

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026435.D
 Acq On : 29 Jun 2023 13:55
 Operator : SY/MD
 Sample : VSTD10075
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100475

Quant Time: Jun 30 00:49:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 00:47:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	876609	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	759925	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	352599	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	1039030	104.136	ug/L	0.00
7) Chloroethane-d5	2.893	69	787979	97.022	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	499895	98.890	ug/L	0.00
21) 2-Butanone-d5	7.075	46	709228	188.640	ug/L	0.00
24) Chloroform-d	7.648	84	2014014	94.259	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	1051417	90.026	ug/L	0.00
32) Benzene-d6	8.276	84	4134131	93.541	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	1352614	96.025	ug/L	0.00
41) Toluene-d8	10.319	98	3648047	93.444	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	552469	97.302	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	491869	208.801	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	1001225	92.056	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.855	152	1114177	90.749	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	999167	118.872	ug/L	# 84
3) Chloromethane	2.235	50	1386228	114.964	ug/L	98
5) Vinyl chloride	2.375	62	1320994	106.298	ug/L	99
6) Bromomethane	2.783	94	717626	101.455	ug/L	97
8) Chloroethane	2.930	64	767384	101.827	ug/L	100
9) Trichlorofluoromethane	3.259	101	1041314	115.236	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	1060165	107.220	ug/L	97
12) 1,1-Dichloroethene	4.052	96	1034168	105.716	ug/L	84
13) Acetone	4.119	43	440781	165.418	ug/L	95
14) Carbon disulfide	4.393	76	3459906	108.906	ug/L	99
15) Methyl Acetate	4.667	43	629860	108.863	ug/L	99
16) Methylene chloride	4.923	84	1117578	75.848	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	1130875	107.093	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	1870861	108.410	ug/L	99
19) 1,1-Dichloroethane	6.216	63	2262756	106.490	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	1237885	103.494	ug/L	99
22) 2-Butanone	7.167	43	819372	187.553	ug/L	99
23) Bromochloromethane	7.514	128	500654	100.642	ug/L	97
25) Chloroform	7.673	83	2033101	98.581	ug/L	98
27) 1,2-Dichloroethane	8.398	62	1378781	97.776	ug/L	99
29) Cyclohexane	7.959	56	2242446	104.092	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	1625378	100.405	ug/L	99
31) Carbon tetrachloride	8.069	117	1465657	100.563	ug/L	97
33) Benzene	8.325	78	4656892	97.858	ug/L	100
34) Trichloroethene	9.093	95	1216903	100.384	ug/L	97
35) Methylcyclohexane	9.337	83	2236758	103.570	ug/L	99
37) 1,2-Dichloropropane	9.368	63	1269621	100.497	ug/L	99
38) Bromodichloromethane	9.642	83	1463242	103.195	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	2024492	107.068	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	1790652	206.439	ug/L	98
42) Toluene	10.386	91	4731804	97.187	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	1655708	107.142	ug/L	99

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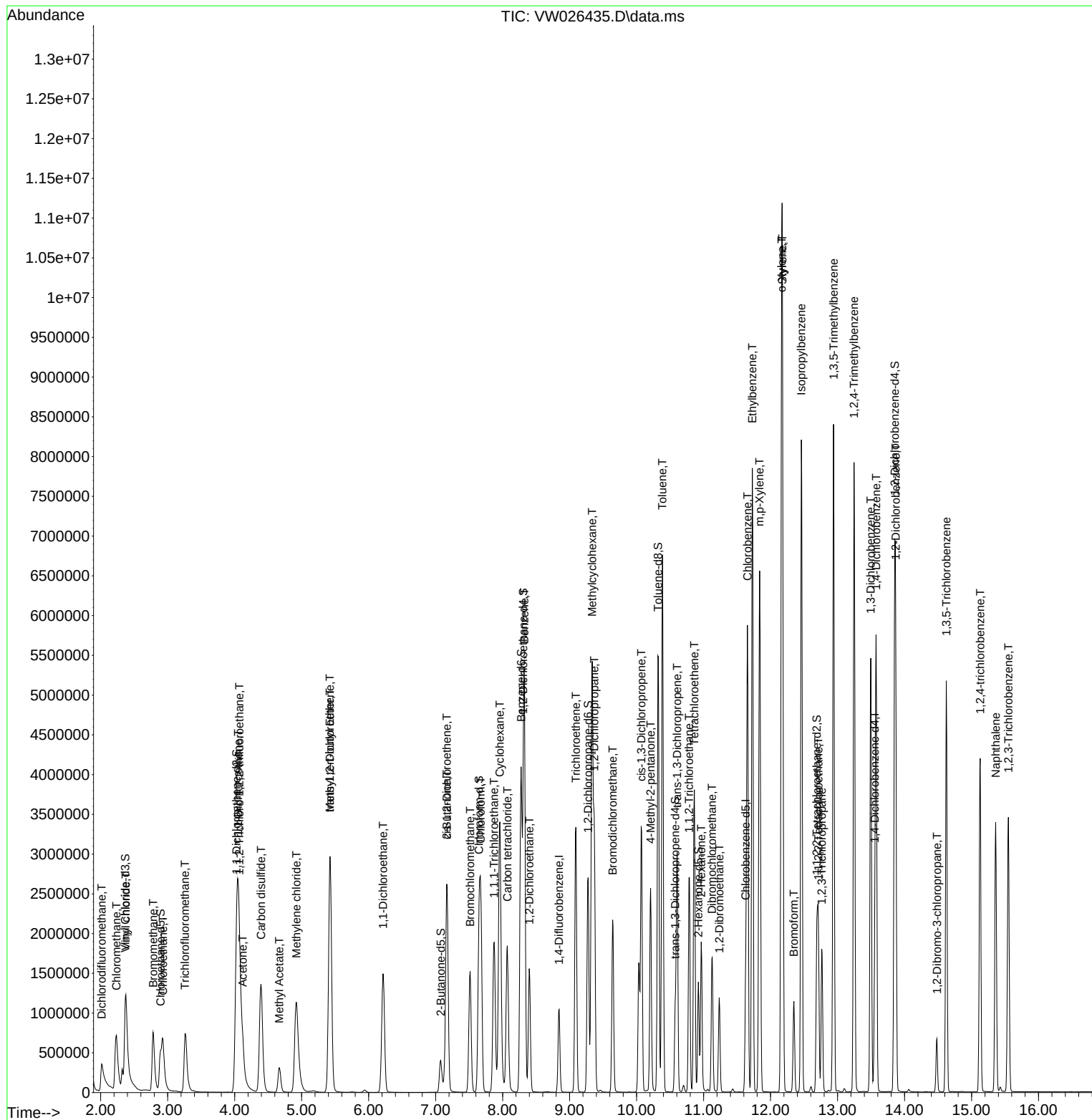
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	845149	98.208	ug/L	98
46) Tetrachloroethene	10.861	164	864557	100.875	ug/L	95
48) 2-Hexanone	10.965	43	1235788	212.257	ug/L	98
49) Dibromochloromethane	11.123	129	905625	105.657	ug/L	97
50) 1,2-Dibromoethane	11.233	107	807941	102.099	ug/L	93
51) Chlorobenzene	11.654	112	2936717	97.487	ug/L	97
52) Ethylbenzene	11.727	91	5430403	99.118	ug/L	98
53) m,p-Xylene	11.837	106	2019675	99.417	ug/L	99
54) o-Xylene	12.166	106	1954270	103.722	ug/L	95
55) Styrene	12.178	104	3339903	103.848	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	1035704	98.561	ug/L	98
59) Bromoform	12.349	173	505480	108.268	ug/L	95
60) Isopropylbenzene	12.459	105	5238533	101.860	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	771231	100.073	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	4371095	106.883	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	4300274	107.635	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	2132673	98.836	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	2112286	98.427	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	1873964	95.970	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	178172	101.343	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	1464241	99.683	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	1309402	102.995	ug/L	99
71) Naphthalene	15.360	128	2831406	109.260	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	1067460	97.636	ug/L	96

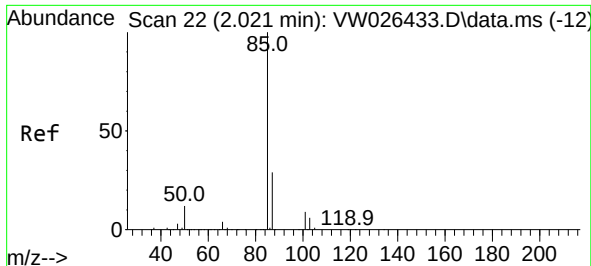
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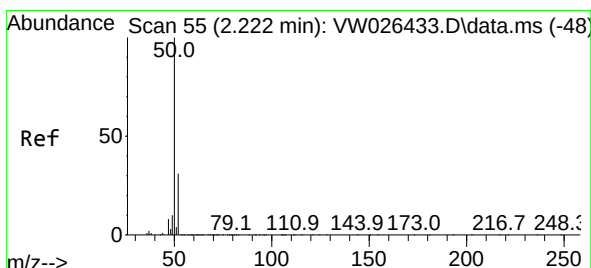
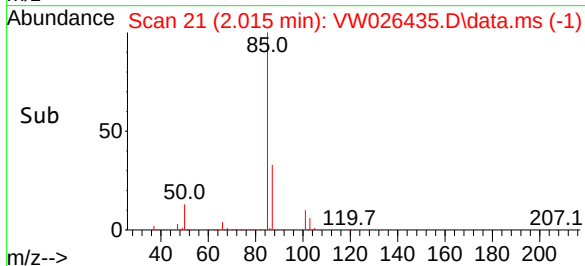
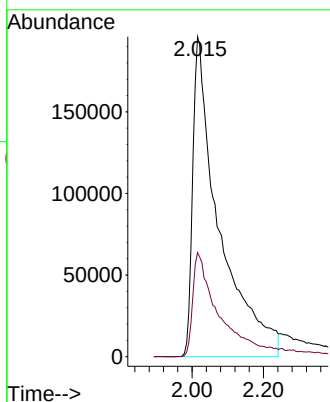
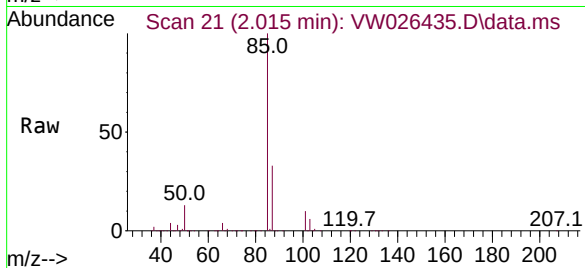




#2
Dichlorodifluoromethane
Concen: 118.872 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

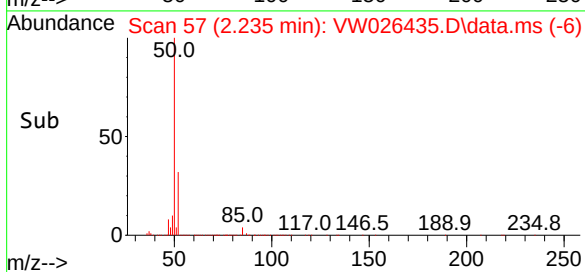
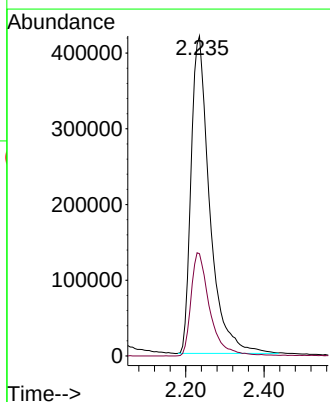
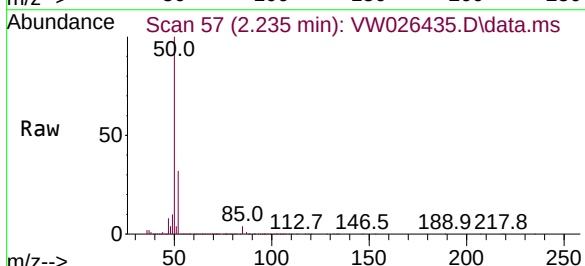
Instrument :
MSVOA_W
ClientSampleId :
VSTD100475

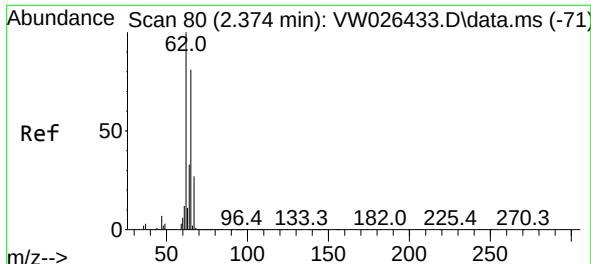
Tgt Ion: 85 Resp: 999167
Ion Ratio Lower Upper
85 100
87 31.7 19.0 28.4#



#3
Chloromethane
Concen: 114.964 ug/L
RT: 2.235 min Scan# 57
Delta R.T. 0.013 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

Tgt Ion: 50 Resp: 1386228
Ion Ratio Lower Upper
50 100
52 32.0 21.7 40.3

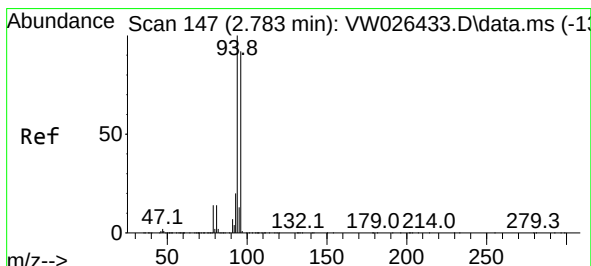
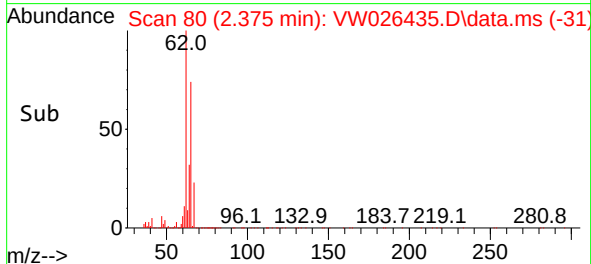
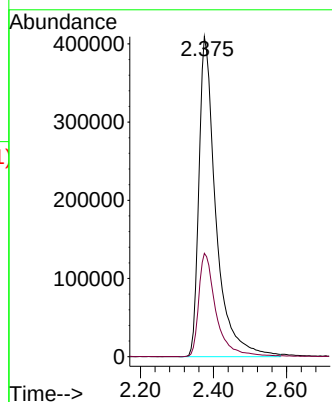
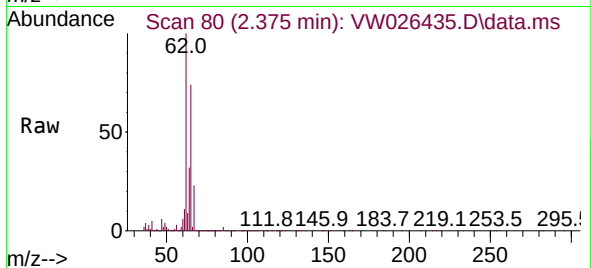




#5
 Vinyl chloride
 Concen: 106.298 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: VW026435.D
 Acq: 29 Jun 2023 13:55

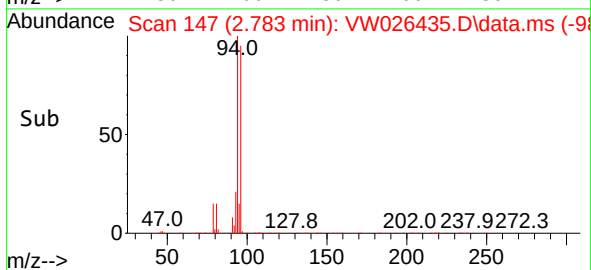
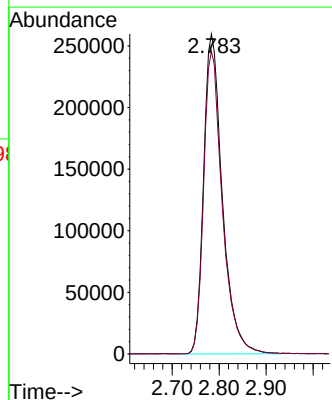
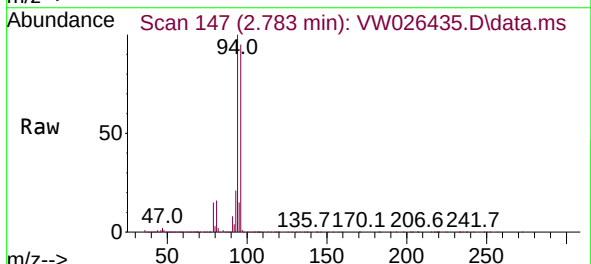
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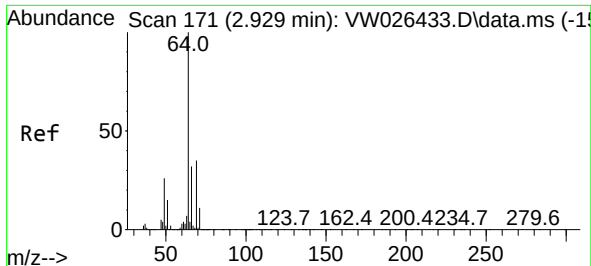
Tgt Ion: 62 Resp: 1320994
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.0 42.8



#6
 Bromomethane
 Concen: 101.455 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.001 min
 Lab File: VW026435.D
 Acq: 29 Jun 2023 13:55

Tgt Ion: 94 Resp: 717626
 Ion Ratio Lower Upper
 94 100
 96 94.6 64.3 119.3

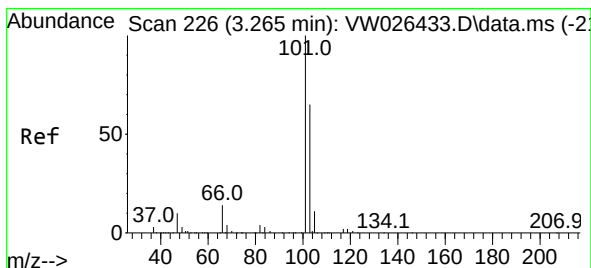
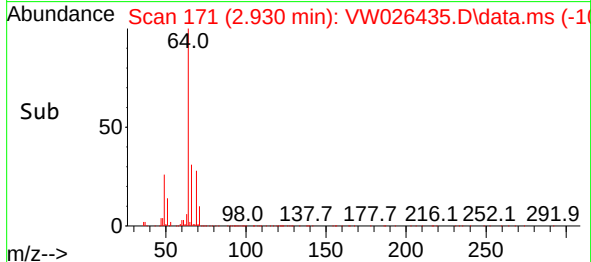
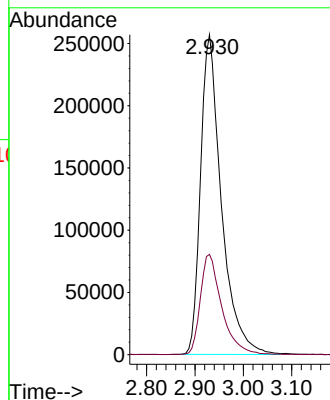
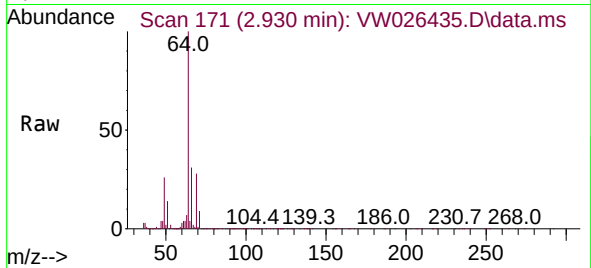




#8
Chloroethane
Concen: 101.827 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.001 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

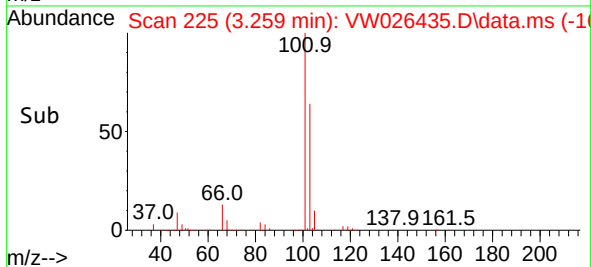
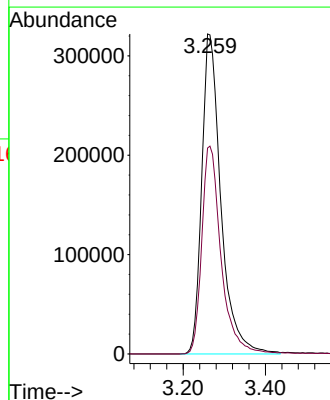
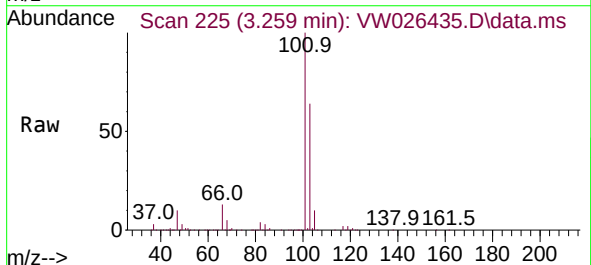
Instrument :
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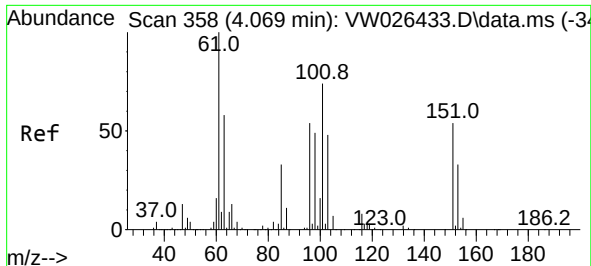
Tgt Ion: 64 Resp: 767384
Ion Ratio Lower Upper
64 100
66 31.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 115.236 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

Tgt Ion:101 Resp: 1041314
Ion Ratio Lower Upper
101 100
103 65.5 52.0 78.0

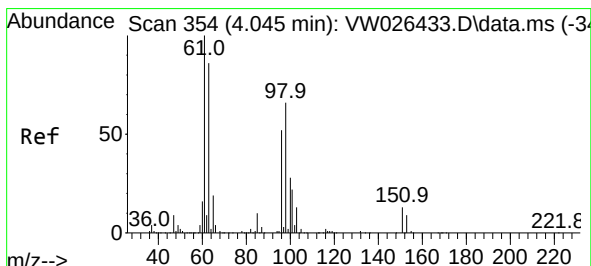
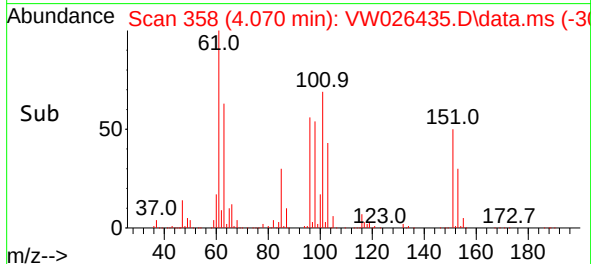
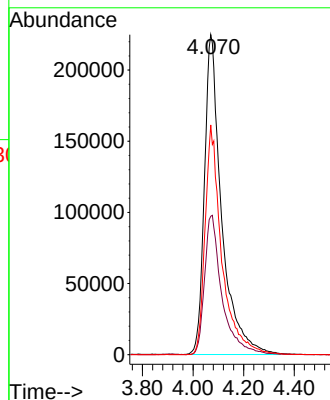
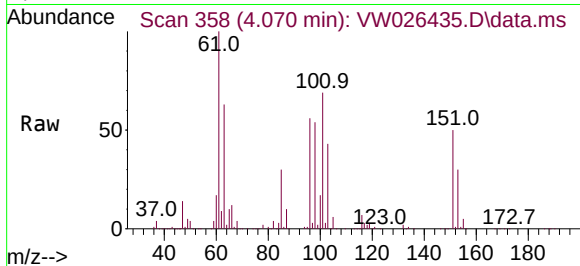




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 107.220 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.001 min
 Lab File: VW026435.D
 Acq: 29 Jun 2023 13:55

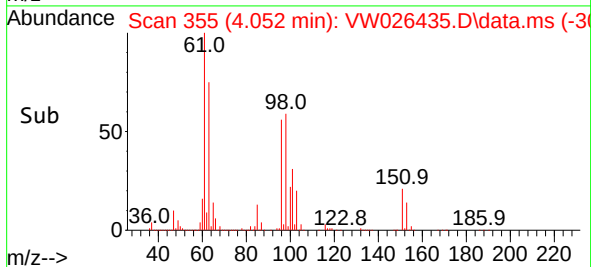
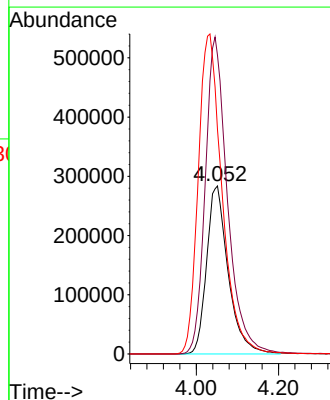
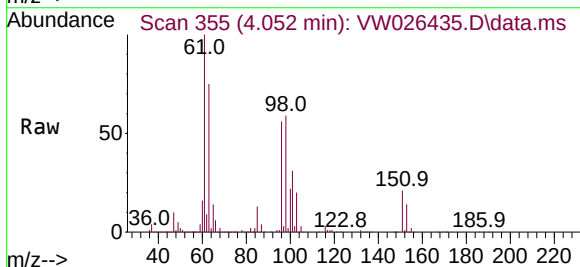
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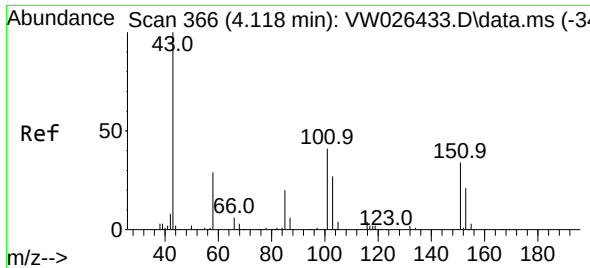
Tgt Ion:101 Resp: 1060165
 Ion Ratio Lower Upper
 101 100
 85 44.1 34.1 51.1
 151 69.4 53.7 80.5



#12
 1,1-Dichloroethene
 Concen: 105.716 ug/L
 RT: 4.052 min Scan# 355
 Delta R.T. 0.007 min
 Lab File: VW026435.D
 Acq: 29 Jun 2023 13:55

Tgt Ion: 96 Resp: 1034168
 Ion Ratio Lower Upper
 96 100
 61 177.8 134.0 248.8
 63 133.6 117.1 217.5

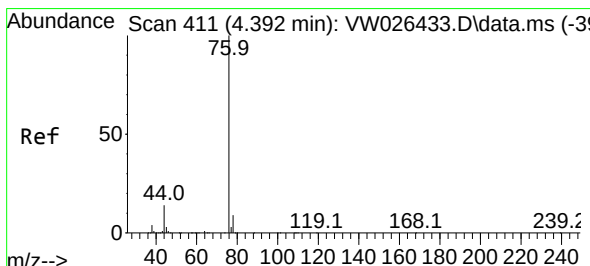
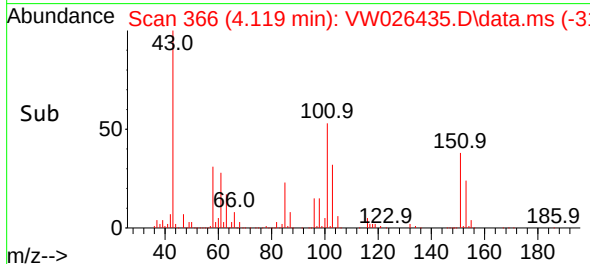
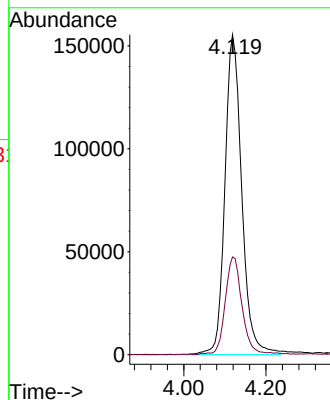
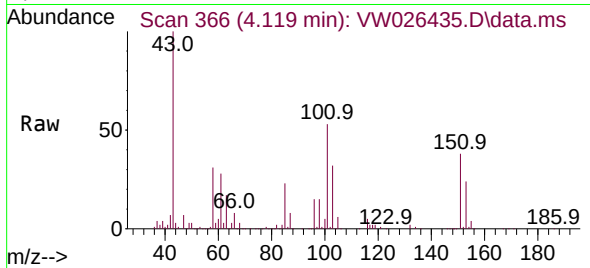




#13
Acetone
Concen: 165.418 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.001 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

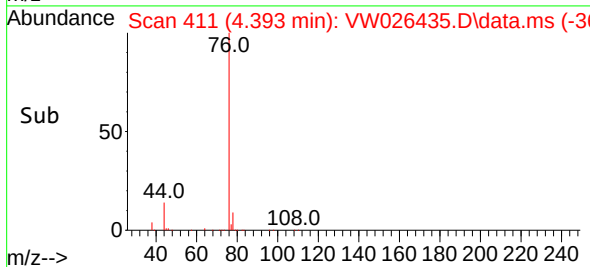
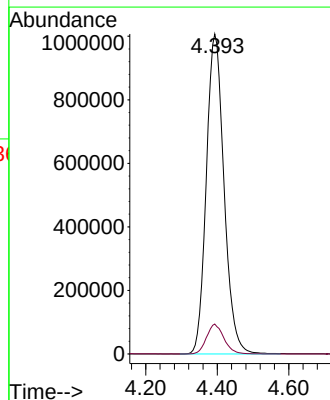
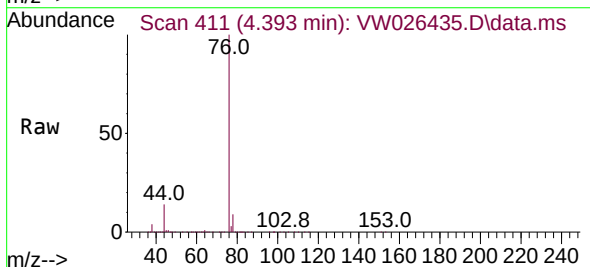
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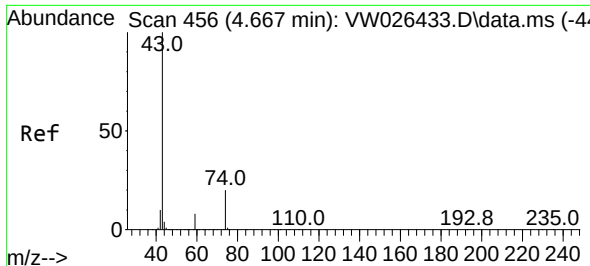
Tgt Ion: 43 Resp: 440781
Ion Ratio Lower Upper
43 100
58 29.0 0.0 63.2



#14
Carbon disulfide
Concen: 108.906 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.001 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

Tgt Ion: 76 Resp: 3459906
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

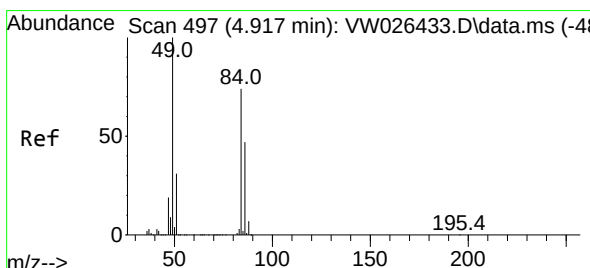
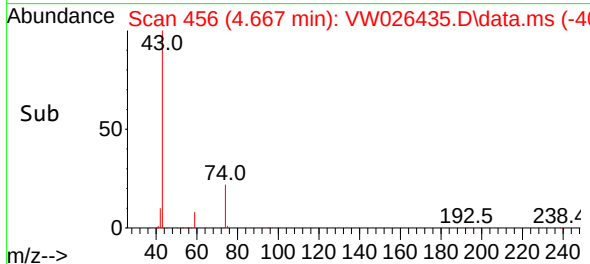
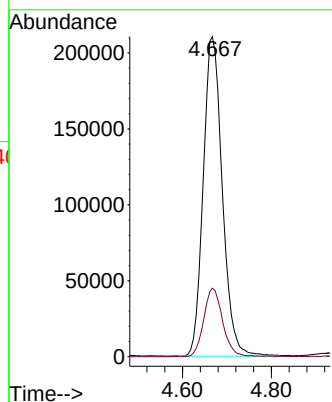
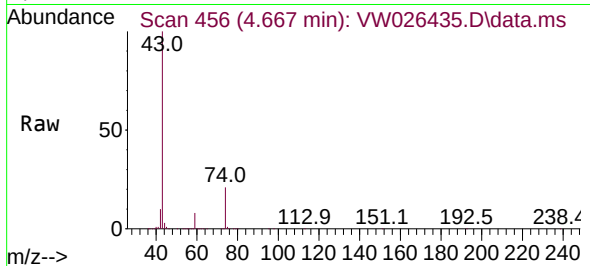




#15
Methyl Acetate
Concen: 108.863 ug/L
RT: 4.667 min Scan# 411
Delta R.T. 0.001 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

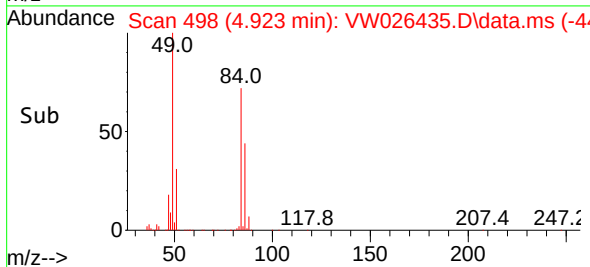
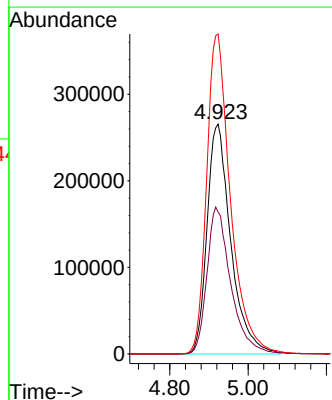
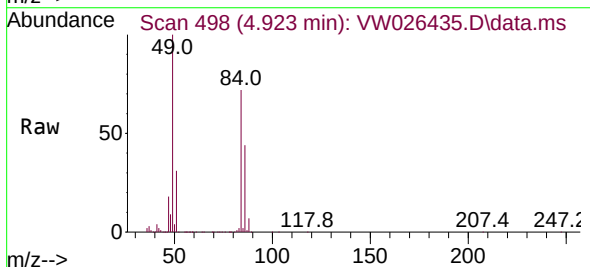
Instrument :
MSVOA_W
ClientSampleId :
VSTD100475

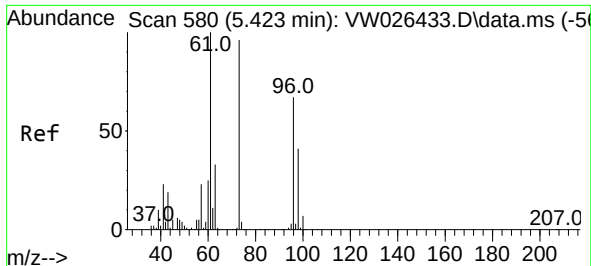
Tgt Ion: 43 Resp: 629860
Ion Ratio Lower Upper
43 100
74 21.1 16.6 24.8



#16
Methylene chloride
Concen: 75.848 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.007 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

Tgt Ion: 84 Resp: 1117578
Ion Ratio Lower Upper
84 100
86 61.7 44.1 81.9
49 139.2 94.1 174.8

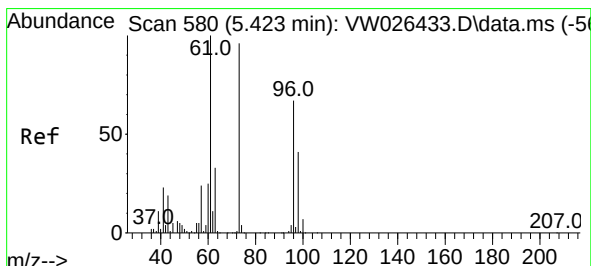
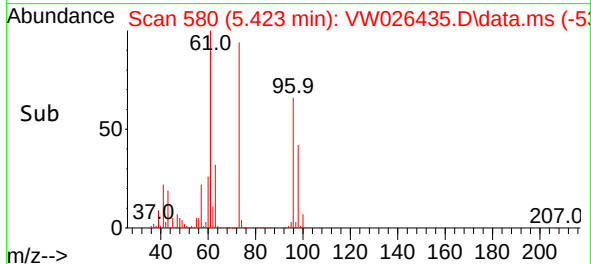
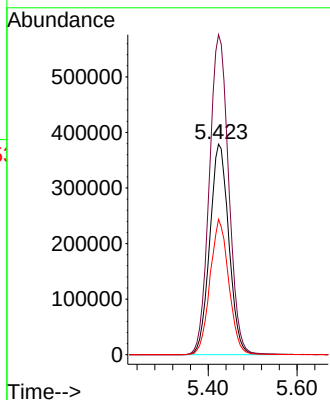
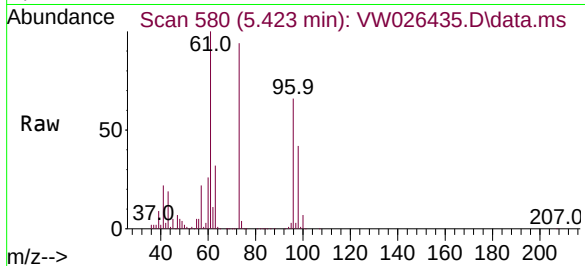




#17
trans-1,2-Dichloroethene
Concen: 107.093 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.001 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

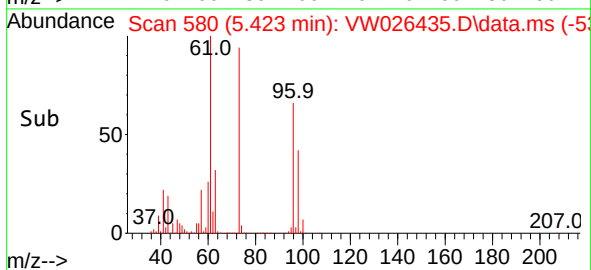
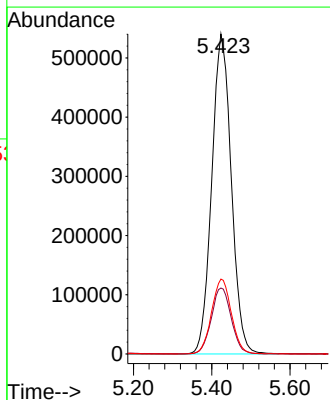
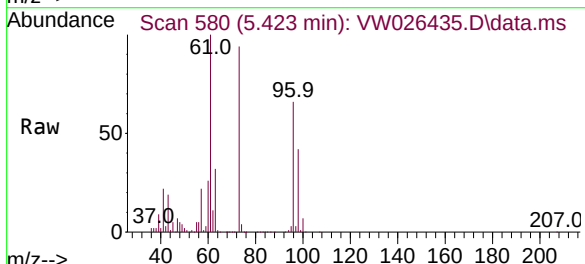
Instrument :
MSVOA_W
ClientSampleId :
VSTD100475

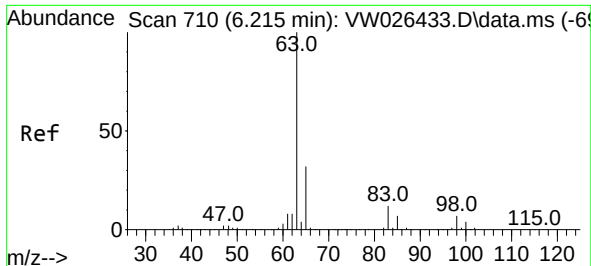
Tgt Ion: 96 Resp: 1130875
Ion Ratio Lower Upper
96 100
61 151.9 105.2 195.4
98 64.3 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 108.410 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.001 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

Tgt Ion: 73 Resp: 1870861
Ion Ratio Lower Upper
73 100
43 21.0 16.6 25.0
57 23.6 19.3 28.9



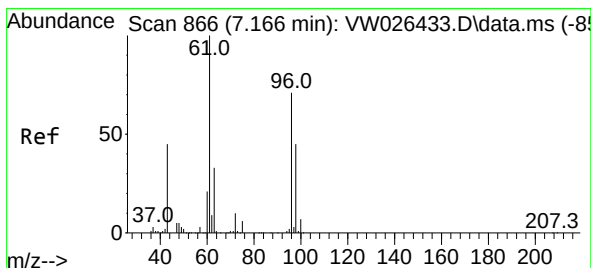
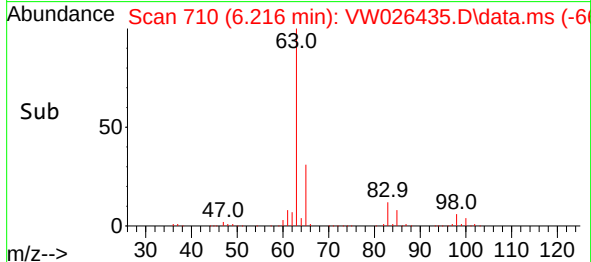
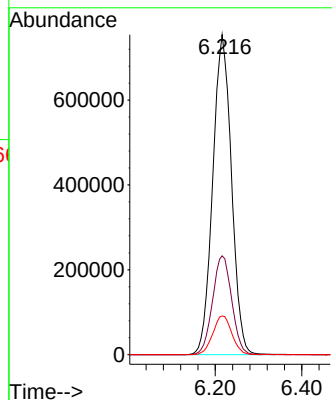
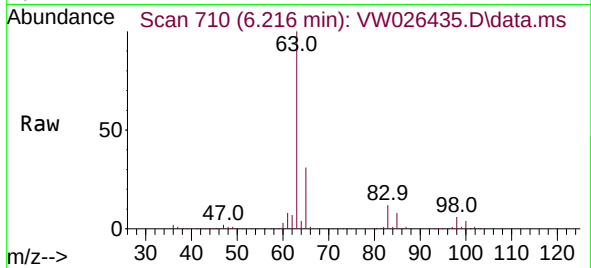


#19
 1,1-Dichloroethane
 Concen: 106.490 ug/L
 RT: 6.216 min Scan# 710
 Delta R.T. 0.001 min
 Lab File: VW026435.D
 Acq: 29 Jun 2023 13:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100475

Tgt Ion: 63 Resp: 2262756

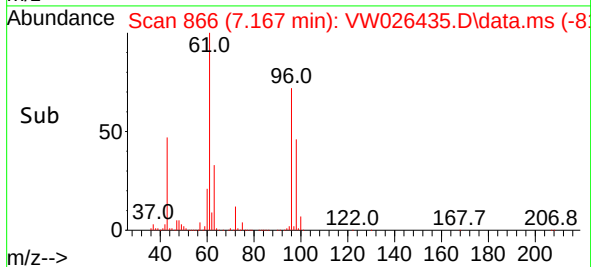
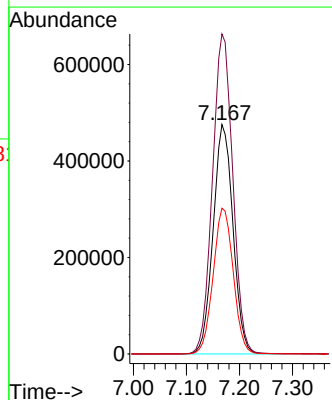
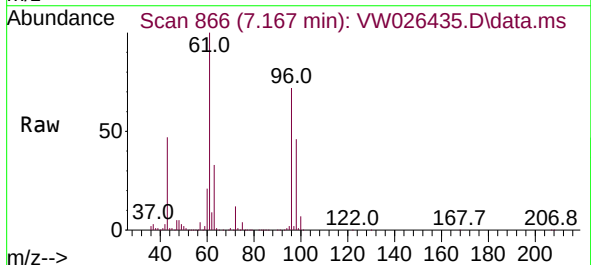
Ion	Ratio	Lower	Upper
63	100		
65	30.9	22.3	41.5
83	12.1	8.3	15.3

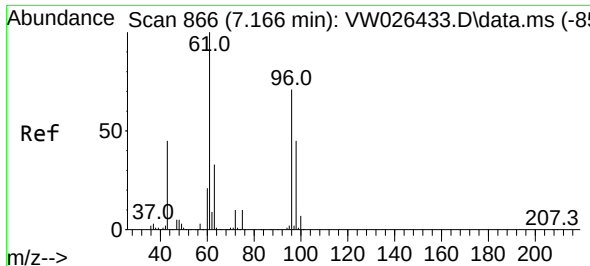


#20
 cis-1,2-Dichloroethene
 Concen: 103.494 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. 0.001 min
 Lab File: VW026435.D
 Acq: 29 Jun 2023 13:55

Tgt Ion: 96 Resp: 1237885

Ion	Ratio	Lower	Upper
96	100		
61	139.5	99.3	184.5
98	63.5	44.3	82.3

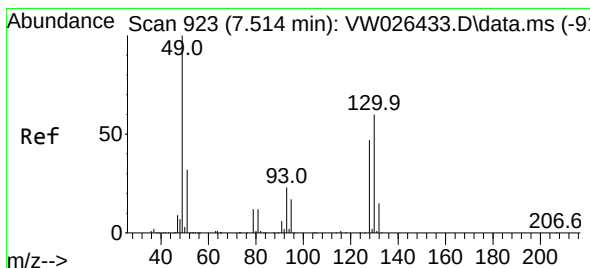
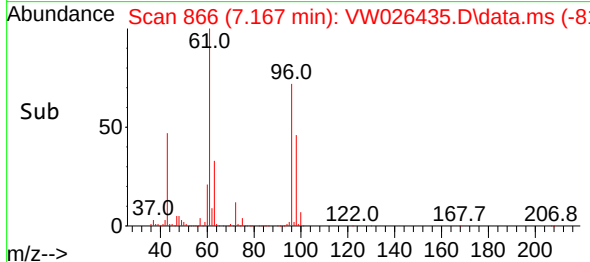
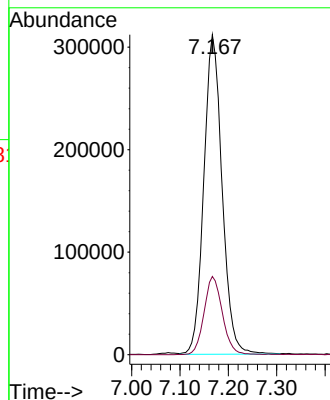
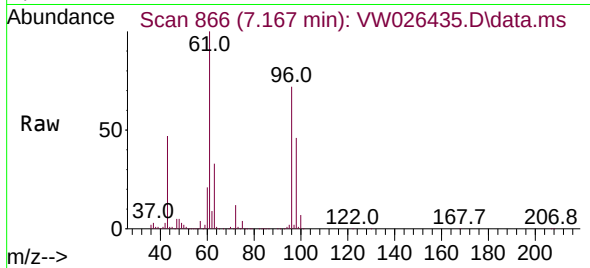




#22
2-Butanone
Concen: 187.553 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.001 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

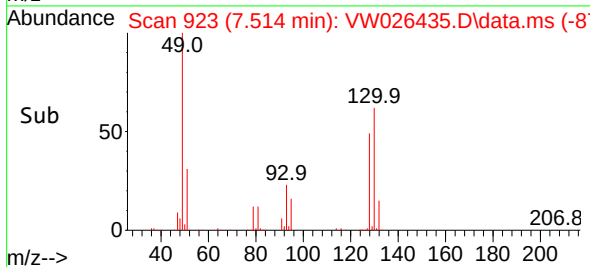
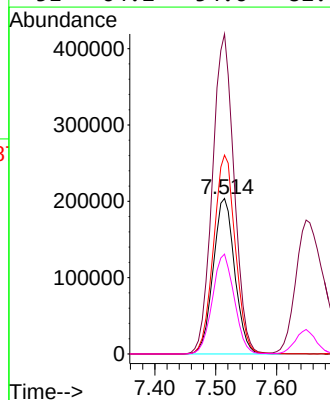
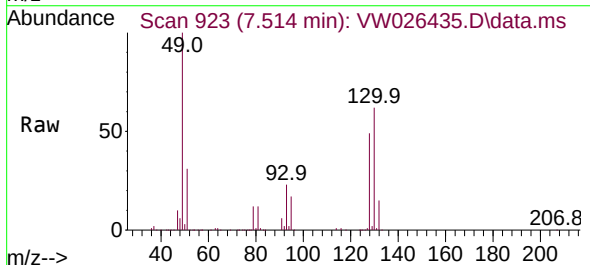
Instrument :
MSVOA_W
ClientSampleId :
VSTD100475

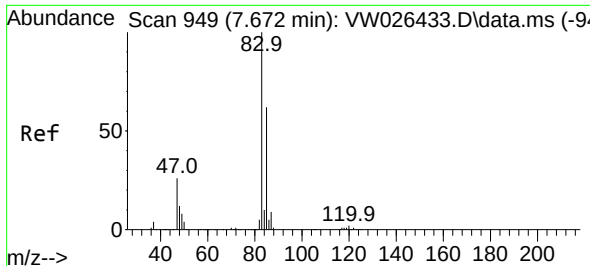
Tgt Ion: 43 Resp: 819372
Ion Ratio Lower Upper
43 100
72 24.5 12.6 37.8



#23
Bromochloromethane
Concen: 100.642 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.001 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

Tgt Ion: 128 Resp: 500654
Ion Ratio Lower Upper
128 100
49 205.8 149.2 277.2
130 127.9 89.2 165.8
51 64.2 54.6 82.0

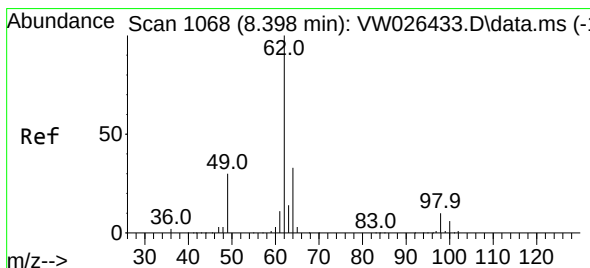
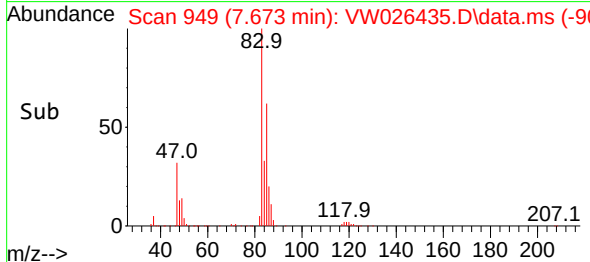
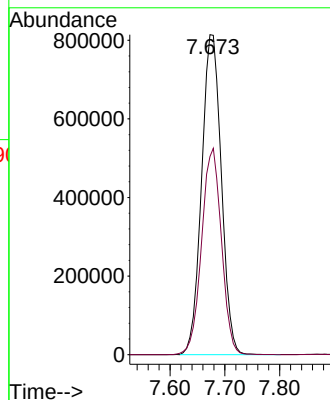
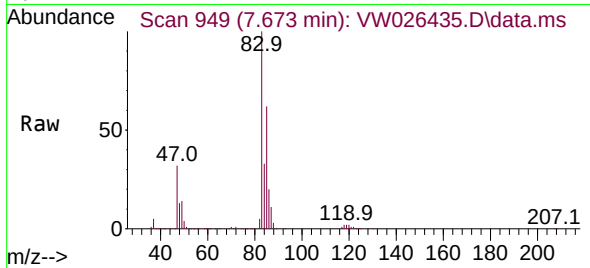




#25
Chloroform
Concen: 98.581 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.001 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

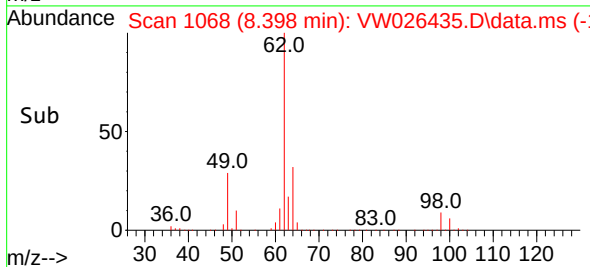
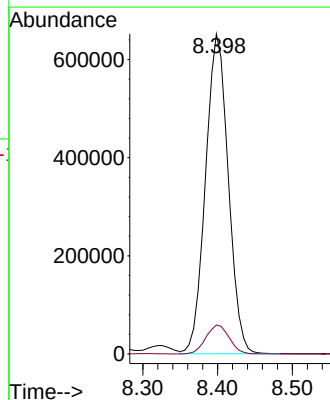
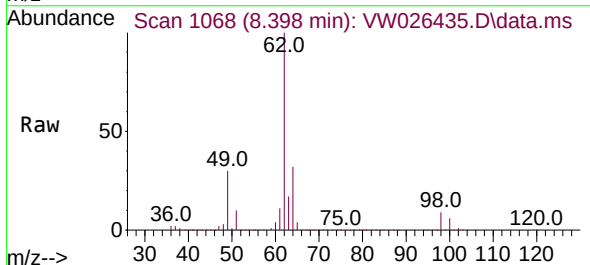
Instrument :
MSVOA_W
ClientSampleId :
VSTD100475

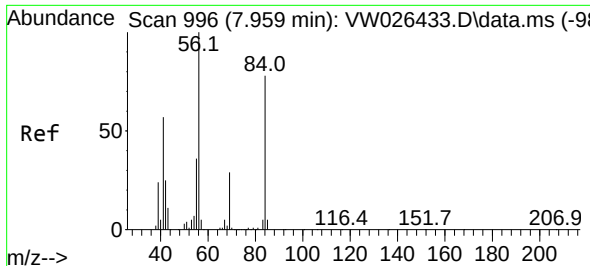
Tgt Ion: 83 Resp: 2033101
Ion Ratio Lower Upper
83 100
85 61.9 44.4 82.4



#27
1,2-Dichloroethane
Concen: 97.776 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

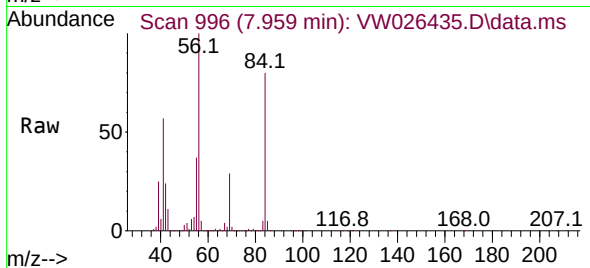
Tgt Ion: 62 Resp: 1378781
Ion Ratio Lower Upper
62 100
98 9.1 7.6 11.4





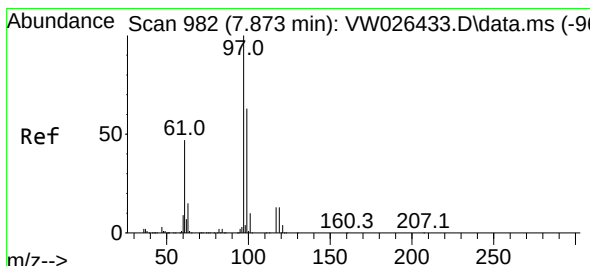
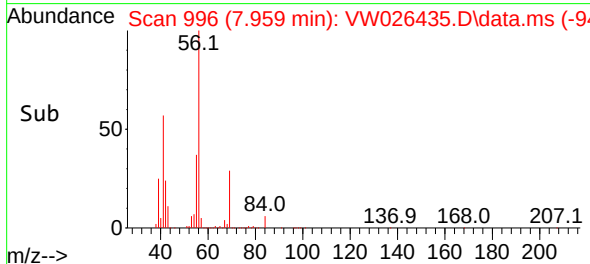
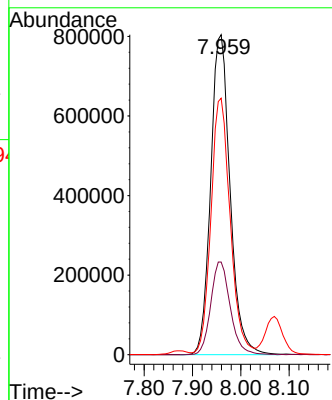
#29
Cyclohexane
Concen: 104.092 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.001 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

Instrument :
MSVOA_W
ClientSampleId :
VSTD100475



Tgt Ion: 56 Resp: 2242446

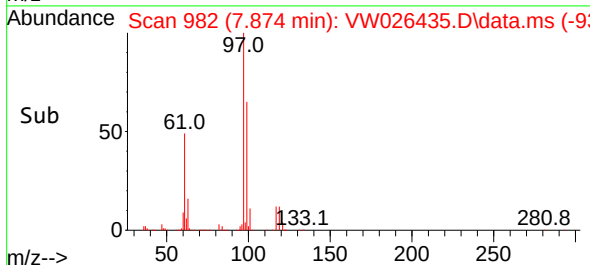
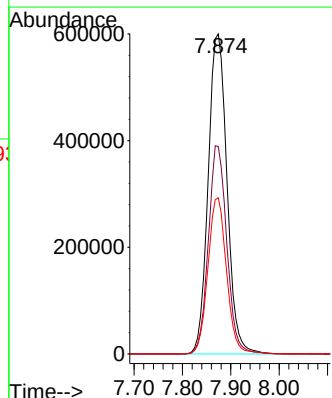
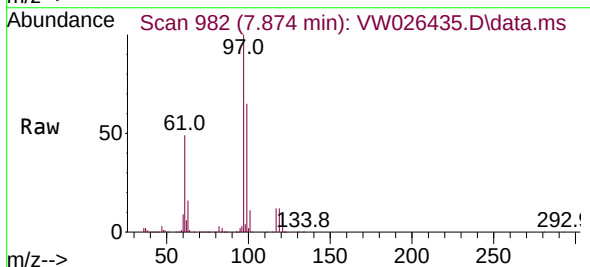
Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.2	34.8
84	79.4	63.5	95.3

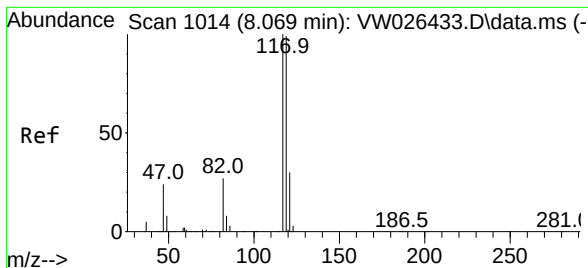


#30
1,1,1-Trichloroethane
Concen: 100.405 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.001 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

Tgt Ion: 97 Resp: 1625378

Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.3	76.9
61	48.4	39.5	59.3





#31

Carbon tetrachloride

Concen: 100.563 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.001 min

Lab File: VW026435.D

Acq: 29 Jun 2023 13:55

Instrument :

MSVOA_W

ClientSampleId :

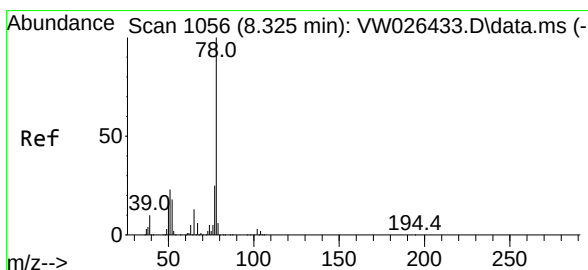
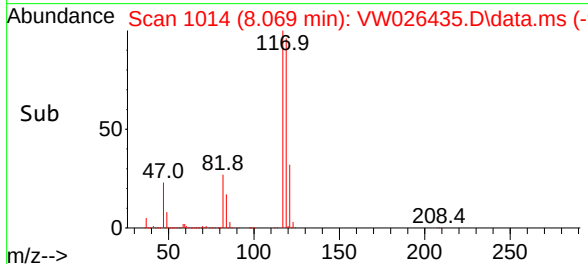
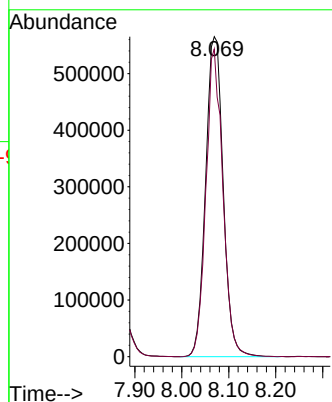
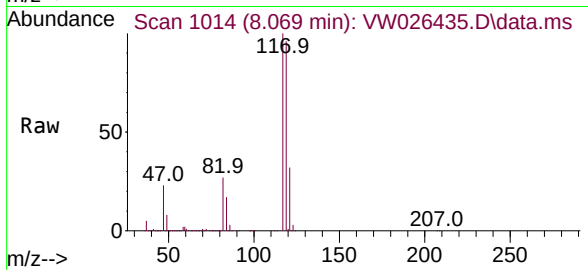
VSTD100475

Tgt Ion:117 Resp: 1465657

Ion Ratio Lower Upper

117 100

119 92.5 76.2 114.2



#33

Benzene

Concen: 97.858 ug/L

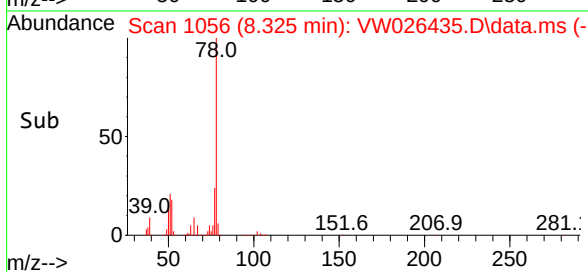
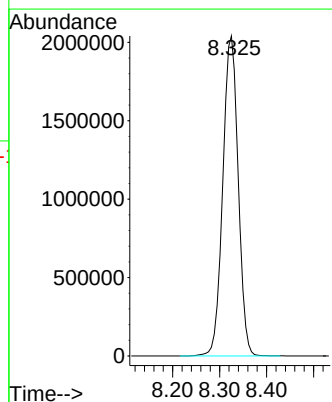
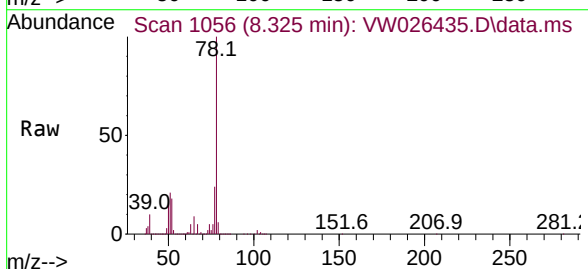
RT: 8.325 min Scan# 1056

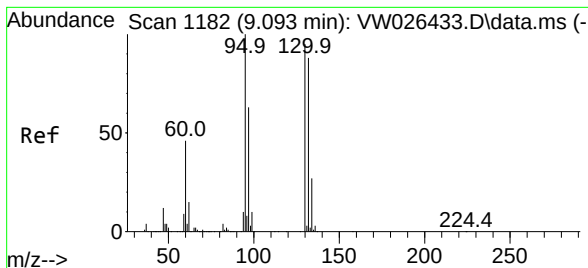
Delta R.T. 0.001 min

Lab File: VW026435.D

Acq: 29 Jun 2023 13:55

Tgt Ion: 78 Resp: 4656892





#34

Trichloroethene

Concen: 100.384 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.001 min

Lab File: VW026435.D

Acq: 29 Jun 2023 13:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD100475

Tgt Ion: 95 Resp: 1216903

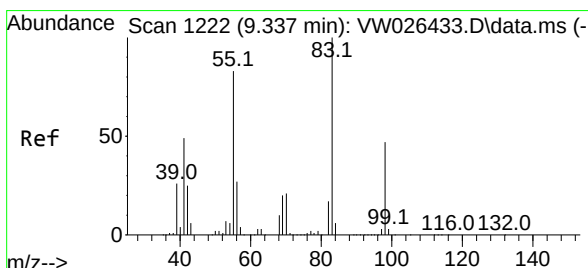
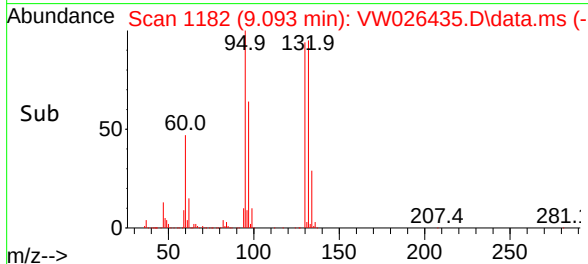
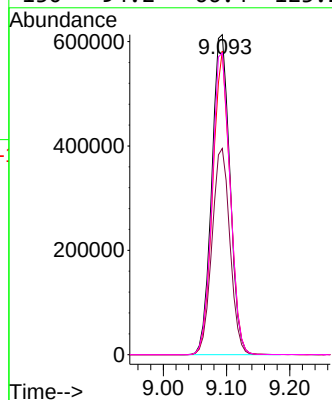
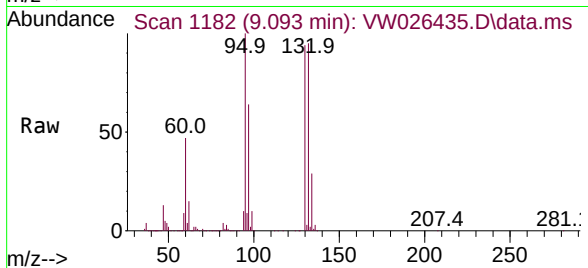
Ion Ratio Lower Upper

95 100

97 64.4 44.1 81.9

132 94.9 61.8 114.8

130 94.2 66.4 123.2



#35

Methylcyclohexane

Concen: 103.570 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.001 min

Lab File: VW026435.D

Acq: 29 Jun 2023 13:55

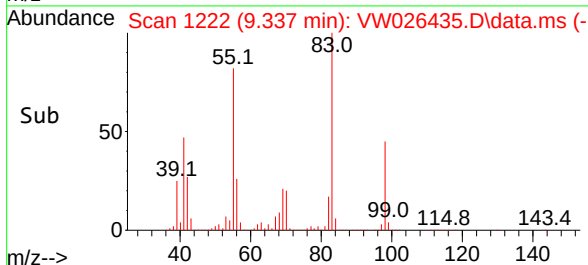
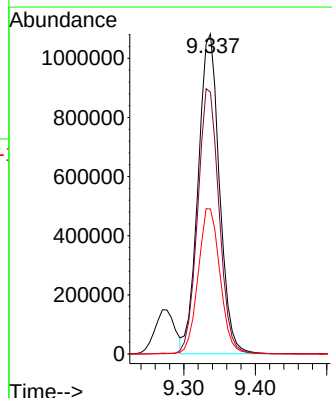
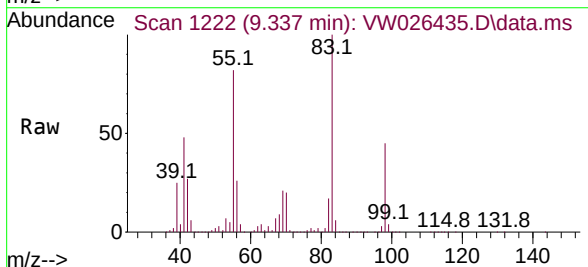
Tgt Ion: 83 Resp: 2236758

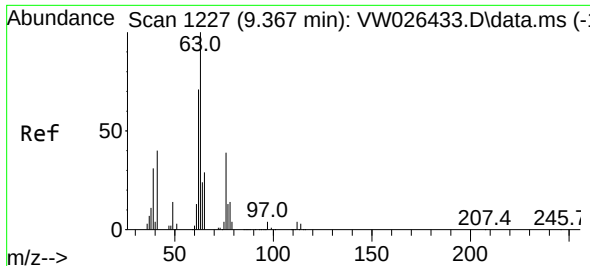
Ion Ratio Lower Upper

83 100

55 83.5 66.5 99.7

98 46.8 37.0 55.6





#37

1,2-Dichloropropane

Concen: 100.497 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.001 min

Lab File: VW026435.D

Acq: 29 Jun 2023 13:55

Instrument :

MSVOA_W

ClientSampleId :

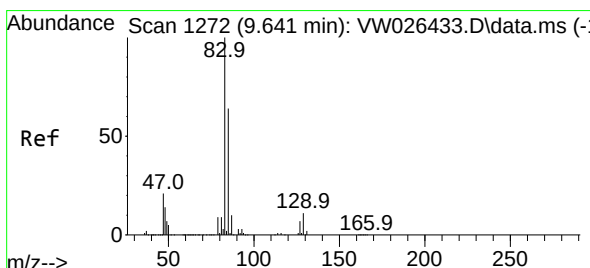
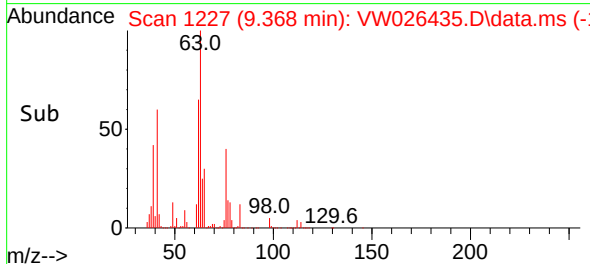
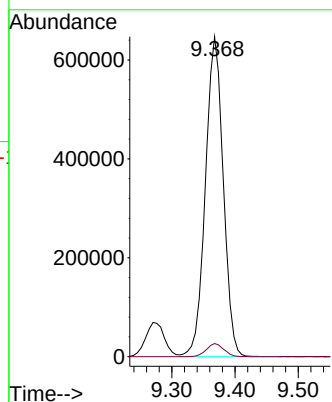
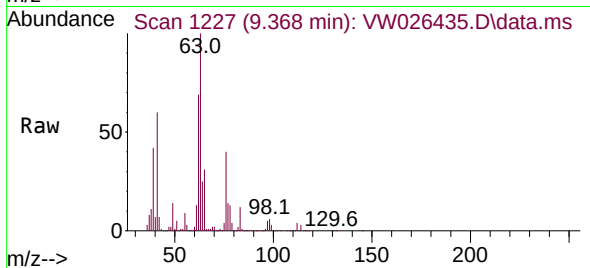
VSTD100475

Tgt Ion: 63 Resp: 1269621

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.0



#38

Bromodichloromethane

Concen: 103.195 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.001 min

Lab File: VW026435.D

Acq: 29 Jun 2023 13:55

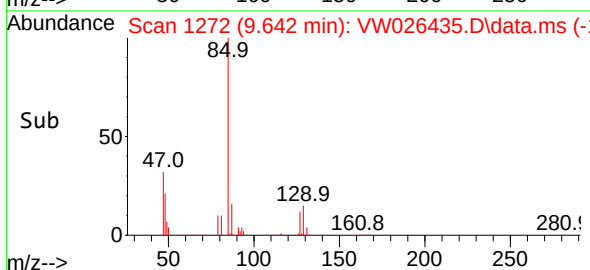
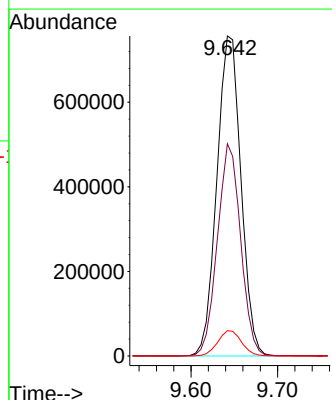
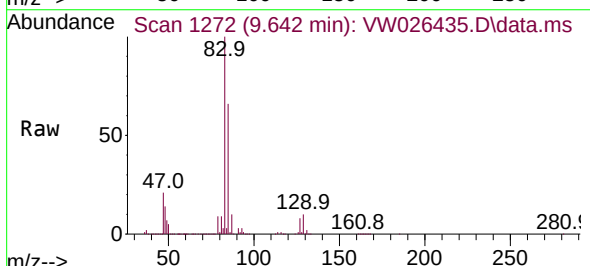
Tgt Ion: 83 Resp: 1463242

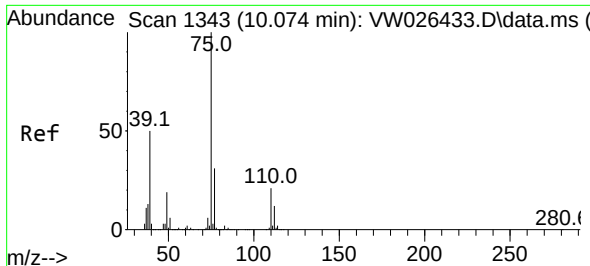
Ion Ratio Lower Upper

83 100

85 66.3 45.1 83.7

127 7.9 5.9 8.9

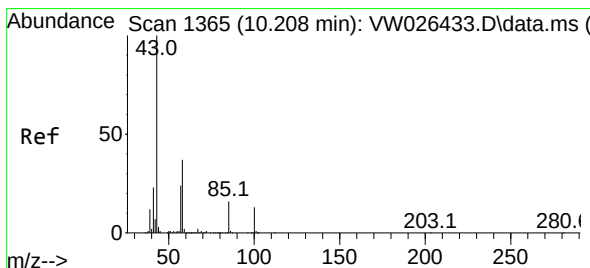
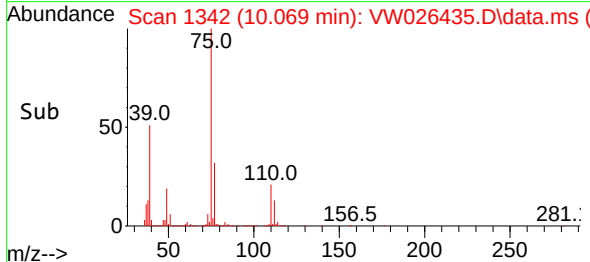
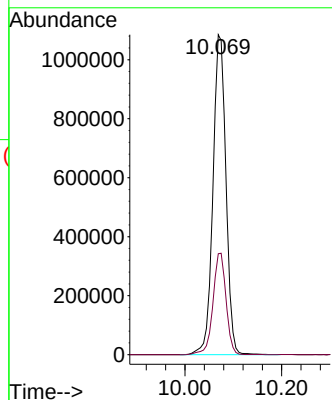
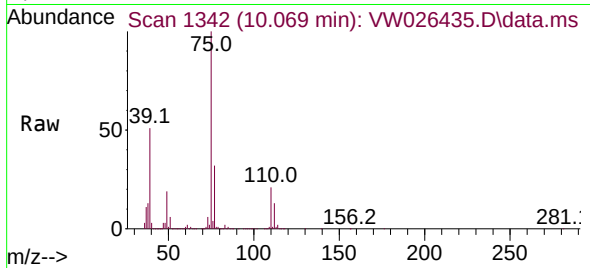




#39
cis-1,3-Dichloropropene
Concen: 107.068 ug/L
RT: 10.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

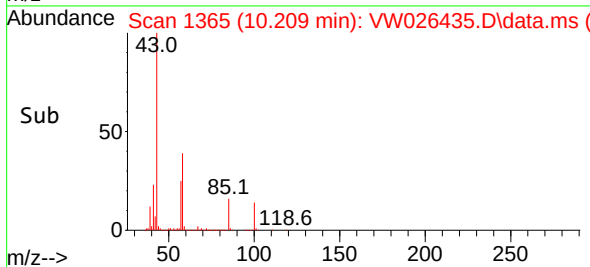
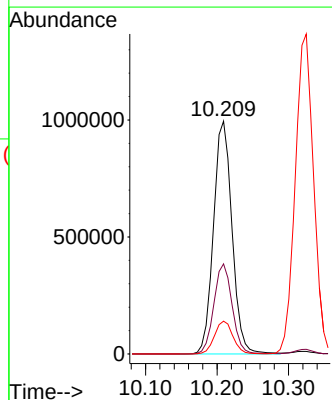
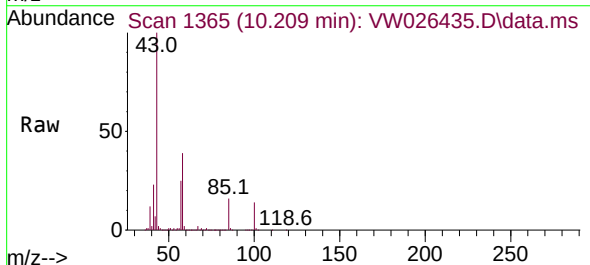
Instrument :
MSVOA_W
ClientSampleId :
VSTD100475

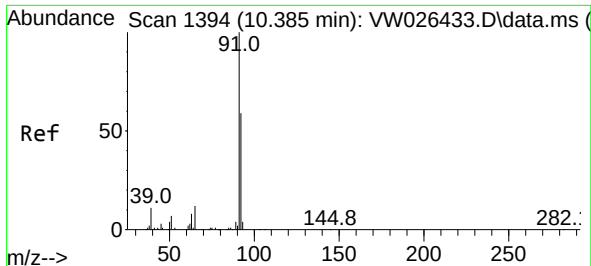
Tgt Ion: 75 Resp: 2024492
Ion Ratio Lower Upper
75 100
77 31.6 21.9 40.7



#40
4-Methyl-2-pentanone
Concen: 206.439 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.001 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

Tgt Ion: 43 Resp: 1790652
Ion Ratio Lower Upper
43 100
58 38.2 29.7 44.5
100 14.1 10.9 16.3

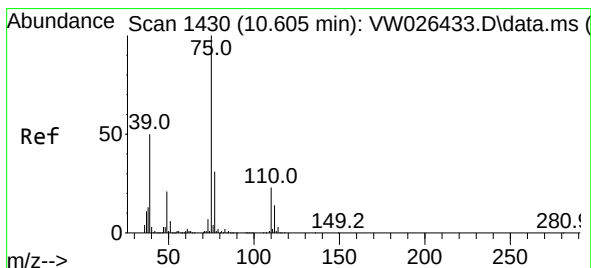
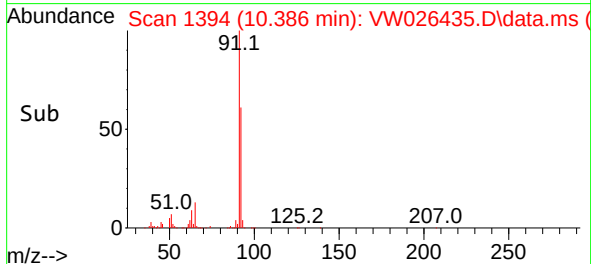
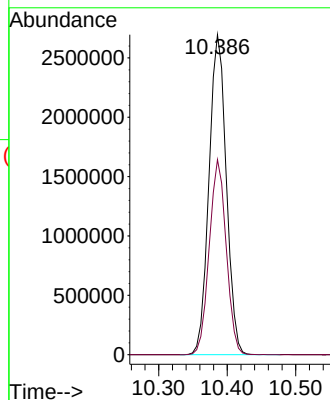
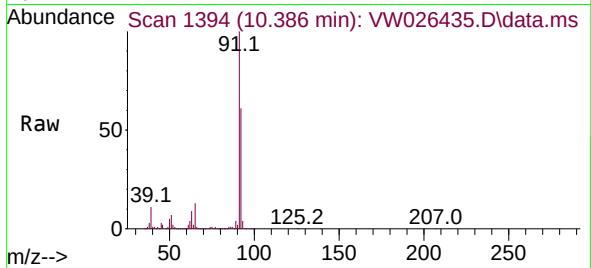




#42
Toluene
Concen: 97.187 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.001 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

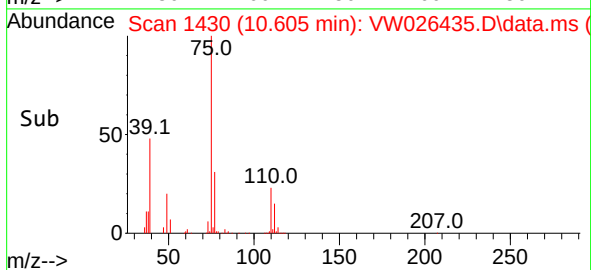
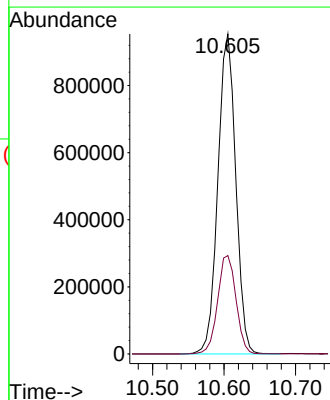
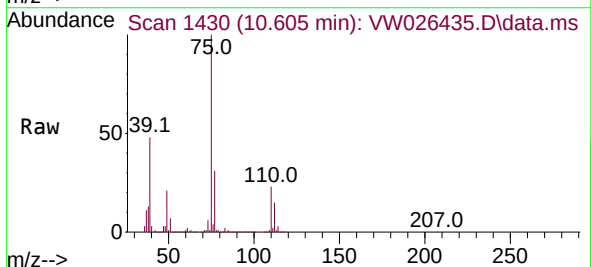
Instrument :
MSVOA_W
ClientSampleId :
VSTD100475

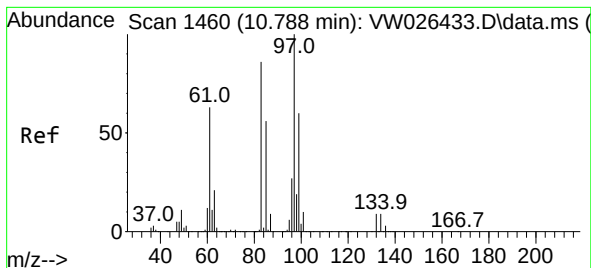
Tgt Ion: 91 Resp: 4731804
Ion Ratio Lower Upper
91 100
92 60.9 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 107.142 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.001 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

Tgt Ion: 75 Resp: 1655708
Ion Ratio Lower Upper
75 100
77 30.8 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 98.208 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW026435.D

Acq: 29 Jun 2023 13:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD100475

Tgt Ion: 97 Resp: 845149

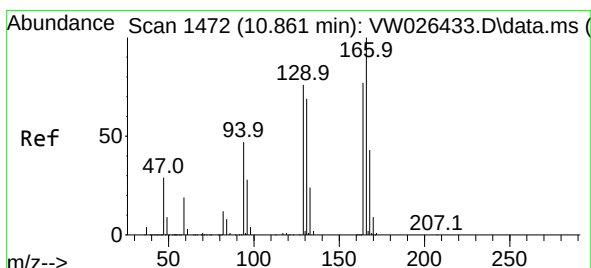
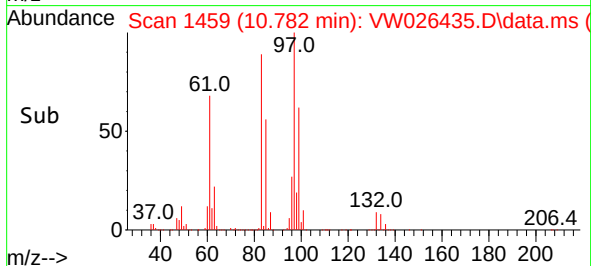
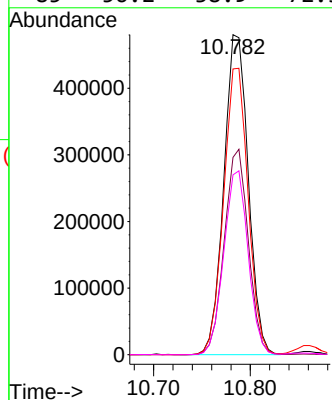
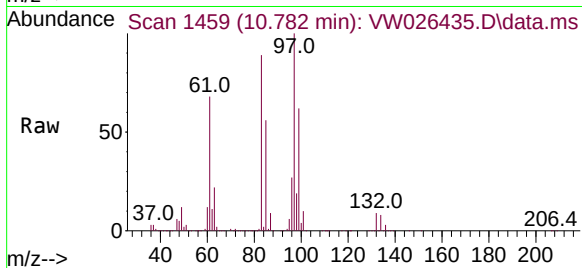
Ion Ratio Lower Upper

97 100

99 61.6 42.1 78.3

83 89.3 60.5 112.5

85 56.2 38.9 72.3



#46

Tetrachloroethene

Concen: 100.875 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.001 min

Lab File: VW026435.D

Acq: 29 Jun 2023 13:55

Tgt Ion:164 Resp: 864557

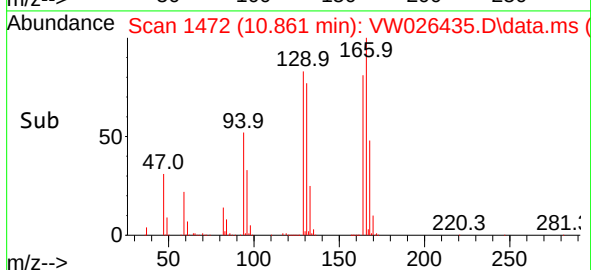
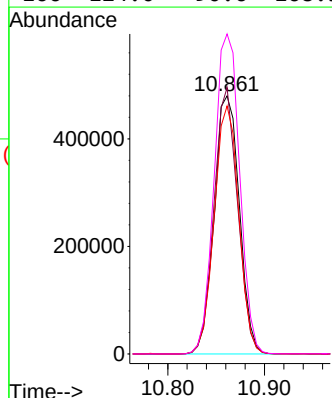
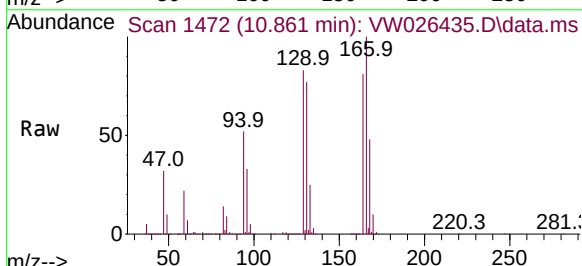
Ion Ratio Lower Upper

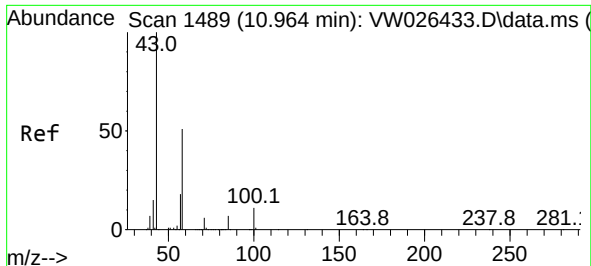
164 100

129 103.2 69.0 128.2

131 96.1 62.6 116.3

166 124.0 90.6 168.3



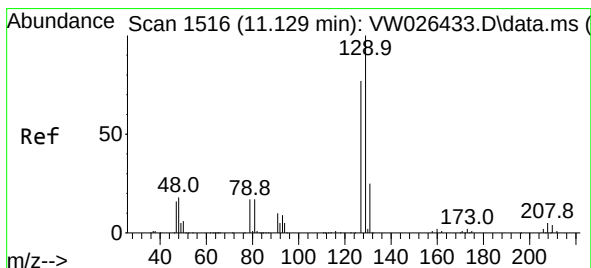
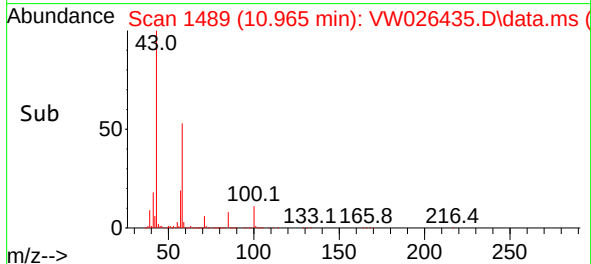
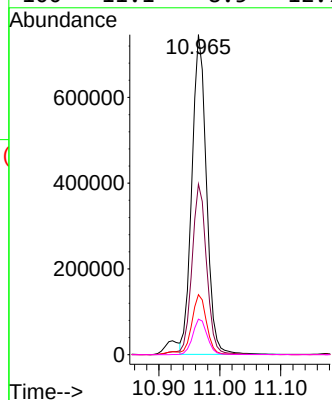
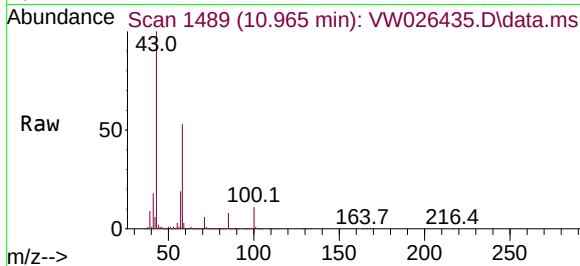


#48
2-Hexanone
Concen: 212.257 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

Instrument :
MSVOA_W
ClientSampleId :
VSTD100475

Tgt Ion: 43 Resp: 1235788

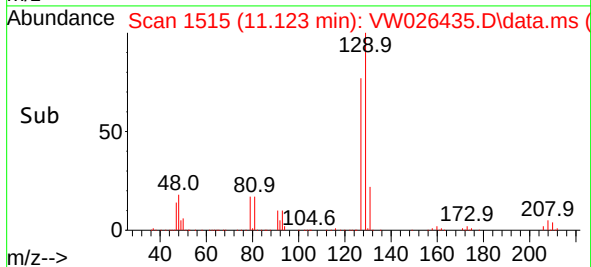
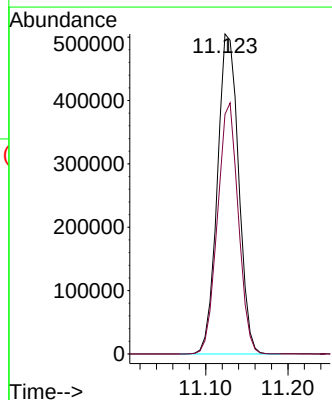
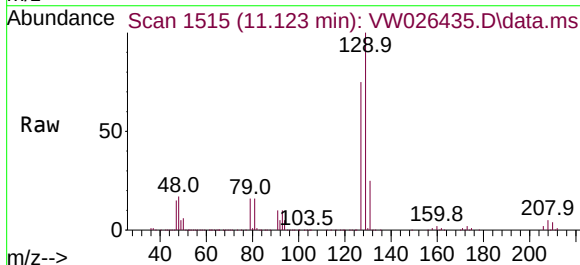
Ion	Ratio	Lower	Upper
43	100		
58	54.4	42.1	63.1
57	18.4	14.5	21.7
100	11.1	8.5	12.7

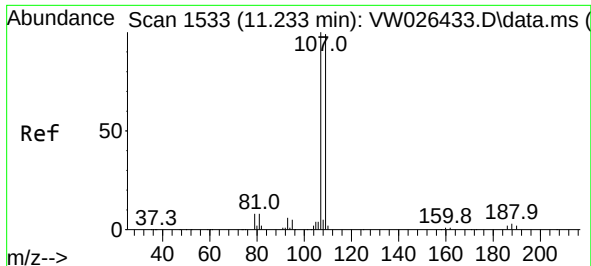


#49
Dibromochloromethane
Concen: 105.657 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

Tgt Ion: 129 Resp: 905625

Ion	Ratio	Lower	Upper
129	100		
127	74.9	54.0	100.4

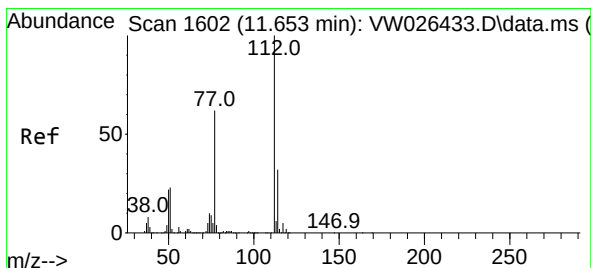
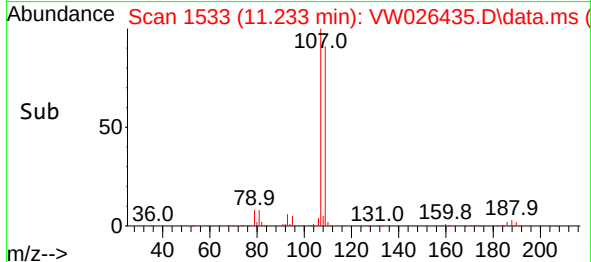
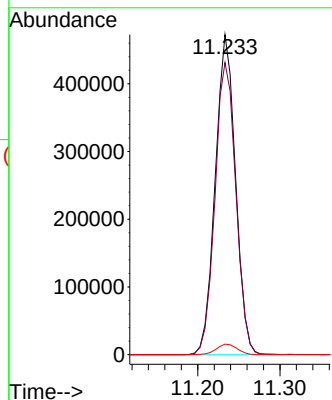
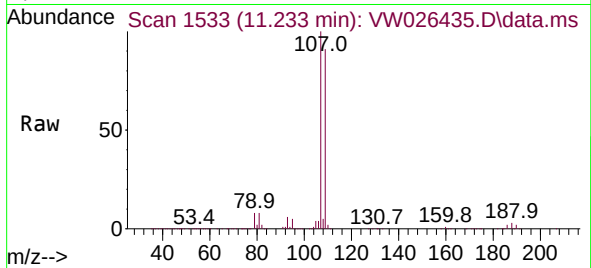




#50
1,2-Dibromoethane
Concen: 102.099 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.001 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

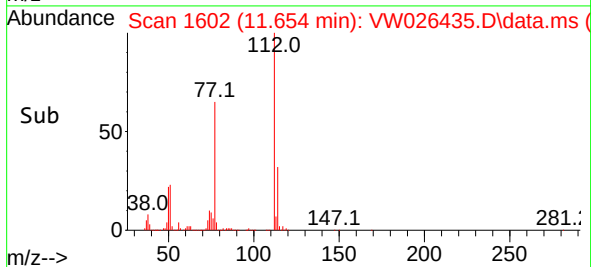
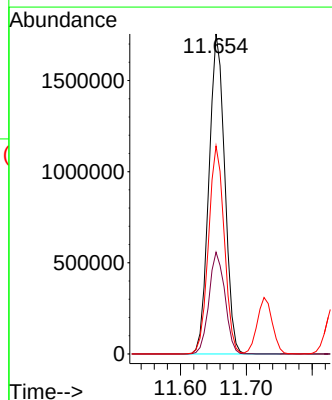
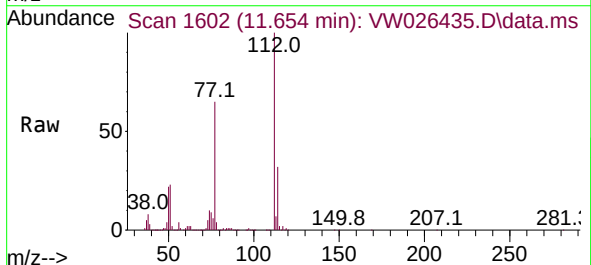
Instrument :
MSVOA_W
ClientSampleId :
VSTD100475

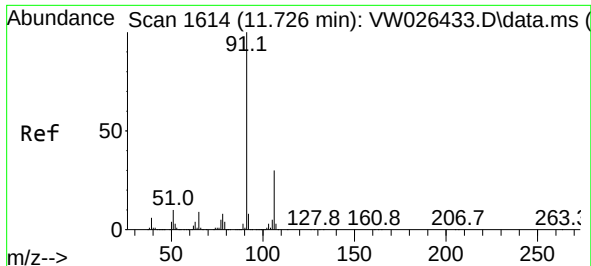
Tgt Ion:107 Resp: 807941
Ion Ratio Lower Upper
107 100
109 91.3 69.0 128.2
188 3.3 2.8 4.2



#51
Chlorobenzene
Concen: 97.487 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.001 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

Tgt Ion:112 Resp: 2936717
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.5
77 65.0 49.6 74.4

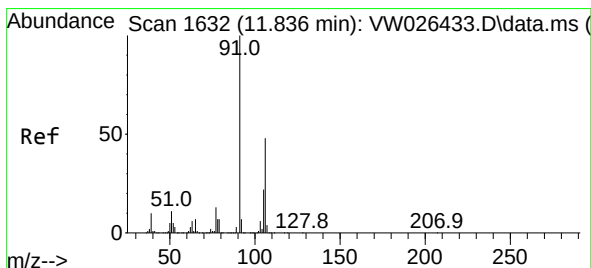
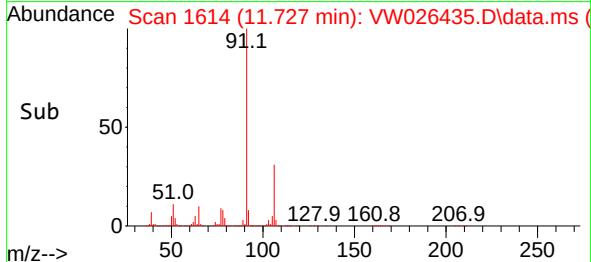
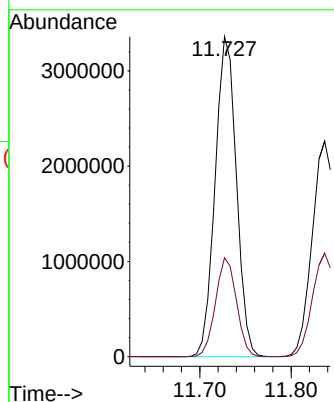
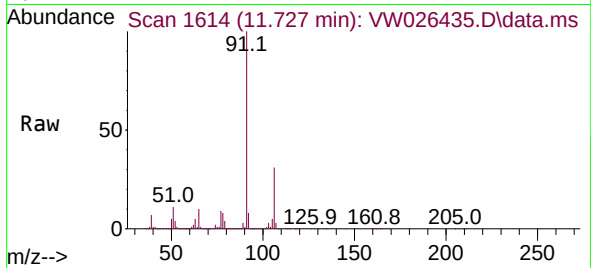




#52
Ethylbenzene
Concen: 99.118 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.001 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

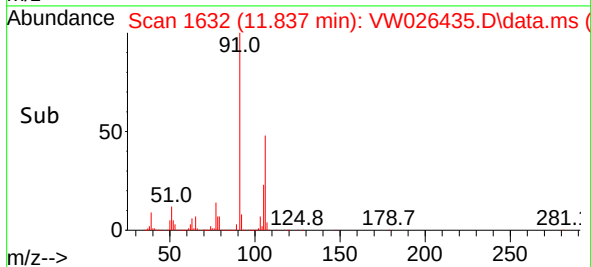
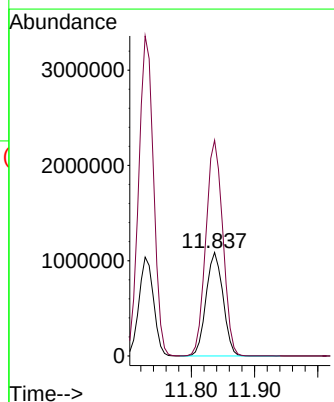
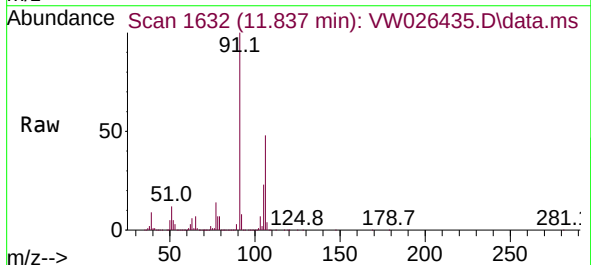
Instrument :
MSVOA_W
ClientSampleId :
VSTD100475

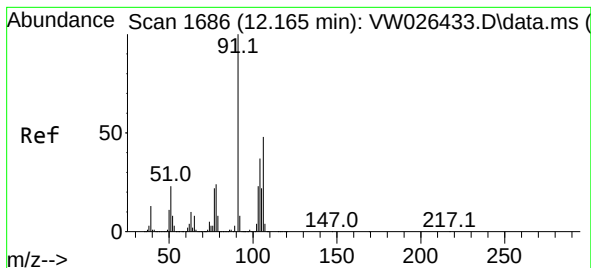
Tgt Ion: 91 Resp: 5430403
Ion Ratio Lower Upper
91 100
106 30.9 20.9 38.7



#53
m,p-Xylene
Concen: 99.417 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.001 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

Tgt Ion:106 Resp: 2019675
Ion Ratio Lower Upper
106 100
91 208.4 146.7 272.5





#54

o-Xylene

Concen: 103.722 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.001 min

Lab File: VW026435.D

Acq: 29 Jun 2023 13:55

Instrument :

MSVOA_W

ClientSampleId :

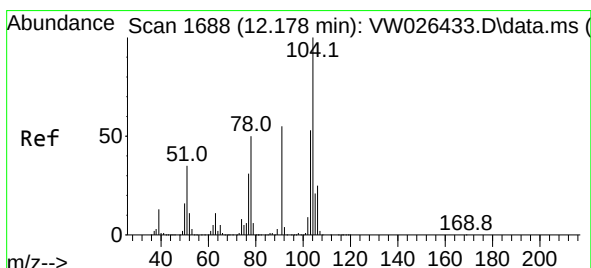
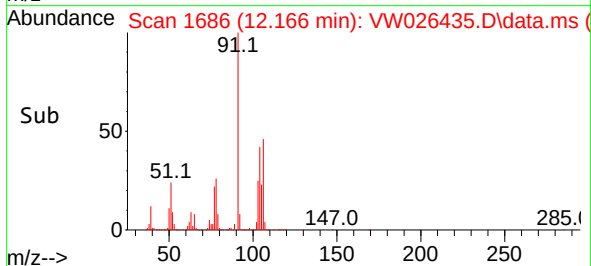
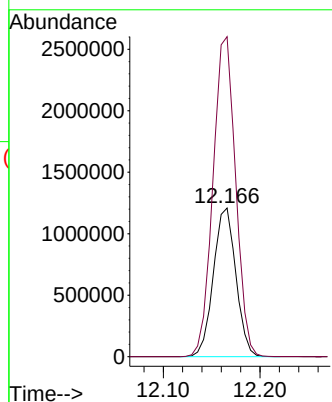
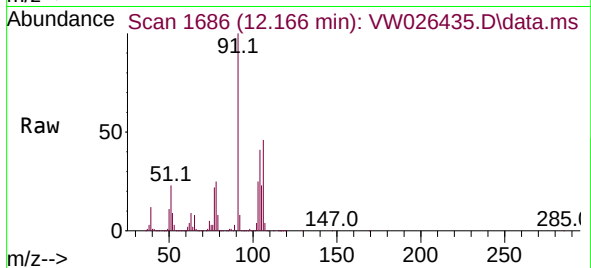
VSTD100475

Tgt Ion:106 Resp: 1954270

Ion Ratio Lower Upper

106 100

91 215.2 145.5 270.1



#55

Styrene

Concen: 103.848 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.001 min

Lab File: VW026435.D

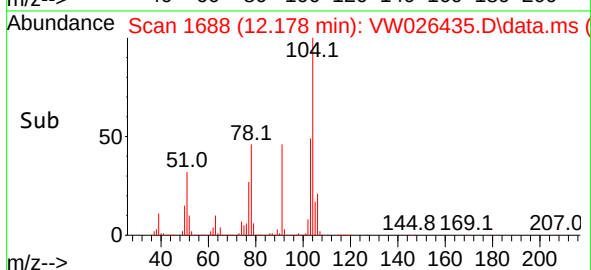
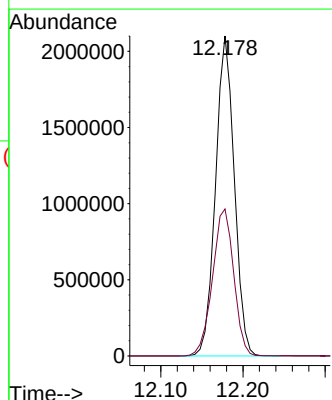
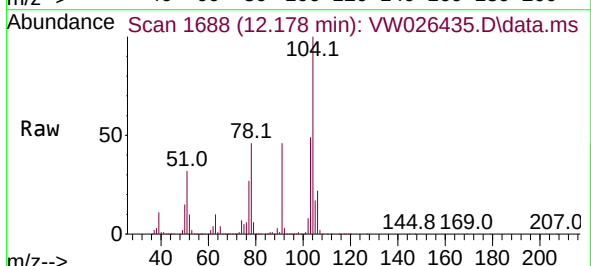
Acq: 29 Jun 2023 13:55

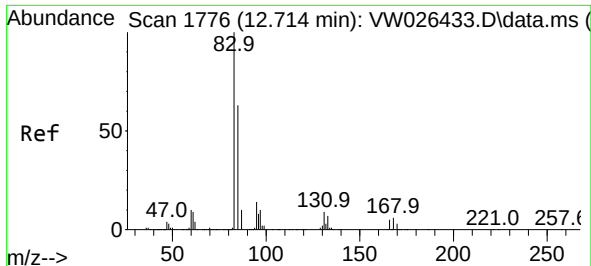
Tgt Ion:104 Resp: 3339903

Ion Ratio Lower Upper

104 100

78 45.9 34.8 64.6





#57

1,1,2,2-Tetrachloroethane

Concen: 98.561 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. 0.001 min

Lab File: VW026435.D

Acq: 29 Jun 2023 13:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD100475

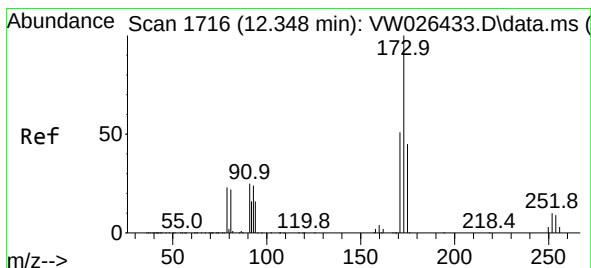
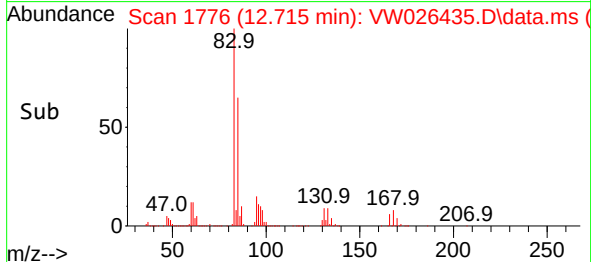
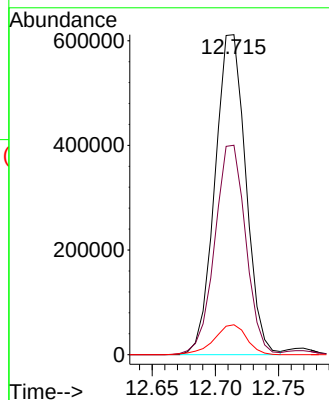
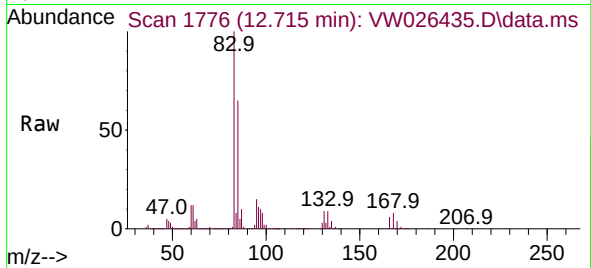
Tgt Ion: 83 Resp: 1035704

Ion Ratio Lower Upper

83 100

85 65.5 44.6 82.8

131 9.4 7.2 10.8



#59

Bromoform

Concen: 108.268 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.001 min

Lab File: VW026435.D

Acq: 29 Jun 2023 13:55

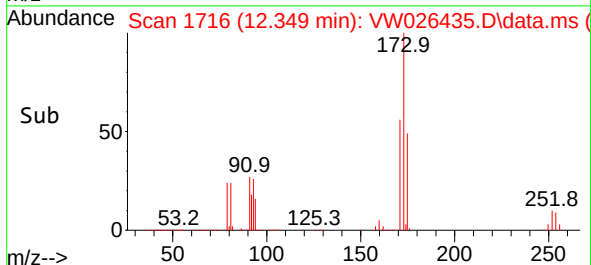
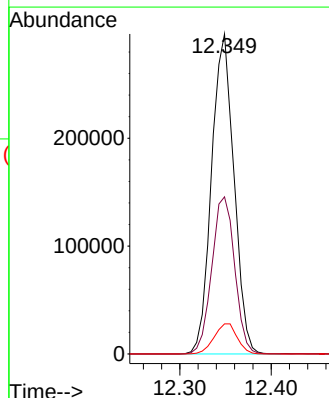
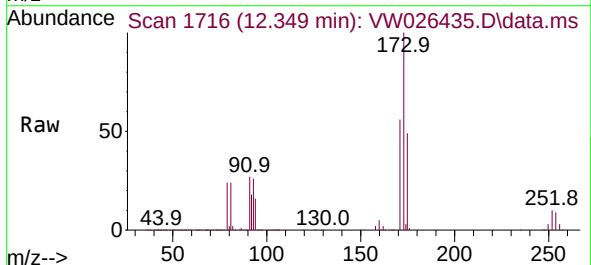
Tgt Ion: 173 Resp: 505480

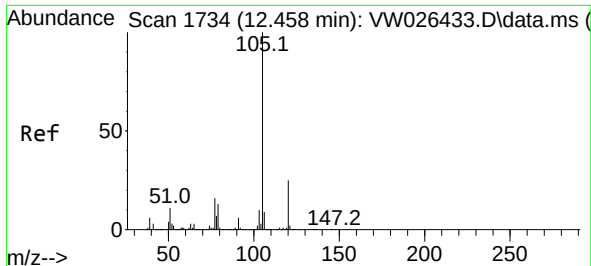
Ion Ratio Lower Upper

173 100

175 50.2 37.4 56.2

254 9.8 7.3 10.9

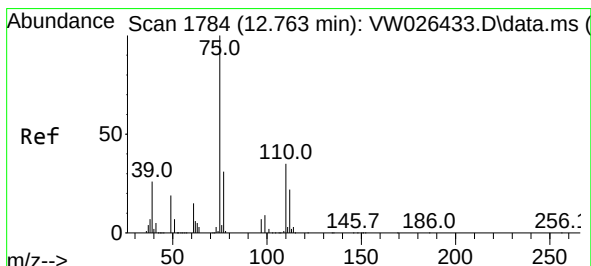
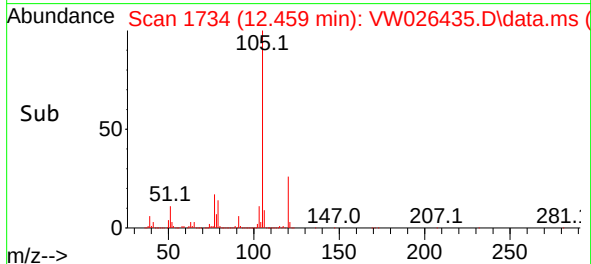
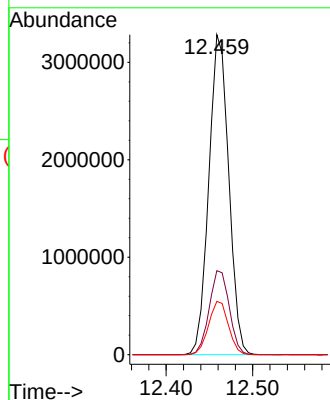
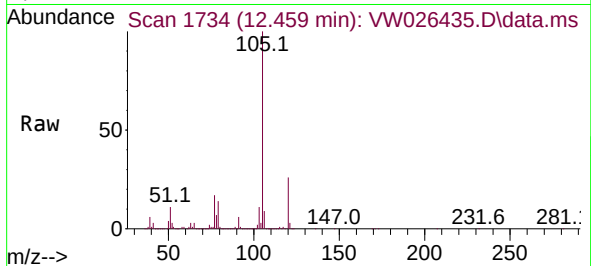




#60
Isopropylbenzene
Concen: 101.860 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.001 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

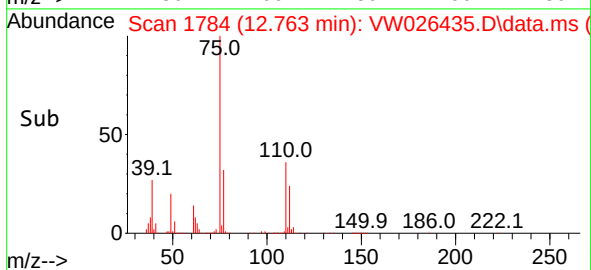
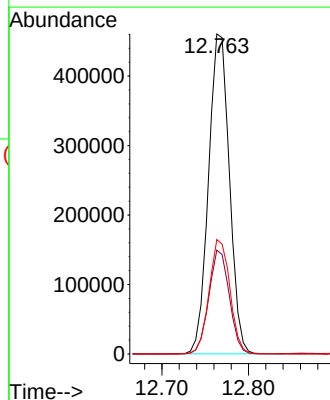
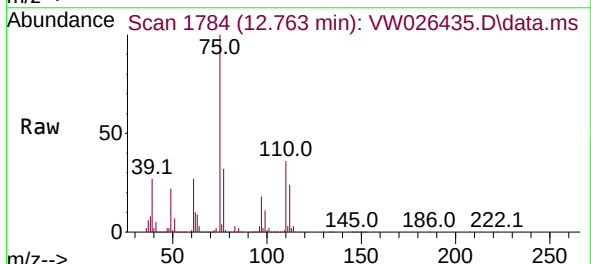
Instrument :
MSVOA_W
ClientSampleId :
VSTD100475

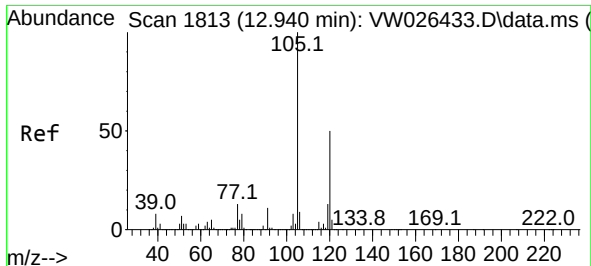
Tgt Ion:105 Resp: 5238533
Ion Ratio Lower Upper
105 100
120 26.5 20.5 30.7
77 16.6 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 100.073 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.001 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

Tgt Ion: 75 Resp: 771231
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8
110 35.6 28.2 42.4

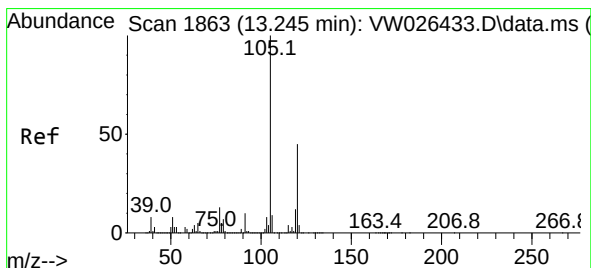
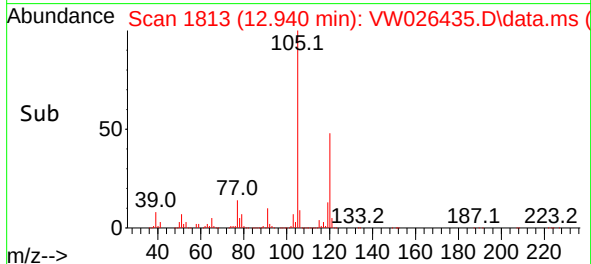
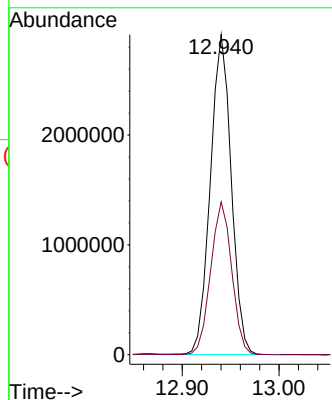
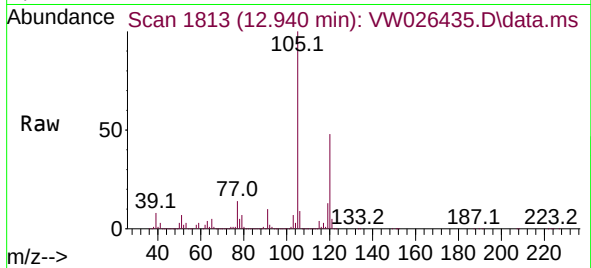




#62
1,3,5-Trimethylbenzene
Concen: 106.883 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.001 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

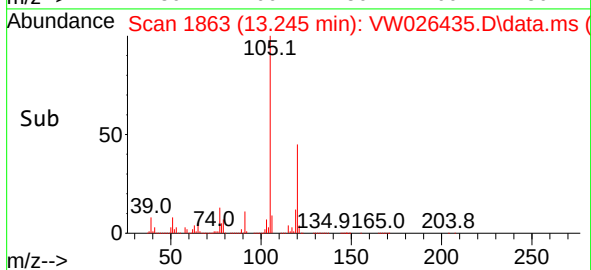
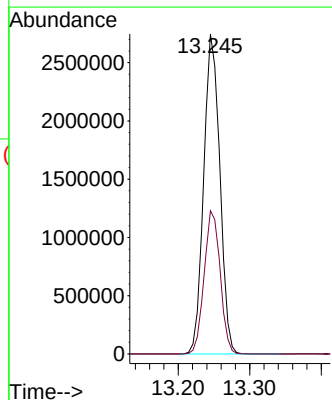
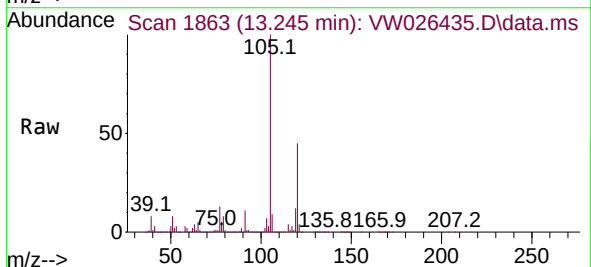
Instrument :
MSVOA_W
ClientSampleId :
VSTD100475

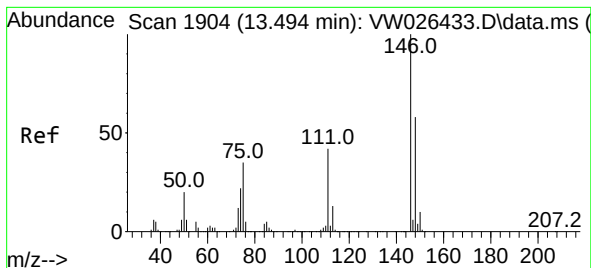
Tgt Ion:105 Resp: 4371095
Ion Ratio Lower Upper
105 100
120 48.1 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 107.635 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.001 min
Lab File: VW026435.D
Acq: 29 Jun 2023 13:55

Tgt Ion:105 Resp: 4300274
Ion Ratio Lower Upper
105 100
120 44.5 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 98.836 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.001 min

Lab File: VW026435.D

Acq: 29 Jun 2023 13:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD100475

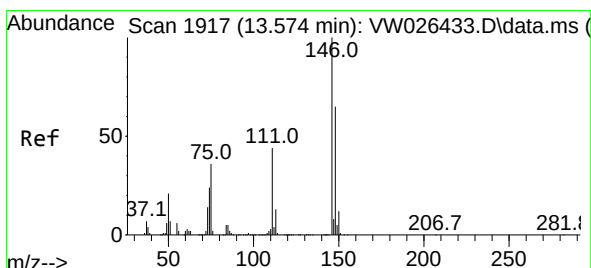
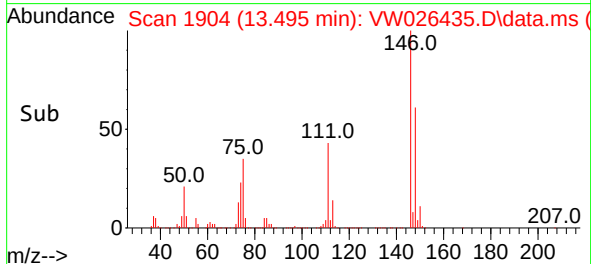
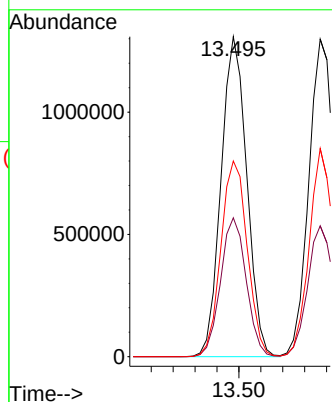
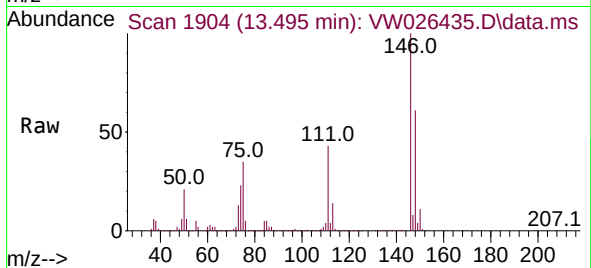
Tgt Ion:146 Resp: 2132673

Ion Ratio Lower Upper

146 100

111 43.4 29.5 54.9

148 61.2 40.8 75.8



#65

1,4-Dichlorobenzene

Concen: 98.427 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.001 min

Lab File: VW026435.D

Acq: 29 Jun 2023 13:55

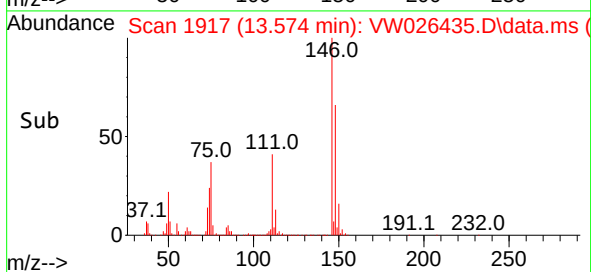
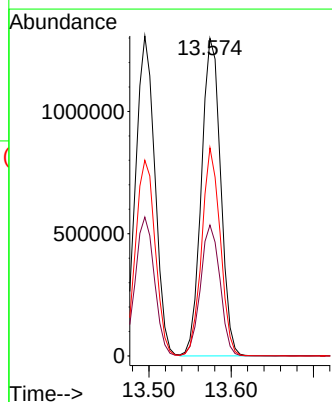
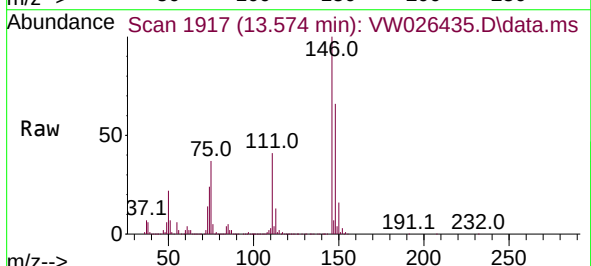
Tgt Ion:146 Resp: 2112286

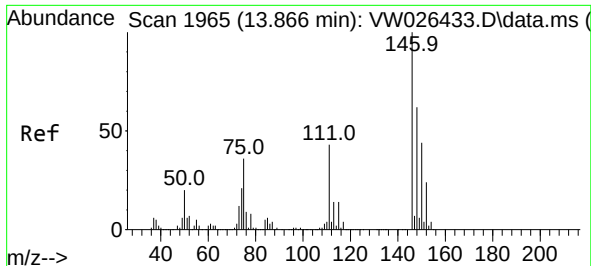
Ion Ratio Lower Upper

146 100

111 41.2 30.7 56.9

148 65.6 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 95.970 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.001 min

Lab File: VW026435.D

Acq: 29 Jun 2023 13:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD100475

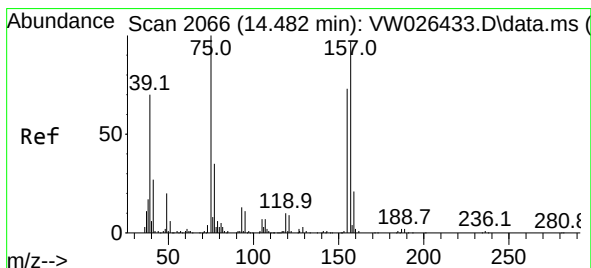
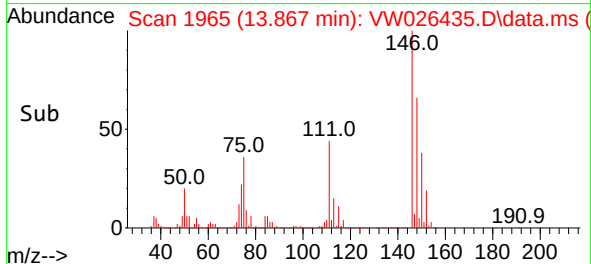
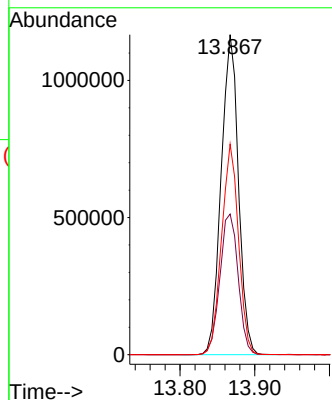
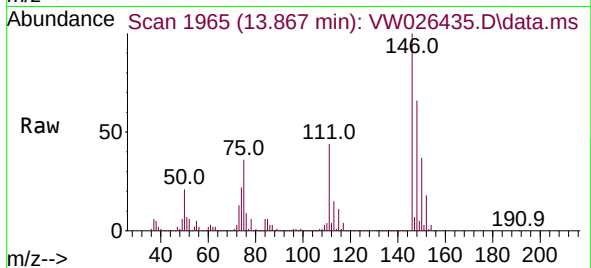
Tgt Ion:146 Resp: 1873964

Ion Ratio Lower Upper

146 100

111 43.9 34.7 52.1

148 65.8 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 101.343 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.001 min

Lab File: VW026435.D

Acq: 29 Jun 2023 13:55

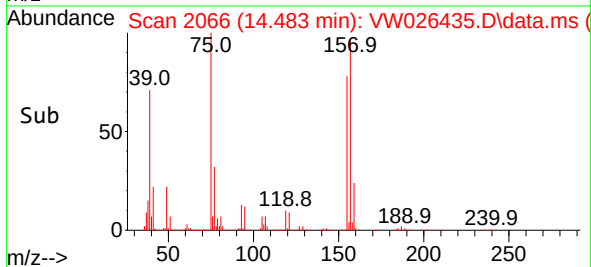
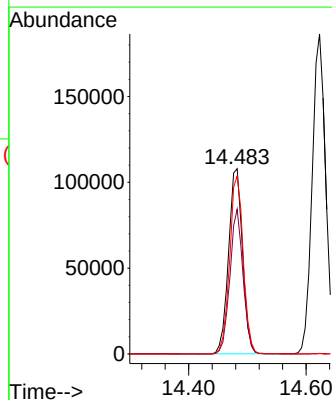
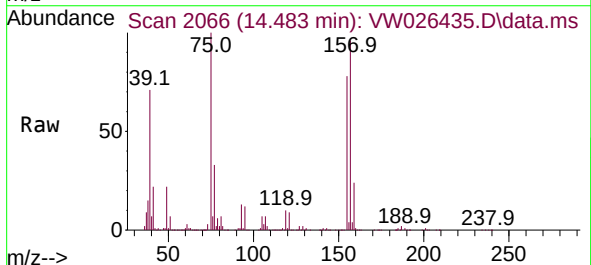
Tgt Ion: 75 Resp: 178172

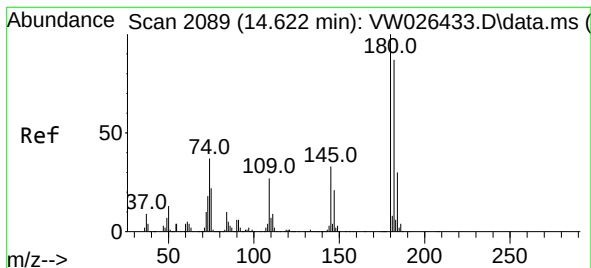
Ion Ratio Lower Upper

75 100

155 78.2 58.5 87.7

157 96.0 77.4 116.2





#69

1,3,5-Trichlorobenzene

Concen: 99.683 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.001 min

Lab File: VW026435.D

Acq: 29 Jun 2023 13:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD100475

Tgt Ion:180 Resp: 1464241

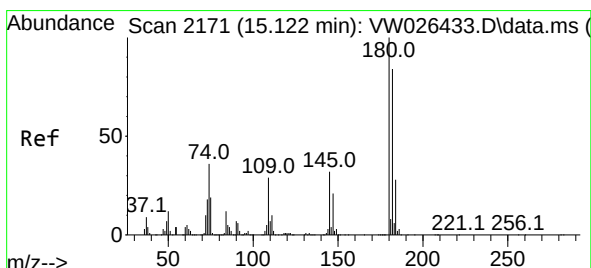
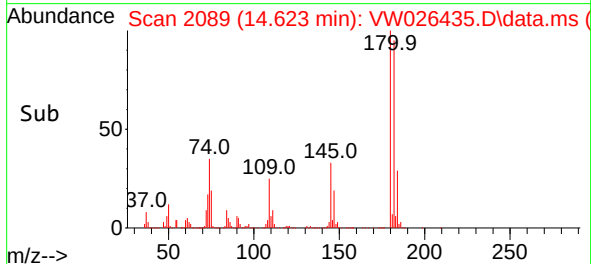
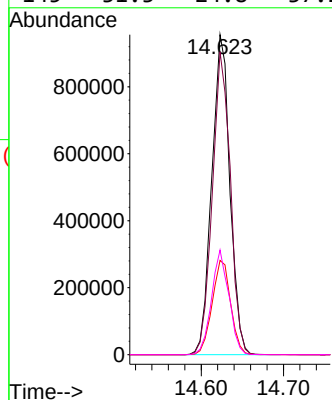
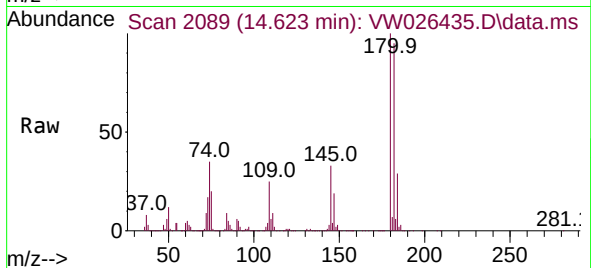
Ion Ratio Lower Upper

180 100

182 93.8 74.5 111.7

184 30.1 23.8 35.6

145 31.3 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 102.995 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.007 min

Lab File: VW026435.D

Acq: 29 Jun 2023 13:55

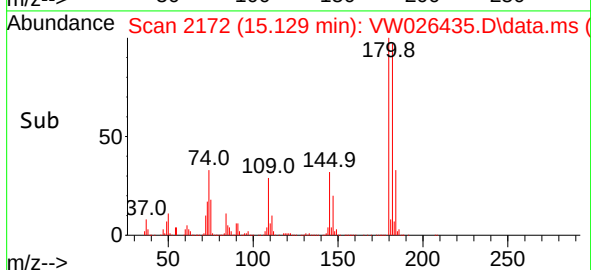
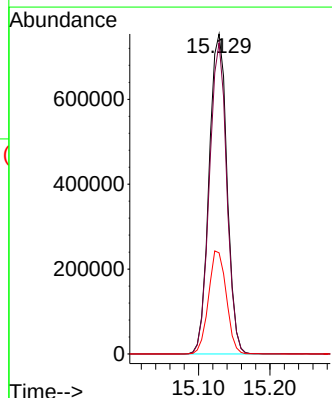
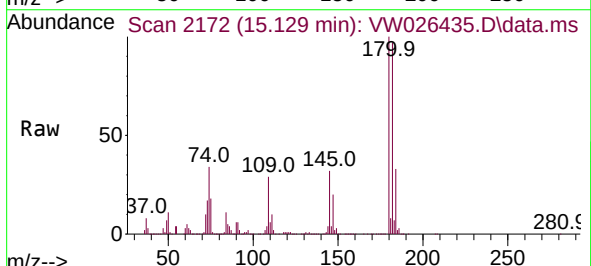
Tgt Ion:180 Resp: 1309402

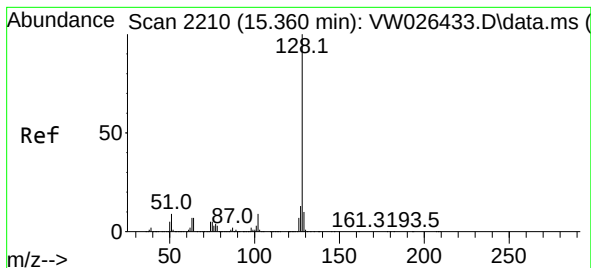
Ion Ratio Lower Upper

180 100

182 94.1 75.5 113.3

145 32.0 26.2 39.2





#71

Naphthalene

Concen: 109.260 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.001 min

Lab File: VW026435.D

Acq: 29 Jun 2023 13:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD100475

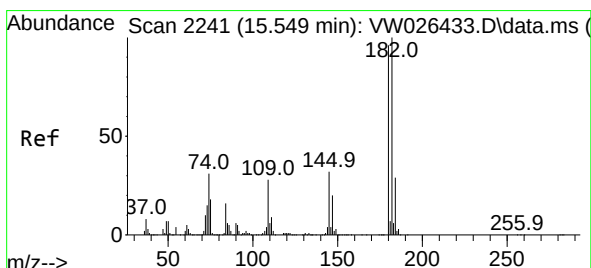
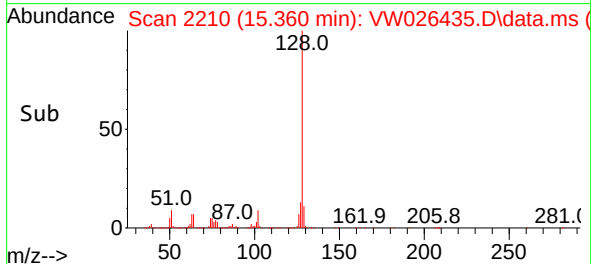
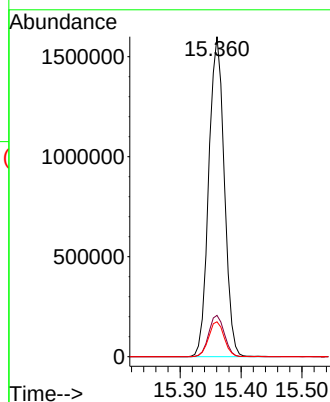
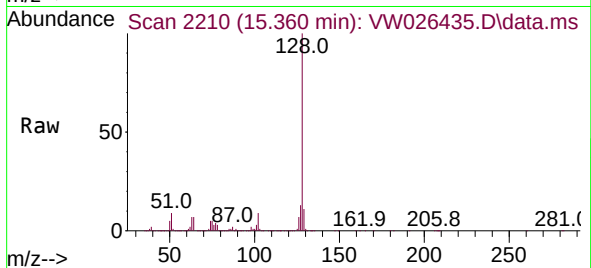
Tgt Ion:128 Resp: 2831406

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 8.3 12.5



#72

1,2,3-Trichlorobenzene

Concen: 97.636 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.001 min

Lab File: VW026435.D

Acq: 29 Jun 2023 13:55

Tgt Ion:180 Resp: 1067460

Ion Ratio Lower Upper

180 100

182 99.2 75.7 113.5

145 35.7 27.0 40.6

