 60.8 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 24.663 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

Tgt Ion: 73 Resp: 321618
Ion Ratio Lower Upper
73 100
43 22.3 18.2 27.4
57 24.3 19.2 28.8





#19

1,1-Dichloroethane

Concen: 25.170 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW025836.D

Acq: 03 May 2023 18:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025593

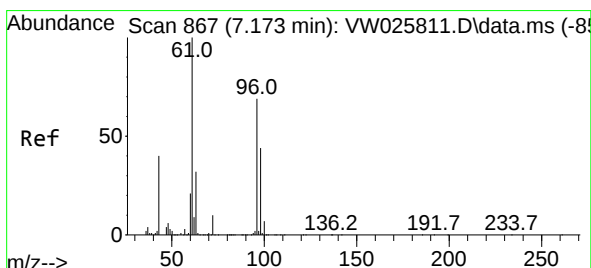
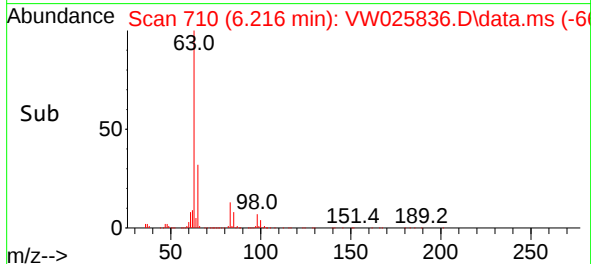
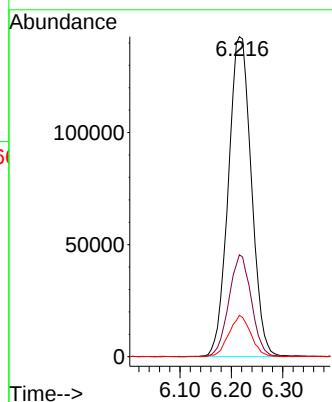
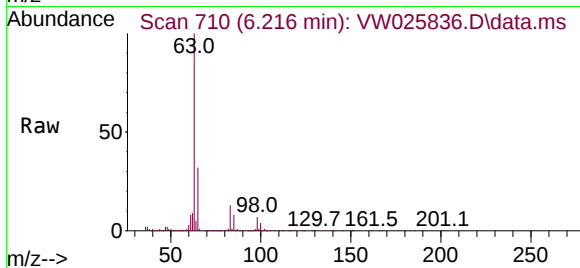
Tgt Ion: 63 Resp: 444333

Ion Ratio Lower Upper

63 100

65 31.9 22.4 41.6

83 12.9 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 24.892 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW025836.D

Acq: 03 May 2023 18:57

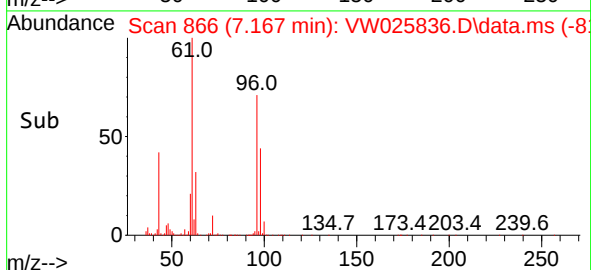
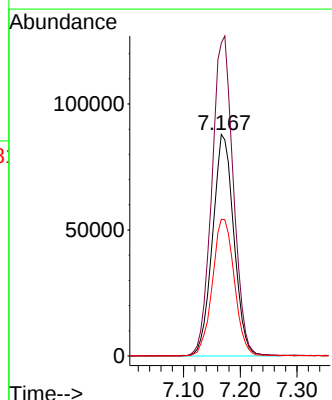
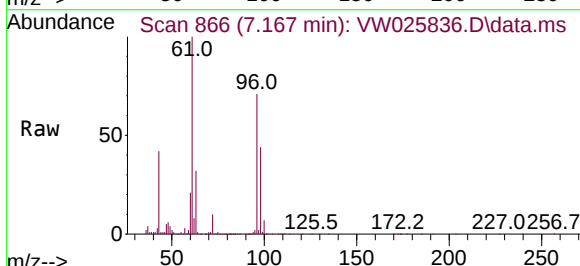
Tgt Ion: 96 Resp: 229452

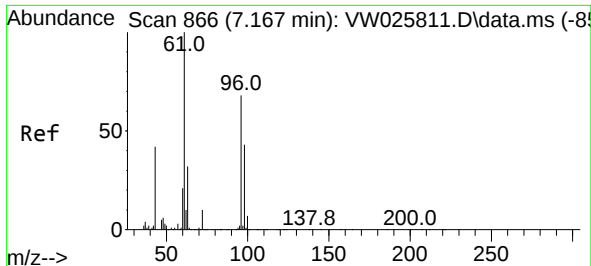
Ion Ratio Lower Upper

96 100

61 141.2 98.6 183.0

98 61.7 45.2 84.0

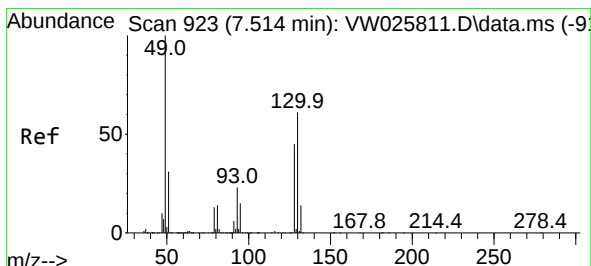
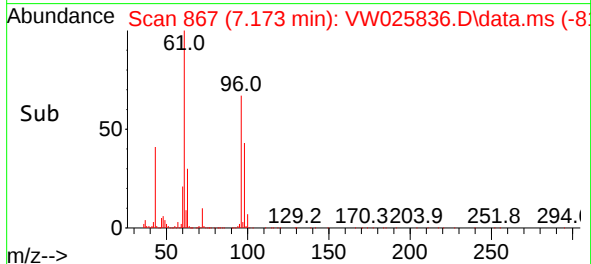
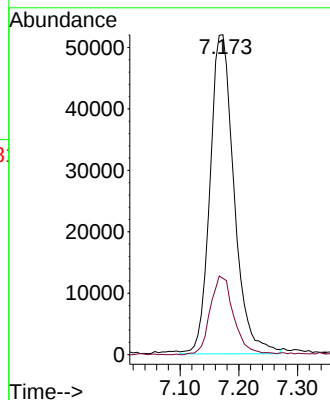
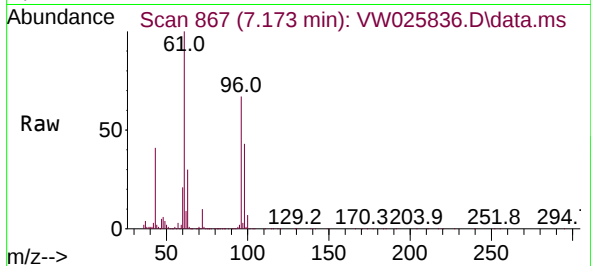




#22
2-Butanone
Concen: 43.827 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

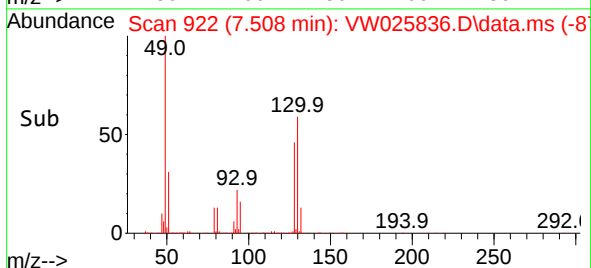
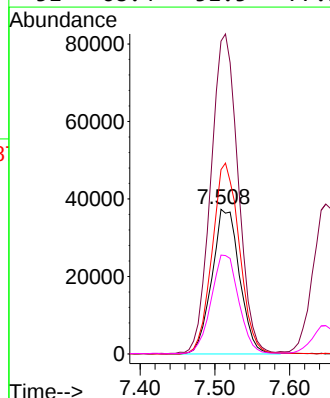
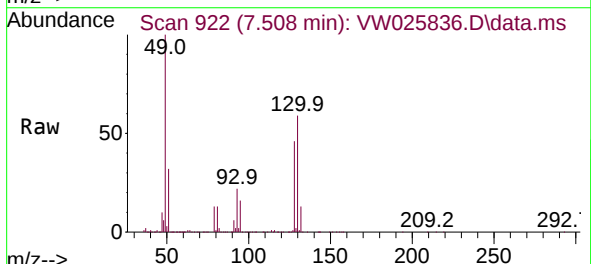
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

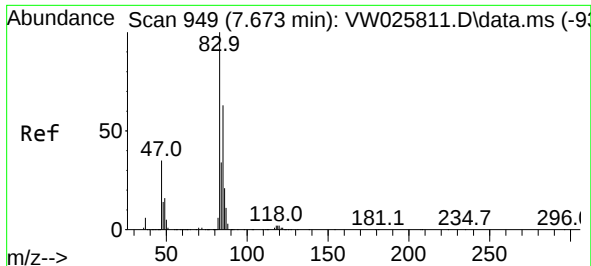
Tgt Ion: 43 Resp: 148039
Ion Ratio Lower Upper
43 100
72 23.9 11.8 35.4



#23
Bromochloromethane
Concen: 24.563 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

Tgt Ion: 128 Resp: 95923
Ion Ratio Lower Upper
128 100
49 216.2 151.5 281.5
130 127.4 91.3 169.6
51 68.4 51.5 77.3

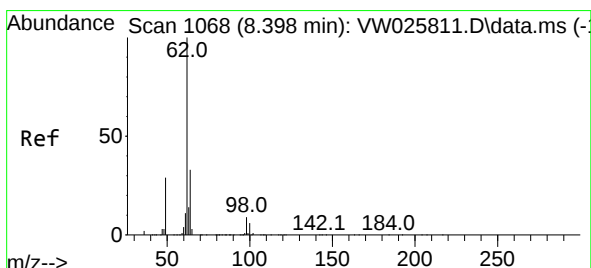
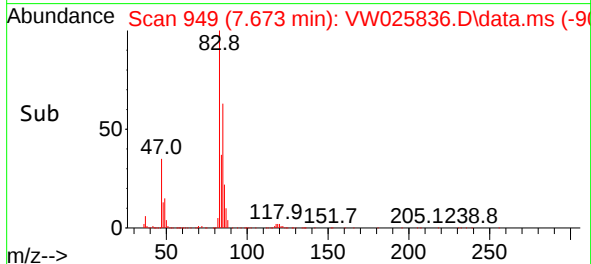
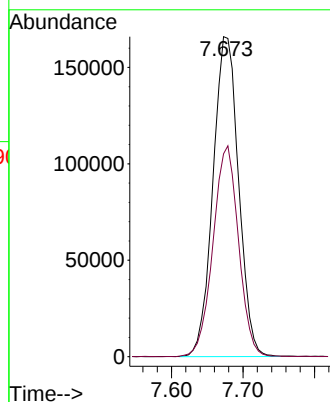
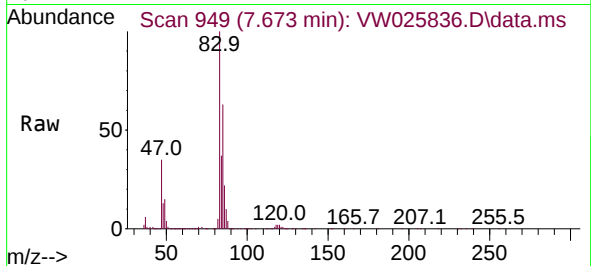




#25
Chloroform
Concen: 25.409 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

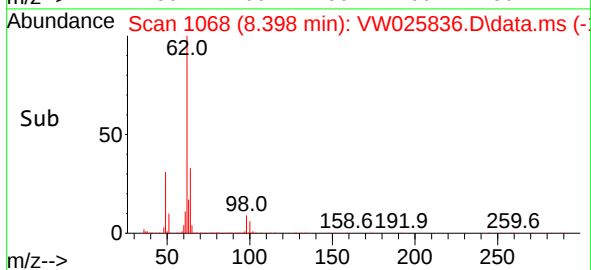
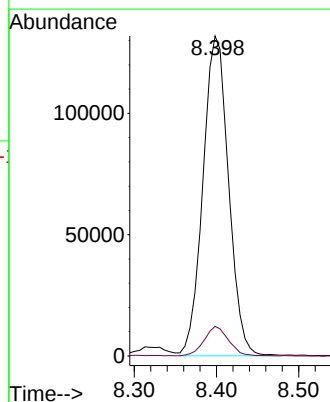
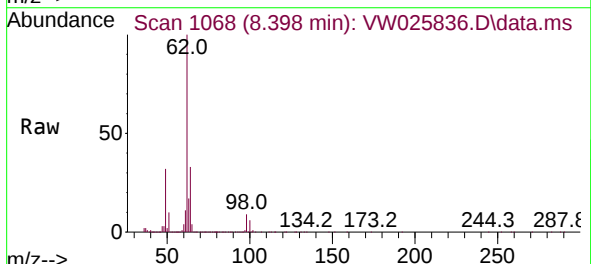
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

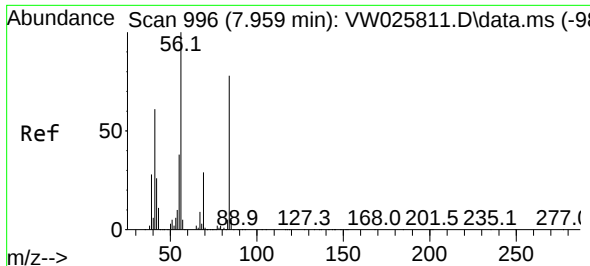
Tgt Ion: 83 Resp: 412257
Ion Ratio Lower Upper
83 100
85 63.4 45.1 83.9



#27
1,2-Dichloroethane
Concen: 24.776 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

Tgt Ion: 62 Resp: 285488
Ion Ratio Lower Upper
62 100
98 9.3 7.2 10.8

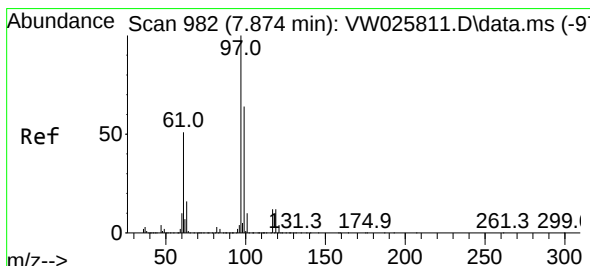
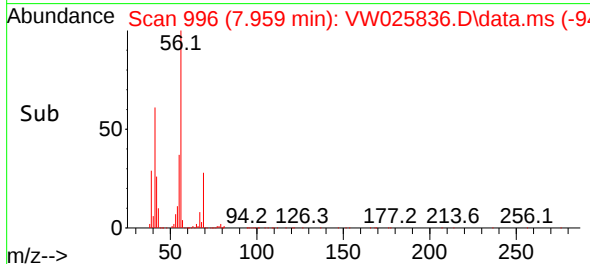
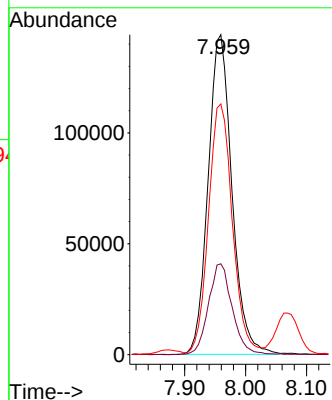
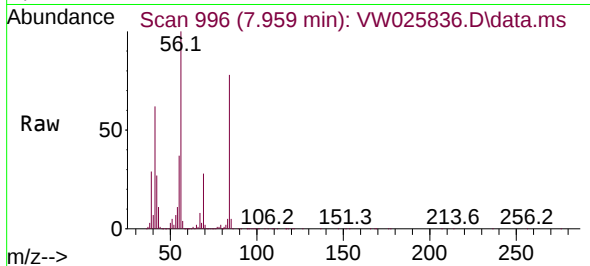




#29
Cyclohexane
Concen: 24.208 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

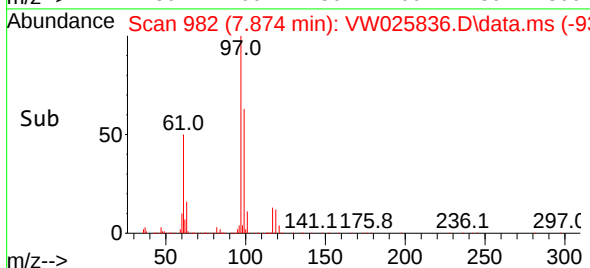
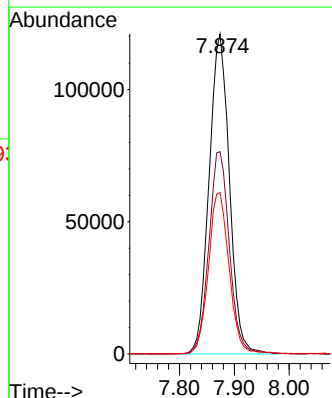
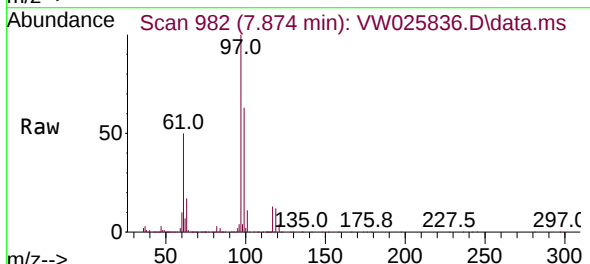
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

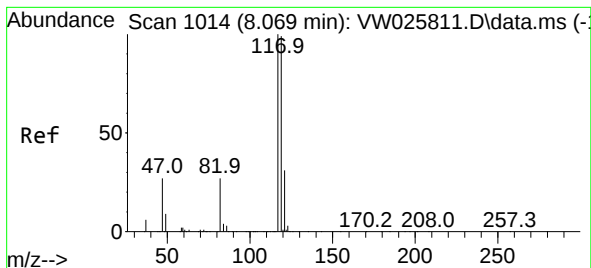
Tgt Ion: 56 Resp: 392521
Ion Ratio Lower Upper
56 100
69 28.1 23.4 35.0
84 78.8 63.3 94.9



#30
1,1,1-Trichloroethane
Concen: 24.337 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

Tgt Ion: 97 Resp: 311425
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 51.4 40.4 60.6





#31

Carbon tetrachloride

Concen: 24.481 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW025836.D

Acq: 03 May 2023 18:57

Instrument :

MSVOA_W

ClientSampleId :

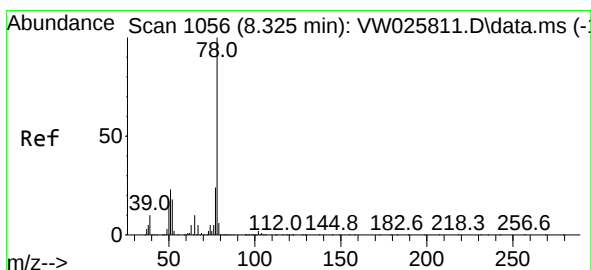
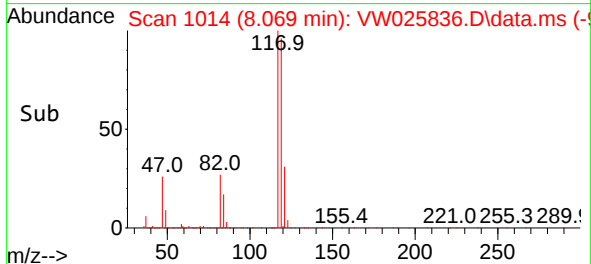
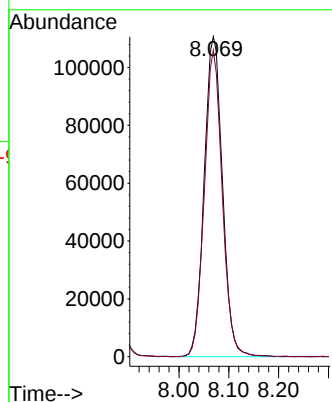
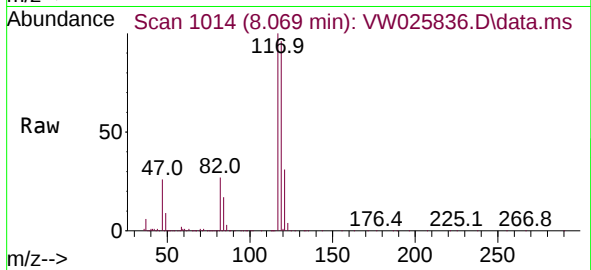
VSTD025593

Tgt Ion:117 Resp: 281921

Ion Ratio Lower Upper

117 100

119 93.6 76.9 115.3



#33

Benzene

Concen: 25.506 ug/L

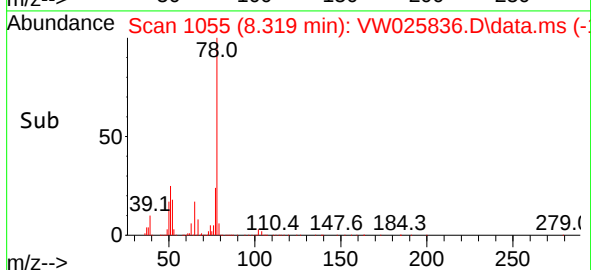
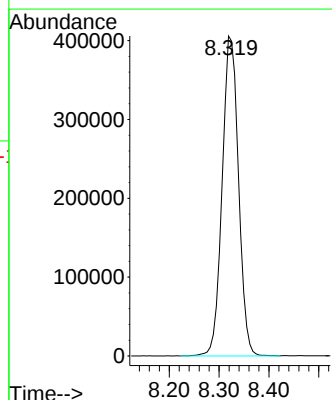
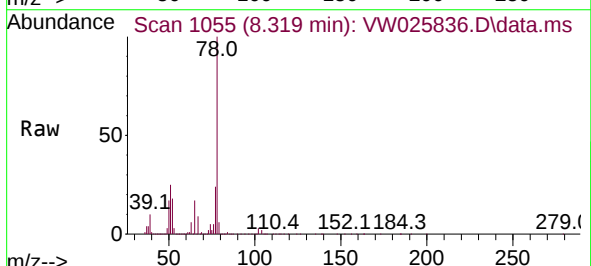
RT: 8.319 min Scan# 1055

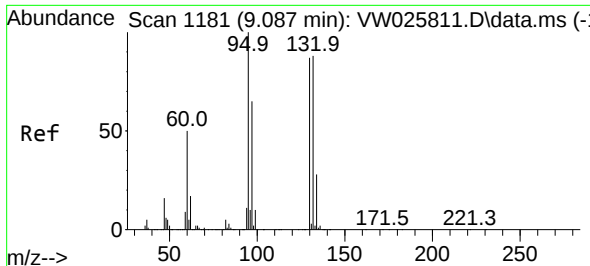
Delta R.T. -0.006 min

Lab File: VW025836.D

Acq: 03 May 2023 18:57

Tgt Ion: 78 Resp: 923303



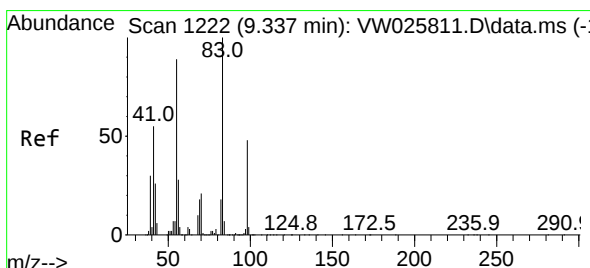
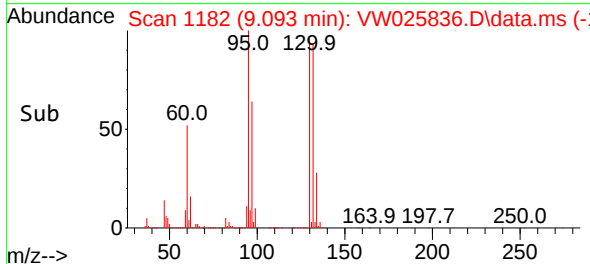
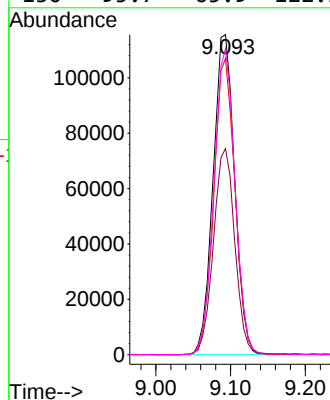
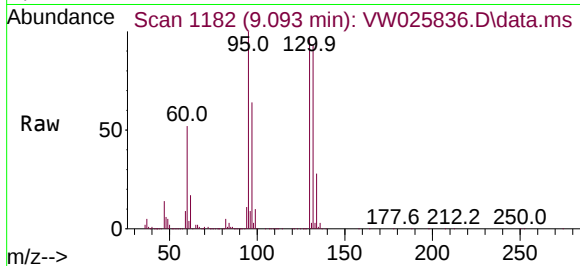


#34
Trichloroethene
Concen: 24.846 ug/L
RT: 9.093 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

Tgt Ion: 95 Resp: 230803

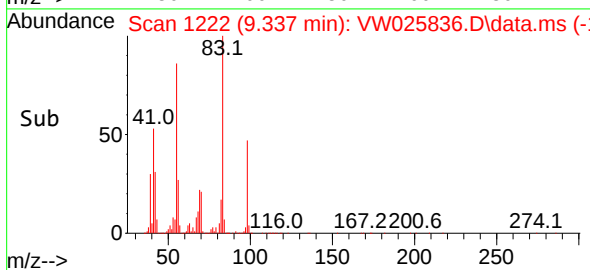
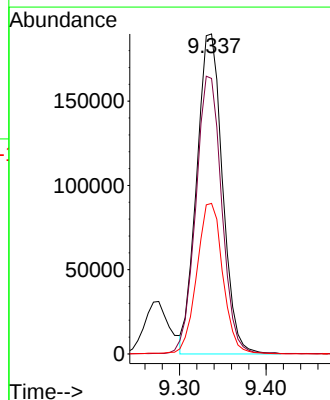
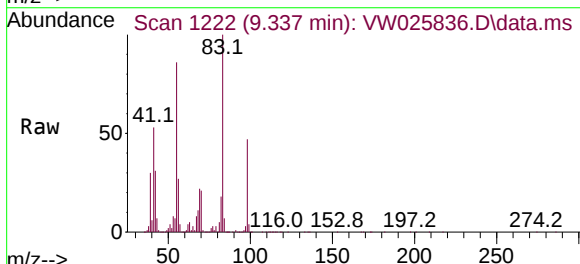
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.9	85.3
132	92.6	66.0	122.6
130	95.7	65.9	122.3

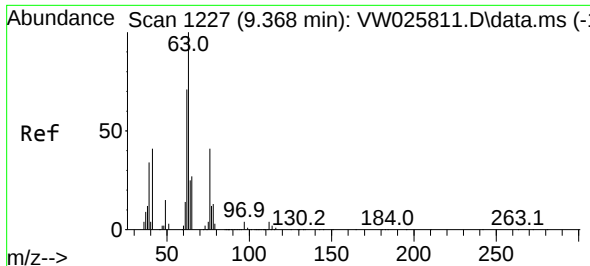


#35
Methylcyclohexane
Concen: 23.836 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

Tgt Ion: 83 Resp: 393805

Ion	Ratio	Lower	Upper
83	100		
55	86.9	69.0	103.4
98	47.3	37.1	55.7





#37

1,2-Dichloropropane

Concen: 25.602 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025836.D

Acq: 03 May 2023 18:57

Instrument :

MSVOA_W

ClientSampleId :

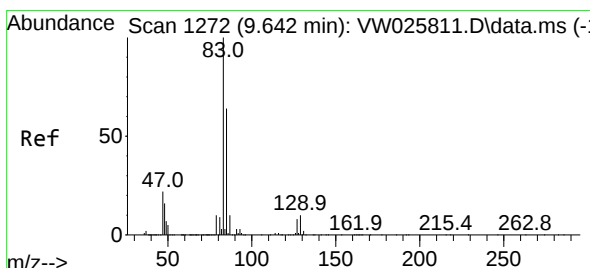
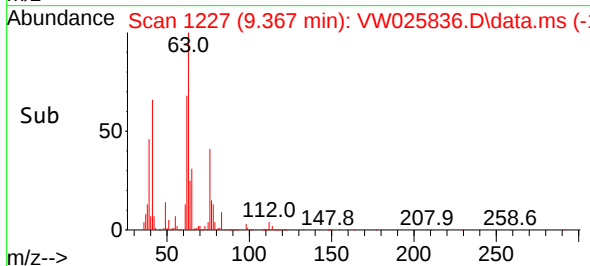
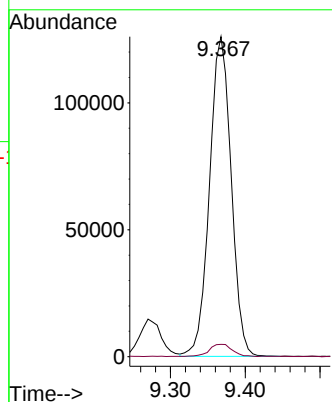
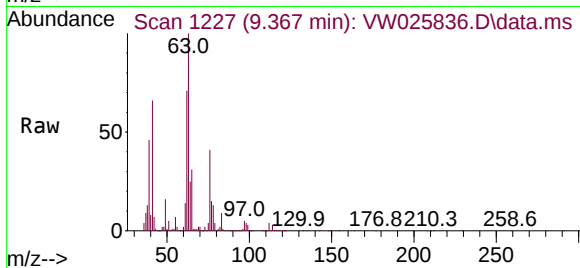
VSTD025593

Tgt Ion: 63 Resp: 253919

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 25.303 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025836.D

Acq: 03 May 2023 18:57

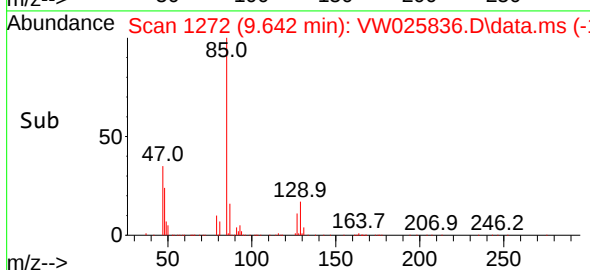
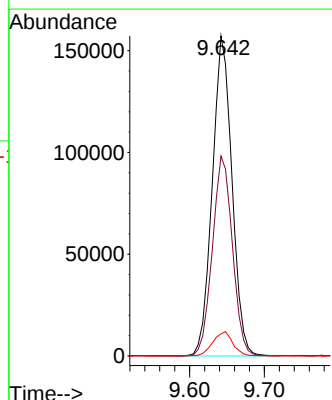
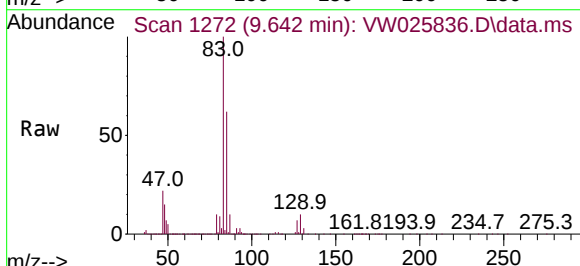
Tgt Ion: 83 Resp: 287909

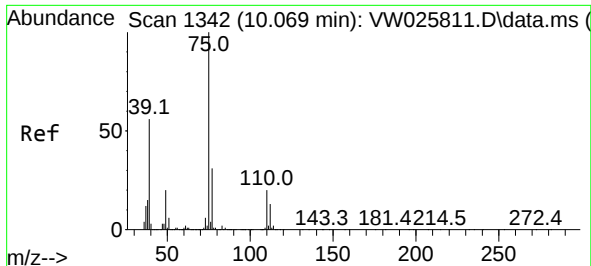
Ion Ratio Lower Upper

83 100

85 62.5 44.4 82.5

127 6.9 6.5 9.7

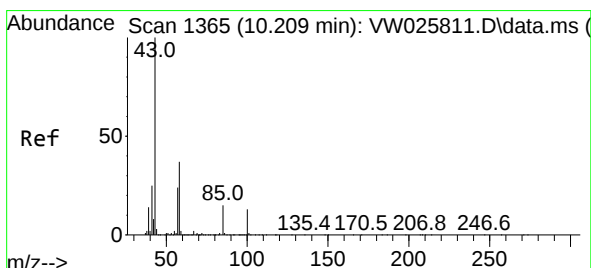
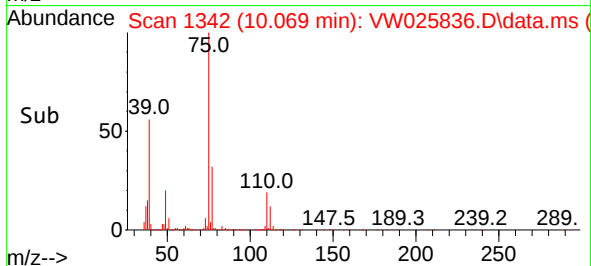
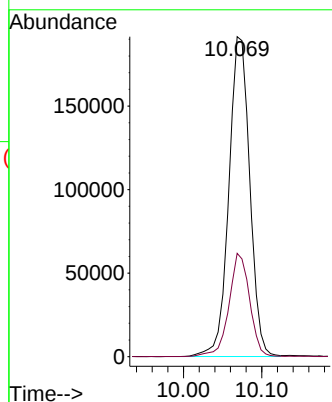
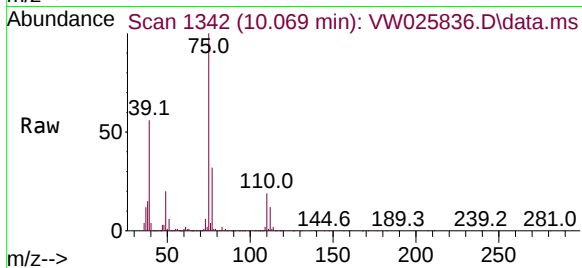




#39
 cis-1,3-Dichloropropene
 Concen: 24.404 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. -0.000 min
 Lab File: VW025836.D
 Acq: 03 May 2023 18:57

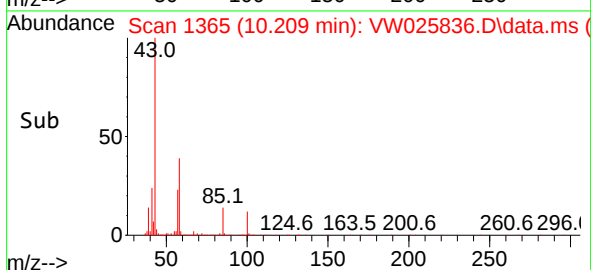
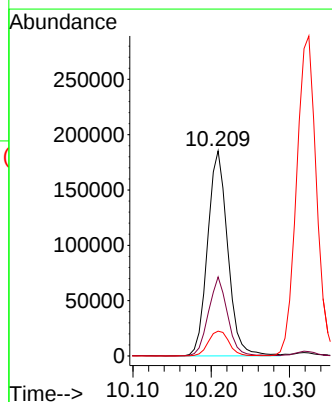
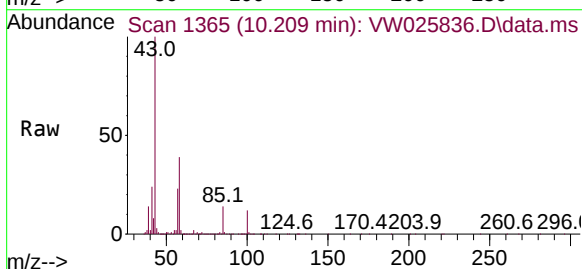
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025593

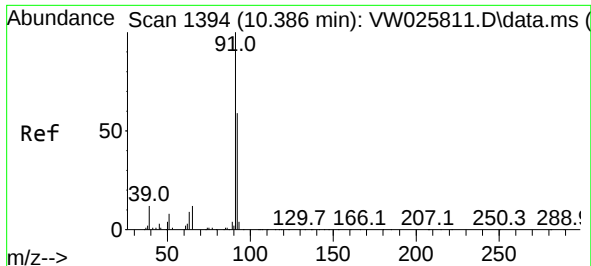
Tgt Ion: 75 Resp: 354936
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 51.266 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW025836.D
 Acq: 03 May 2023 18:57

Tgt Ion: 43 Resp: 330952
 Ion Ratio Lower Upper
 43 100
 58 36.6 29.4 44.0
 100 12.4 10.1 15.1

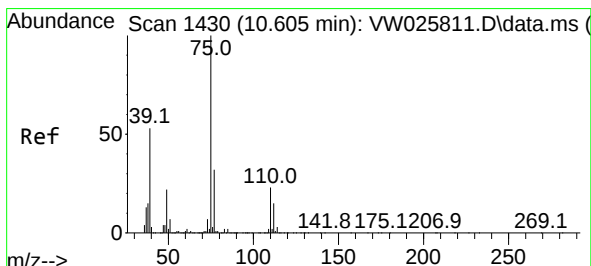
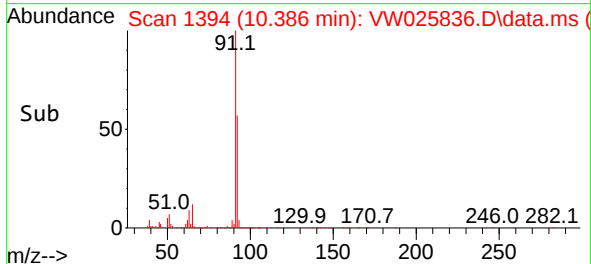
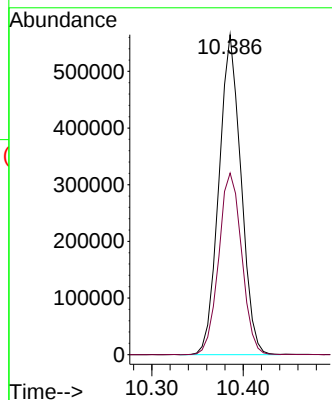
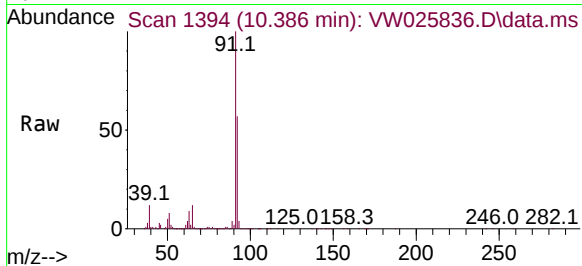




#42
Toluene
Concen: 25.623 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

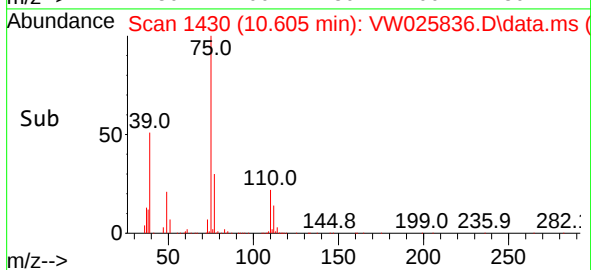
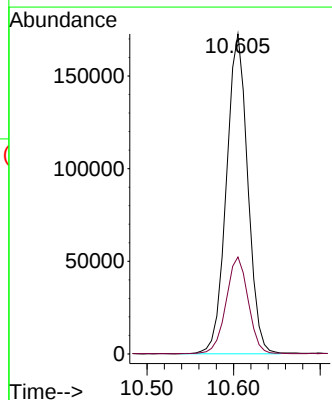
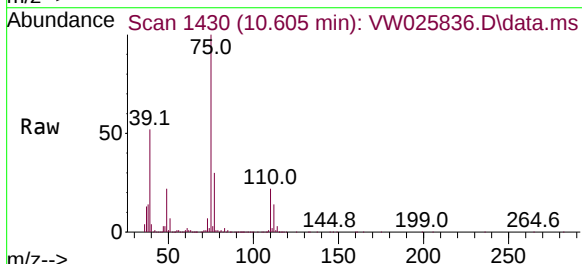
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

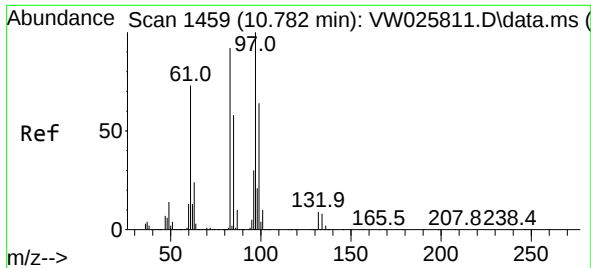
Tgt Ion: 91 Resp: 947774
Ion Ratio Lower Upper
91 100
92 56.7 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 24.497 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

Tgt Ion: 75 Resp: 295220
Ion Ratio Lower Upper
75 100
77 30.3 21.8 40.4

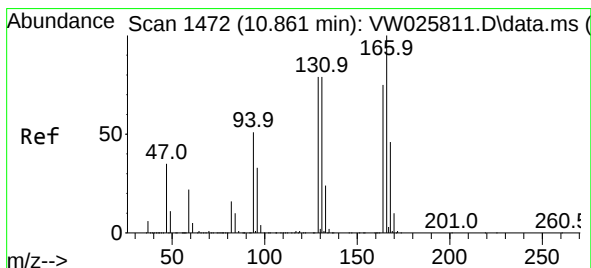
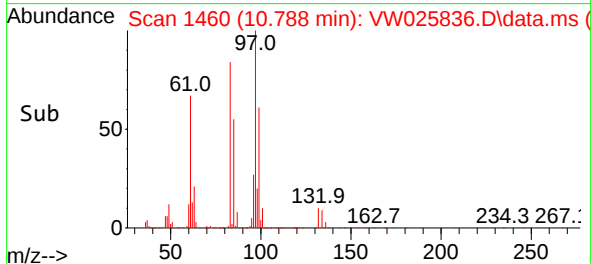
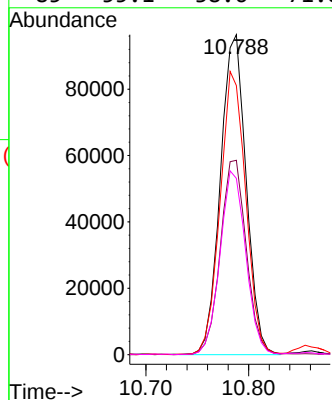
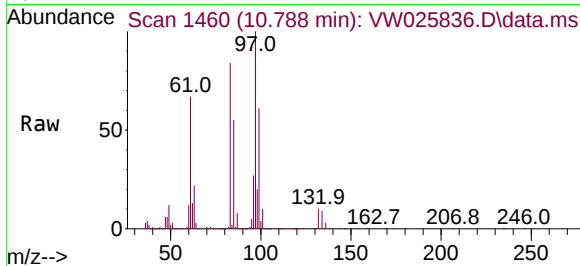




#45
1,1,2-Trichloroethane
Concen: 25.317 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

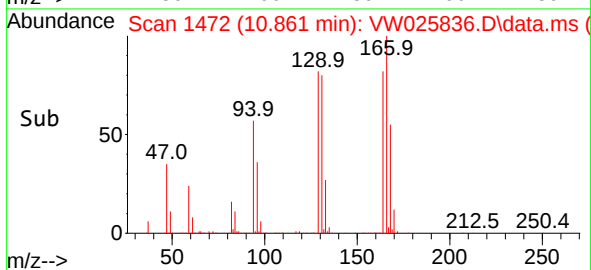
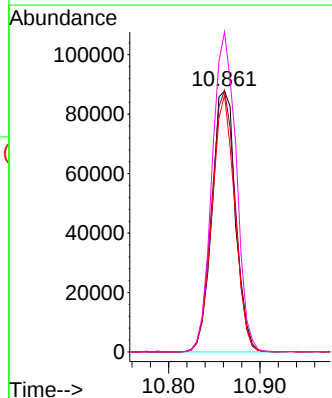
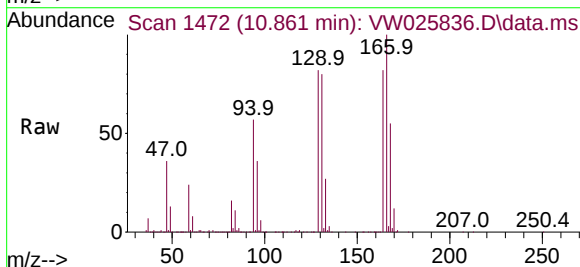
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

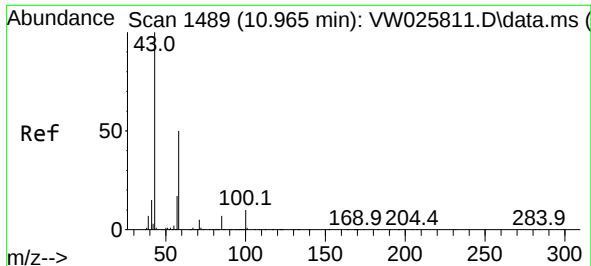
Tgt Ion: 97	Resp: 167960
Ion Ratio	Lower Upper
97 100	
99 60.8	44.5 82.7
83 84.1	63.0 117.0
85 55.1	38.6 71.8



#46
Tetrachloroethene
Concen: 23.997 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

Tgt	Ion:164	Resp:	156822
Ion	Ratio	Lower	Upper
164	100		
129	100.2	74.3	138.1
131	98.5	71.3	132.3
166	122.6	91.5	169.9

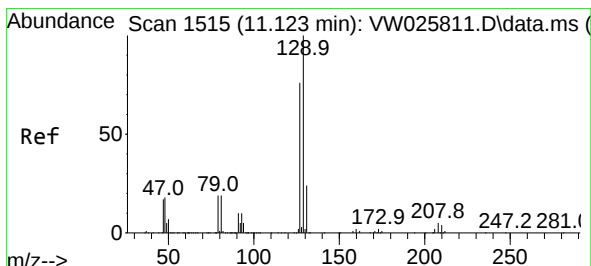
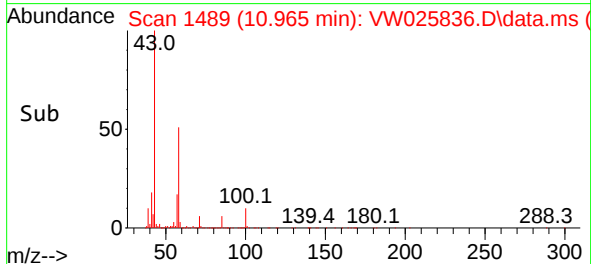
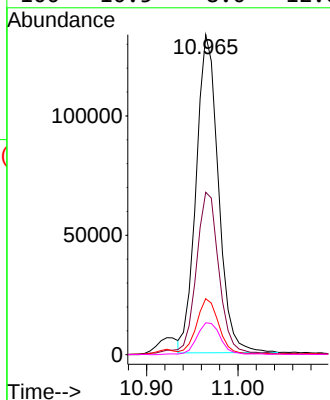
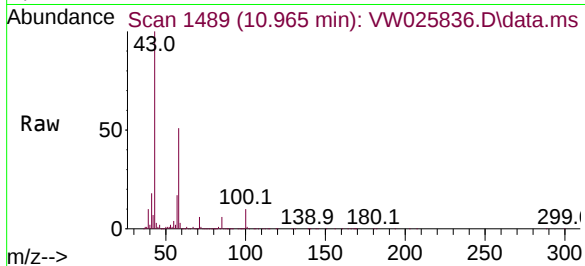




#48
2-Hexanone
Concen: 48.749 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

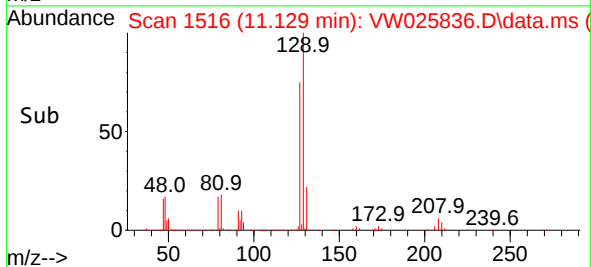
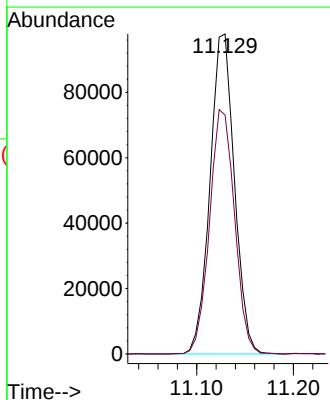
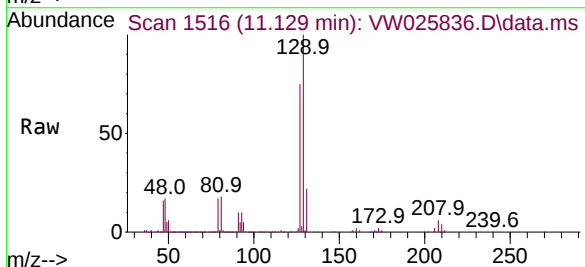
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

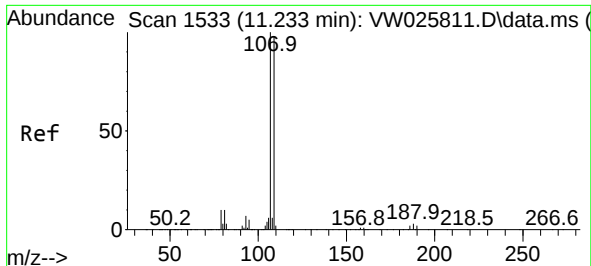
Tgt Ion:	43	Resp:	225449
Ion	Ratio	Lower	Upper
43	100		
58	51.8	40.8	61.2
57	17.4	13.6	20.4
100	10.5	8.0	12.0



#49
Dibromochloromethane
Concen: 25.011 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

Tgt Ion:	129	Resp:	171786
Ion	Ratio	Lower	Upper
129	100		
127	74.6	56.1	104.3

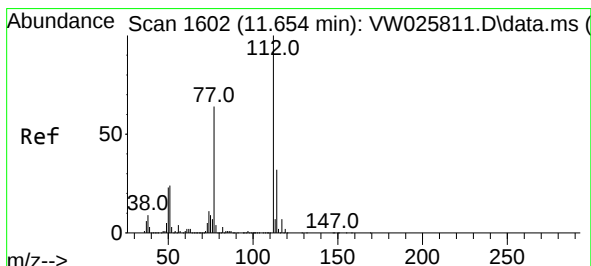
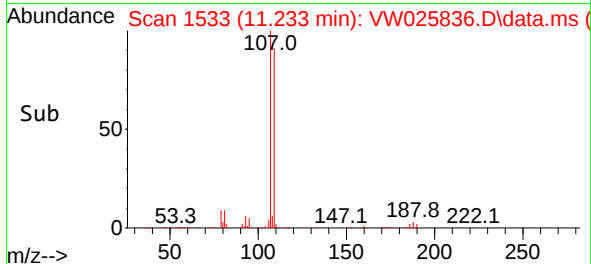
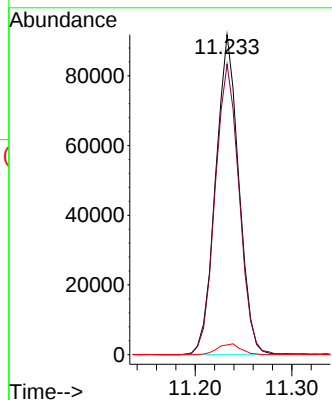
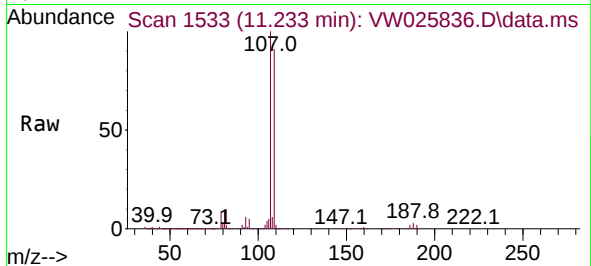




#50
1,2-Dibromoethane
Concen: 25.011 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

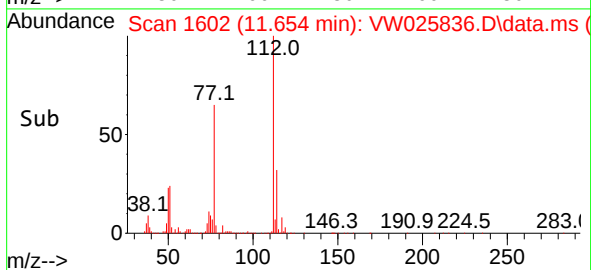
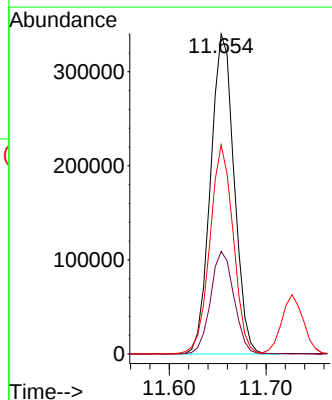
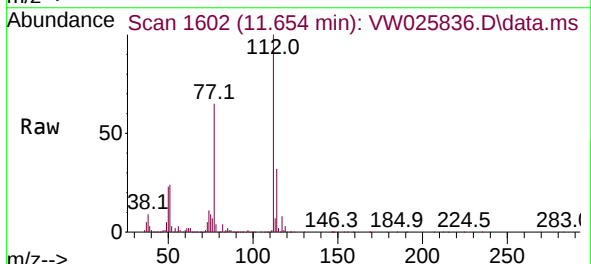
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

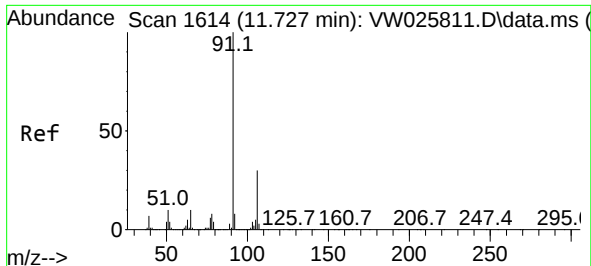
Tgt Ion:107 Resp: 152968
Ion Ratio Lower Upper
107 100
109 90.8 67.5 125.4
188 3.1 2.6 4.0



#51
Chlorobenzene
Concen: 25.098 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

Tgt Ion:112 Resp: 575091
Ion Ratio Lower Upper
112 100
114 32.1 22.7 42.3
77 65.3 53.0 79.6

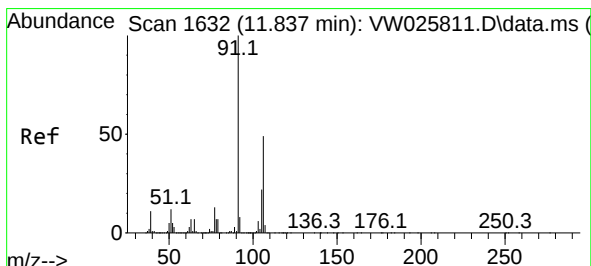
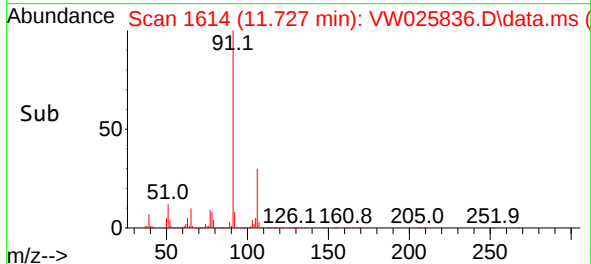
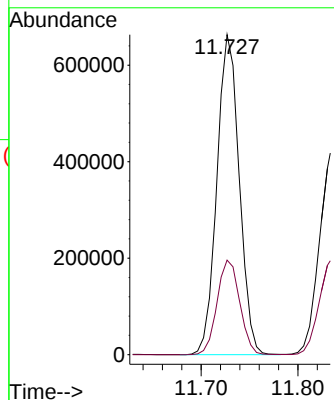
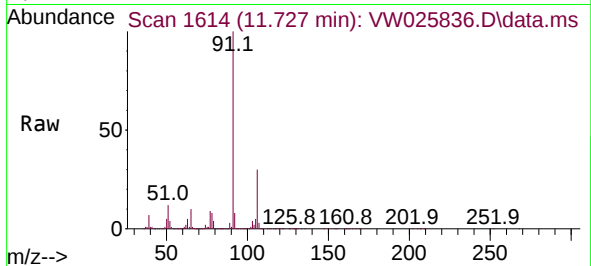




#52
Ethylbenzene
Concen: 25.525 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

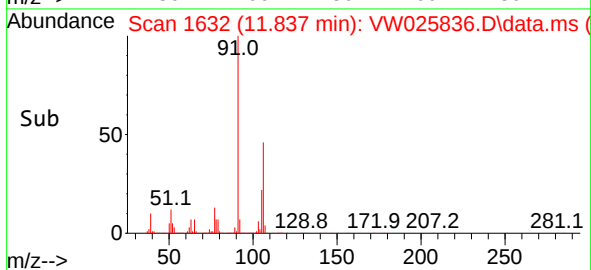
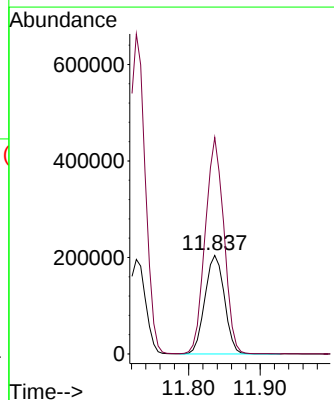
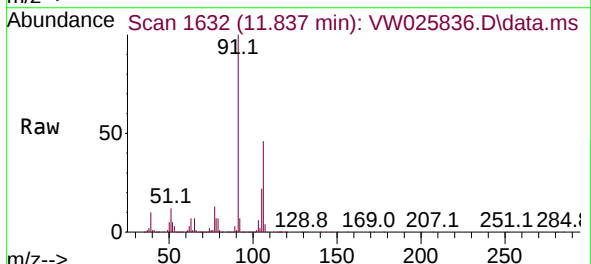
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

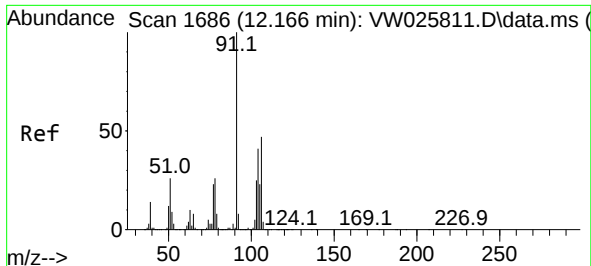
Tgt Ion: 91 Resp: 1062016
Ion Ratio Lower Upper
91 100
106 29.5 20.8 38.6



#53
m,p-Xylene
Concen: 25.286 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

Tgt Ion:106 Resp: 387214
Ion Ratio Lower Upper
106 100
91 219.6 150.1 278.9

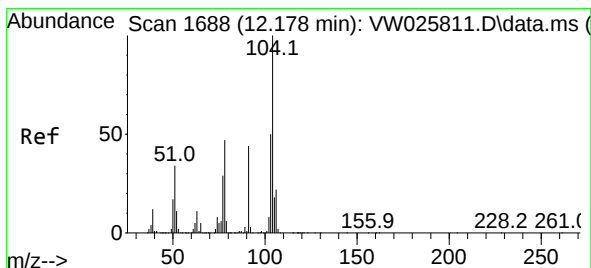
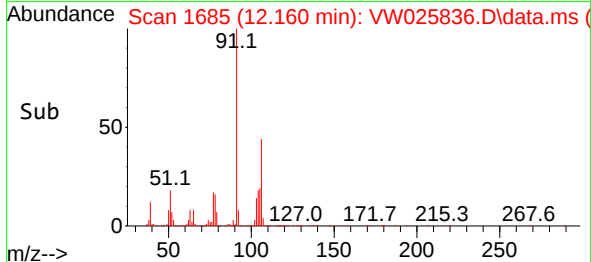
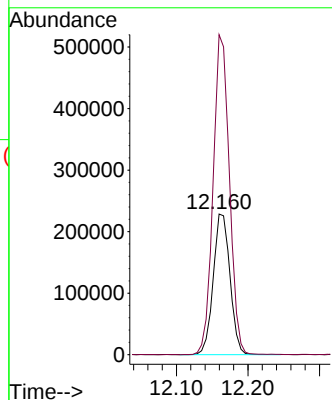
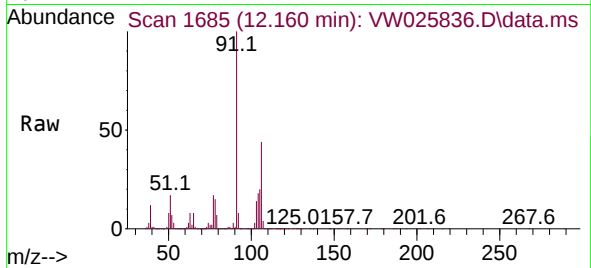




#54
o-Xylene
Concen: 25.773 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

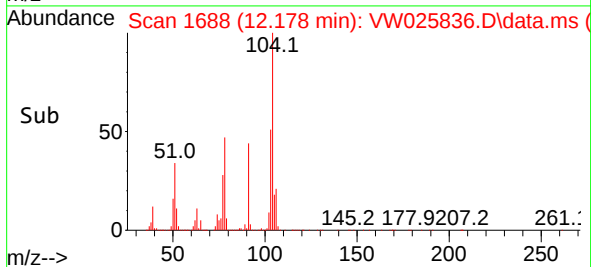
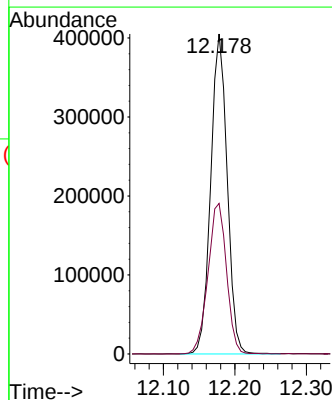
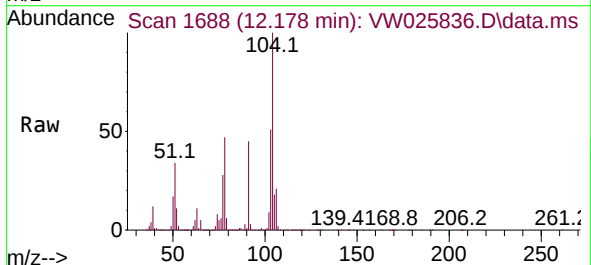
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

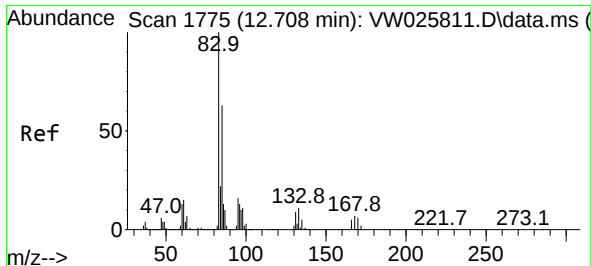
Tgt Ion:106 Resp: 372008
Ion Ratio Lower Upper
106 100
91 227.4 157.8 293.1



#55
Styrene
Concen: 26.214 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

Tgt Ion:104 Resp: 647611
Ion Ratio Lower Upper
104 100
78 47.1 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.027 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW025836.D

Acq: 03 May 2023 18:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025593

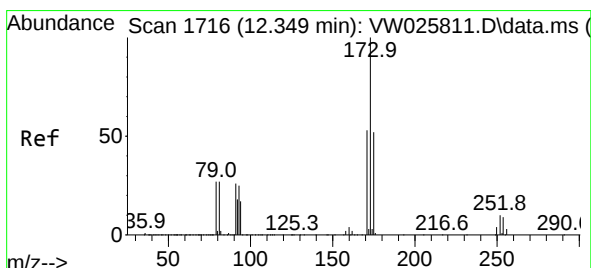
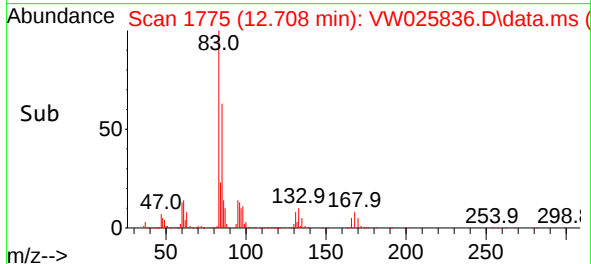
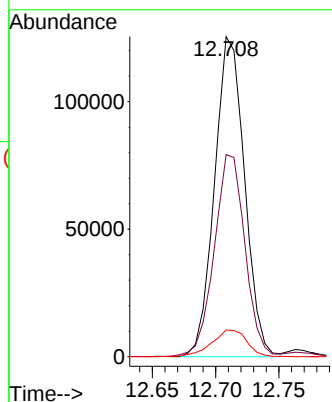
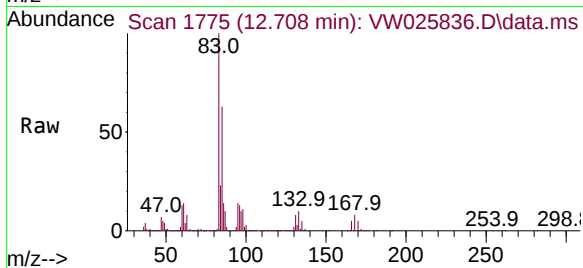
Tgt Ion: 83 Resp: 207178

Ion Ratio Lower Upper

83 100

85 63.2 45.6 84.8

131 8.3 8.1 12.1



#59

Bromoform

Concen: 24.240 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025836.D

Acq: 03 May 2023 18:57

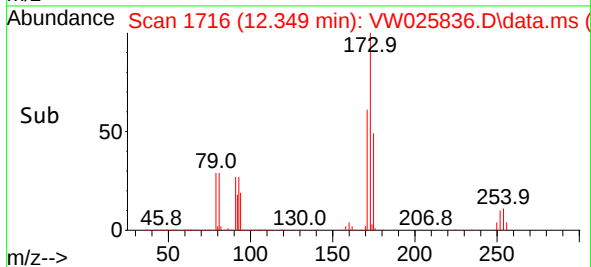
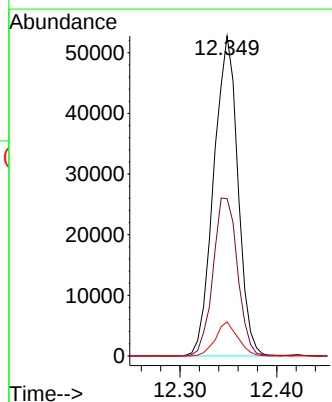
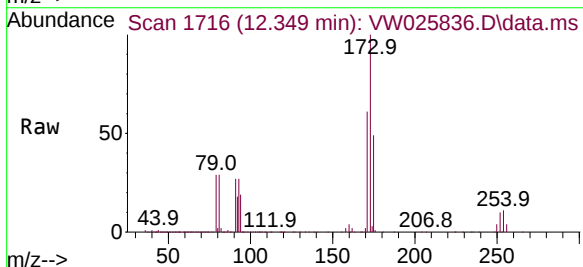
Tgt Ion: 173 Resp: 91605

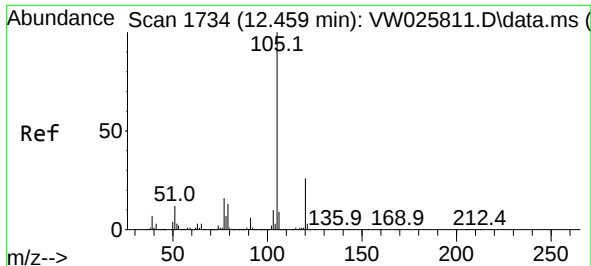
Ion Ratio Lower Upper

173 100

175 50.0 38.6 57.8

254 9.8 7.6 11.4

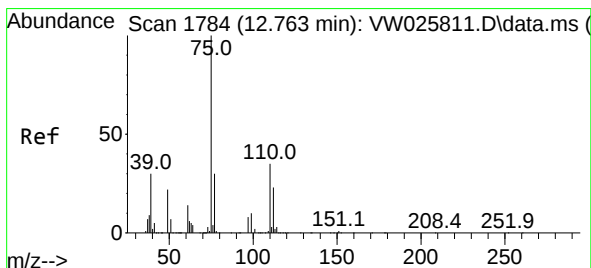
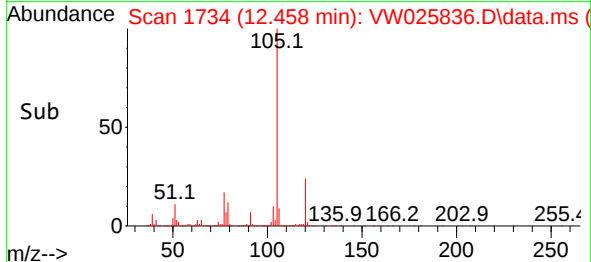
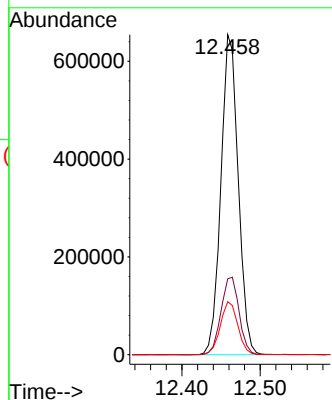
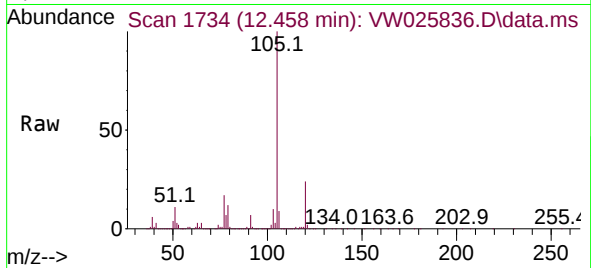




#60
Isopropylbenzene
Concen: 25.986 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

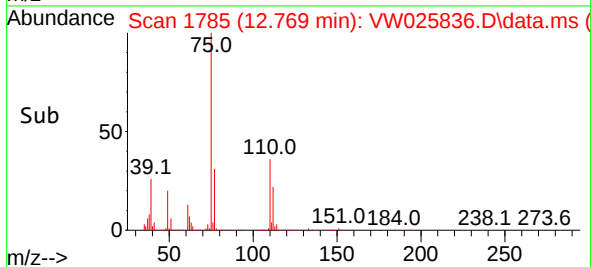
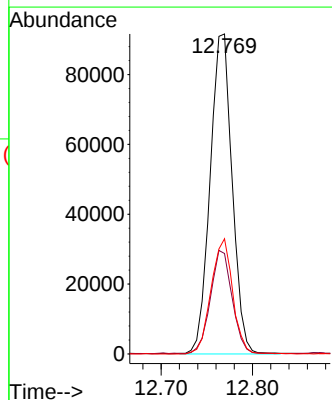
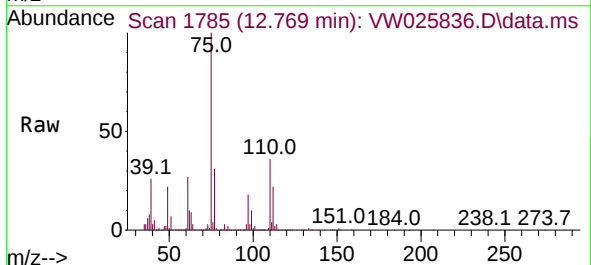
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

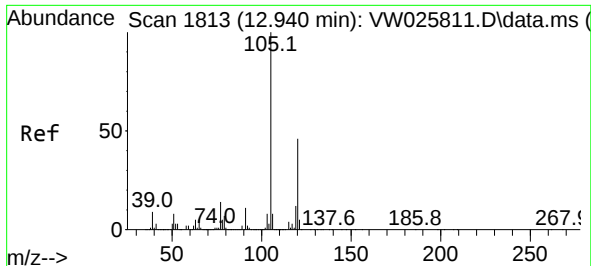
Tgt Ion:105 Resp: 1007792
Ion Ratio Lower Upper
105 100
120 25.2 21.1 31.7
77 16.6 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 25.449 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

Tgt Ion: 75 Resp: 153456
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
110 35.1 27.6 41.4

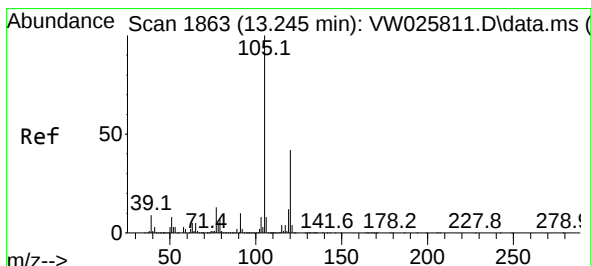
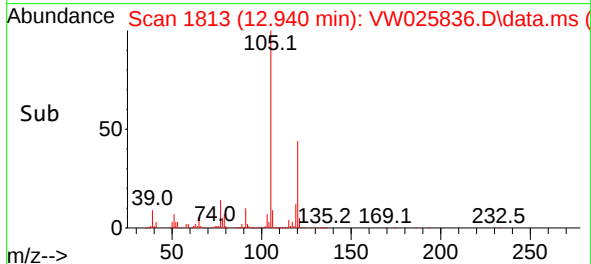
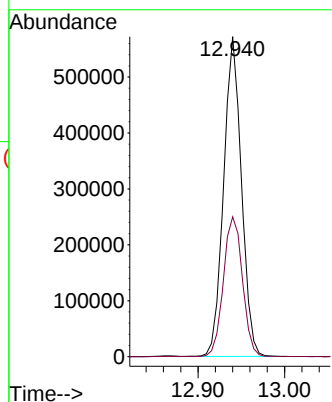
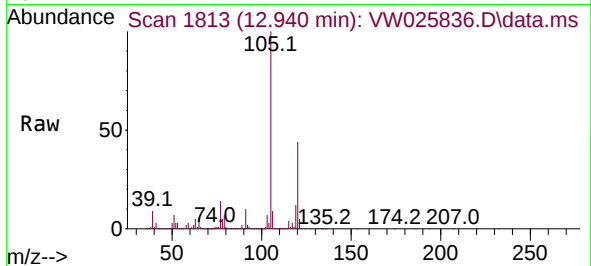




#62
1,3,5-Trimethylbenzene
Concen: 26.588 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

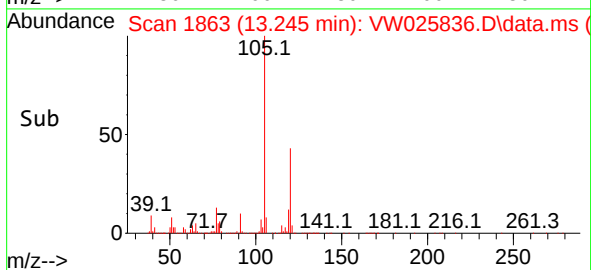
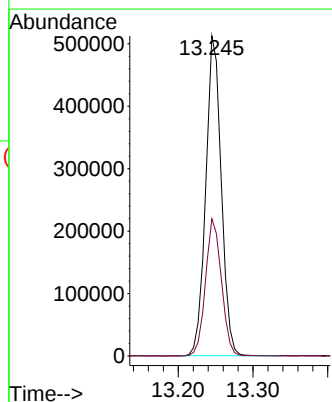
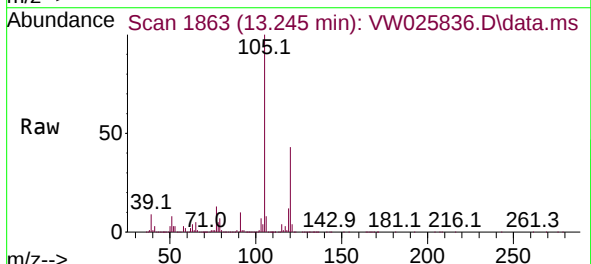
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

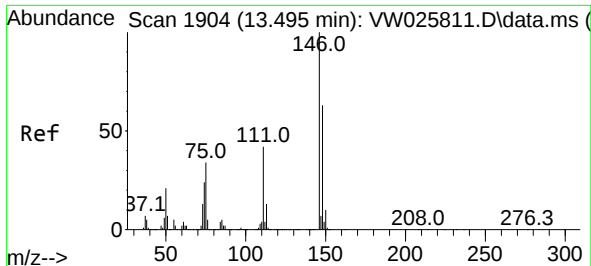
Tgt Ion:105 Resp: 816728
Ion Ratio Lower Upper
105 100
120 46.7 37.1 55.7



#63
1,2,4-Trimethylbenzene
Concen: 26.036 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

Tgt Ion:105 Resp: 738028
Ion Ratio Lower Upper
105 100
120 43.9 34.7 52.1

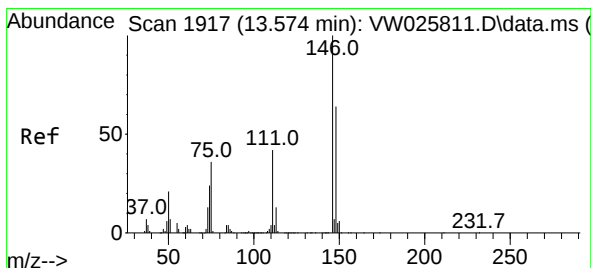
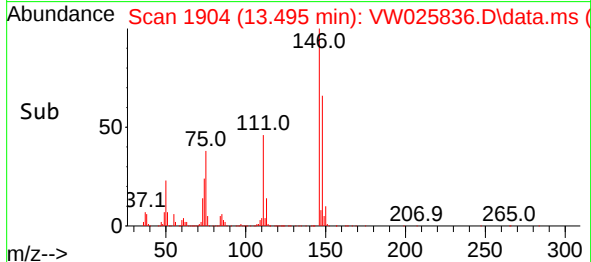
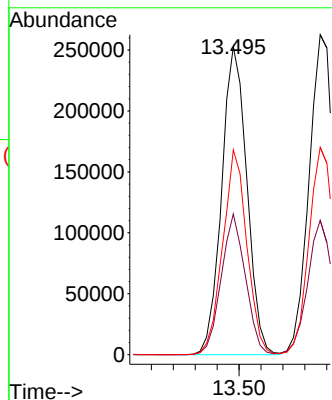
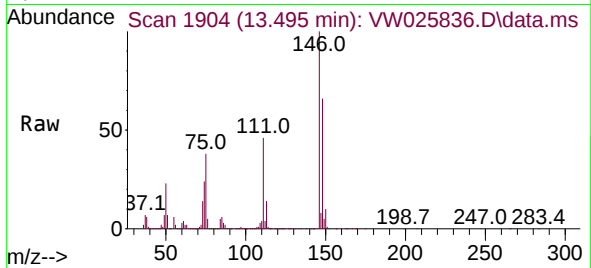




#64
1,3-Dichlorobenzene
Concen: 24.212 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

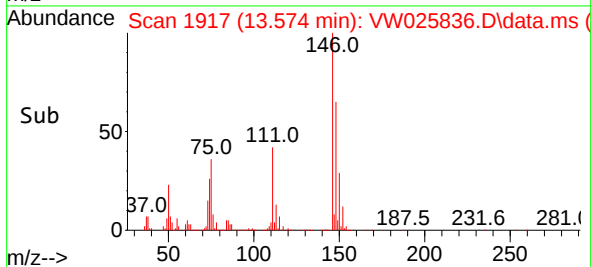
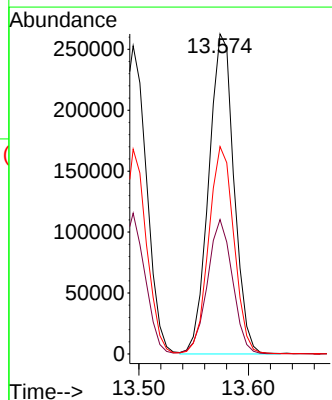
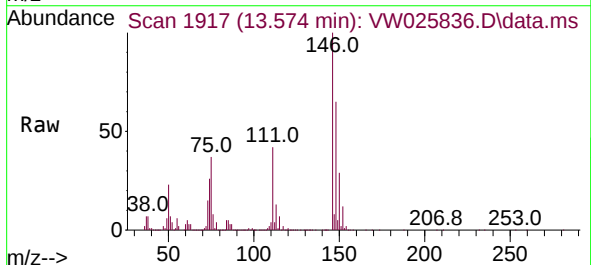
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

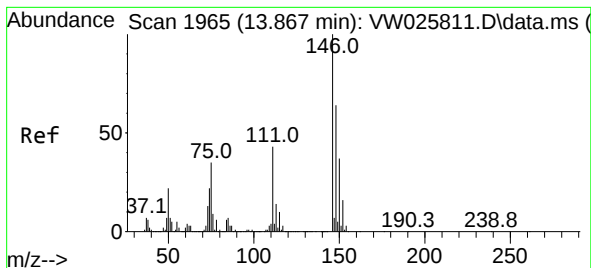
Tgt Ion:146 Resp: 404216
Ion Ratio Lower Upper
146 100
111 45.7 30.4 56.4
148 66.5 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 24.970 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025836.D
Acq: 03 May 2023 18:57

Tgt Ion:146 Resp: 421175
Ion Ratio Lower Upper
146 100
111 42.0 27.9 51.9
148 64.8 44.7 82.9

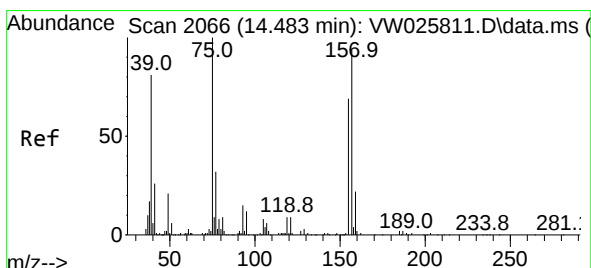
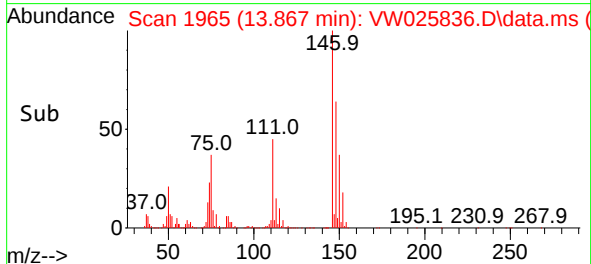
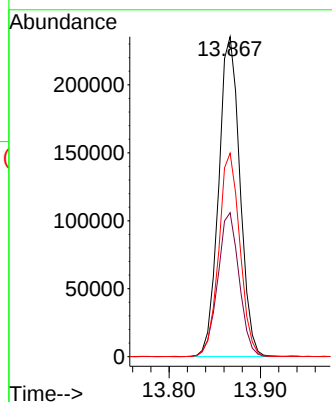
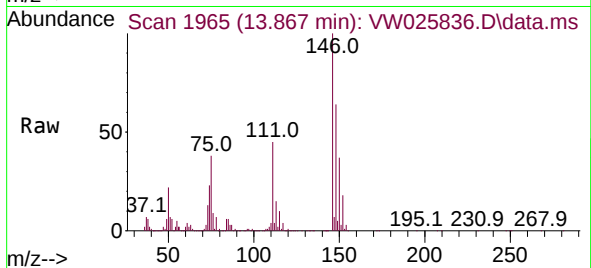




#67
 1,2-Dichlorobenzene
 Concen: 25.548 ug/L
 RT: 13.867 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VW025836.D
 Acq: 03 May 2023 18:57

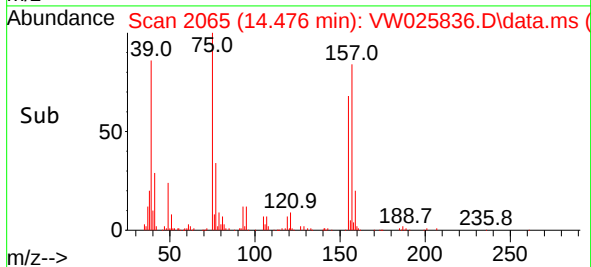
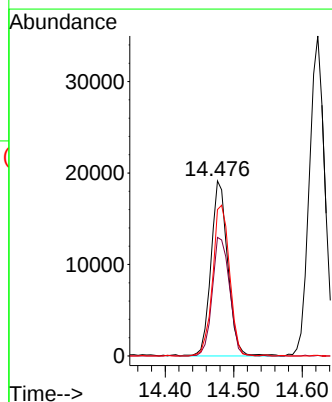
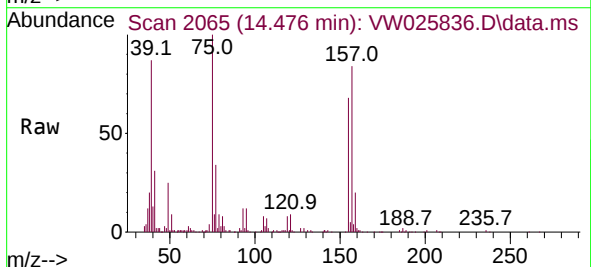
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025593

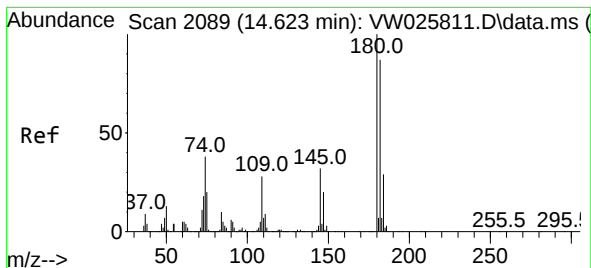
Tgt Ion:146 Resp: 380379
 Ion Ratio Lower Upper
 146 100
 111 45.0 37.7 56.5
 148 63.6 49.4 74.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 23.324 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. -0.006 min
 Lab File: VW025836.D
 Acq: 03 May 2023 18:57

Tgt Ion: 75 Resp: 32612
 Ion Ratio Lower Upper
 75 100
 155 67.8 56.3 84.5
 157 83.7 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 23.108 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025836.D

Acq: 03 May 2023 18:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025593

Tgt Ion:180 Resp: 256088

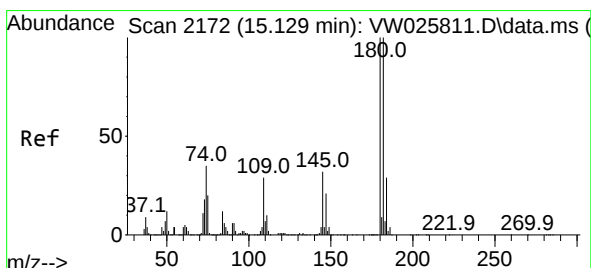
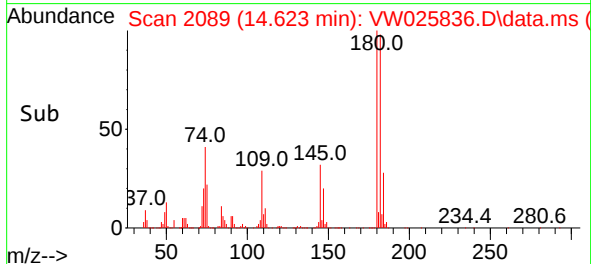
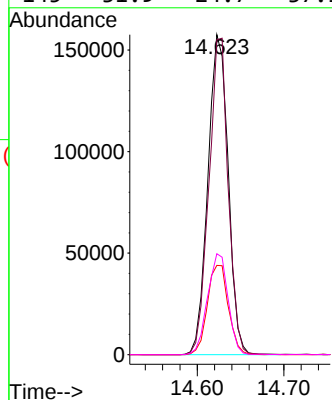
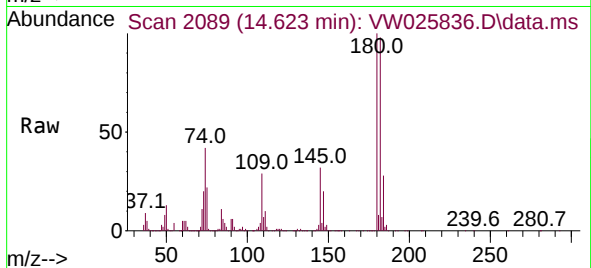
Ion Ratio Lower Upper

180 100

182 94.6 77.4 116.0

184 29.1 24.7 37.1

145 31.9 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 22.905 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025836.D

Acq: 03 May 2023 18:57

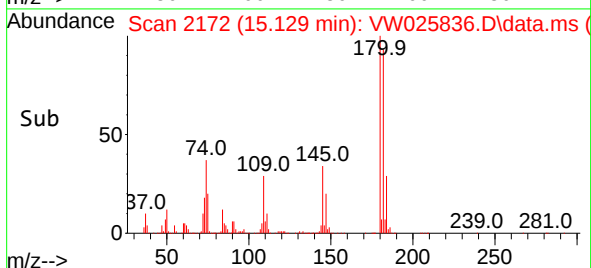
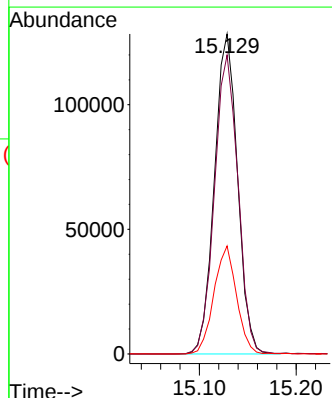
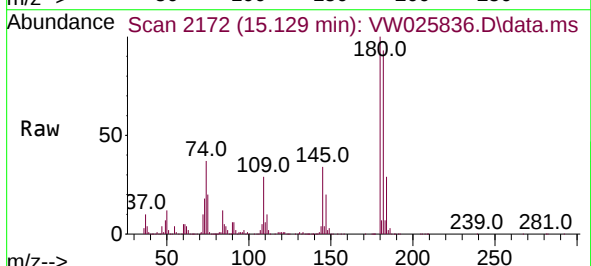
Tgt Ion:180 Resp: 212652

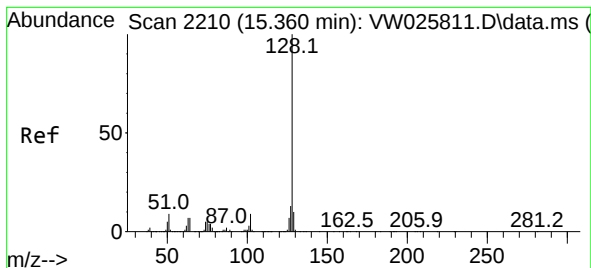
Ion Ratio Lower Upper

180 100

182 95.1 74.3 111.5

145 33.1 25.4 38.0





#71

Naphthalene

Concen: 25.228 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025836.D

Acq: 03 May 2023 18:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025593

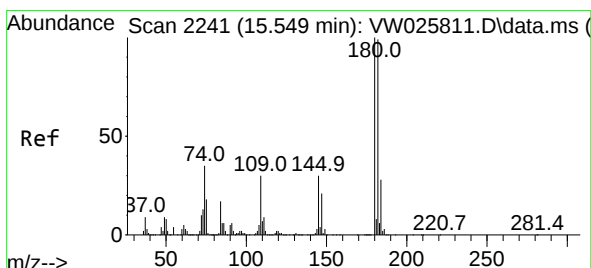
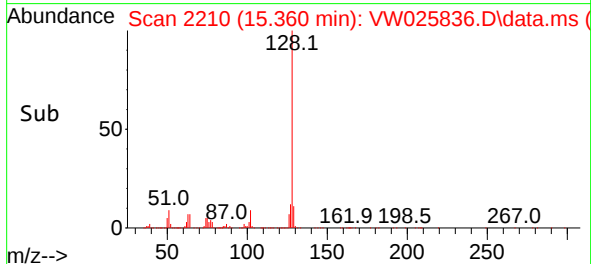
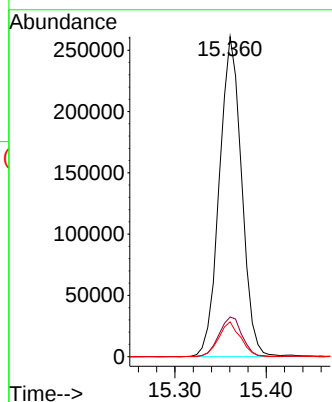
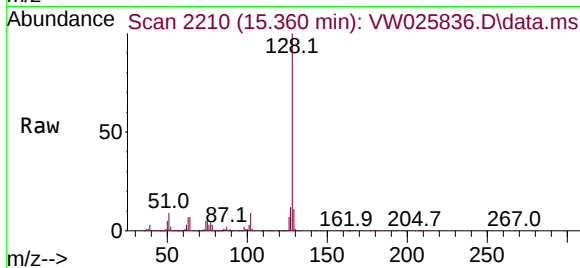
Tgt Ion:128 Resp: 442073

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 24.509 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW025836.D

Acq: 03 May 2023 18:57

Tgt Ion:180 Resp: 201900

Ion Ratio Lower Upper

180 100

182 91.2 76.1 114.1

145 33.4 28.0 42.0

