

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071123\
 Data File : VW026585.D
 Acq On : 11 Jul 2023 09:24
 Operator : SY/MD
 Sample : VSTD02516
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025416

Quant Time: Jul 12 06:33:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 12 06:31:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	588472	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	507940	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	238789	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	245129	24.695	ug/L	0.00
7) Chloroethane-d5	2.899	69	173296	24.880	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	114065	24.469	ug/L	0.00
21) 2-Butanone-d5	7.075	46	179052	56.042	ug/L	0.00
24) Chloroform-d	7.648	84	428105	25.268	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	241096	25.486	ug/L	0.00
32) Benzene-d6	8.276	84	912995	26.184	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	277159	25.850	ug/L	0.00
41) Toluene-d8	10.325	98	797516	26.667	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	111803	26.014	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	123453	59.009	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	237991	26.212	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	239118	27.274	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	149896	21.902	ug/L	100
3) Chloromethane	2.222	50	208210	21.952	ug/L	100
5) Vinyl chloride	2.375	62	216996	21.709	ug/L	100
6) Bromomethane	2.789	94	117207	22.057	ug/L	100
8) Chloroethane	2.936	64	124944	22.354	ug/L	100
9) Trichlorofluoromethane	3.265	101	163572	22.093	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	177184	21.771	ug/L	100
12) 1,1-Dichloroethene	4.045	96	177495	22.515	ug/L	100
13) Acetone	4.118	43	121523	52.662	ug/L	100
14) Carbon disulfide	4.393	76	620123	22.440	ug/L	100
15) Methyl Acetate	4.673	43	131463	23.925	ug/L	100
16) Methylene chloride	4.917	84	195480	18.866	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	189383	22.468	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	299531	22.705	ug/L	100
19) 1,1-Dichloroethane	6.216	63	374696	22.234	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	195995	22.455	ug/L	100
22) 2-Butanone	7.167	43	181675	51.745	ug/L	100
23) Bromochloromethane	7.514	128	85099	22.761	ug/L	100
25) Chloroform	7.679	83	349985	22.666	ug/L	100
27) 1,2-Dichloroethane	8.398	62	250698	23.064	ug/L	100
29) Cyclohexane	7.959	56	376205	23.788	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	287418	23.087	ug/L	100
31) Carbon tetrachloride	8.069	117	258585	22.882	ug/L	100
33) Benzene	8.325	78	813271	23.237	ug/L	100
34) Trichloroethene	9.093	95	205194	22.824	ug/L	100
35) Methylcyclohexane	9.337	83	384404	23.813	ug/L	100
37) 1,2-Dichloropropane	9.367	63	212381	22.851	ug/L	100
38) Bromodichloromethane	9.648	83	244672	23.171	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	315188	23.555	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	351876	50.160	ug/L	100
42) Toluene	10.386	91	833173	23.573	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	265654	23.540	ug/L	100

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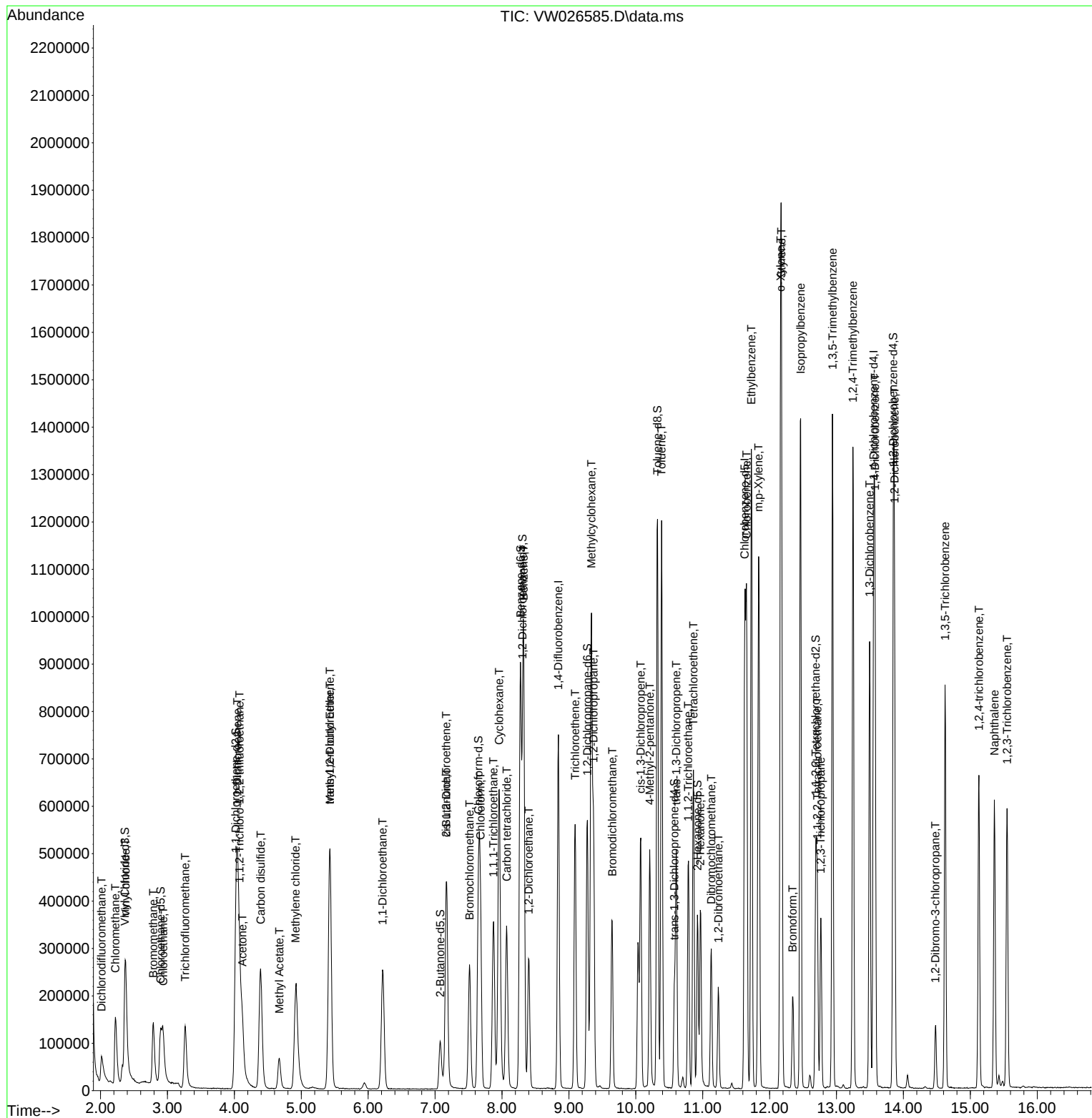
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	148145	22.837	ug/L	100
46) Tetrachloroethene	10.861	164	146069	22.887	ug/L	100
48) 2-Hexanone	10.965	43	257048	52.505	ug/L	100
49) Dibromochloromethane	11.129	129	152149	23.688	ug/L	100
50) 1,2-Dibromoethane	11.233	107	143604	23.485	ug/L	100
51) Chlorobenzene	11.654	112	498035	22.982	ug/L	100
52) Ethylbenzene	11.727	91	940667	23.906	ug/L	100
53) m,p-Xylene	11.836	106	340318	23.773	ug/L	100
54) o-Xylene	12.166	106	322683	24.015	ug/L	100
55) Styrene	12.178	104	554598	24.471	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	201210	23.635	ug/L	100
59) Bromoform	12.342	173	88674	23.479	ug/L	100
60) Isopropylbenzene	12.464	105	897664	24.297	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	156685	24.294	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	713988	25.196	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	705690	25.118	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	366830	23.662	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	364918	23.602	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	329197	23.993	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	36687	23.890	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	242726	23.659	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	200288	23.790	ug/L	100
71) Naphthalene	15.360	128	483447	25.357	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	187048	23.600	ug/L	100

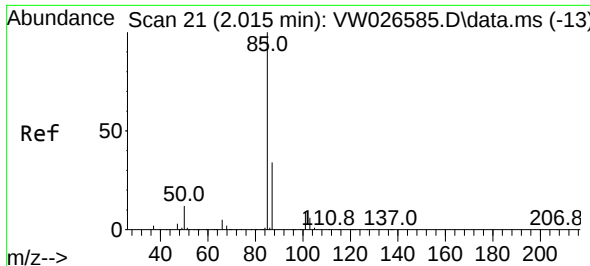
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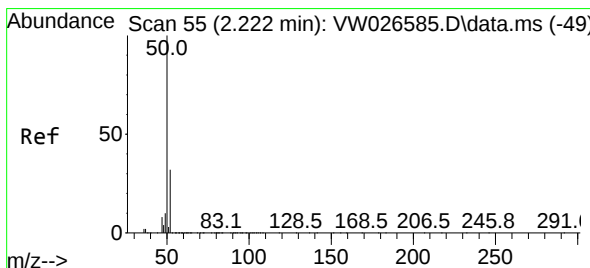
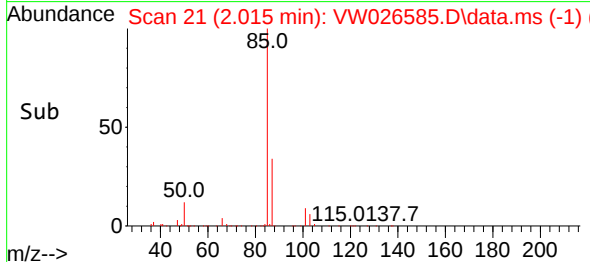
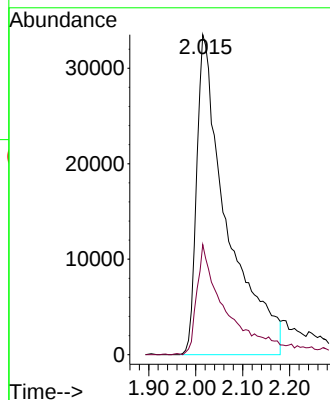
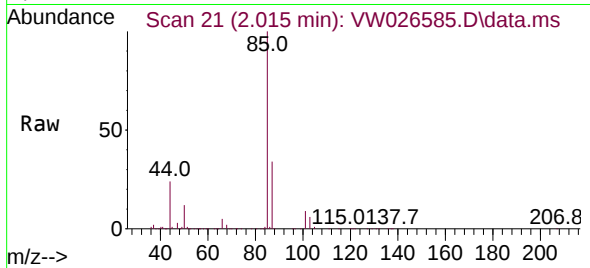




#2
Dichlorodifluoromethane
Concen: 21.902 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

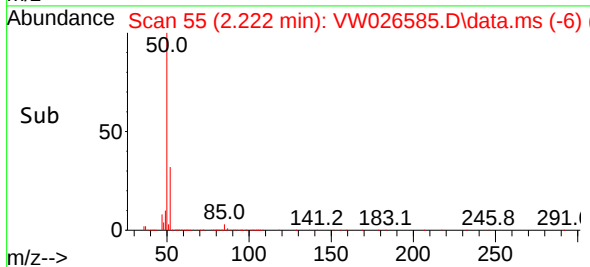
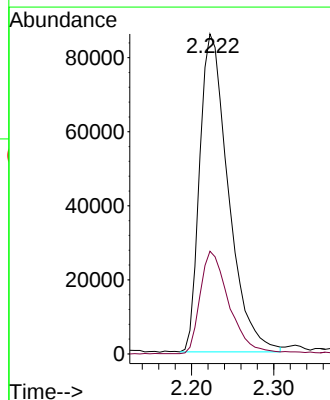
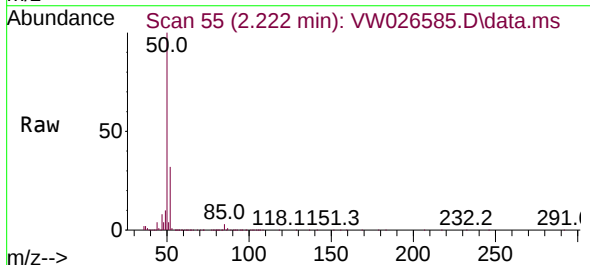
Instrument :
MSVOA_W
ClientSampleId :
VSTD025416

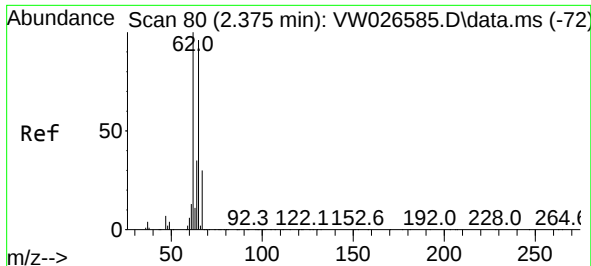
Tgt Ion: 85 Resp: 149896
Ion Ratio Lower Upper
85 100
87 26.7 21.4 32.0



#3
Chloromethane
Concen: 21.952 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

Tgt Ion: 50 Resp: 208210
Ion Ratio Lower Upper
50 100
52 32.1 22.5 41.7

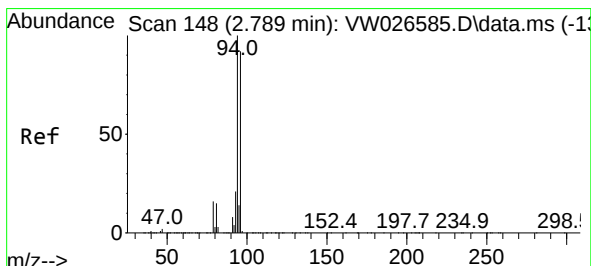
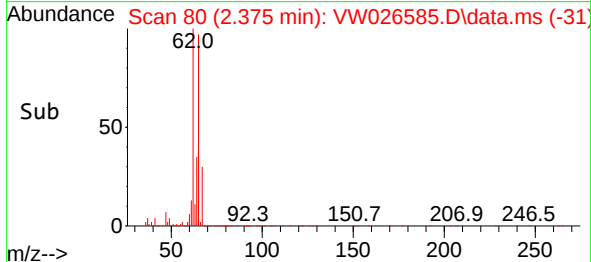
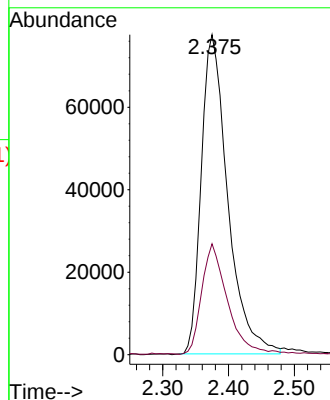
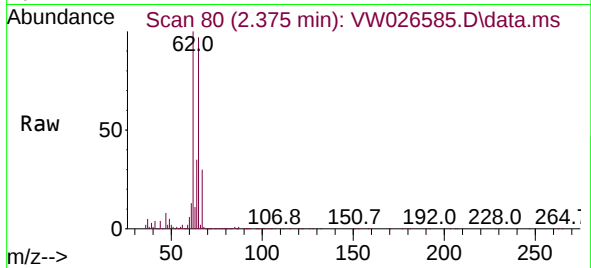




#5
 Vinyl chloride
 Concen: 21.709 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026585.D
 Acq: 11 Jul 2023 09:24

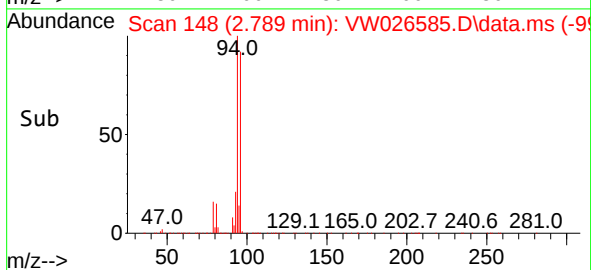
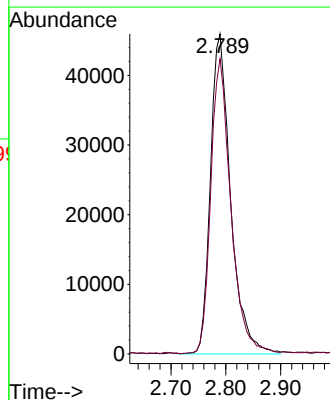
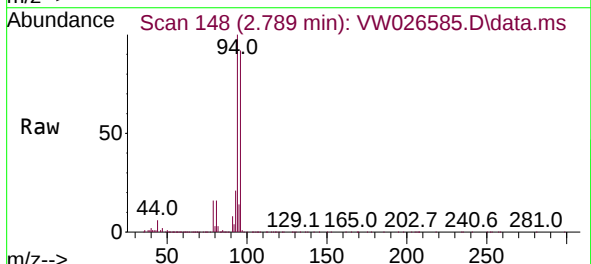
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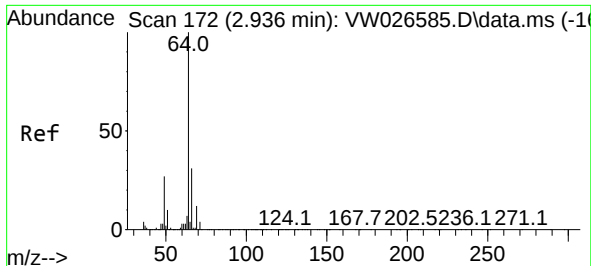
Tgt Ion: 62 Resp: 216996
 Ion Ratio Lower Upper
 62 100
 64 34.6 24.2 45.0



#6
 Bromomethane
 Concen: 22.057 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW026585.D
 Acq: 11 Jul 2023 09:24

Tgt Ion: 94 Resp: 117207
 Ion Ratio Lower Upper
 94 100
 96 92.2 64.5 119.9

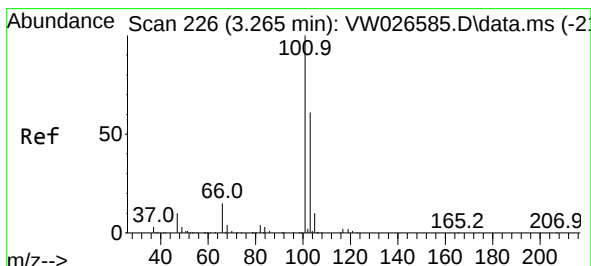
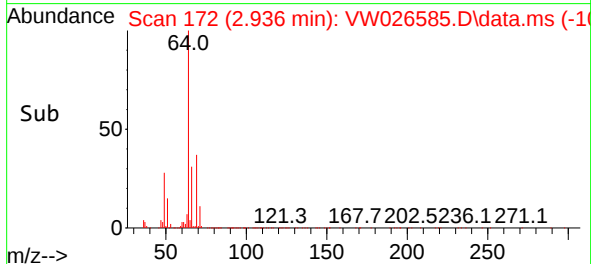
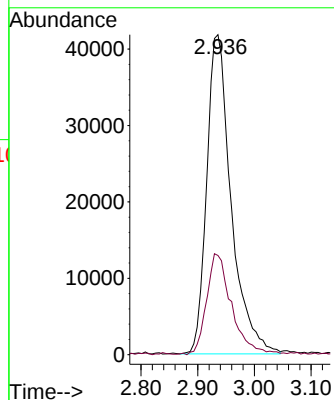
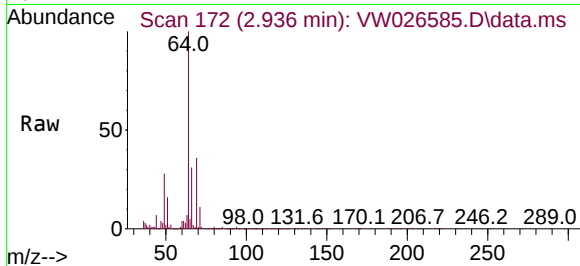




#8
Chloroethane
Concen: 22.354 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

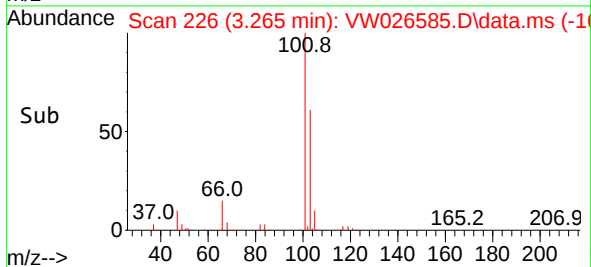
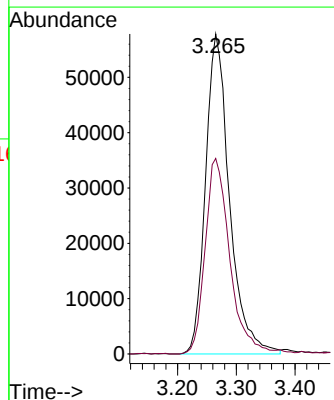
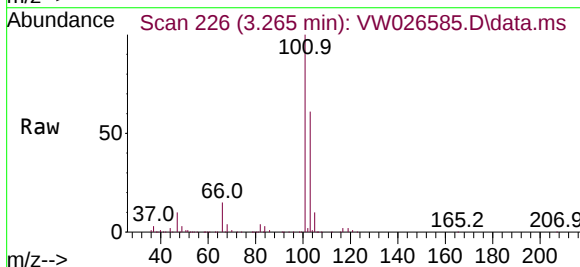
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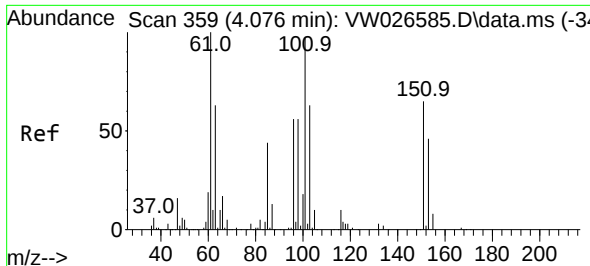
Tgt Ion: 64 Resp: 124944
Ion Ratio Lower Upper
64 100
66 31.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.093 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

Tgt Ion: 101 Resp: 163572
Ion Ratio Lower Upper
101 100
103 62.9 50.3 75.5

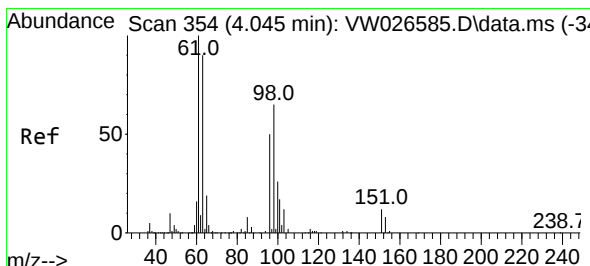
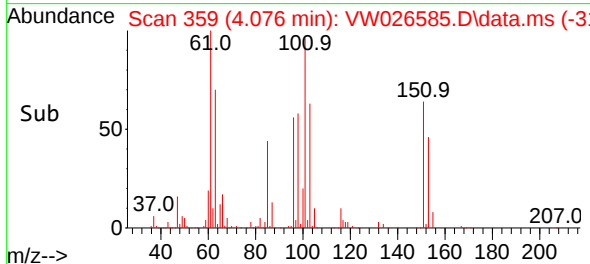
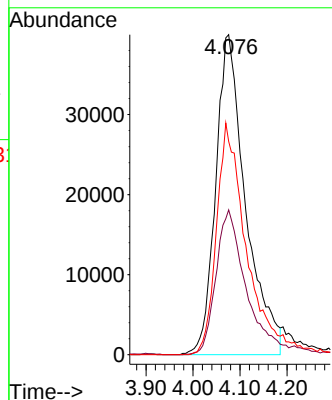
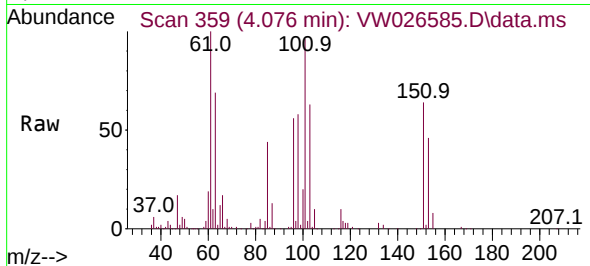




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.771 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW026585.D
 Acq: 11 Jul 2023 09:24

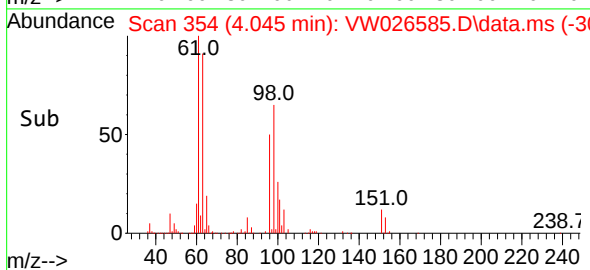
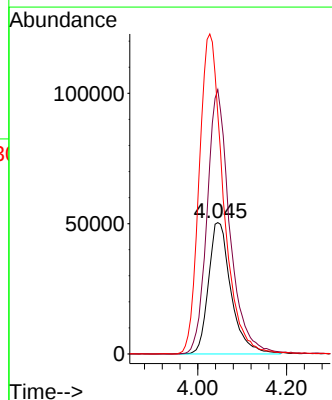
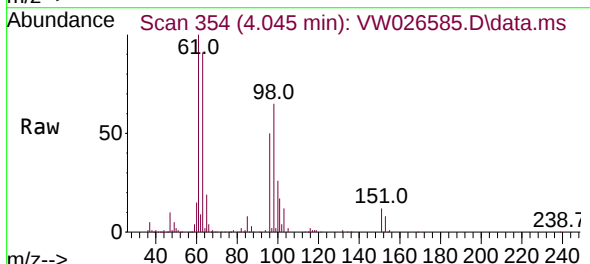
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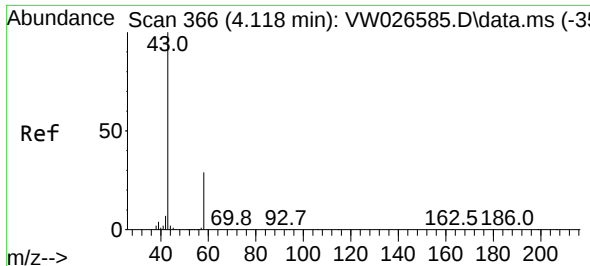
Tgt Ion:101 Resp: 177184
 Ion Ratio Lower Upper
 101 100
 85 45.1 36.1 54.1
 151 69.9 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 22.515 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW026585.D
 Acq: 11 Jul 2023 09:24

Tgt Ion: 96 Resp: 177495
 Ion Ratio Lower Upper
 96 100
 61 201.1 140.8 261.4
 63 182.5 127.7 237.3

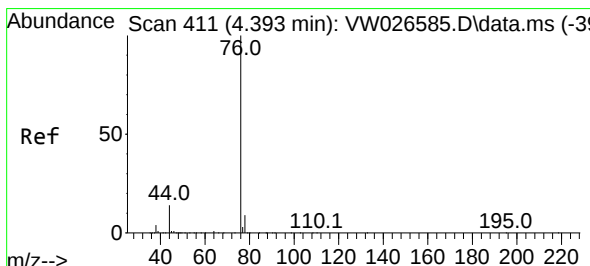
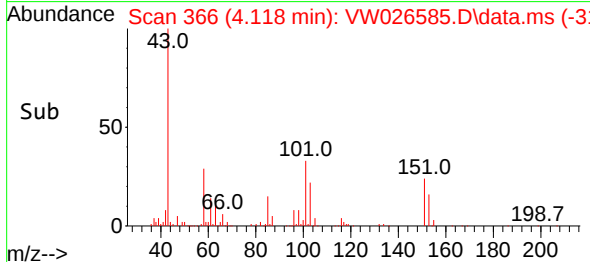
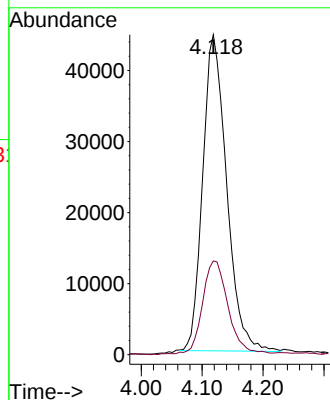
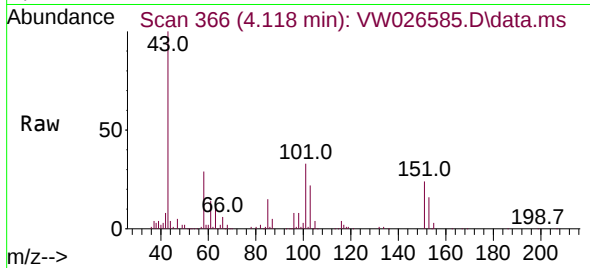




#13
Acetone
Concen: 52.662 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

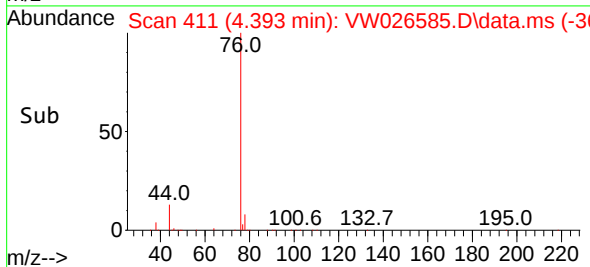
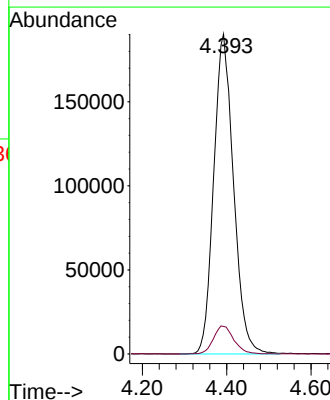
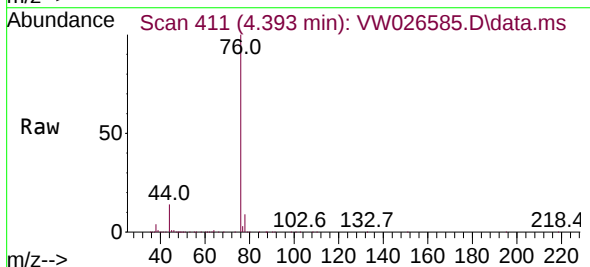
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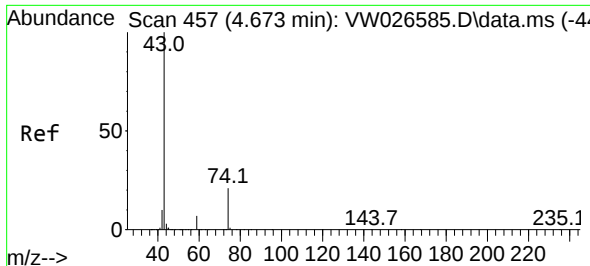
Tgt Ion: 43 Resp: 121523
Ion Ratio Lower Upper
43 100
58 31.6 0.0 63.2



#14
Carbon disulfide
Concen: 22.440 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

Tgt Ion: 76 Resp: 620123
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3

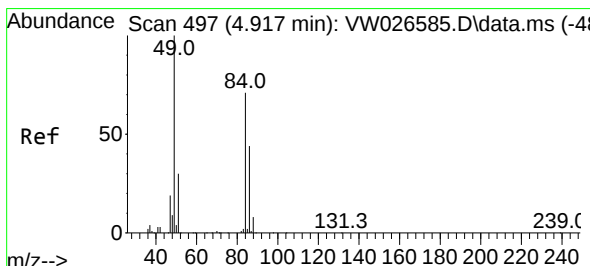
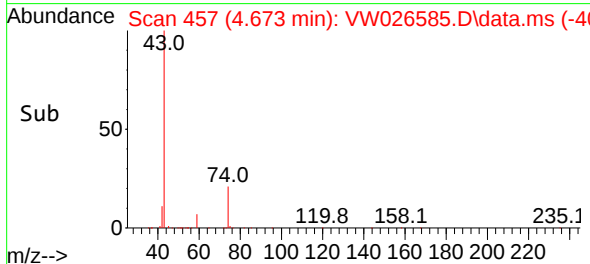
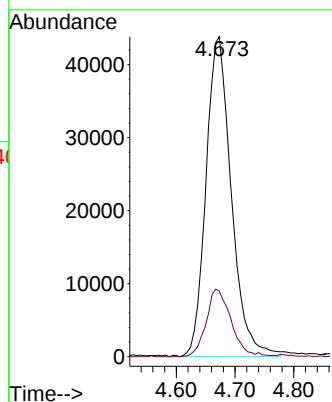
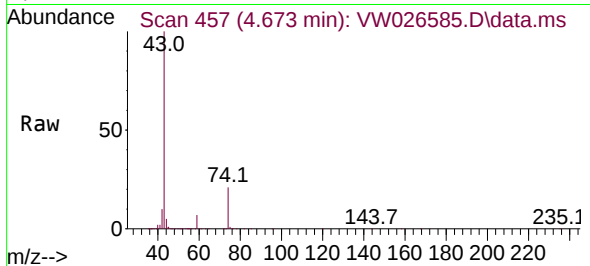




#15
Methyl Acetate
Concen: 23.925 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

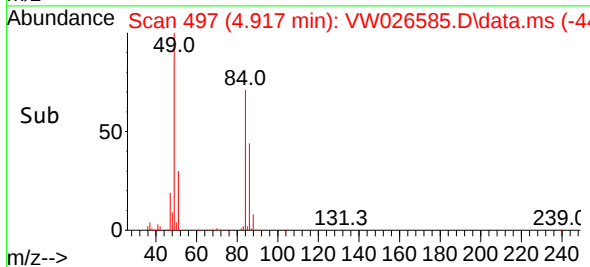
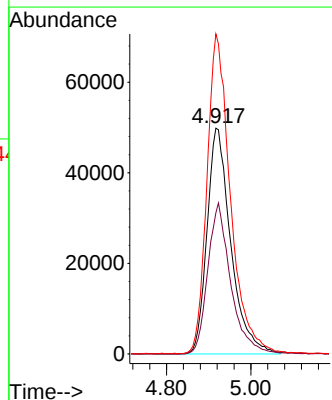
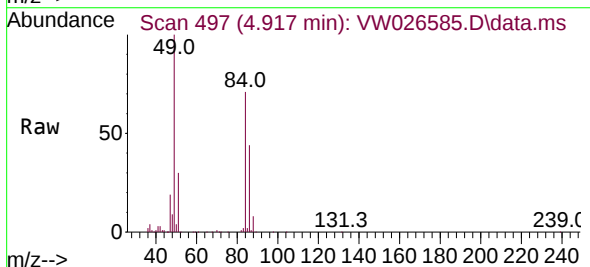
Instrument :
MSVOA_W
ClientSampleId :
VSTD025416

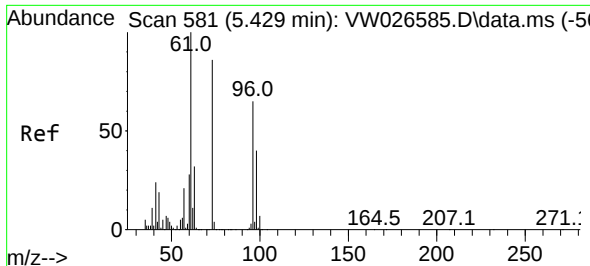
Tgt Ion: 43 Resp: 131463
Ion Ratio Lower Upper
43 100
74 20.4 16.3 24.5



#16
Methylene chloride
Concen: 18.866 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

Tgt Ion: 84 Resp: 195480
Ion Ratio Lower Upper
84 100
86 62.5 43.8 81.3
49 141.7 99.2 184.2



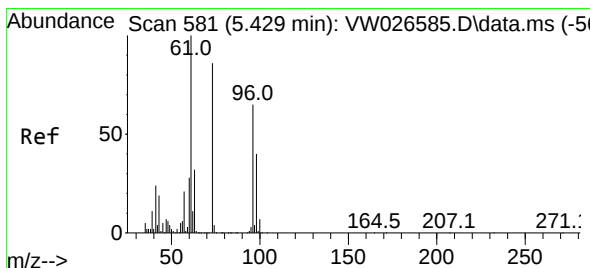
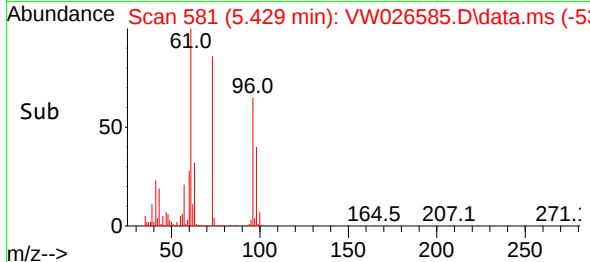
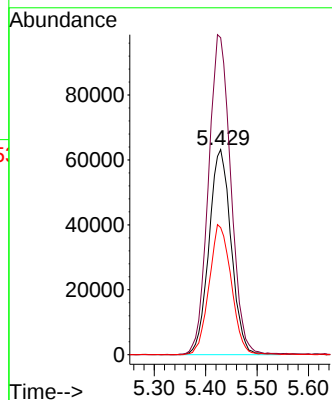
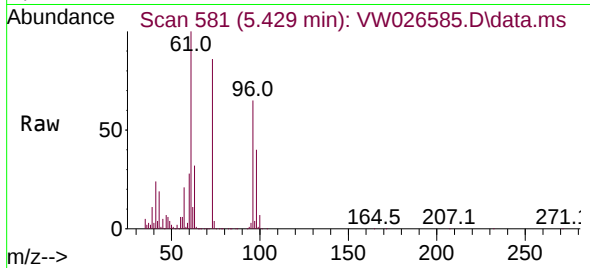


#17
trans-1,2-Dichloroethene
Concen: 22.468 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD025416

Tgt Ion: 96 Resp: 189383

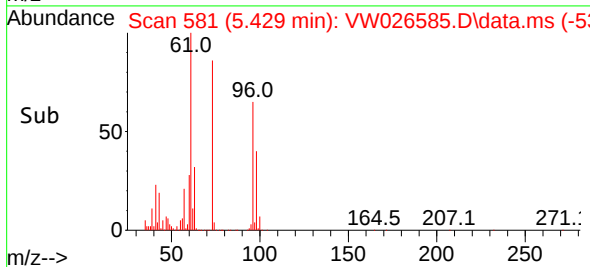
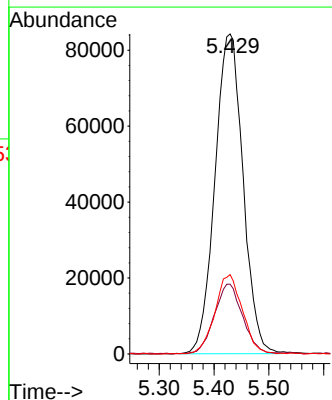
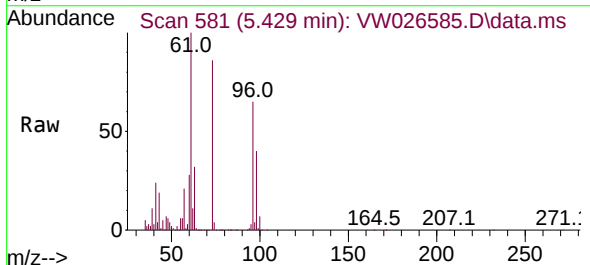
Ion	Ratio	Lower	Upper
96	100		
61	154.5	108.1	200.9
98	62.0	43.4	80.6

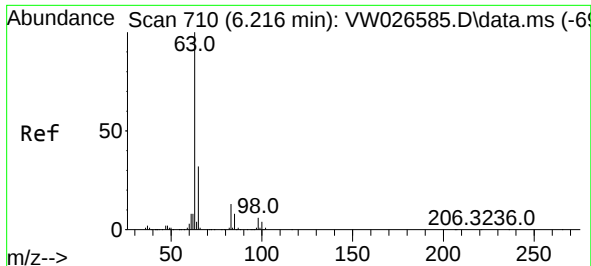


#18
Methyl tert-butyl Ether
Concen: 22.705 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

Tgt Ion: 73 Resp: 299531

Ion	Ratio	Lower	Upper
73	100		
43	21.8	17.4	26.2
57	24.1	19.3	28.9





#19

1,1-Dichloroethane

Concen: 22.234 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026585.D

Acq: 11 Jul 2023 09:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD025416

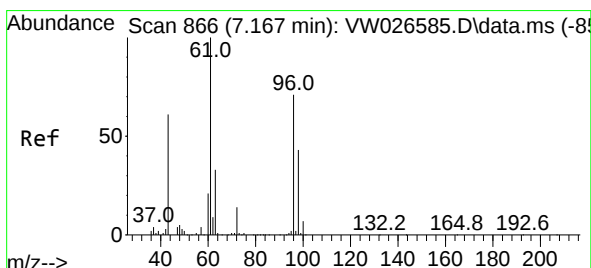
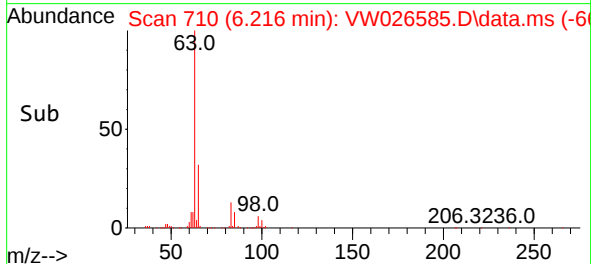
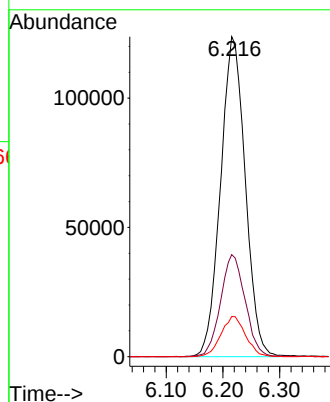
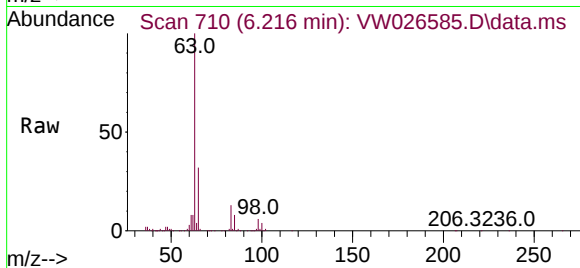
Tgt Ion: 63 Resp: 374696

Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.5

83 12.6 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 22.455 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW026585.D

Acq: 11 Jul 2023 09:24

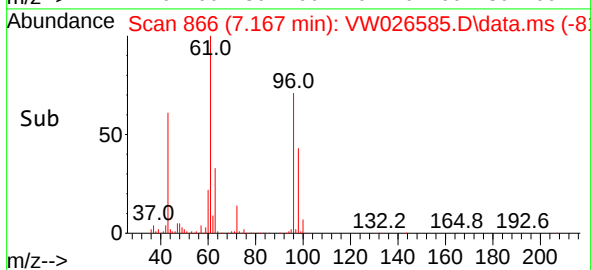
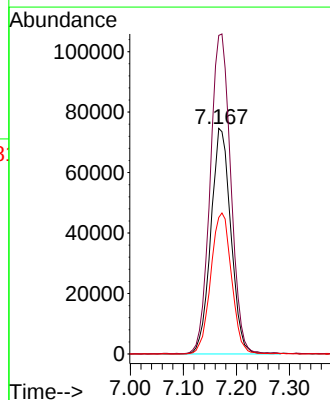
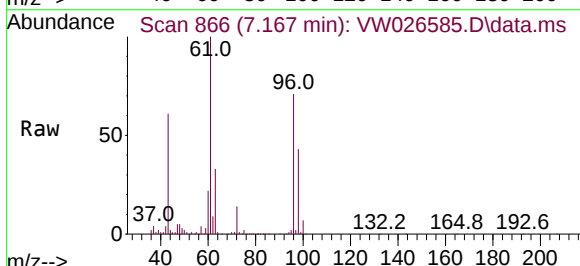
Tgt Ion: 96 Resp: 195995

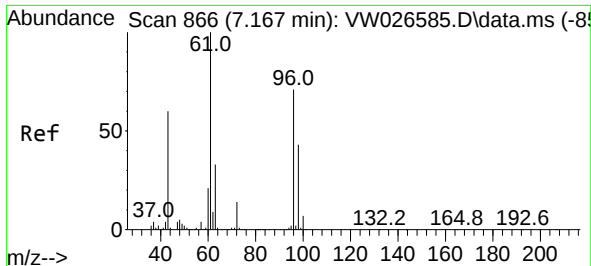
Ion Ratio Lower Upper

96 100

61 141.2 98.8 183.6

98 60.5 42.4 78.6

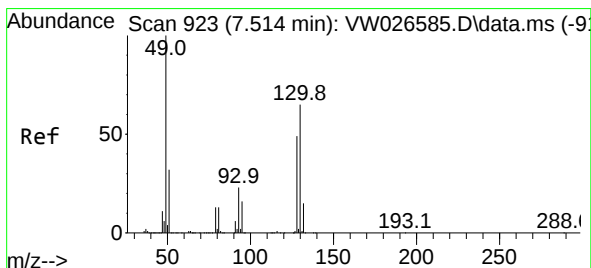
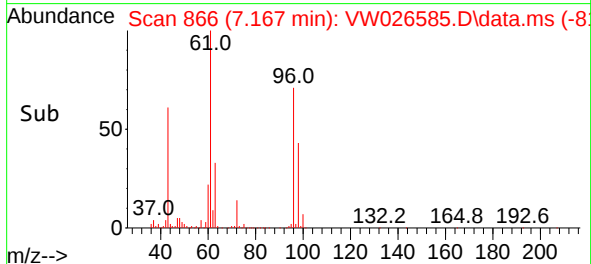
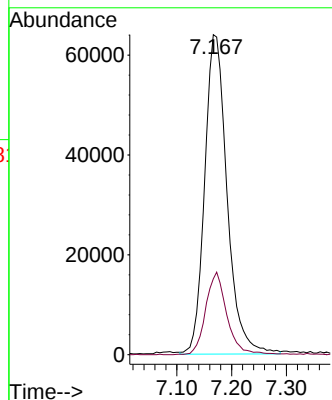
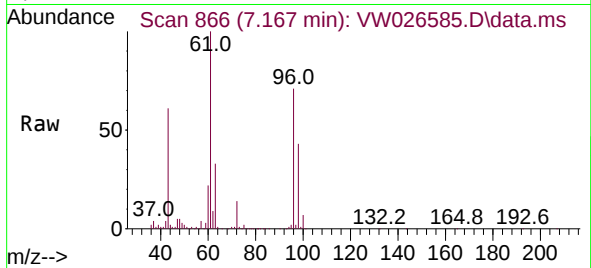




#22
2-Butanone
Concen: 51.745 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

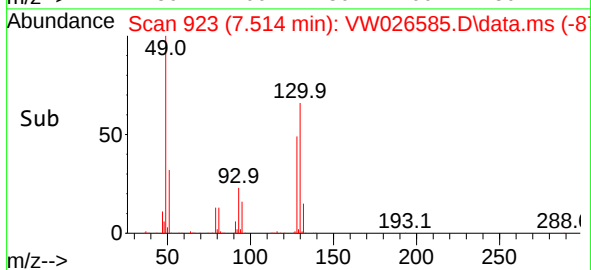
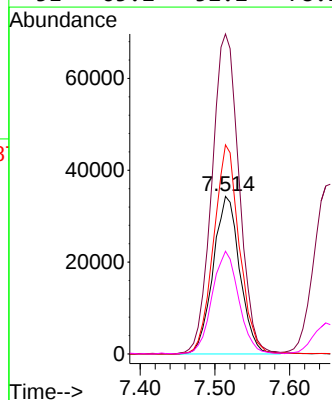
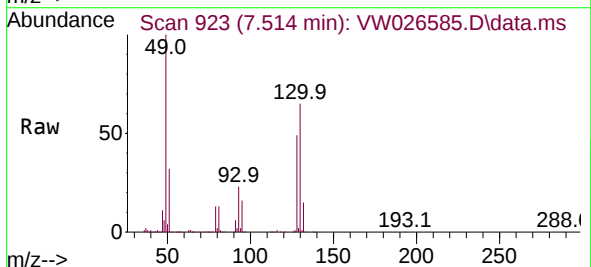
Instrument :
MSVOA_W
ClientSampleId :
VSTD025416

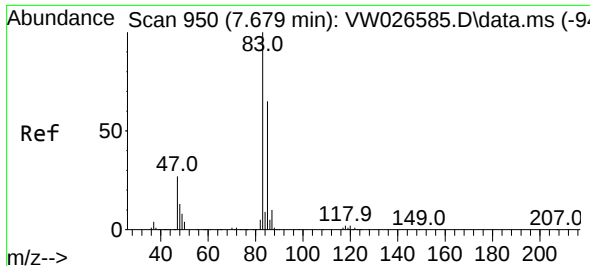
Tgt Ion: 43 Resp: 181675
Ion Ratio Lower Upper
43 100
72 23.7 11.9 35.5



#23
Bromochloromethane
Concen: 22.761 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

Tgt Ion: 128 Resp: 85099
Ion Ratio Lower Upper
128 100
49 203.0 142.1 263.9
130 132.7 92.9 172.5
51 65.2 52.2 78.2

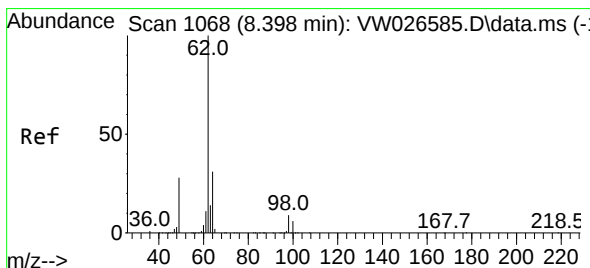
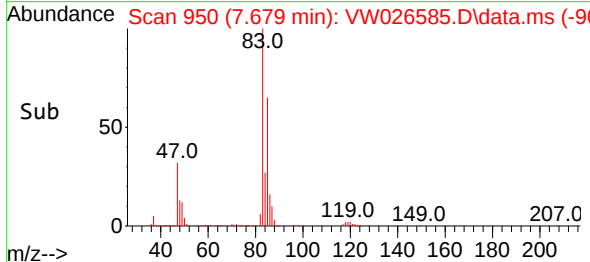
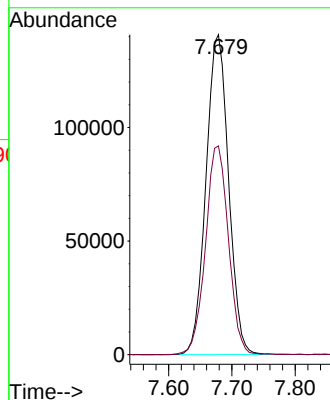
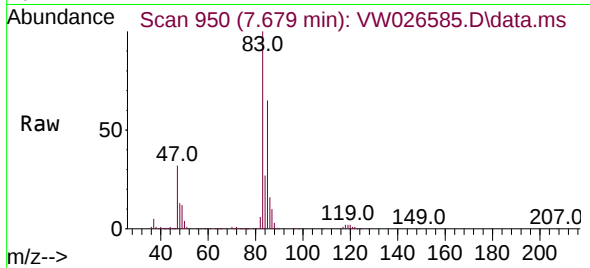




#25
Chloroform
Concen: 22.666 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

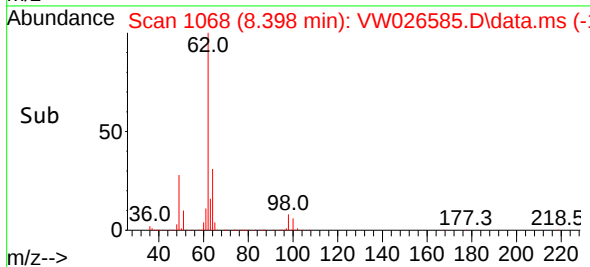
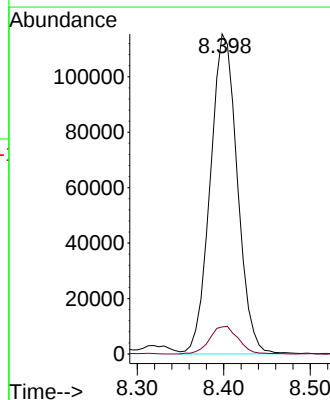
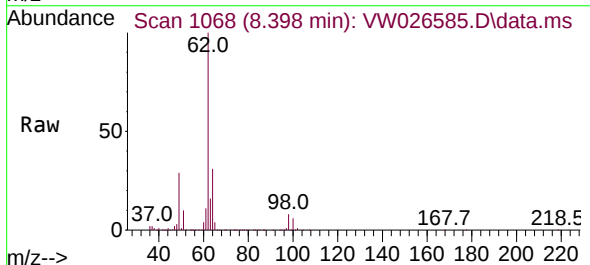
Instrument :
MSVOA_W
ClientSampleId :
VSTD025416

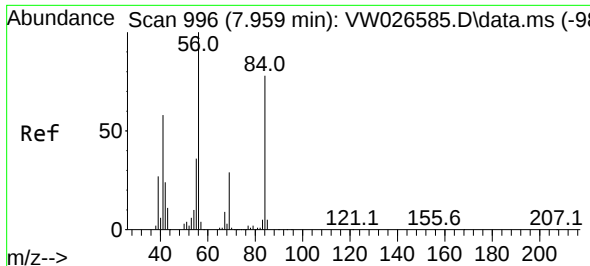
Tgt Ion: 83 Resp: 349985
Ion Ratio Lower Upper
83 100
85 65.3 45.7 84.9



#27
1,2-Dichloroethane
Concen: 23.064 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

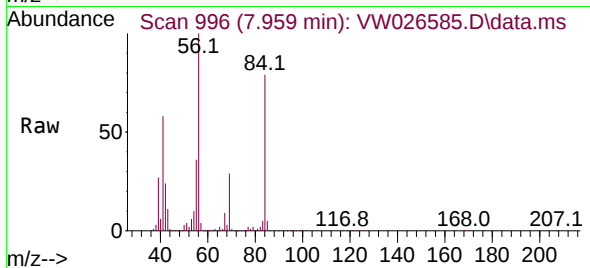
Tgt Ion: 62 Resp: 250698
Ion Ratio Lower Upper
62 100
98 8.4 6.7 10.1



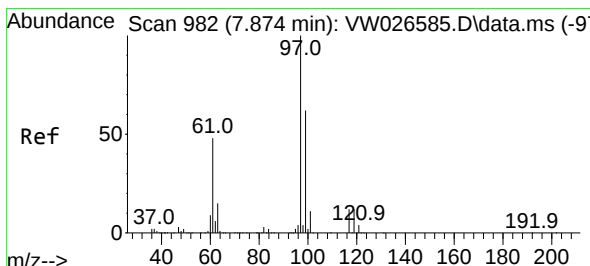
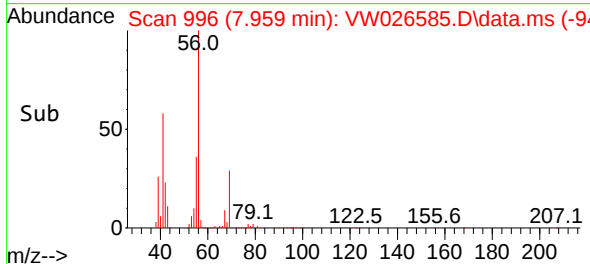
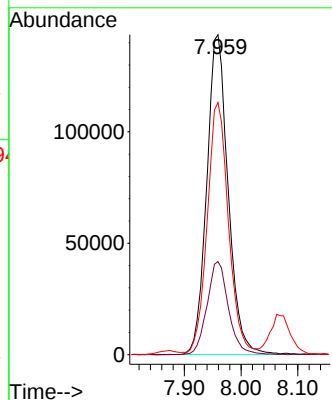


#29
Cyclohexane
Concen: 23.788 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD025416

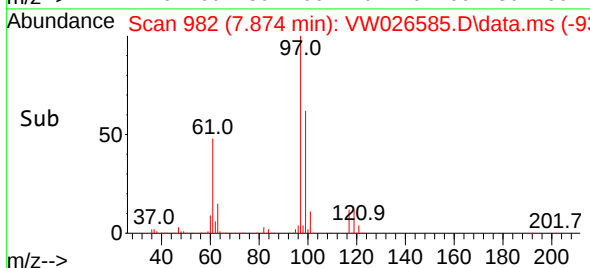
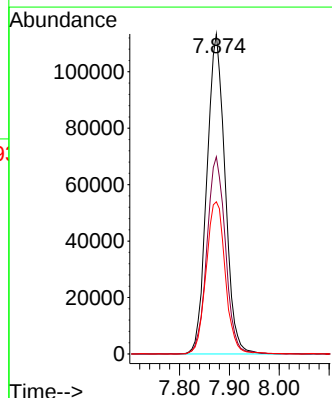
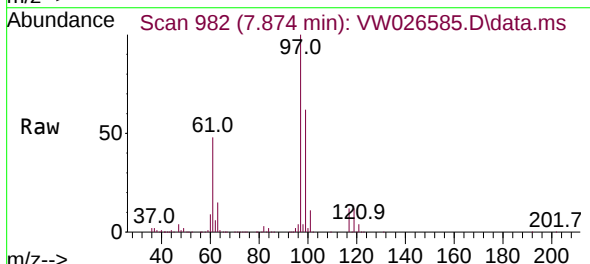


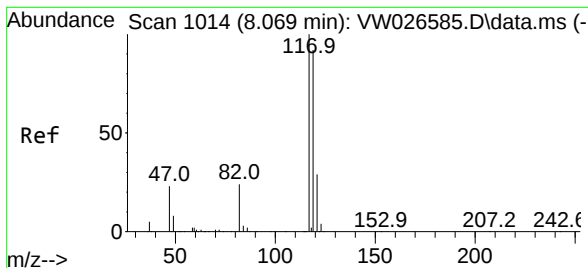
Tgt Ion: 56 Resp: 376205
Ion Ratio Lower Upper
56 100
69 29.2 23.4 35.0
84 78.3 62.6 94.0



#30
1,1,1-Trichloroethane
Concen: 23.087 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

Tgt Ion: 97 Resp: 287418
Ion Ratio Lower Upper
97 100
99 62.4 49.9 74.9
61 49.8 39.8 59.8

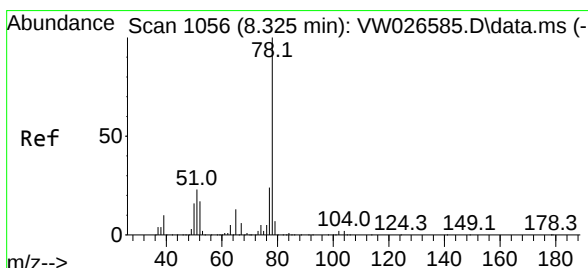
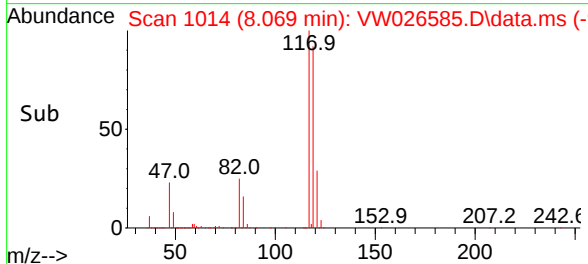
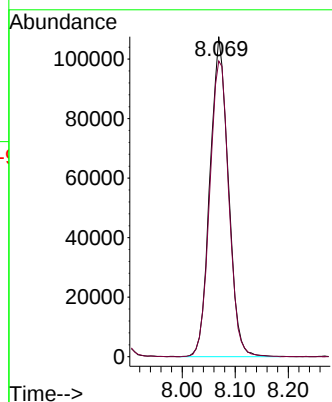
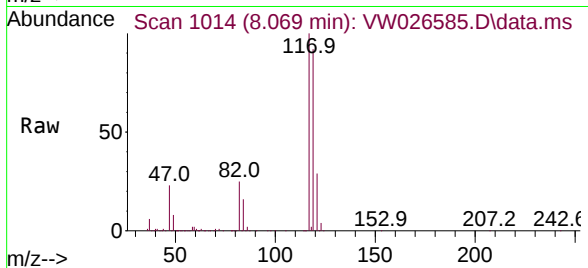




#31
Carbon tetrachloride
Concen: 22.882 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

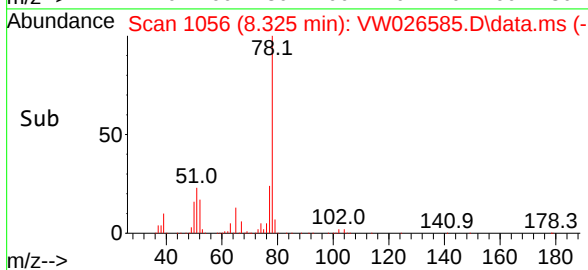
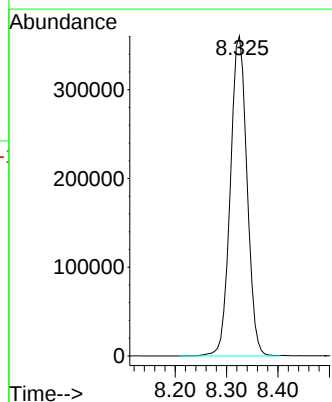
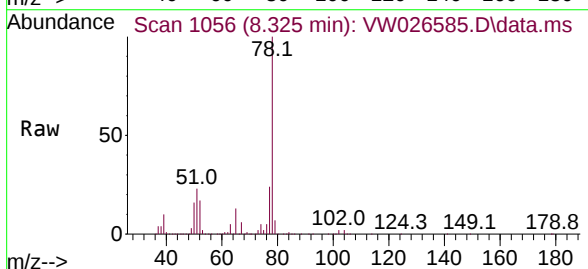
Instrument :
MSVOA_W
ClientSampleId :
VSTD025416

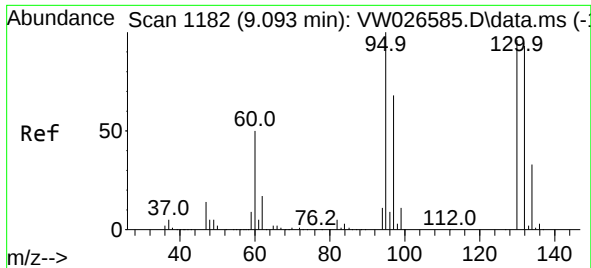
Tgt Ion:117 Resp: 258585
Ion Ratio Lower Upper
117 100
119 96.4 77.1 115.7



#33
Benzene
Concen: 23.237 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

Tgt Ion: 78 Resp: 813271

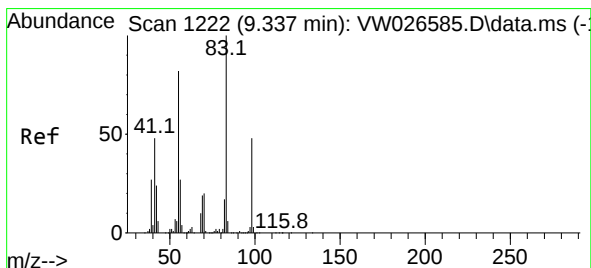
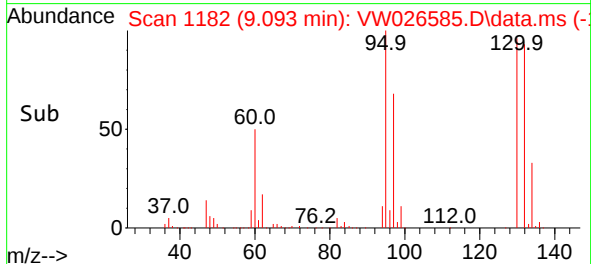
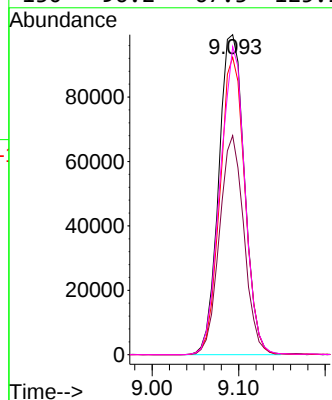
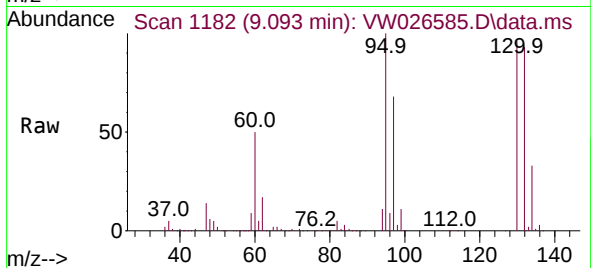




#34
Trichloroethene
Concen: 22.824 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

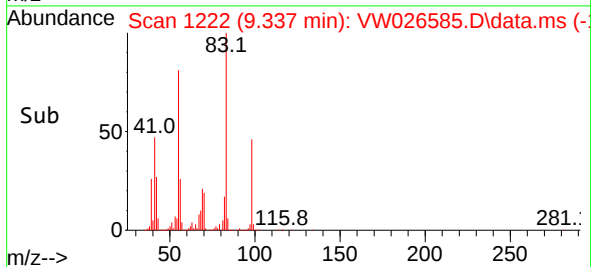
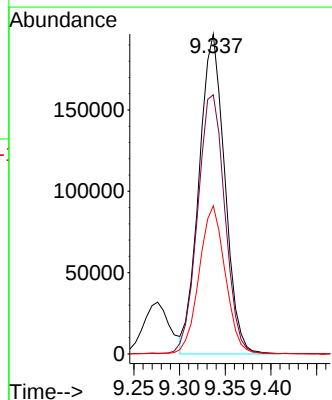
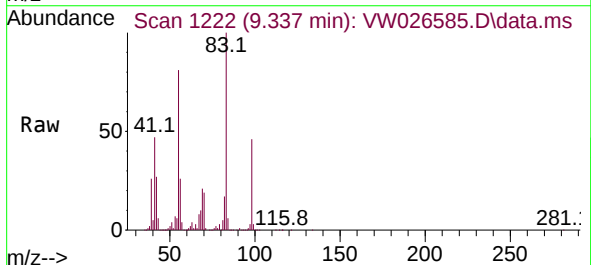
Instrument :
MSVOA_W
ClientSampleId :
VSTD025416

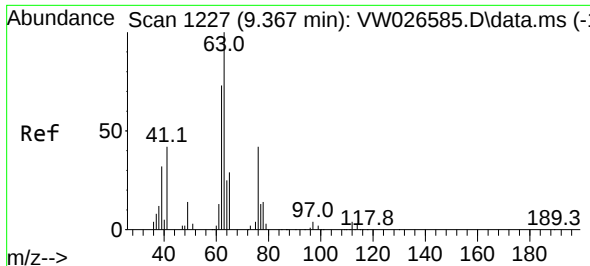
Tgt Ion: 95 Resp: 205194
Ion Ratio Lower Upper
95 100
97 68.4 47.9 88.9
132 92.9 65.0 120.8
130 96.2 67.3 125.1



#35
Methylcyclohexane
Concen: 23.813 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

Tgt Ion: 83 Resp: 384404
Ion Ratio Lower Upper
83 100
55 85.9 68.7 103.1
98 46.6 37.3 55.9





#37

1,2-Dichloropropane

Concen: 22.851 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW026585.D

Acq: 11 Jul 2023 09:24

Instrument :

MSVOA_W

ClientSampleId :

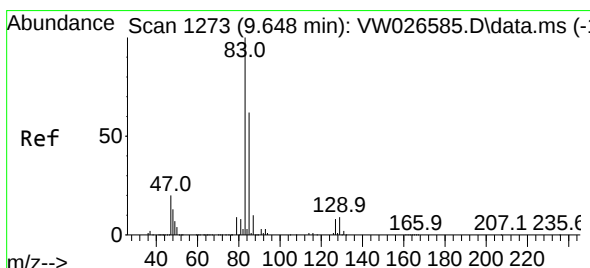
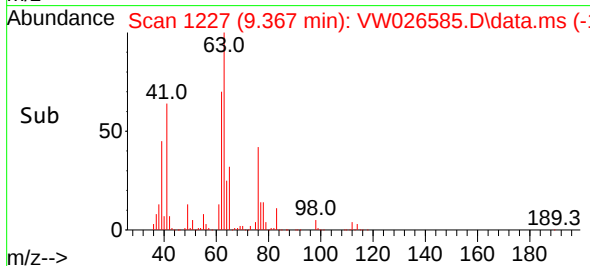
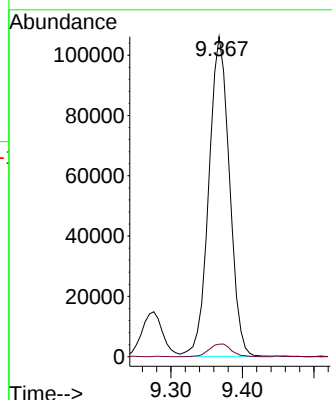
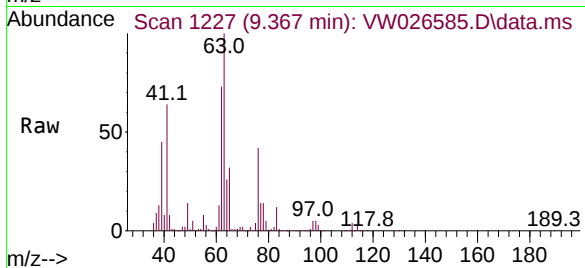
VSTD025416

Tgt Ion: 63 Resp: 212381

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 23.171 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VW026585.D

Acq: 11 Jul 2023 09:24

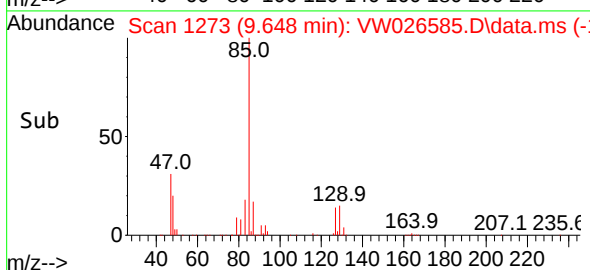
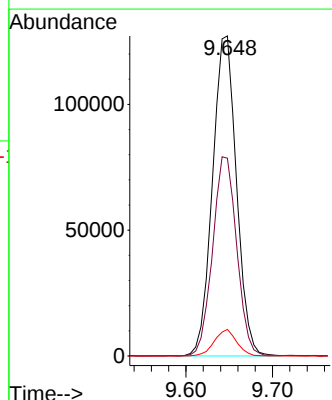
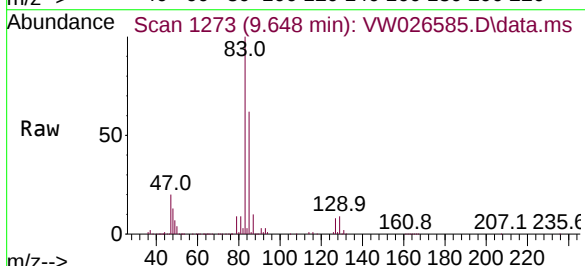
Tgt Ion: 83 Resp: 244672

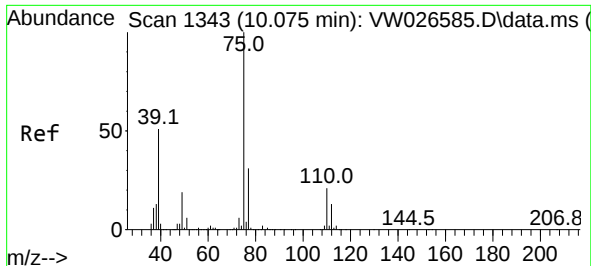
Ion Ratio Lower Upper

83 100

85 61.8 43.3 80.3

127 8.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 23.555 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026585.D

Acq: 11 Jul 2023 09:24

Instrument :

MSVOA_W

ClientSampleId :

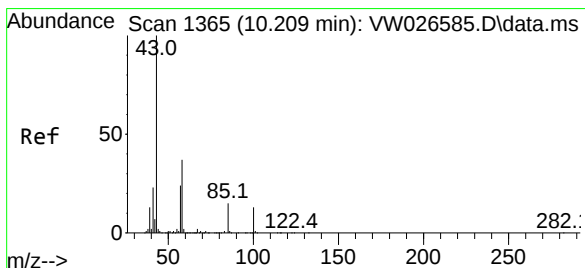
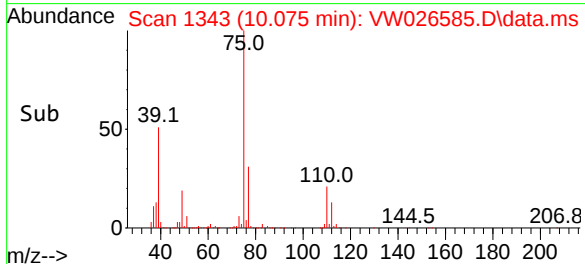
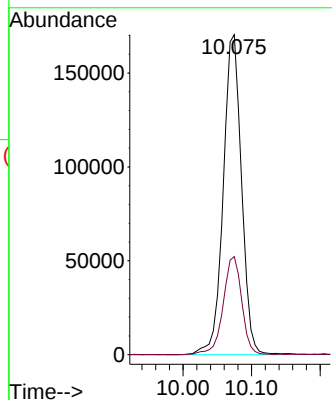
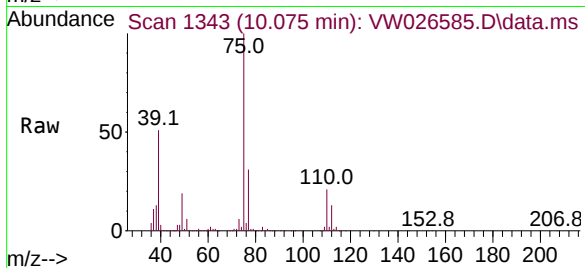
VSTD025416

Tgt Ion: 75 Resp: 315188

Ion Ratio Lower Upper

75 100

77 30.6 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 50.160 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026585.D

Acq: 11 Jul 2023 09:24

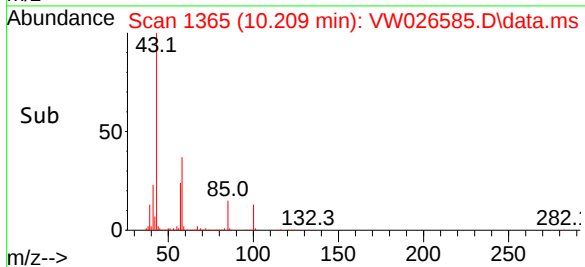
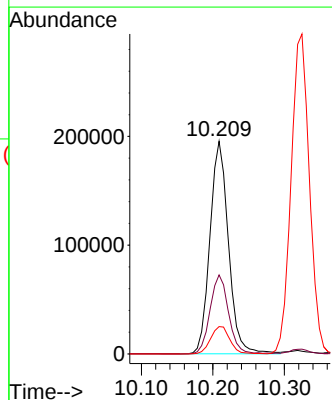
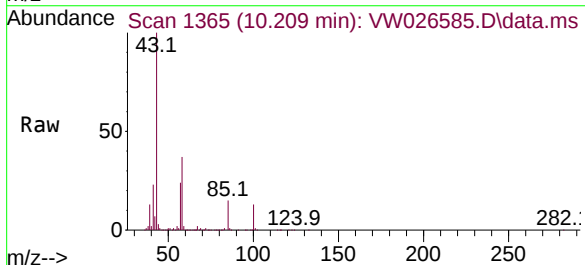
Tgt Ion: 43 Resp: 351876

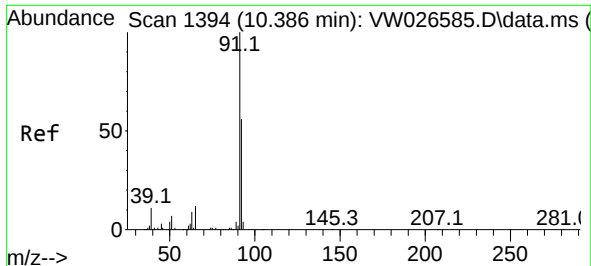
Ion Ratio Lower Upper

43 100

58 37.3 29.8 44.8

100 13.4 10.7 16.1

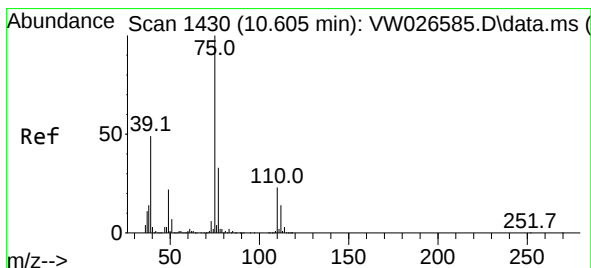
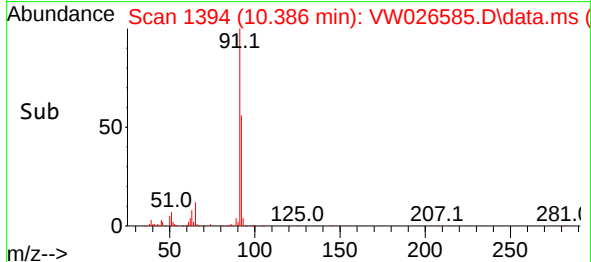
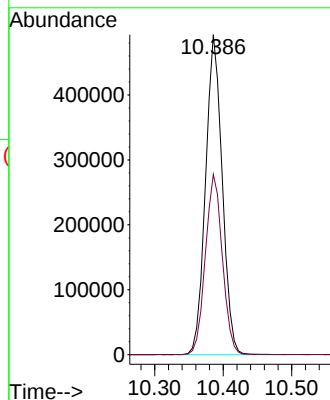
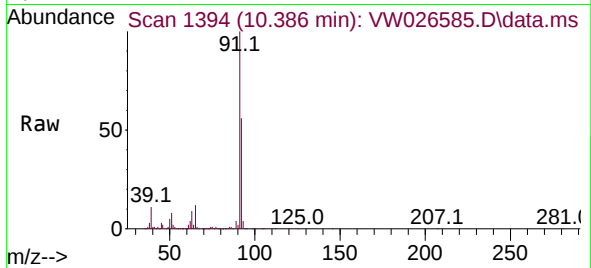




#42
Toluene
Concen: 23.573 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

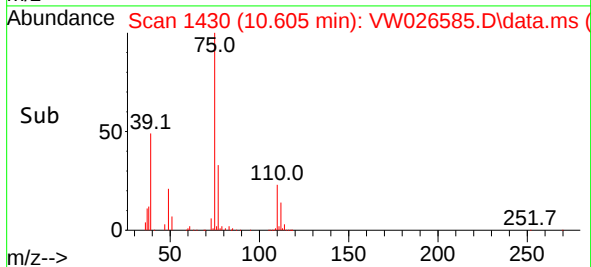
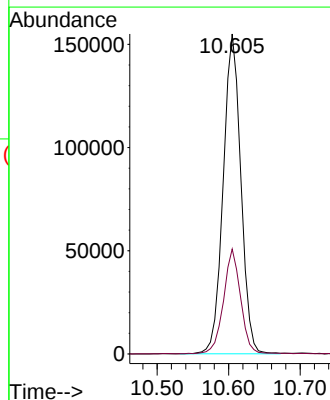
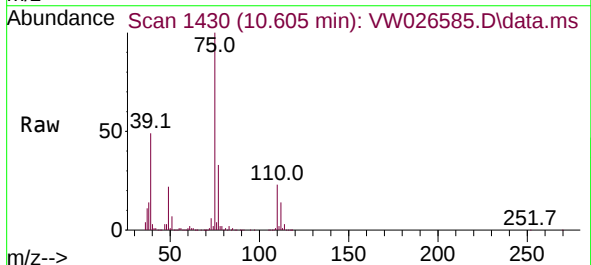
Instrument :
MSVOA_W
ClientSampleId :
VSTD025416

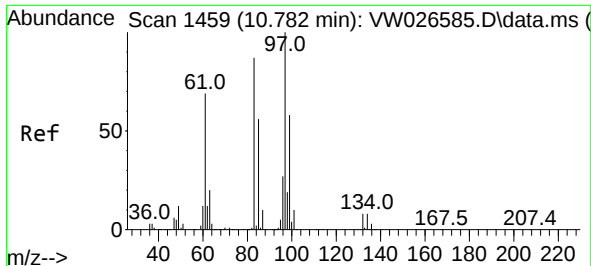
Tgt Ion: 91 Resp: 833173
Ion Ratio Lower Upper
91 100
92 56.4 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 23.540 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

Tgt Ion: 75 Resp: 265654
Ion Ratio Lower Upper
75 100
77 32.8 23.0 42.6

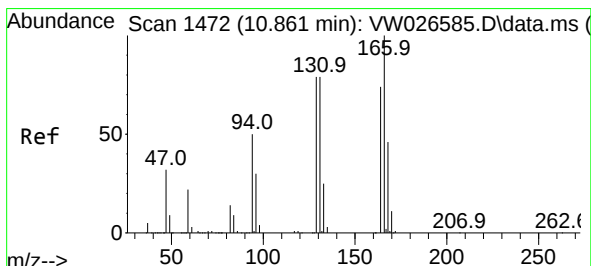
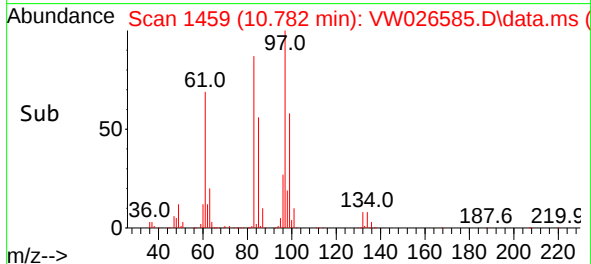
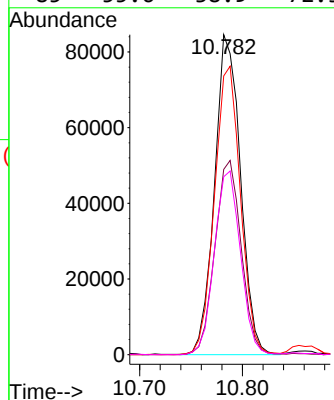
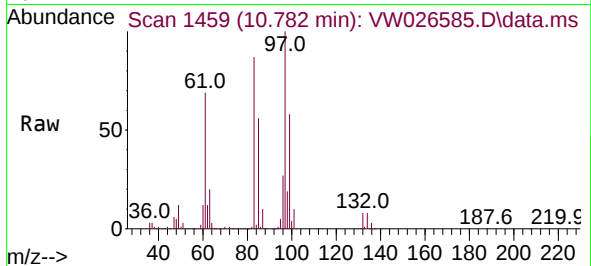




#45
1,1,2-Trichloroethane
Concen: 22.837 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

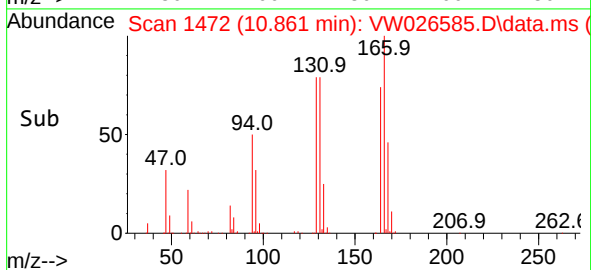
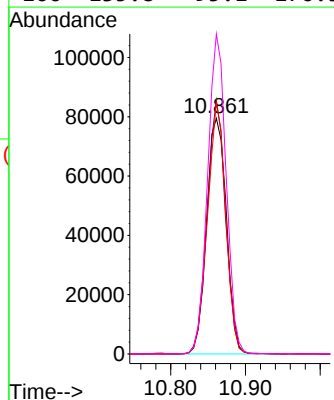
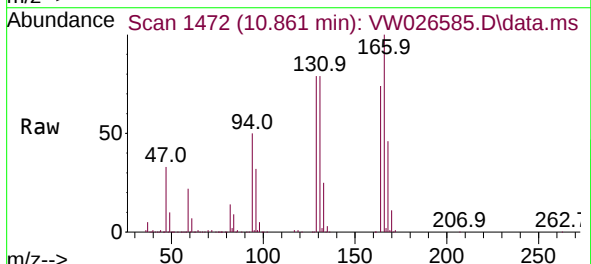
Instrument :
MSVOA_W
ClientSampleId :
VSTD025416

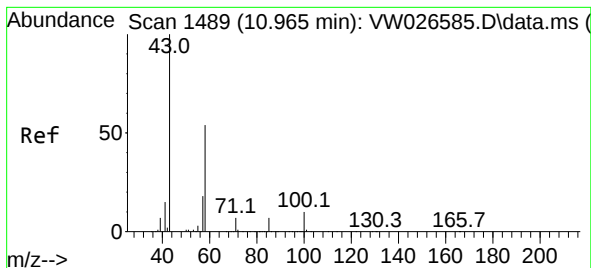
Tgt Ion: 97	Resp: 148145
Ion Ratio	Lower Upper
97 100	
99 57.9	40.5 75.3
83 87.1	61.0 113.2
85 55.6	38.9 72.3



#46
Tetrachloroethene
Concen: 22.887 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

Tgt	Ion:164	Resp:	146069
Ion	Ratio	Lower	Upper
164	100		
129	107.8	75.5	140.1
131	106.8	74.8	138.8
166	135.8	95.1	176.5





#48

2-Hexanone

Concen: 52.505 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW026585.D

Acq: 11 Jul 2023 09:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD025416

Tgt Ion: 43 Resp: 257048

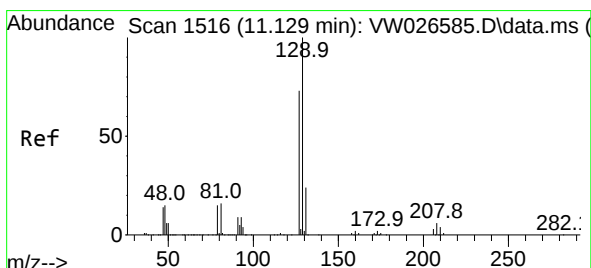
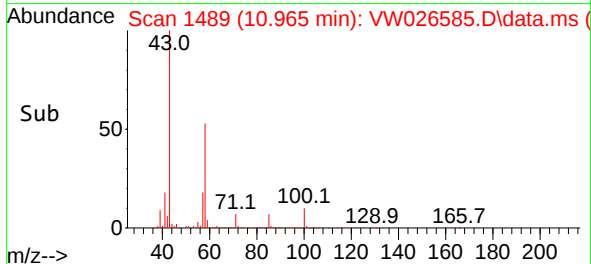
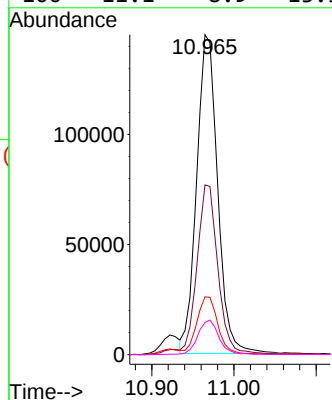
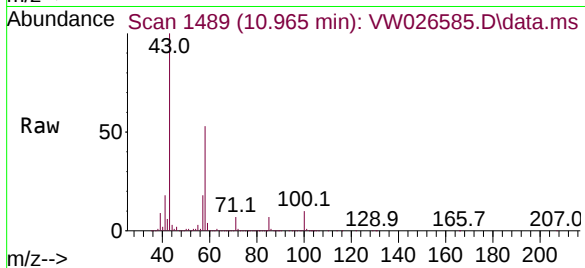
Ion Ratio Lower Upper

43 100

58 52.6 42.1 63.1

57 18.5 14.8 22.2

100 11.1 8.9 13.3



#49

Dibromochloromethane

Concen: 23.688 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW026585.D

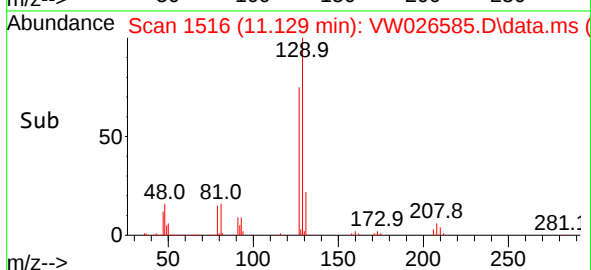
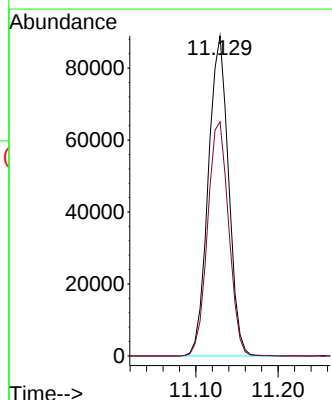
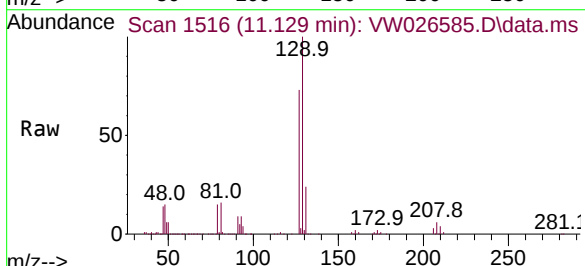
Acq: 11 Jul 2023 09:24

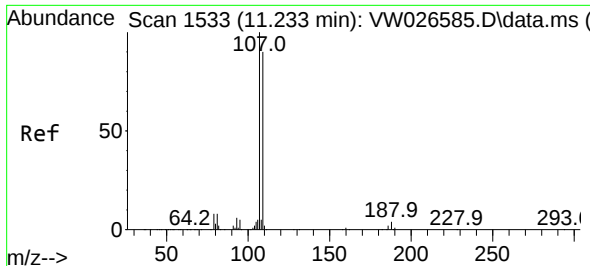
Tgt Ion: 129 Resp: 152149

Ion Ratio Lower Upper

129 100

127 73.2 51.2 95.2





#50

1,2-Dibromoethane

Concen: 23.485 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026585.D

Acq: 11 Jul 2023 09:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD025416

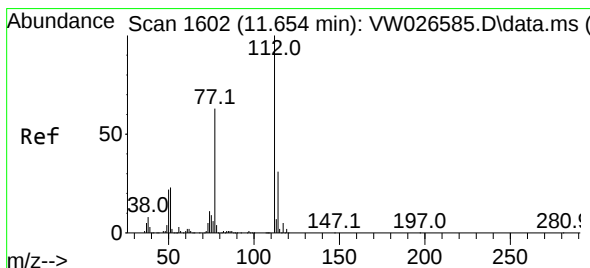
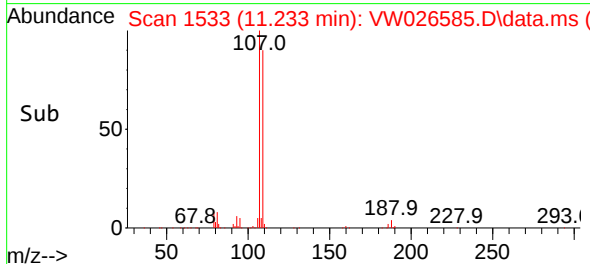
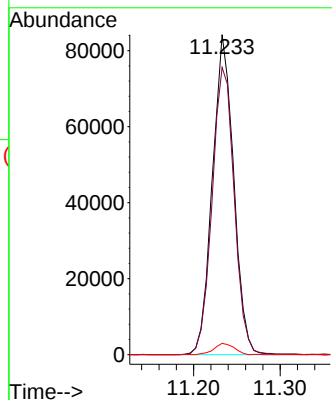
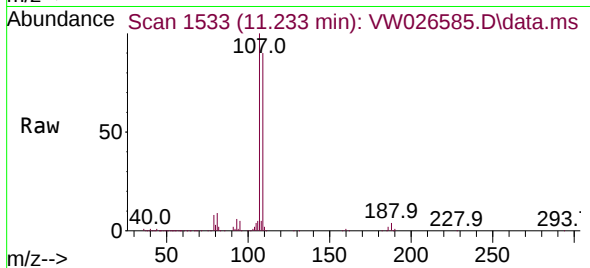
Tgt Ion:107 Resp: 143604

Ion Ratio Lower Upper

107 100

109 89.8 62.9 116.7

188 3.5 2.8 4.2



#51

Chlorobenzene

Concen: 22.982 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026585.D

Acq: 11 Jul 2023 09:24

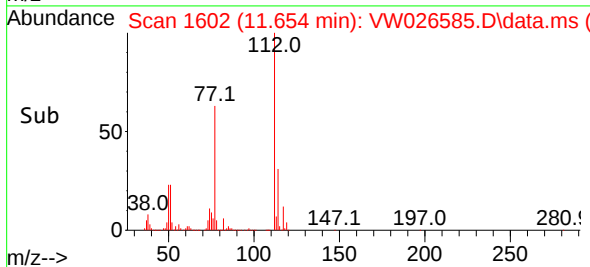
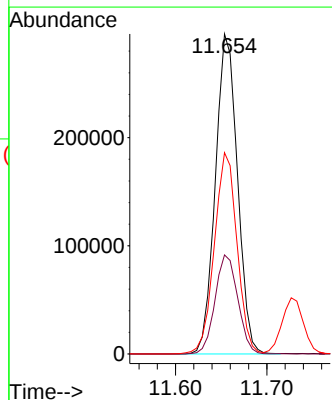
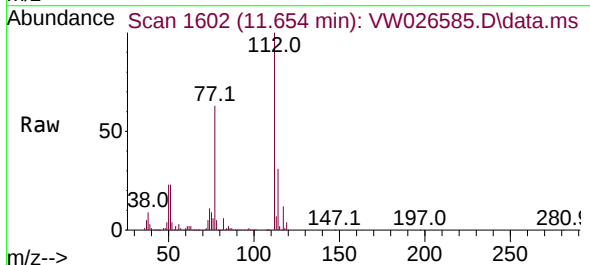
Tgt Ion:112 Resp: 498035

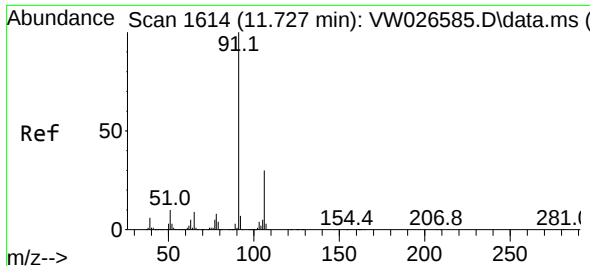
Ion Ratio Lower Upper

112 100

114 30.9 21.6 40.2

77 62.9 50.3 75.5

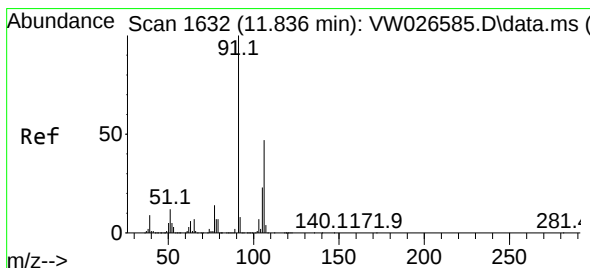
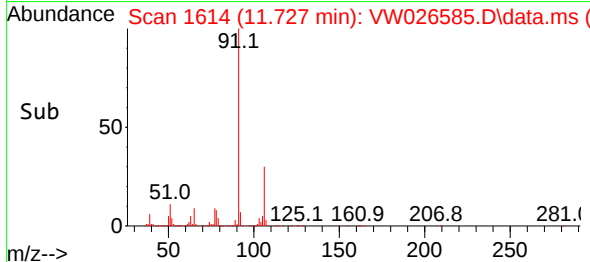
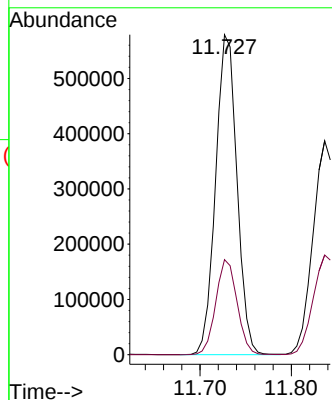
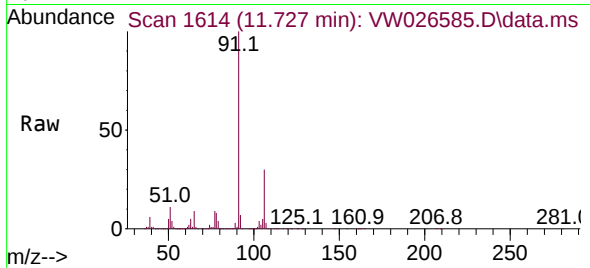




#52
Ethylbenzene
Concen: 23.906 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

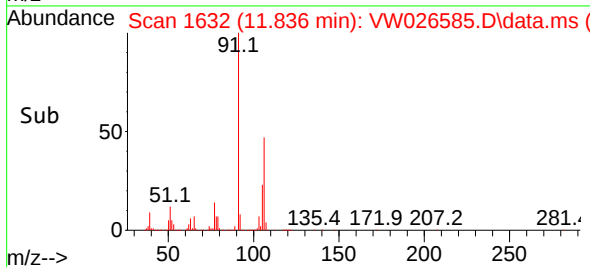
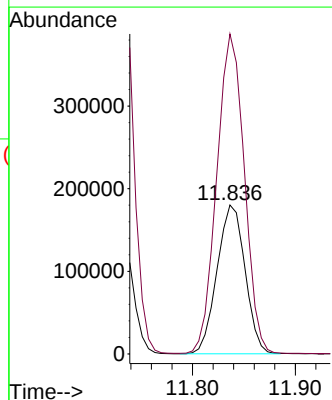
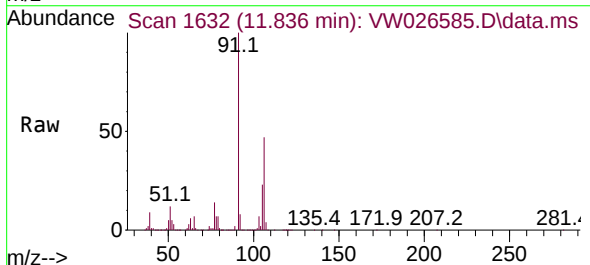
Instrument :
MSVOA_W
ClientSampleId :
VSTD025416

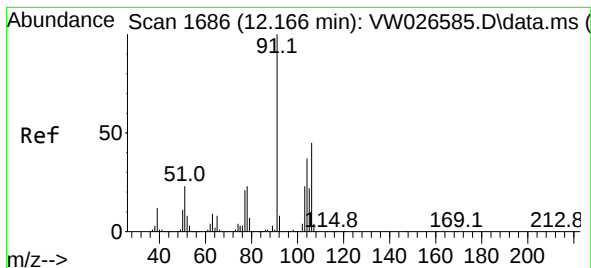
Tgt Ion: 91 Resp: 940667
Ion Ratio Lower Upper
91 100
106 29.7 20.8 38.6



#53
m,p-Xylene
Concen: 23.773 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

Tgt Ion: 106 Resp: 340318
Ion Ratio Lower Upper
106 100
91 214.7 150.3 279.1

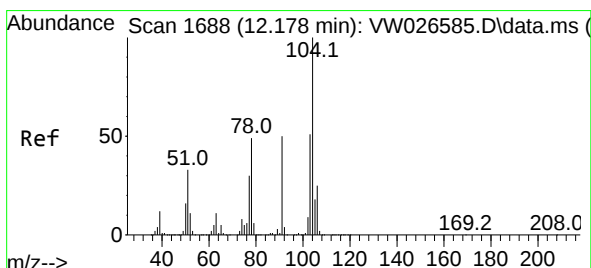
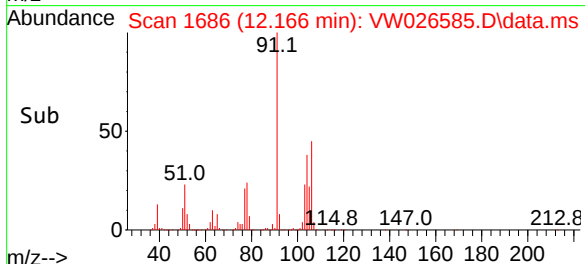
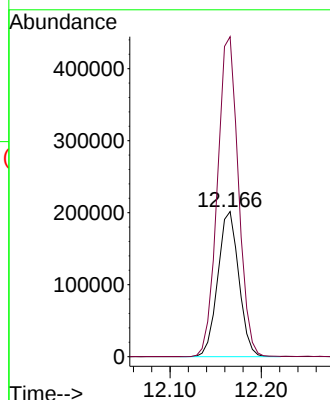
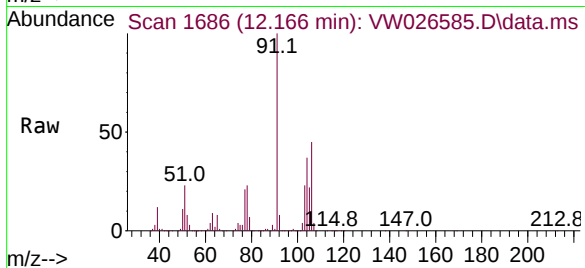




#54
o-Xylene
Concen: 24.015 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

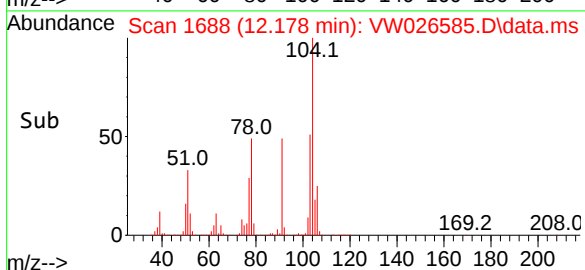
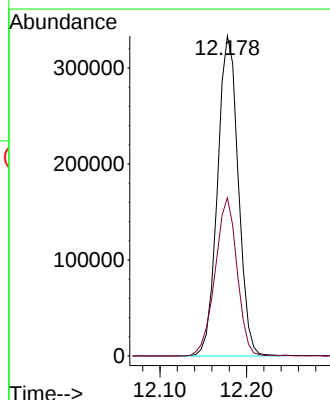
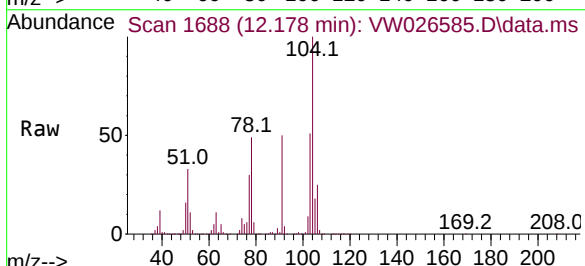
Instrument :
MSVOA_W
ClientSampleId :
VSTD025416

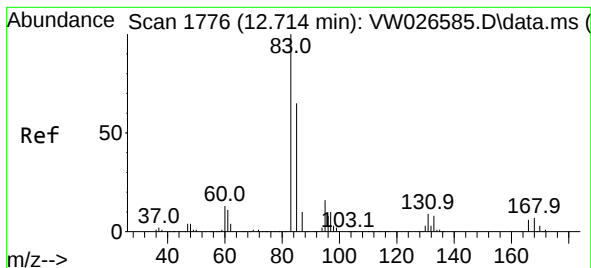
Tgt Ion:106 Resp: 322683
Ion Ratio Lower Upper
106 100
91 220.4 154.3 286.5



#55
Styrene
Concen: 24.471 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

Tgt Ion:104 Resp: 554598
Ion Ratio Lower Upper
104 100
78 49.4 34.6 64.2

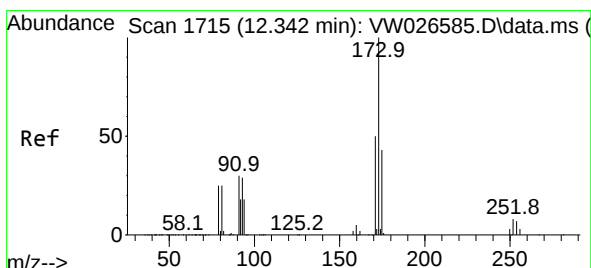
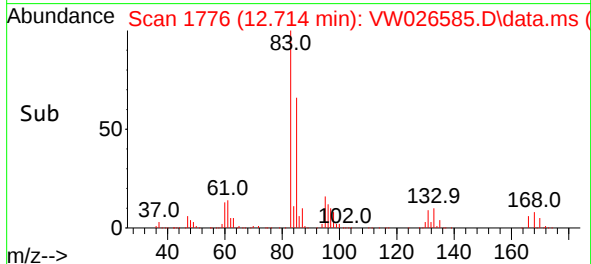
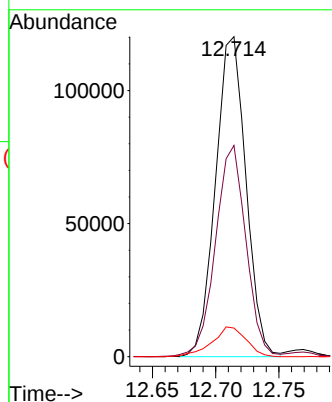
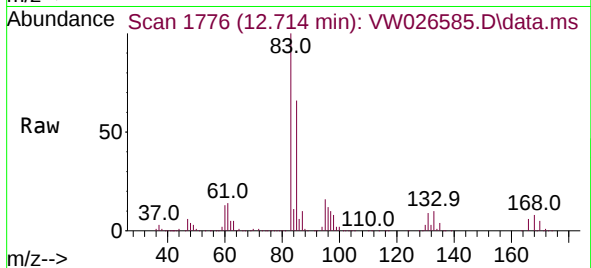




#57
1,1,2-Tetrachloroethane
Concen: 23.635 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

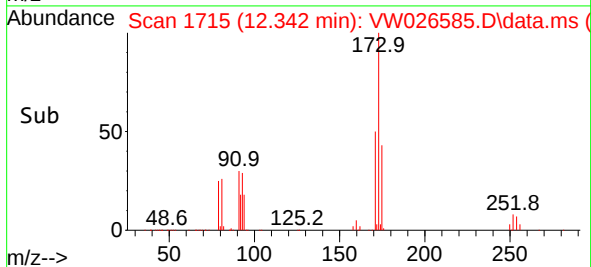
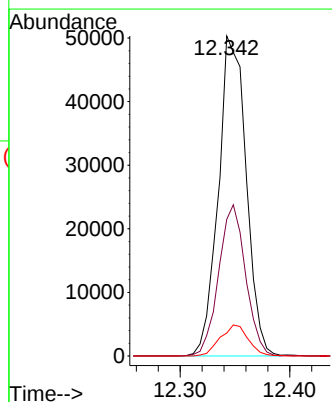
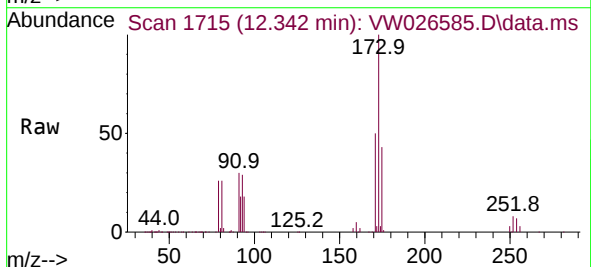
Instrument :
MSVOA_W
ClientSampleId :
VSTD025416

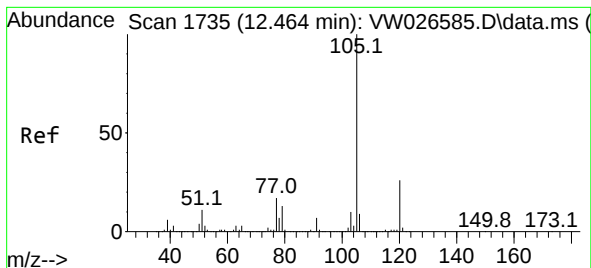
Tgt Ion: 83 Resp: 201210
Ion Ratio Lower Upper
83 100
85 66.0 46.2 85.8
131 9.0 7.2 10.8



#59
Bromoform
Concen: 23.479 ug/L
RT: 12.342 min Scan# 1715
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

Tgt Ion: 173 Resp: 88674
Ion Ratio Lower Upper
173 100
175 45.7 36.6 54.8
254 9.7 7.8 11.6





#60

Isopropylbenzene

Concen: 24.297 ug/L

RT: 12.464 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VW026585.D

Acq: 11 Jul 2023 09:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD025416

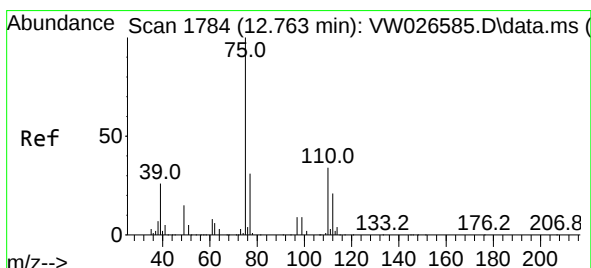
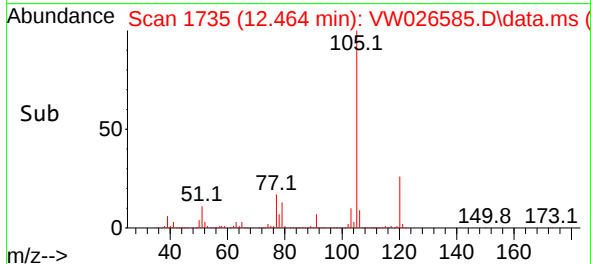
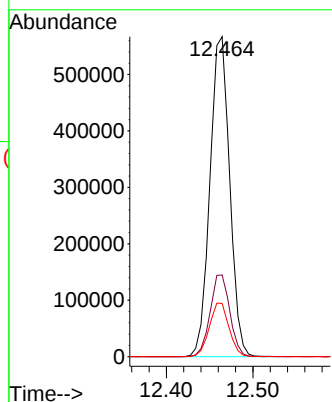
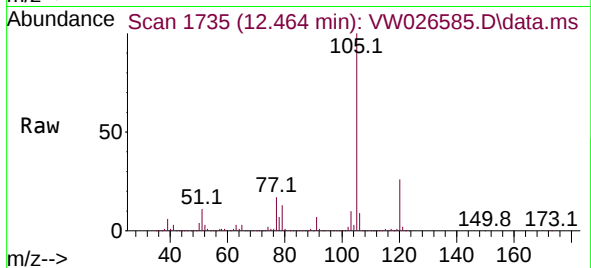
Tgt Ion:105 Resp: 897664

Ion Ratio Lower Upper

105 100

120 25.6 20.5 30.7

77 16.8 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 24.294 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026585.D

Acq: 11 Jul 2023 09:24

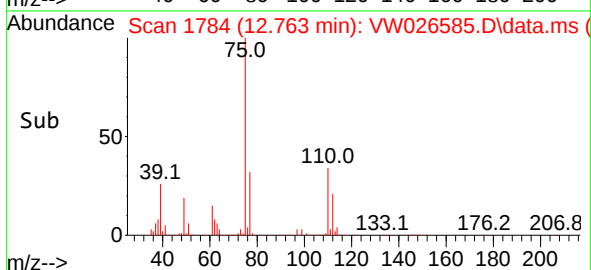
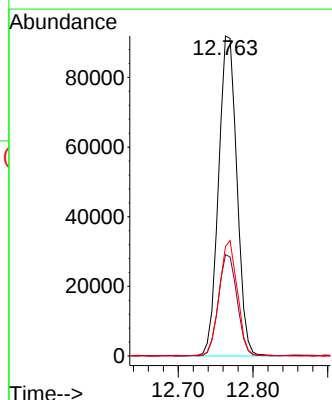
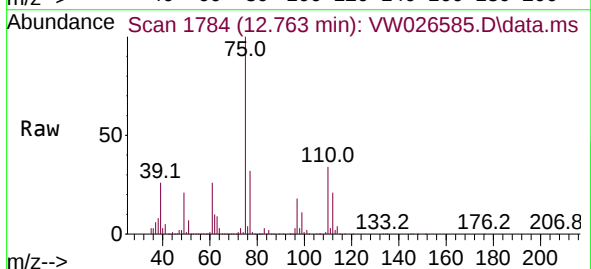
Tgt Ion: 75 Resp: 156685

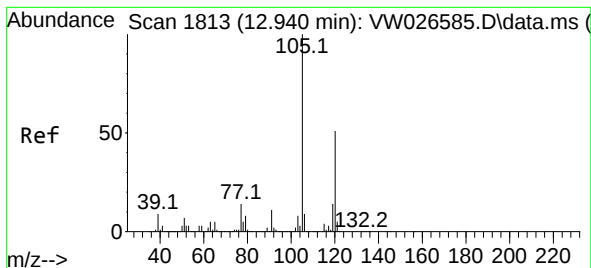
Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

110 35.4 28.3 42.5

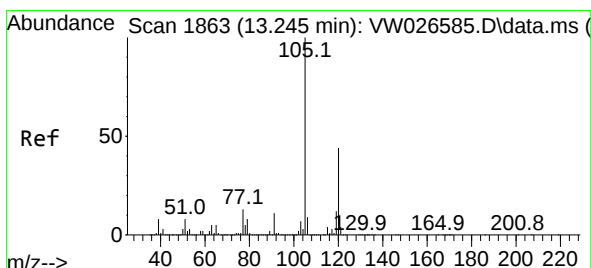
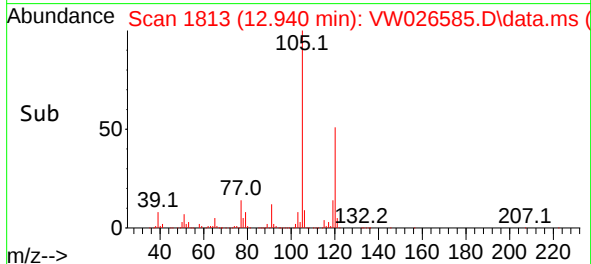
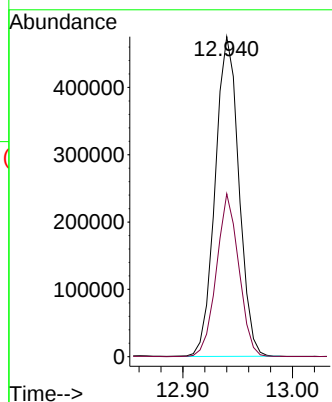
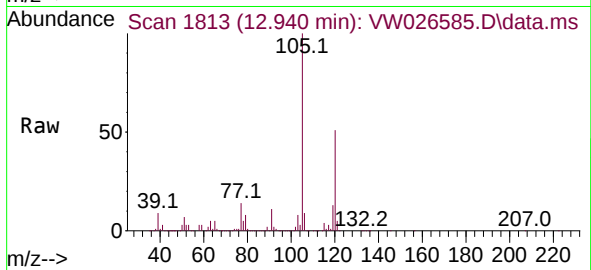




#62
1,3,5-Trimethylbenzene
Concen: 25.196 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

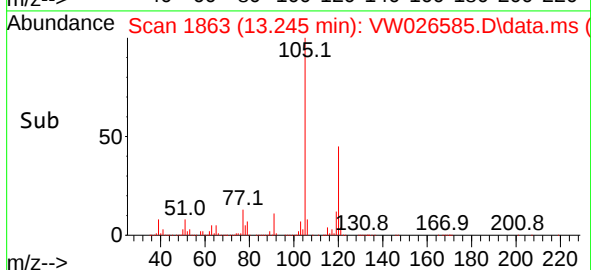
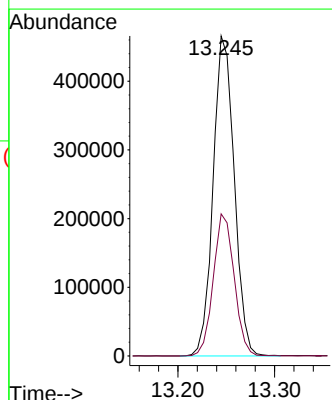
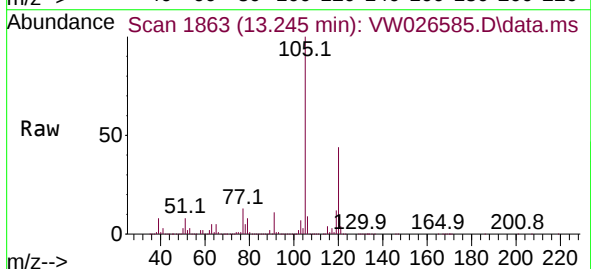
Instrument :
MSVOA_W
ClientSampleId :
VSTD025416

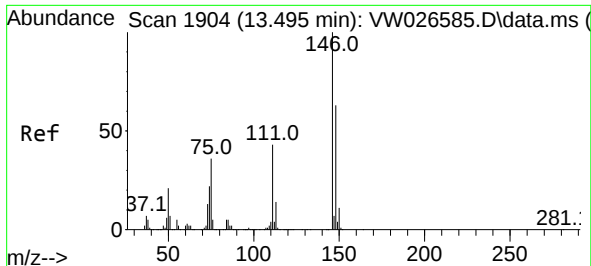
Tgt Ion:105 Resp: 713988
Ion Ratio Lower Upper
105 100
120 48.0 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 25.118 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

Tgt Ion:105 Resp: 705690
Ion Ratio Lower Upper
105 100
120 44.0 35.2 52.8

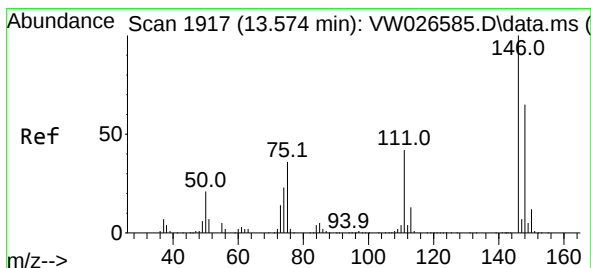
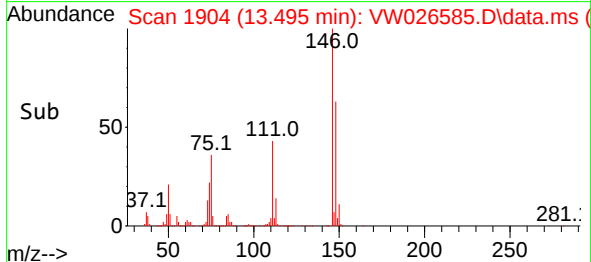
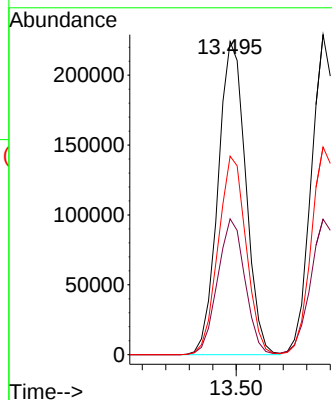
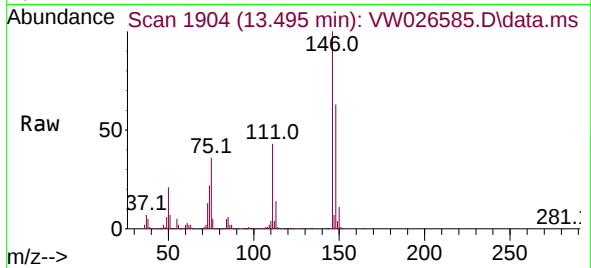




#64
1,3-Dichlorobenzene
Concen: 23.662 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

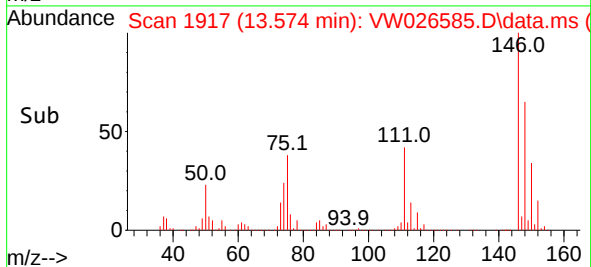
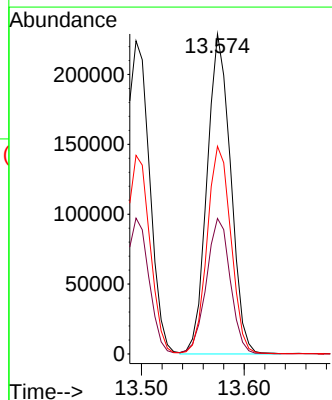
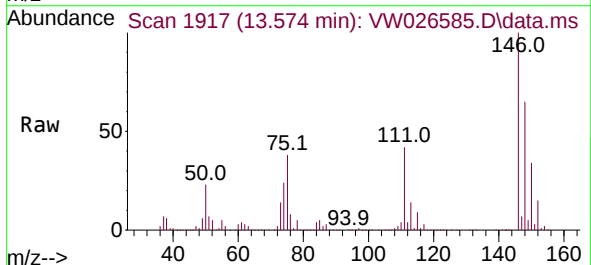
Instrument :
MSVOA_W
ClientSampleId :
VSTD025416

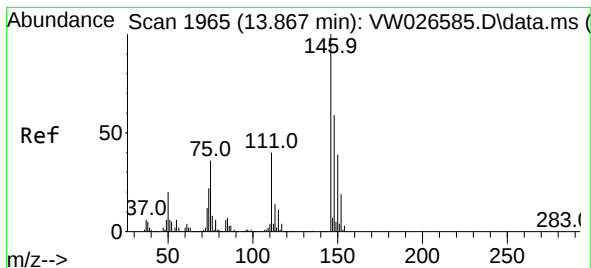
Tgt Ion:146 Resp: 366830
Ion Ratio Lower Upper
146 100
111 43.4 30.4 56.4
148 63.4 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 23.602 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

Tgt Ion:146 Resp: 364918
Ion Ratio Lower Upper
146 100
111 42.4 29.7 55.1
148 64.9 45.4 84.4

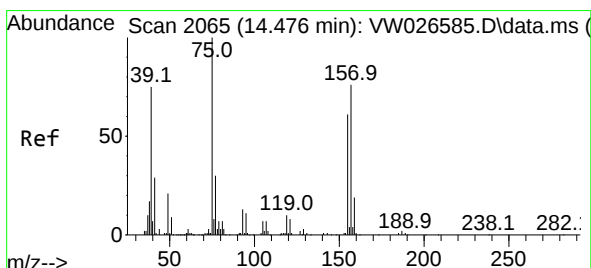
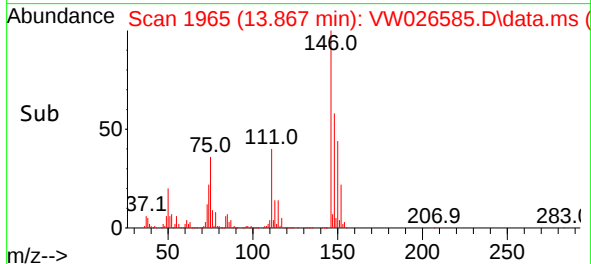
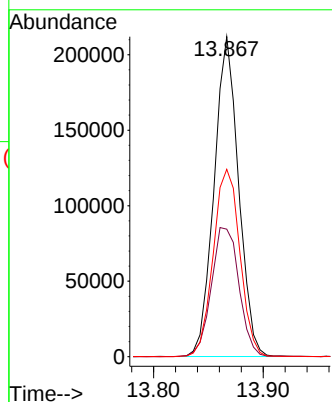
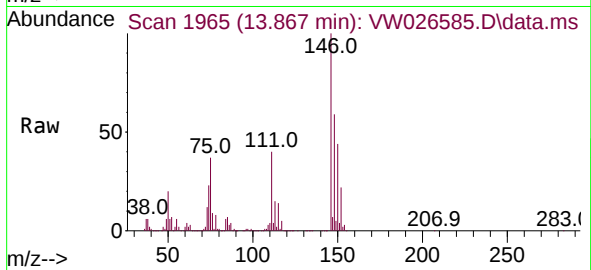




#67
1,2-Dichlorobenzene
Concen: 23.993 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

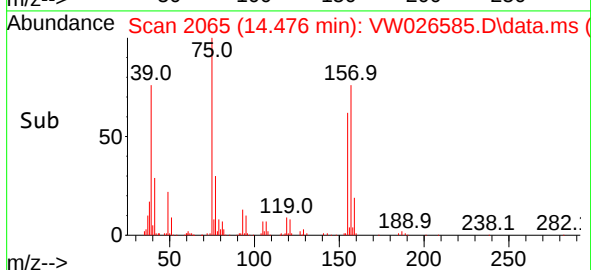
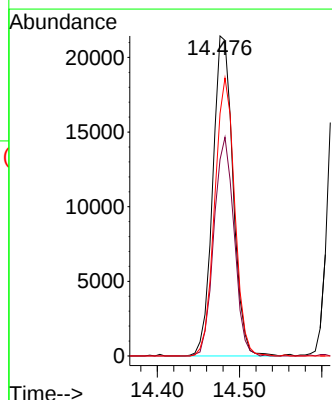
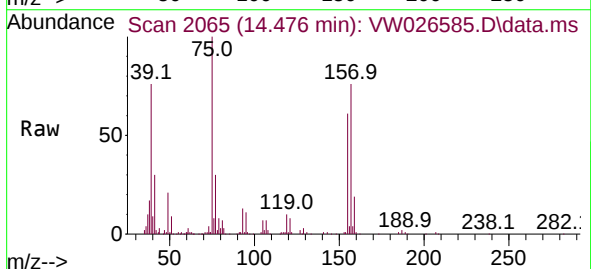
Instrument :
MSVOA_W
ClientSampleId :
VSTD025416

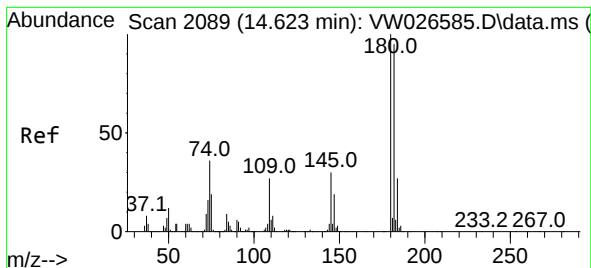
Tgt Ion:146 Resp: 329197
Ion Ratio Lower Upper
146 100
111 39.8 31.8 47.8
148 58.6 46.9 70.3



#68
1,2-Dibromo-3-chloropropane
Concen: 23.890 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

Tgt Ion: 75 Resp: 36687
Ion Ratio Lower Upper
75 100
155 61.4 49.1 73.7
157 75.7 60.6 90.8





#69

1,3,5-Trichlorobenzene

Concen: 23.659 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026585.D

Acq: 11 Jul 2023 09:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD025416

Tgt Ion:180 Resp: 242726

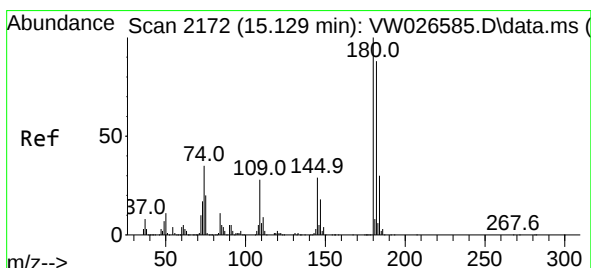
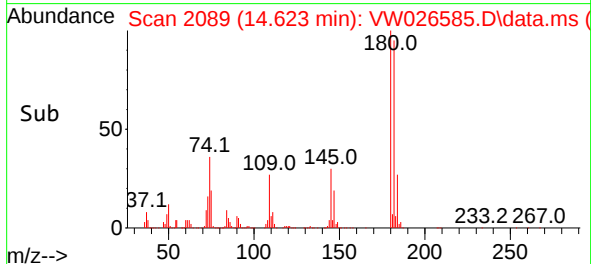
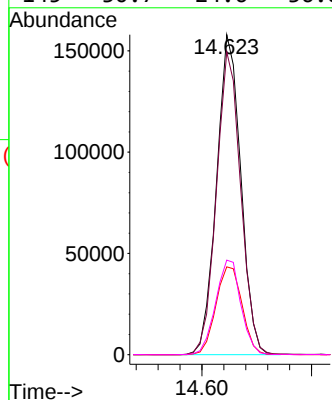
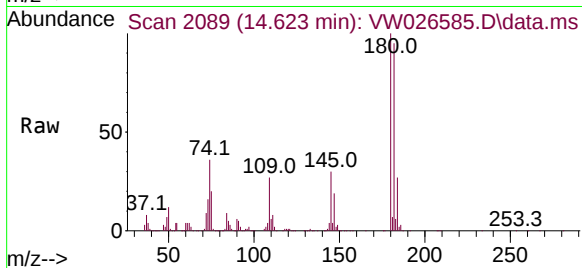
Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

184 29.6 23.7 35.5

145 30.7 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 23.790 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026585.D

Acq: 11 Jul 2023 09:24

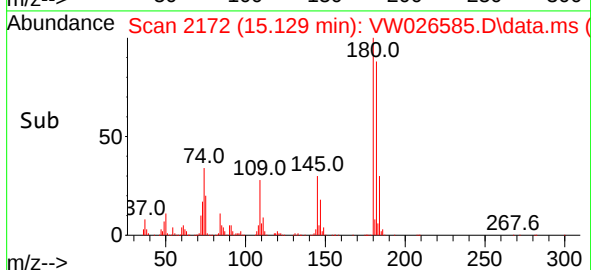
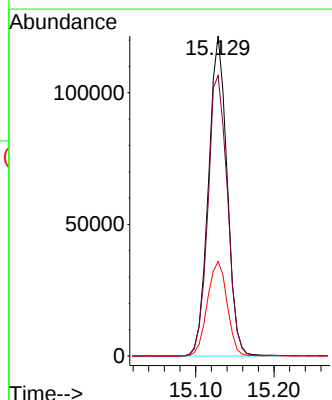
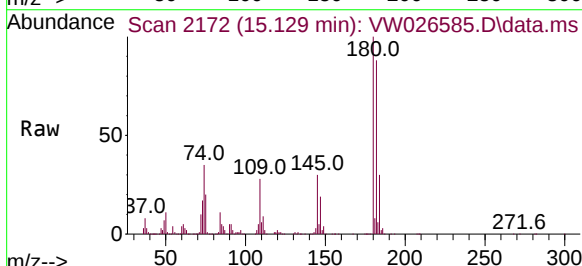
Tgt Ion:180 Resp: 200288

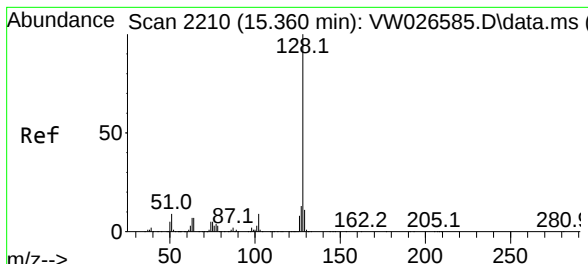
Ion Ratio Lower Upper

180 100

182 91.9 73.5 110.3

145 31.3 25.0 37.6



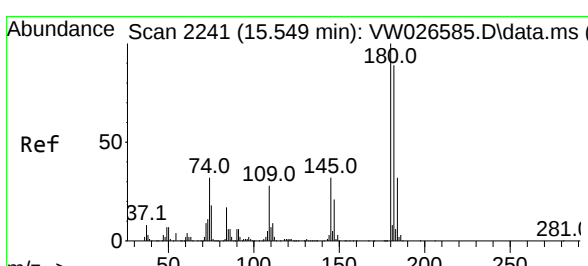
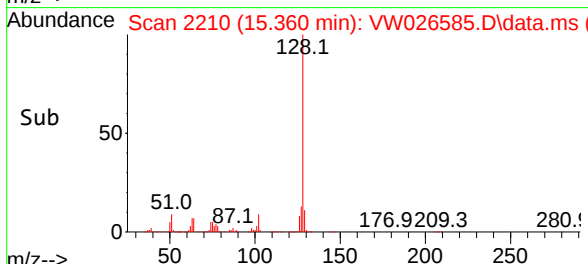
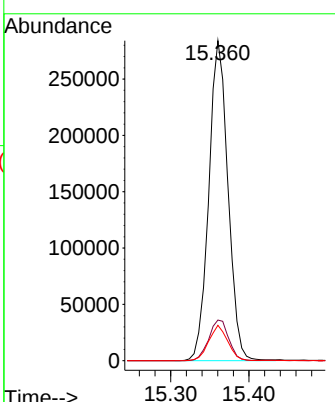
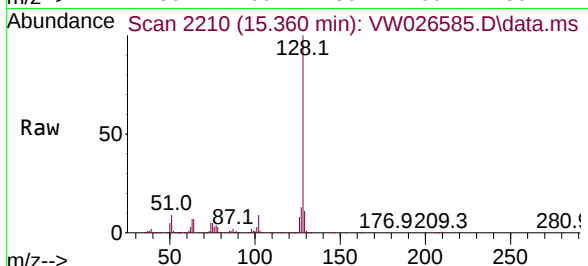


#71
Naphthalene
Concen: 25.357 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD025416

Tgt Ion:128 Resp: 483447

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	10.9	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 23.600 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW026585.D
Acq: 11 Jul 2023 09:24

Tgt Ion:180 Resp: 187048

Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.2	112.8
145	33.3	26.6	40.0

