

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121923\
 Data File : VW027766.D
 Acq On : 19 Dec 2023 09:16
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 22:34:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	374228	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	332631	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	169370	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	107970	20.372	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.480%
7) Chloroethane-d5	2.899	69	80767	19.573	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.280%
11) 1,1-Dichloroethene-d2	4.021	65	44079	20.766	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.080%
21) 2-Butanone-d5	7.094	46	34615	38.355	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.700%
24) Chloroform-d	7.648	84	207514	23.303	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	8.307	65	92725	22.177	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.720%
32) Benzene-d6	8.276	84	438593	22.561	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.240%
36) 1,2-Dichloropropane-d6	9.270	67	120957	21.962	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.840%
41) Toluene-d8	10.319	98	408578	22.653	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	10.575	79	47094	22.085	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.360%
47) 2-Hexanone-d5	10.922	63	31425	39.154	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.300%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	89358	21.455	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	137344	22.654	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	114098	26.195	ug/L	95
3) Chloromethane	2.223	50	122753	23.927	ug/L	98
5) Vinyl chloride	2.375	62	151591	24.837	ug/L	95
6) Bromomethane	2.796	94	103898	26.744	ug/L	96
8) Chloroethane	2.936	64	83885	22.987	ug/L	98
9) Trichlorofluoromethane	3.271	101	146141	26.511	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	127134	27.149	ug/L	98
12) 1,1-Dichloroethene	4.045	96	120779	26.348	ug/L	88
13) Acetone	4.161	43	42016	51.285	ug/L	97
14) Carbon disulfide	4.387	76	385204	25.013	ug/L	99
15) Methyl Acetate	4.685	43	30778	20.794	ug/L	96
16) Methylene chloride	4.917	84	124358	21.194	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	127584	26.321	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	162334	25.330	ug/L	98
19) 1,1-Dichloroethane	6.222	63	210141	25.494	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	135908	26.635	ug/L	97
22) 2-Butanone	7.185	43	47709	43.853	ug/L	95
23) Bromochloromethane	7.514	128	57653	26.757	ug/L	97
25) Chloroform	7.673	83	214108	26.375	ug/L	98

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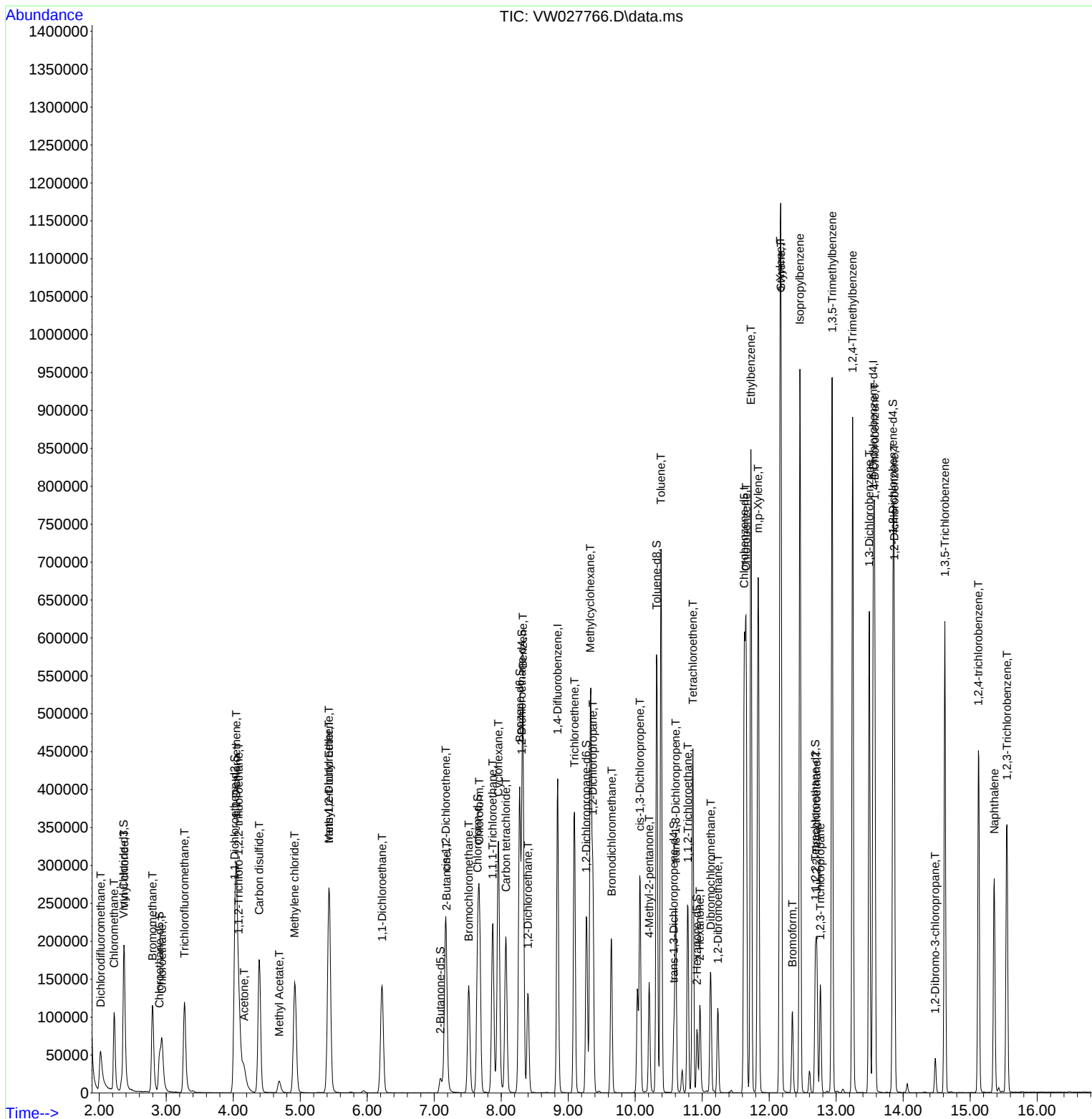
Instrument :
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 ClientSampleId :

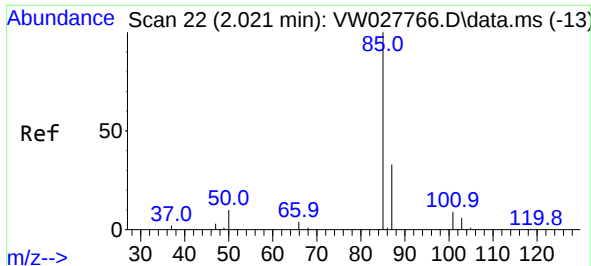
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 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	122772	25.796	ug/L	98
29) Cyclohexane	7.959	56	197030	25.035	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	184904	26.612	ug/L	100
31) Carbon tetrachloride	8.069	117	162751	26.616	ug/L	98
33) Benzene	8.325	78	493699	25.604	ug/L	100
34) Trichloroethene	9.093	95	135992	25.873	ug/L	98
35) Methylcyclohexane	9.331	83	244903	25.834	ug/L	99
37) 1,2-Dichloropropane	9.368	63	116793	25.092	ug/L	100
38) Bromodichloromethane	9.648	83	145061	25.640	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	184036	25.941	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	87706	43.112	ug/L	99
42) Toluene	10.386	91	550537	26.535	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	143151	25.623	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	83928	24.355	ug/L	98
46) Tetrachloroethene	10.861	164	111405	26.544	ug/L	87
48) 2-Hexanone	10.965	43	69295	45.762	ug/L	99
49) Dibromochloromethane	11.129	129	91006	25.250	ug/L	98
50) 1,2-Dibromoethane	11.233	107	79486	24.271	ug/L	88
51) Chlorobenzene	11.654	112	350094	26.412	ug/L	95
52) Ethylbenzene	11.727	91	616976	26.390	ug/L	95
53) m,p-Xylene	11.837	106	238640	26.574	ug/L	96
54) o-Xylene	12.166	106	223915	26.778	ug/L	91
55) Styrene	12.178	104	379476	26.920	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	90510	23.041	ug/L	94
59) Bromoform	12.349	173	50616	24.415	ug/L	95
60) Isopropylbenzene	12.458	105	636283	26.618	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	62106	22.001	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	515686	26.987	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	495553	26.345	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	280017	27.109	ug/L	86
65) 1,4-Dichlorobenzene	13.574	146	269520	25.976	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	236756	26.358	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	11470	20.340	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	192997	26.852	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	156355	26.490	ug/L	97
71) Naphthalene	15.360	128	256722	24.544	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	131171	26.580	ug/L	98

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

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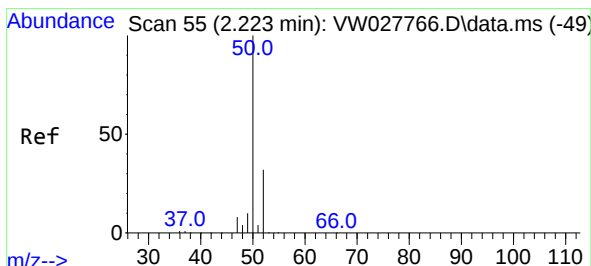
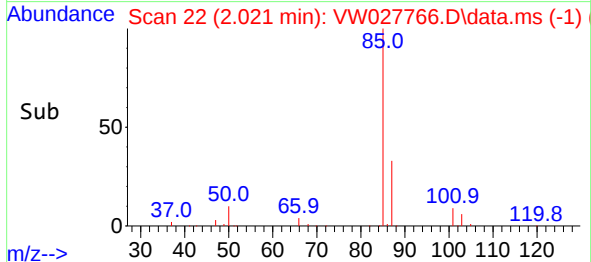
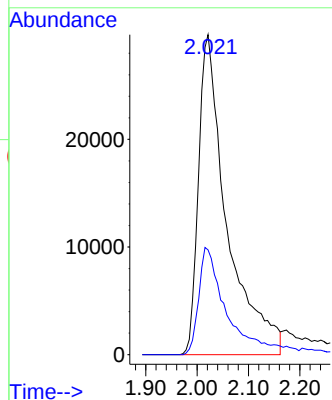
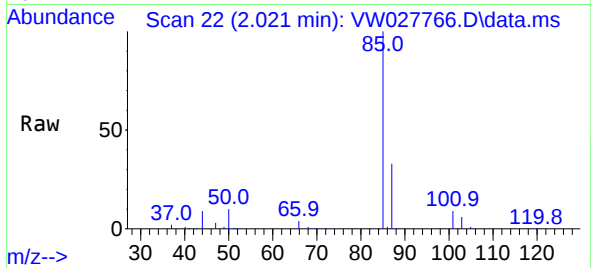




#2
 Dichlorodifluoromethane
 Concen: 26.195 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027766.D
 Acq: 19 Dec 2023 09:16

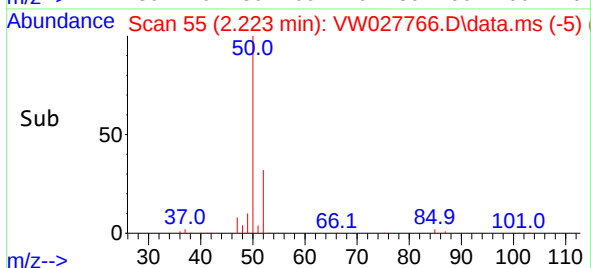
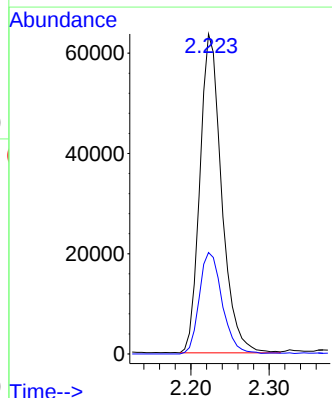
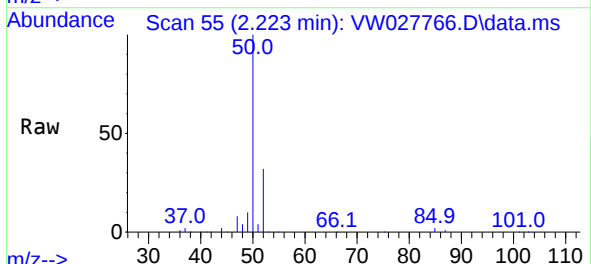
Instrument :
 MSVOA_W
 ClientSampleId :

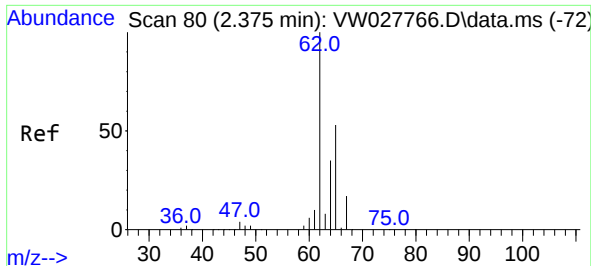
Tgt Ion: 85 Resp: 114098
 Ion Ratio Lower Upper
 85 100
 87 31.6 23.2 34.8



#3
 Chloromethane
 Concen: 23.927 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.006 min
 Lab File: VW027766.D
 Acq: 19 Dec 2023 09:16

Tgt Ion: 50 Resp: 122753
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.8 42.4

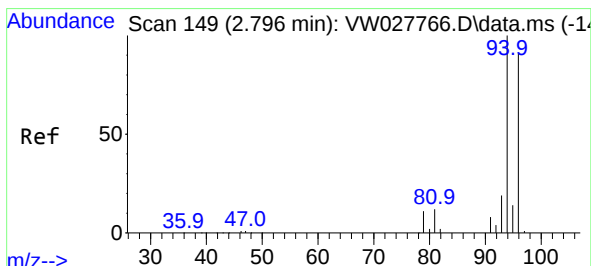
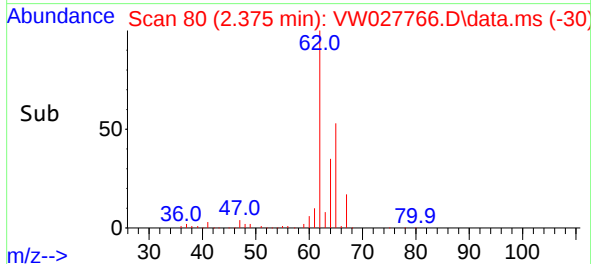
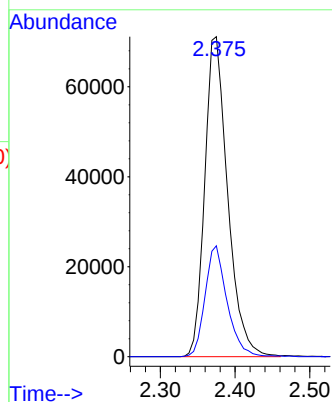
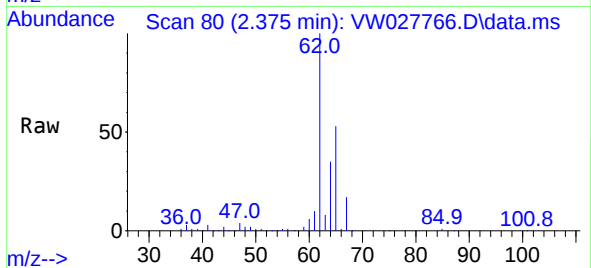




#5
Vinyl chloride
Concen: 24.837 ug/L
RT: 2.375 min Scan# 80
Delta R.T. 0.006 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

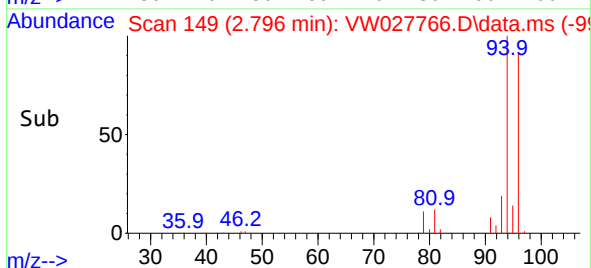
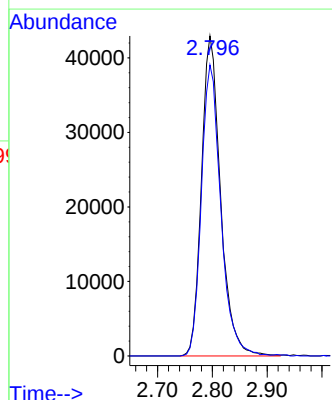
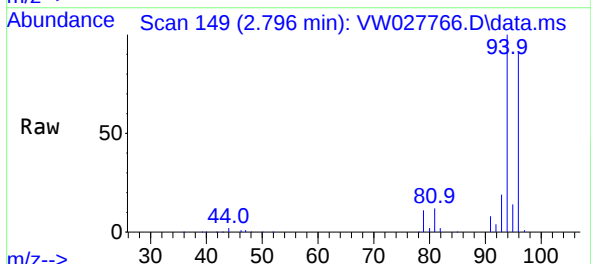
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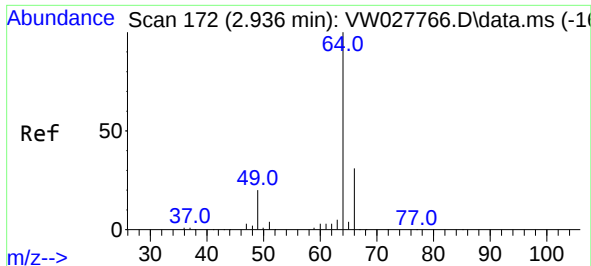
Tgt Ion: 62 Resp: 151591
Ion Ratio Lower Upper
62 100
64 34.7 22.2 41.2



#6
Bromomethane
Concen: 26.744 ug/L
RT: 2.796 min Scan# 149
Delta R.T. 0.006 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

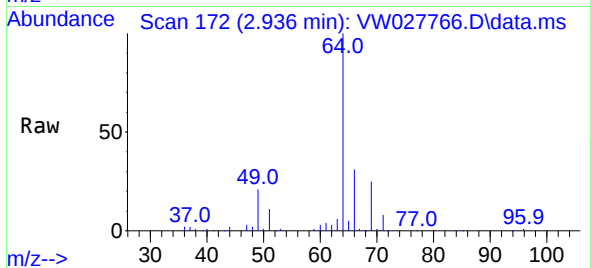
Tgt Ion: 94 Resp: 103898
Ion Ratio Lower Upper
94 100
96 90.9 61.2 113.8



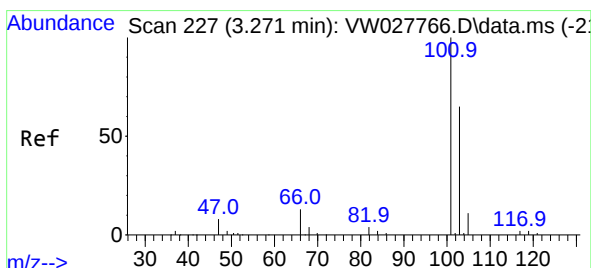
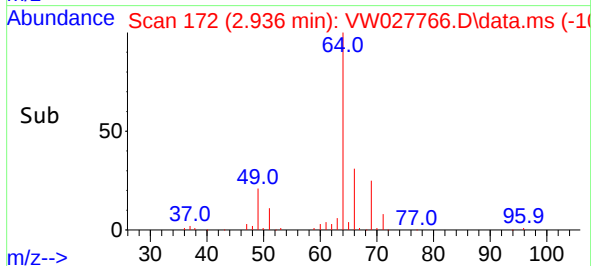
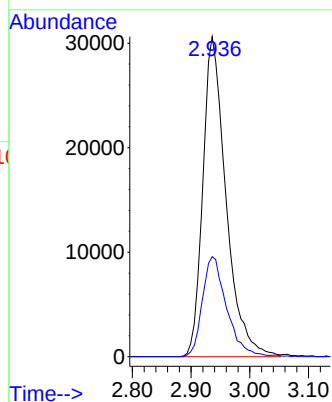


#8
Chloroethane
Concen: 22.987 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

Instrument :
MSVOA_W
ClientSampleId :

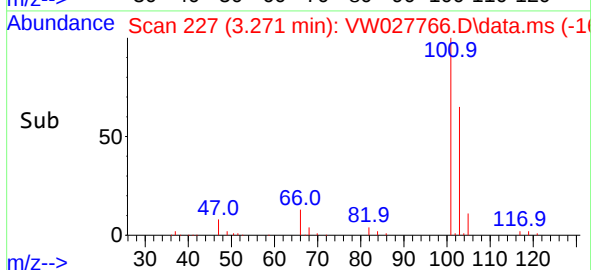
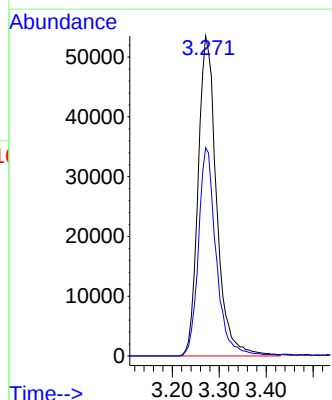
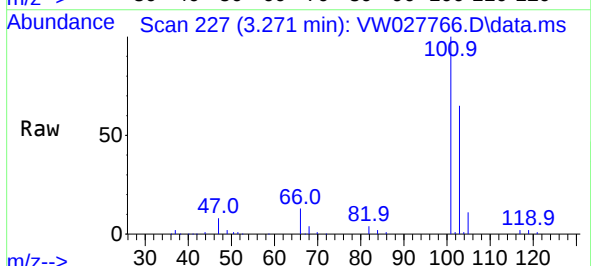


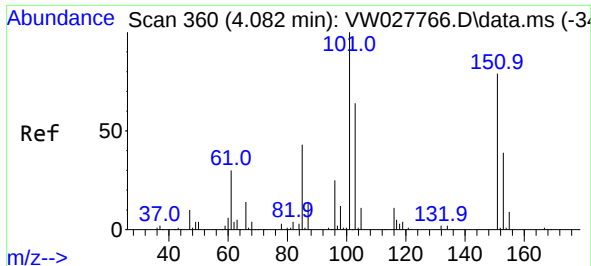
Tgt Ion: 64 Resp: 83885
Ion Ratio Lower Upper
64 100
66 31.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 26.511 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

Tgt Ion:101 Resp: 146141
Ion Ratio Lower Upper
101 100
103 62.5 51.1 76.7

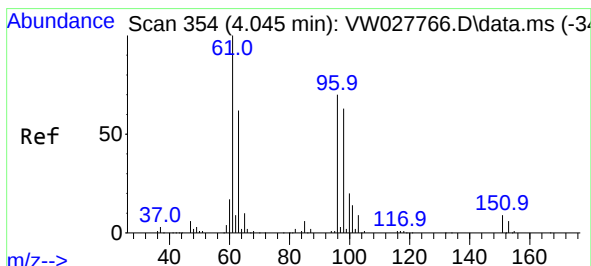
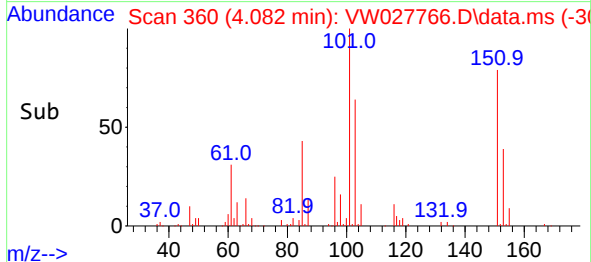
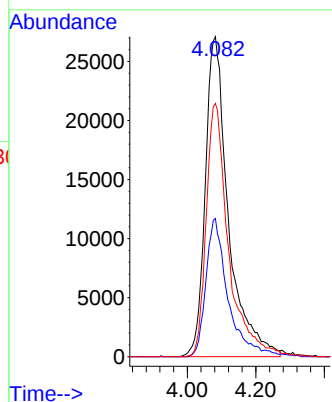
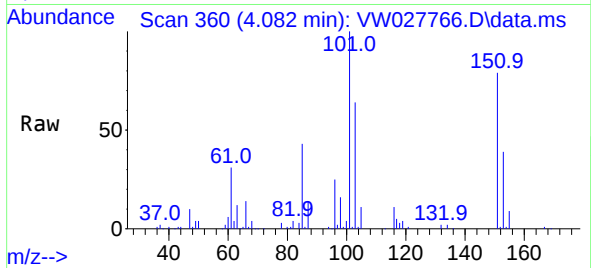




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.149 ug/L
RT: 4.082 min Scan# 360
Delta R.T. 0.012 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

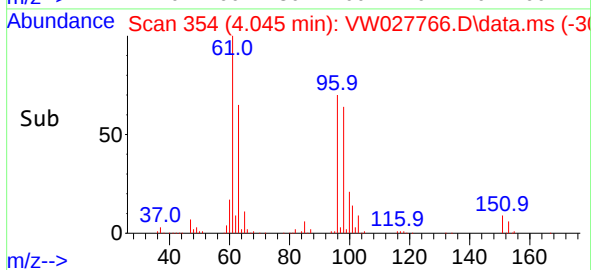
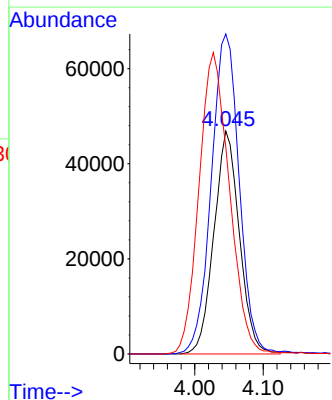
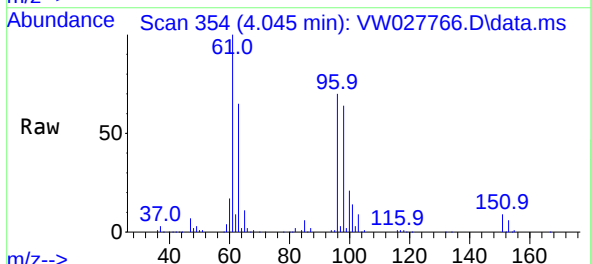
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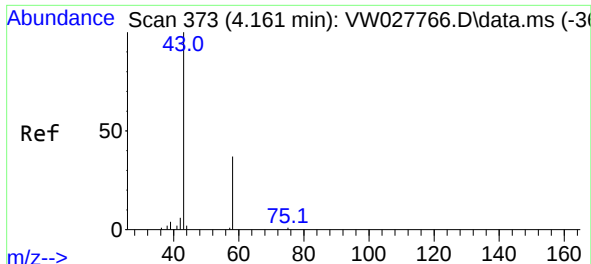
Tgt Ion:101 Resp: 127134
Ion Ratio Lower Upper
101 100
85 40.3 33.0 49.4
151 75.1 58.9 88.3



#12
1,1-Dichloroethene
Concen: 26.348 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

Tgt Ion: 96 Resp: 120779
Ion Ratio Lower Upper
96 100
61 143.6 110.9 206.1
63 93.0 73.6 136.6

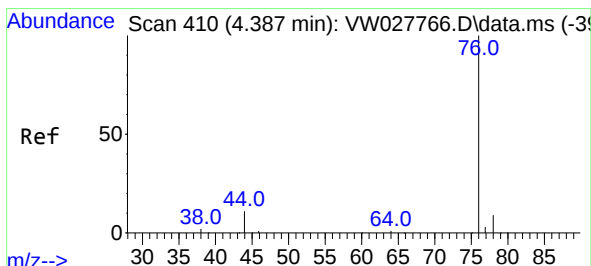
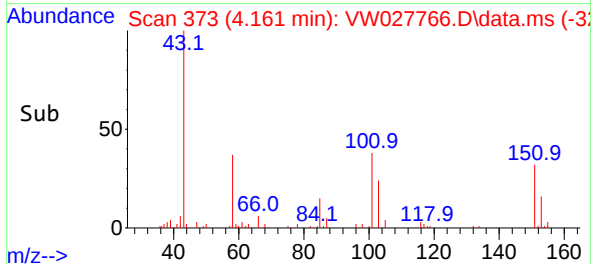
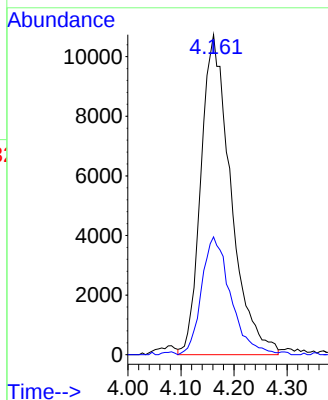
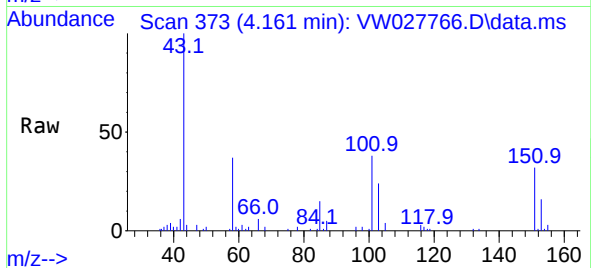




#13
Acetone
Concen: 51.285 ug/L
RT: 4.161 min Scan# 31
Delta R.T. -0.024 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

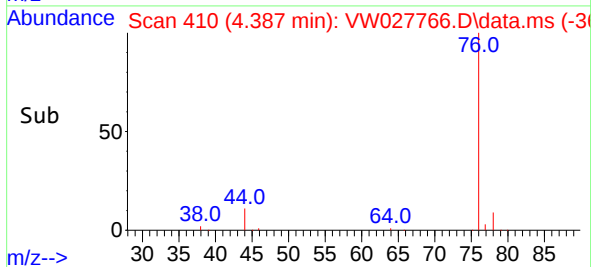
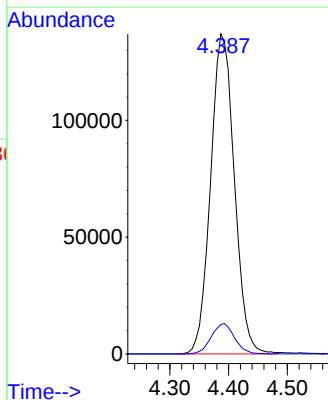
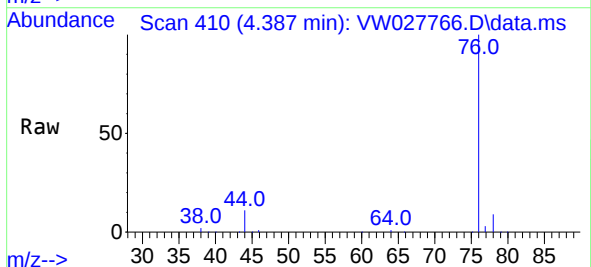
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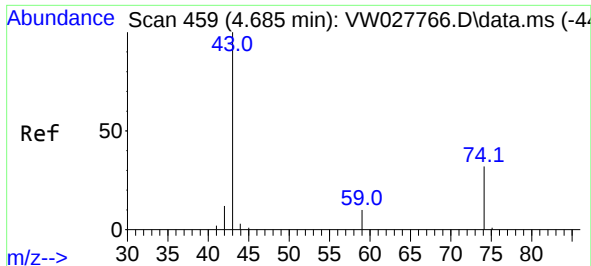
Tgt Ion: 43 Resp: 42016
Ion Ratio Lower Upper
43 100
58 35.8 0.0 68.6



#14
Carbon disulfide
Concen: 25.013 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.006 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

Tgt Ion: 76 Resp: 385204
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

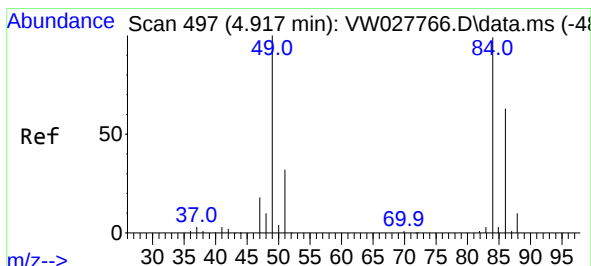
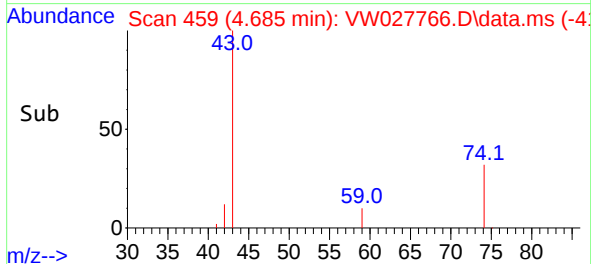
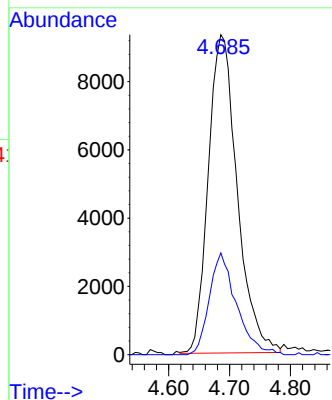
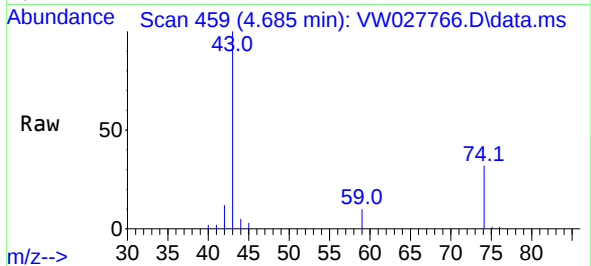




#15
Methyl Acetate
Concen: 20.794 ug/L
RT: 4.685 min Scan# 459
Delta R.T. -0.012 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

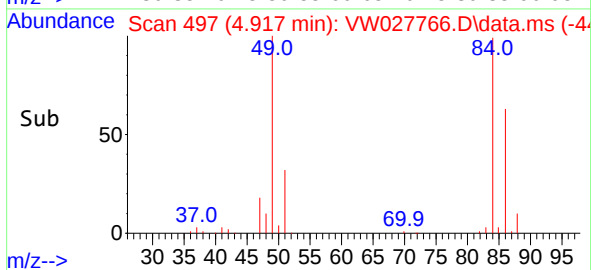
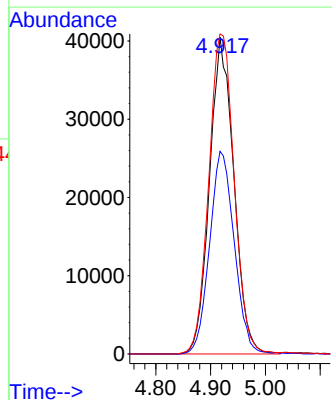
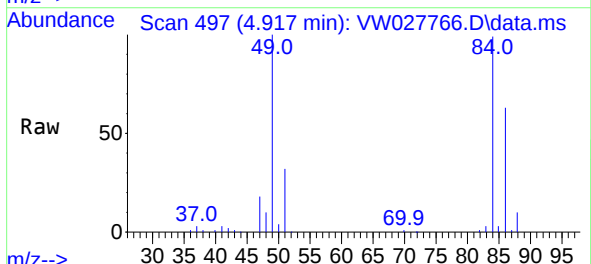
Instrument :
MSVOA_W
ClientSampleId :

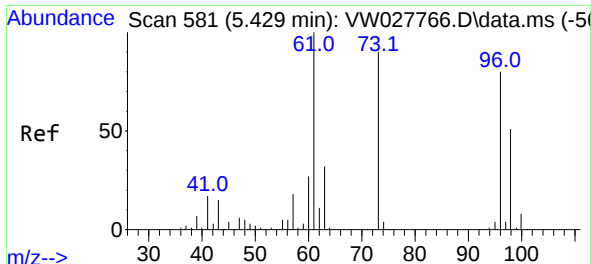
Tgt Ion: 43 Resp: 30778
Ion Ratio Lower Upper
43 100
74 29.7 22.1 33.1



#16
Methylene chloride
Concen: 21.194 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

Tgt Ion: 84 Resp: 124358
Ion Ratio Lower Upper
84 100
86 64.0 45.8 85.2
49 101.0 76.2 141.6





#17

trans-1,2-Dichloroethene

Concen: 26.321 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW027766.D

Acq: 19 Dec 2023 09:16

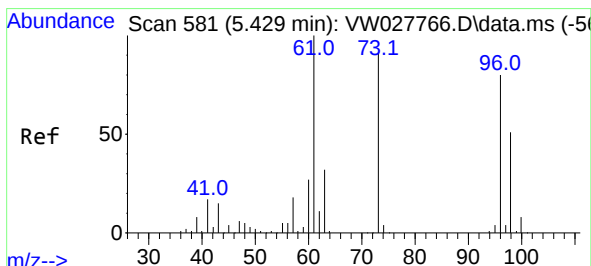
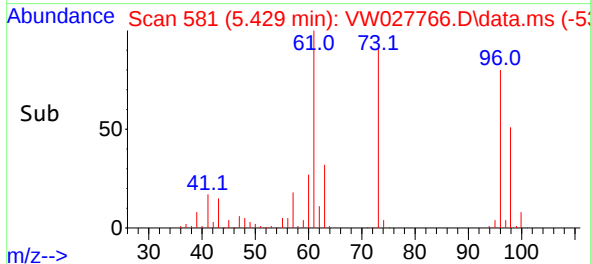
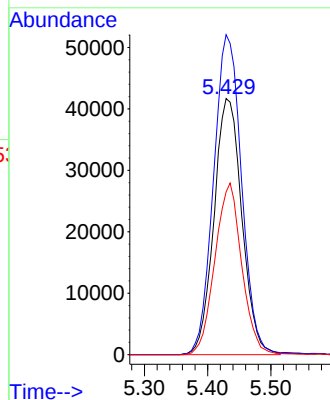
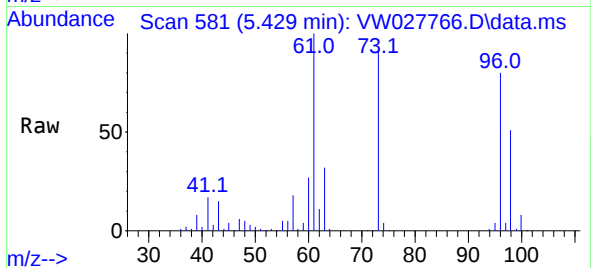
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 96 Resp: 127584

Ion	Ratio	Lower	Upper
96	100		
61	124.9	88.5	164.3
98	63.5	42.9	79.7



#18

Methyl tert-butyl Ether

Concen: 25.330 ug/L

RT: 5.429 min Scan# 581

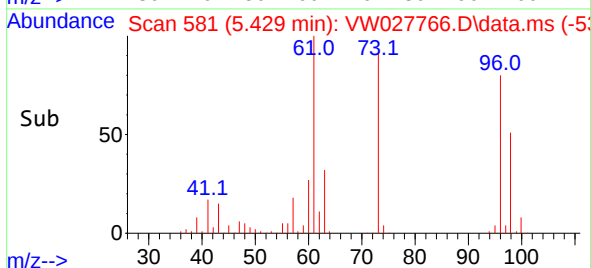
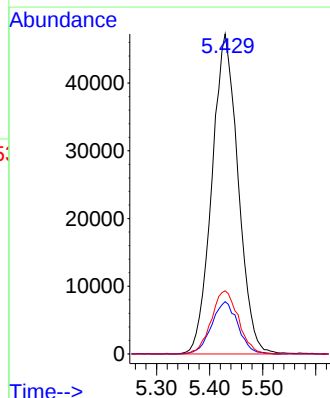
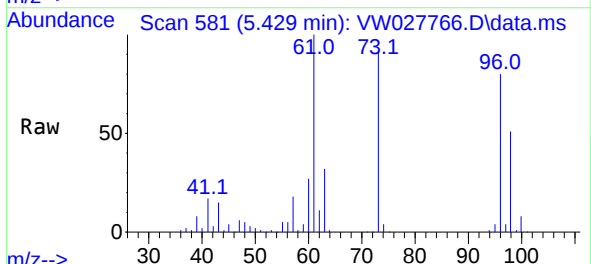
Delta R.T. -0.000 min

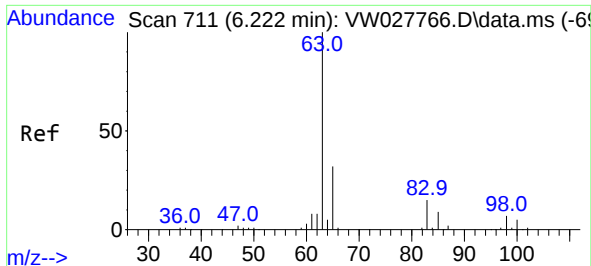
Lab File: VW027766.D

Acq: 19 Dec 2023 09:16

Tgt Ion: 73 Resp: 162334

Ion	Ratio	Lower	Upper
73	100		
43	16.5	13.5	20.3
57	20.4	17.4	26.0





#19

1,1-Dichloroethane

Concen: 25.494 ug/L

RT: 6.222 min Scan# 711

Delta R.T. -0.000 min

Lab File: VW027766.D

Acq: 19 Dec 2023 09:16

Instrument :

MSVOA_W

ClientSampleId :

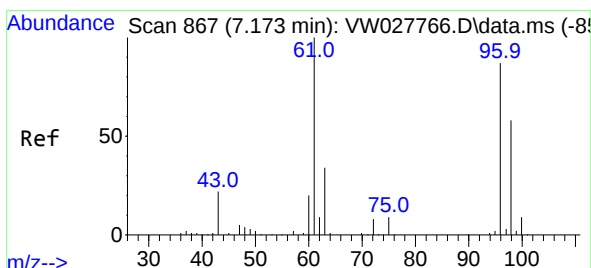
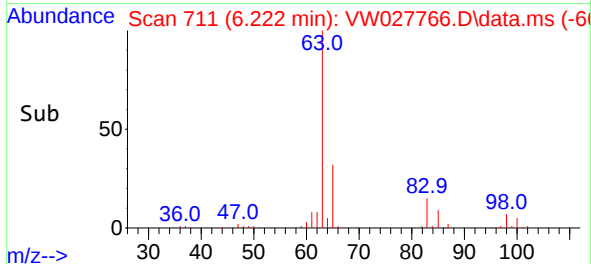
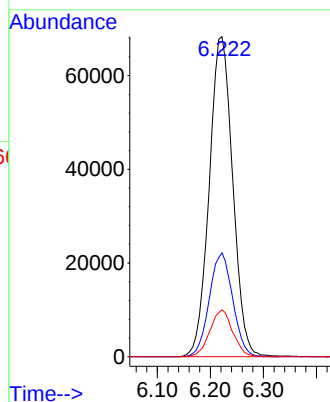
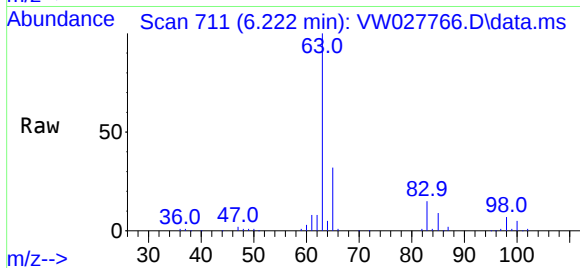
Tgt Ion: 63 Resp: 210141

Ion Ratio Lower Upper

63 100

65 32.5 23.0 42.8

83 14.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 26.635 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW027766.D

Acq: 19 Dec 2023 09:16

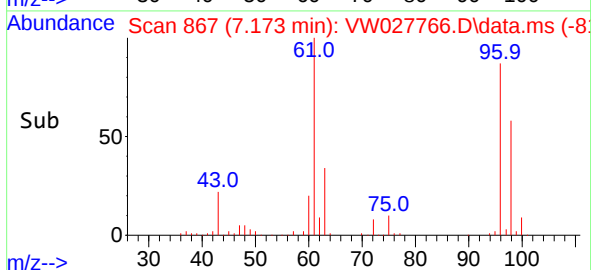
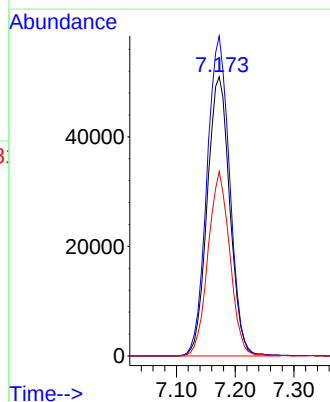
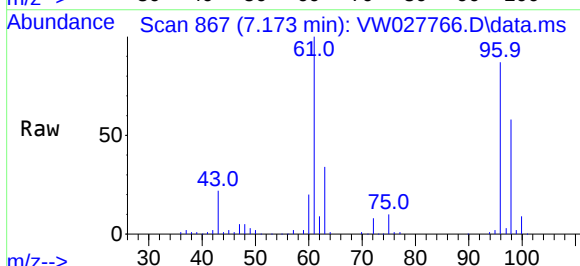
Tgt Ion: 96 Resp: 135908

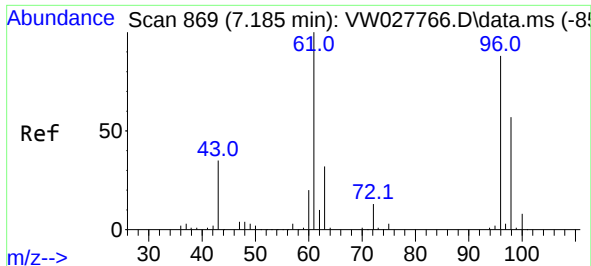
Ion Ratio Lower Upper

96 100

61 114.6 83.5 155.1

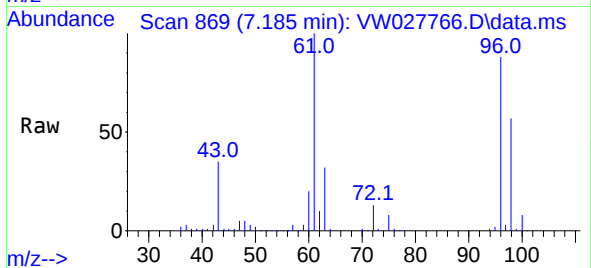
98 66.1 46.5 86.5



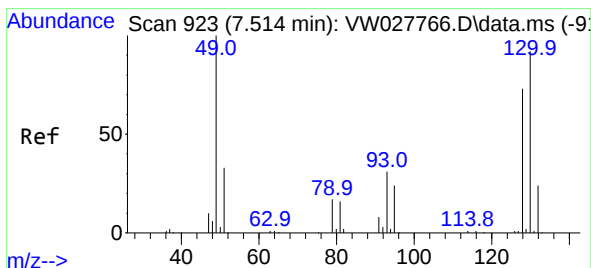
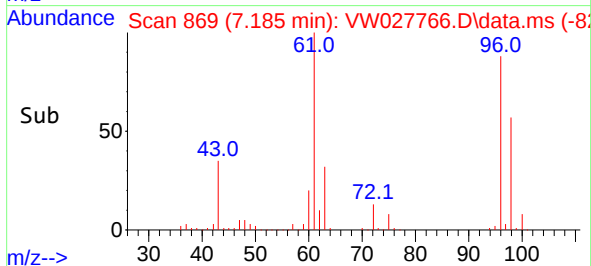
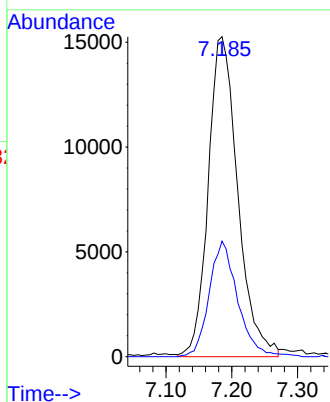


#22
2-Butanone
Concen: 43.853 ug/L
RT: 7.185 min Scan# 869
Delta R.T. -0.012 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

Instrument :
MSVOA_W
ClientSampleId :

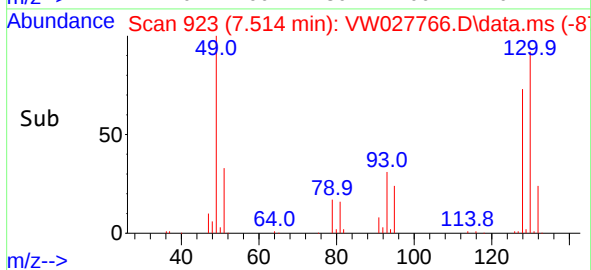
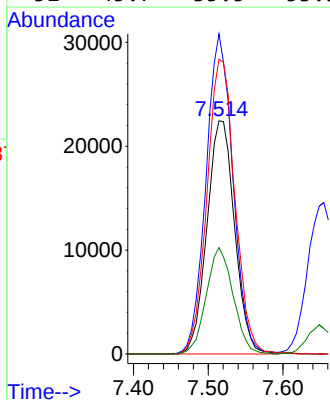
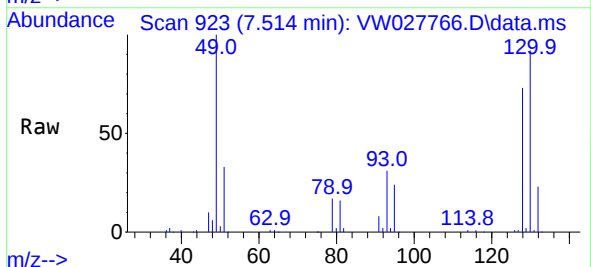


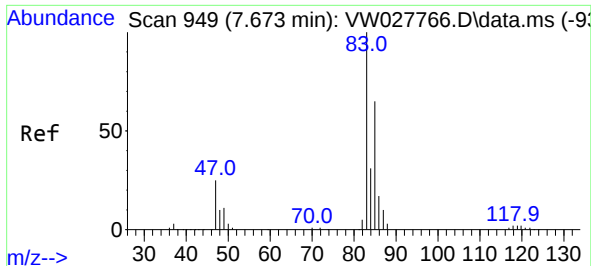
Tgt Ion: 43 Resp: 47709
Ion Ratio Lower Upper
43 100
72 34.8 16.1 48.2



#23
Bromochloromethane
Concen: 26.757 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

Tgt Ion: 128 Resp: 57653
Ion Ratio Lower Upper
128 100
49 137.3 94.1 174.7
130 126.5 86.2 160.0
51 45.7 35.5 53.3

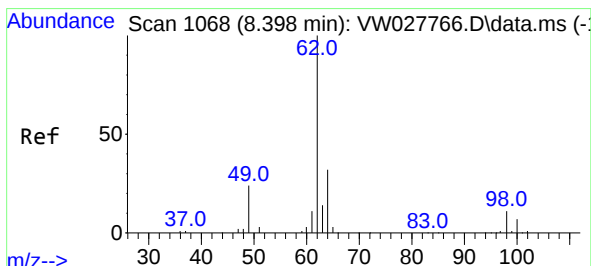
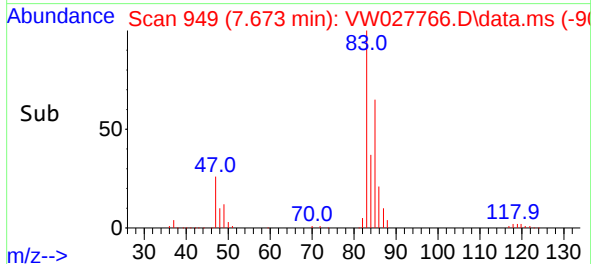
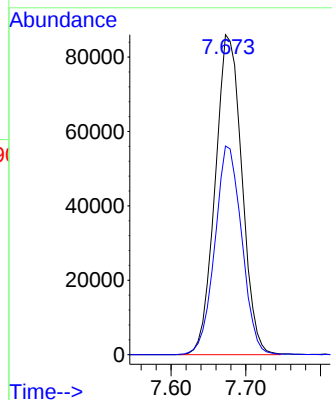
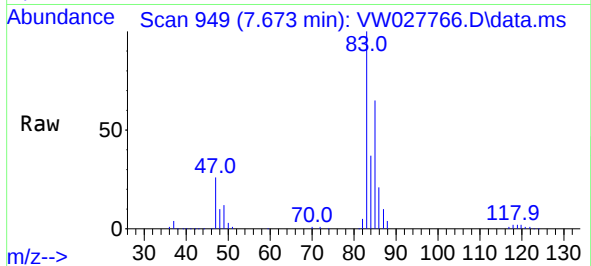




#25
Chloroform
Concen: 26.375 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

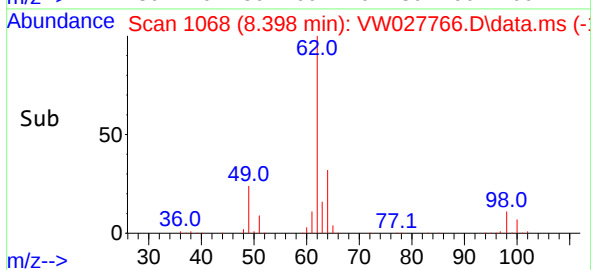
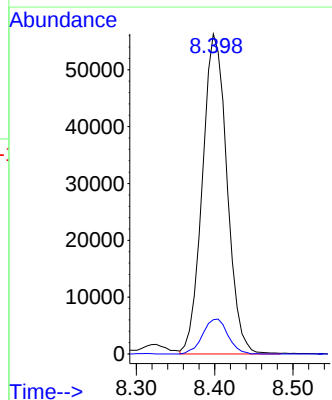
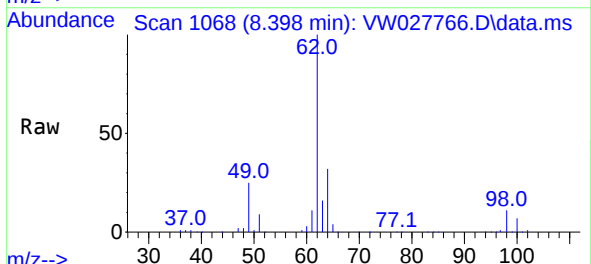
Instrument :
MSVOA_W
ClientSampleId :

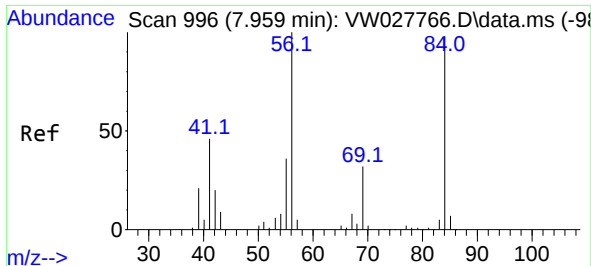
Tgt Ion: 83 Resp: 214108
Ion Ratio Lower Upper
83 100
85 65.2 46.9 87.1



#27
1,2-Dichloroethane
Concen: 25.796 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

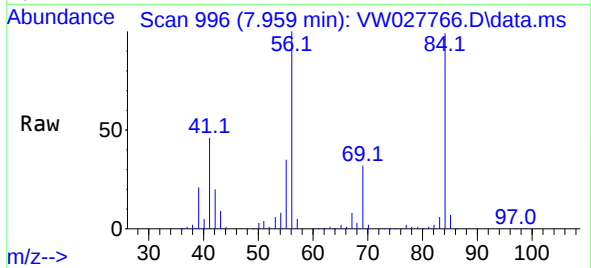
Tgt Ion: 62 Resp: 122772
Ion Ratio Lower Upper
62 100
98 10.7 8.1 12.1



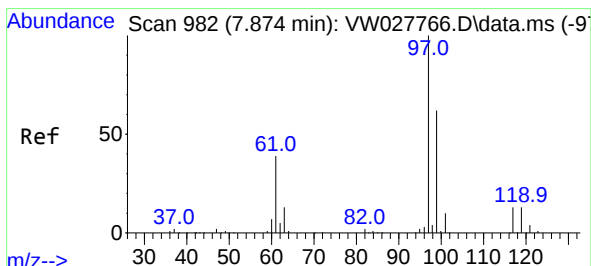
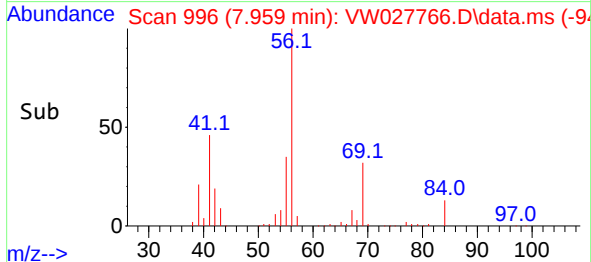
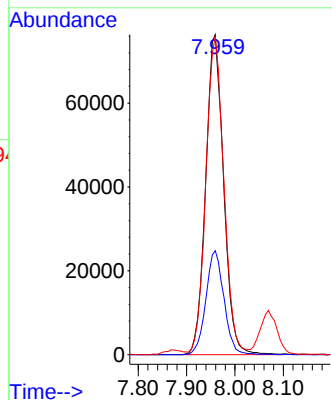


#29
Cyclohexane
Concen: 25.035 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

Instrument :
MSVOA_W
ClientSampleId :

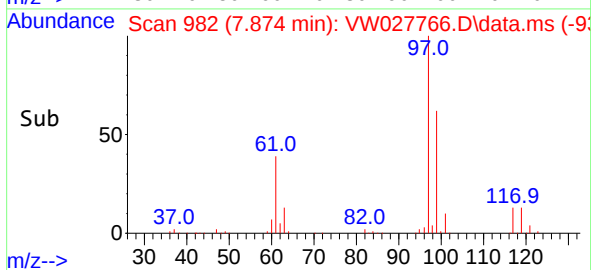
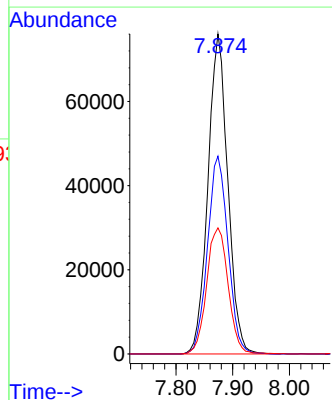
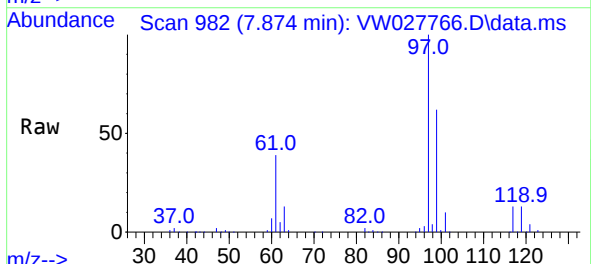


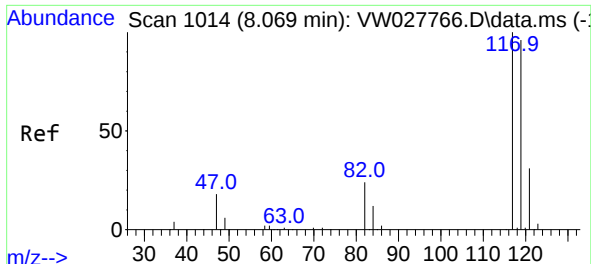
Tgt Ion: 56 Resp: 197030
Ion Ratio Lower Upper
56 100
69 32.6 25.7 38.5
84 100.0 75.6 113.4



#30
1,1,1-Trichloroethane
Concen: 26.612 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

Tgt Ion: 97 Resp: 184904
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 42.7 34.2 51.4

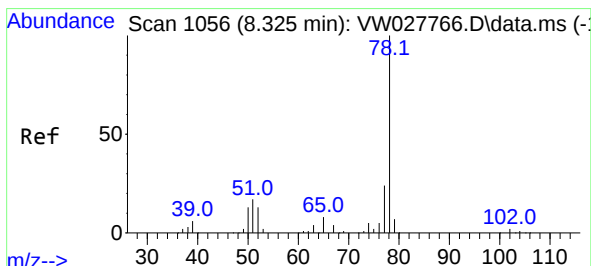
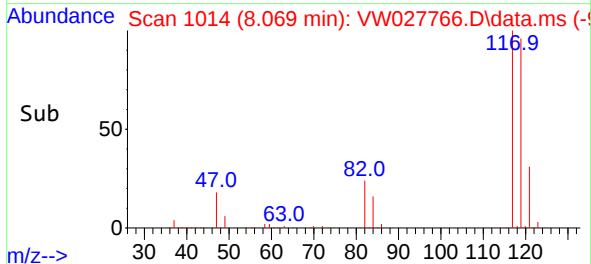
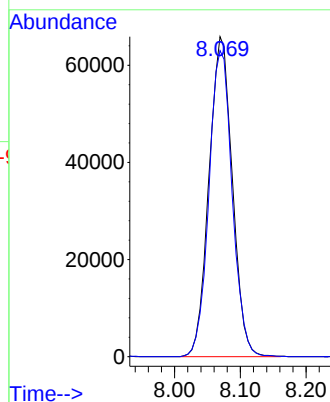
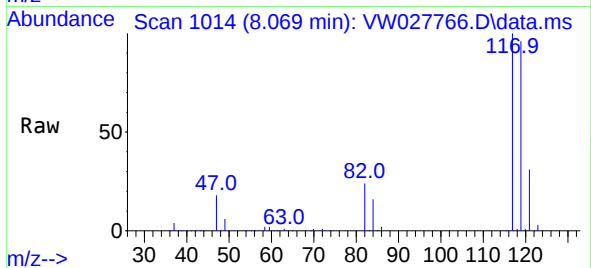




#31
Carbon tetrachloride
Concen: 26.616 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

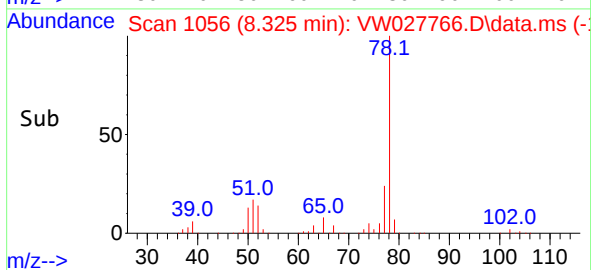
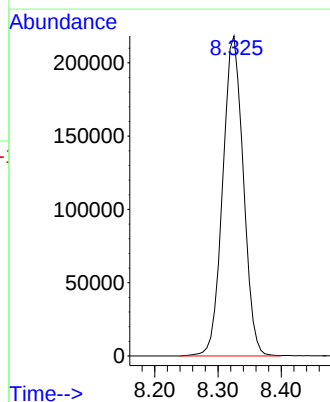
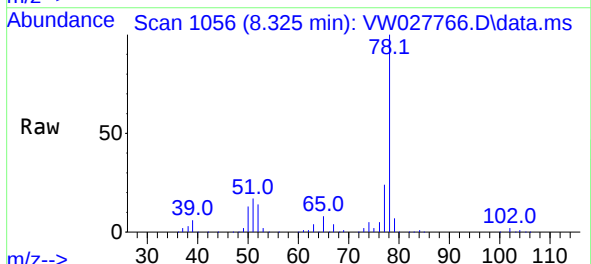
Instrument :
MSVOA_W
ClientSampleId :

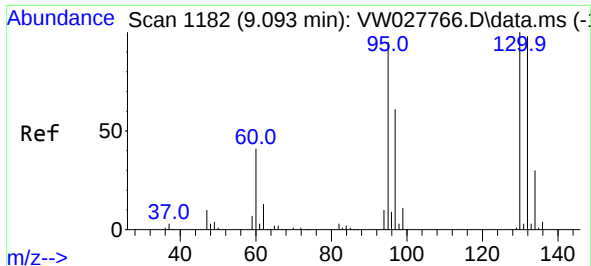
Tgt Ion:117 Resp: 162751
Ion Ratio Lower Upper
117 100
119 95.2 74.6 112.0



#33
Benzene
Concen: 25.604 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

Tgt Ion: 78 Resp: 493699

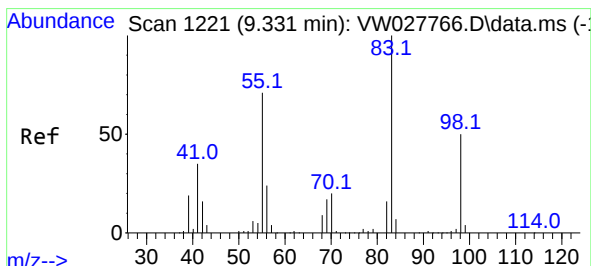
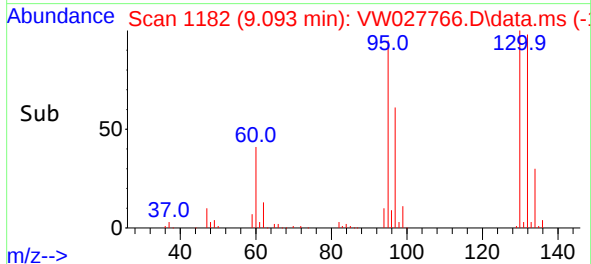
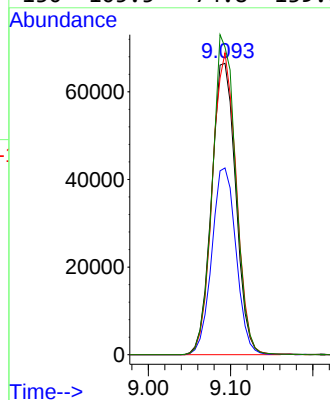
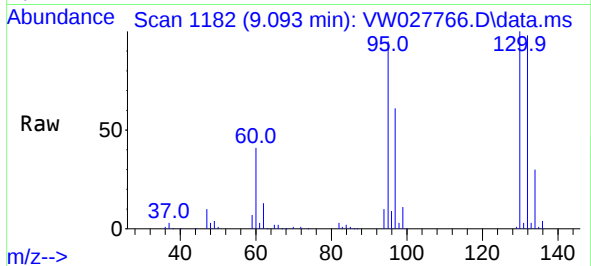




#34
Trichloroethene
Concen: 25.873 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

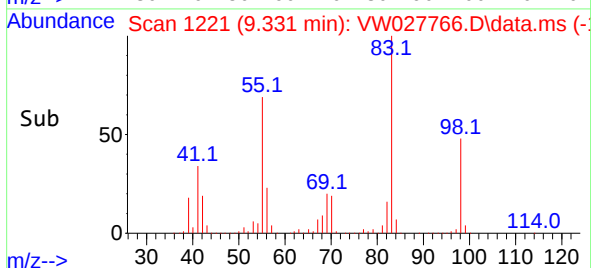
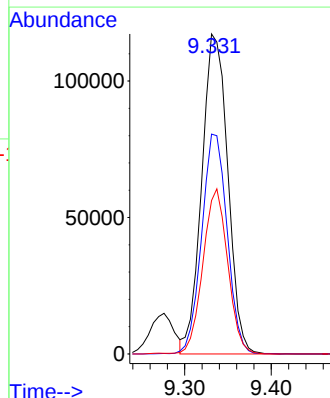
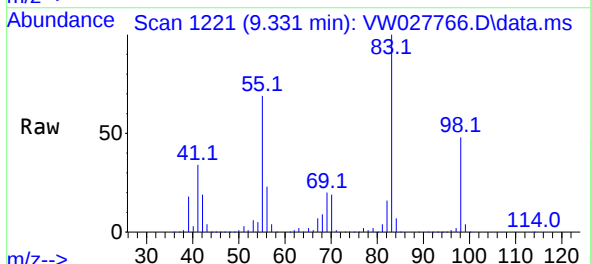
Instrument :
MSVOA_W
ClientSampleId :

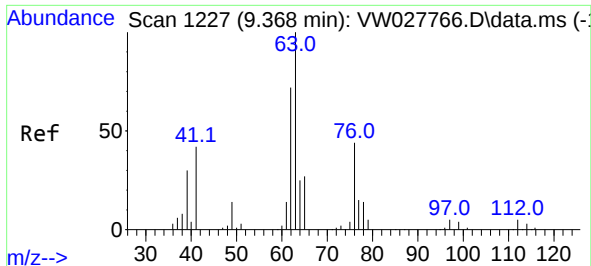
Tgt Ion: 95 Resp: 135992
Ion Ratio Lower Upper
95 100
97 64.1 45.9 85.3
132 103.6 70.4 130.8
130 105.5 74.8 139.0



#35
Methylcyclohexane
Concen: 25.834 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

Tgt Ion: 83 Resp: 244903
Ion Ratio Lower Upper
83 100
55 67.2 55.1 82.7
98 49.2 39.3 58.9





#37

1,2-Dichloropropane

Concen: 25.092 ug/L

RT: 9.368 min Scan# 116793

Delta R.T. -0.000 min

Lab File: VW027766.D

Acq: 19 Dec 2023 09:16

Instrument :

MSVOA_W

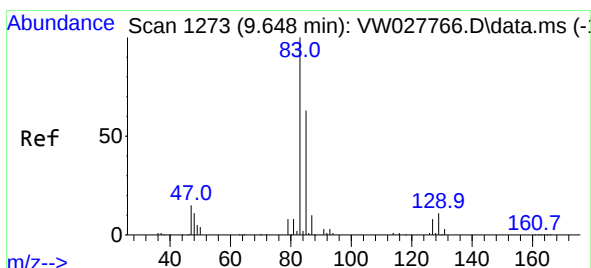
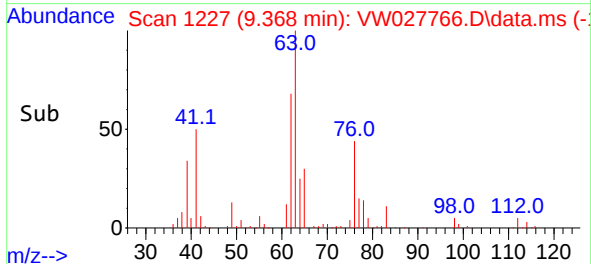
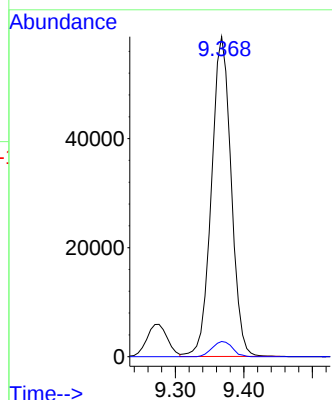
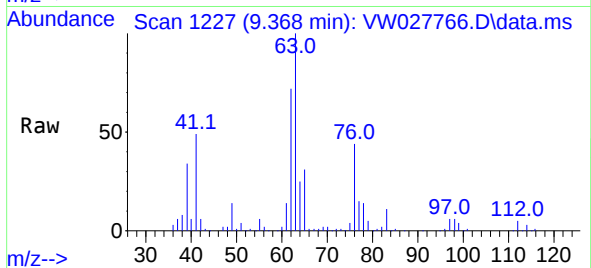
ClientSampleId :

Tgt Ion: 63 Resp: 116793

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 25.640 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW027766.D

Acq: 19 Dec 2023 09:16

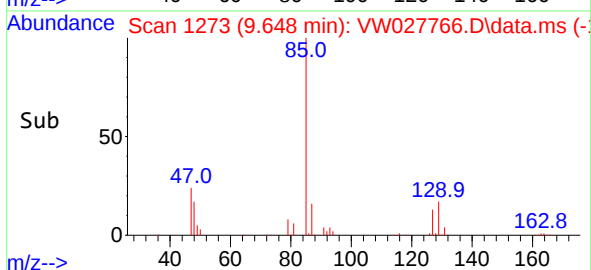
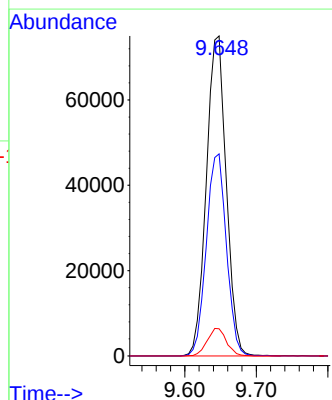
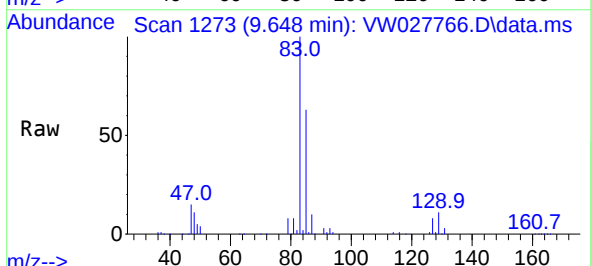
Tgt Ion: 83 Resp: 145061

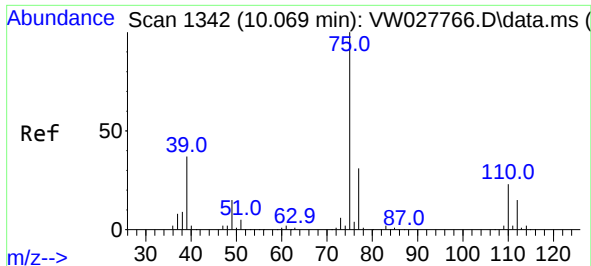
Ion Ratio Lower Upper

83 100

85 63.1 45.3 84.1

127 8.5 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 25.941 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW027766.D

Acq: 19 Dec 2023 09:16

Instrument :

MSVOA_W

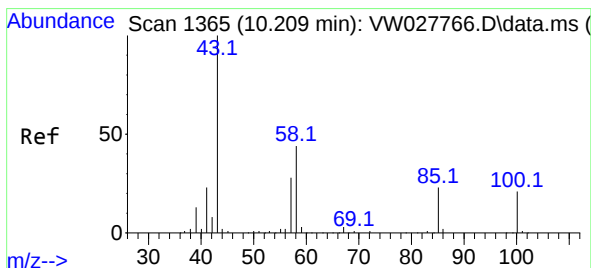
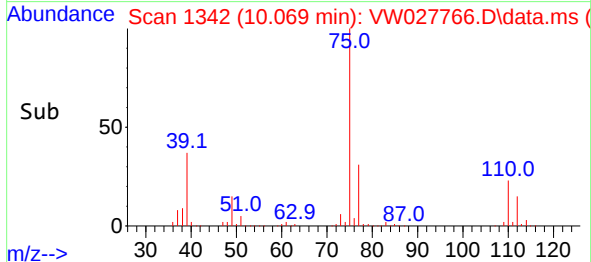
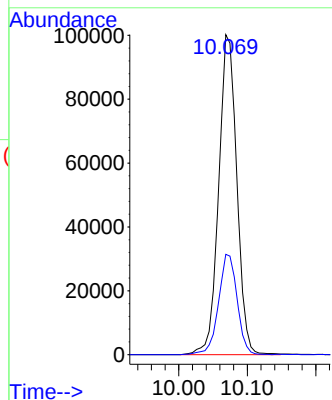
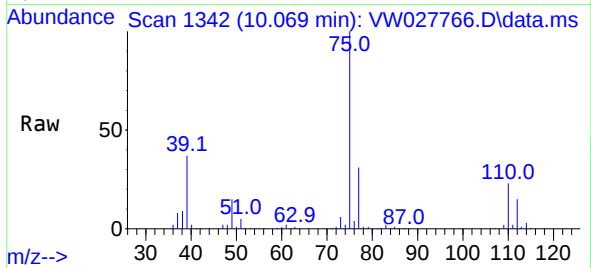
ClientSampleId :

Tgt Ion: 75 Resp: 184036

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 43.112 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027766.D

Acq: 19 Dec 2023 09:16

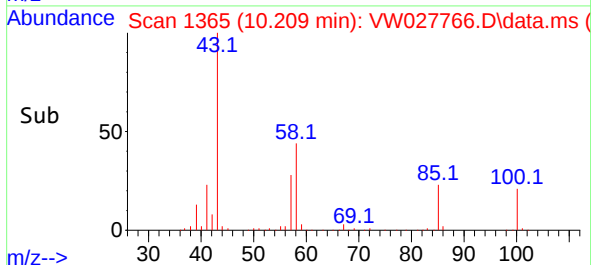
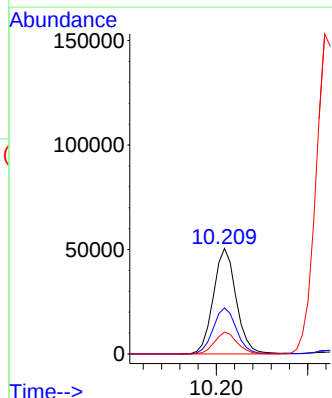
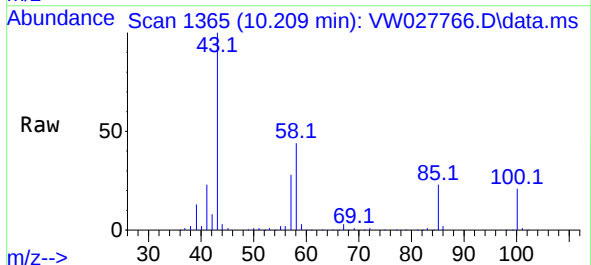
Tgt Ion: 43 Resp: 87706

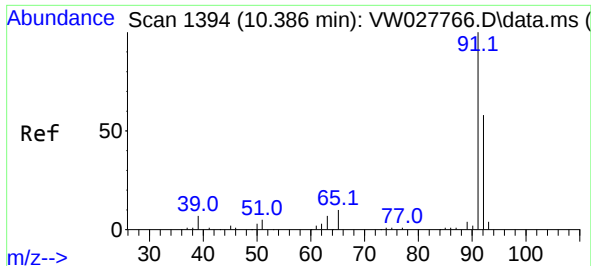
Ion Ratio Lower Upper

43 100

58 44.7 36.1 54.1

100 20.5 15.8 23.8

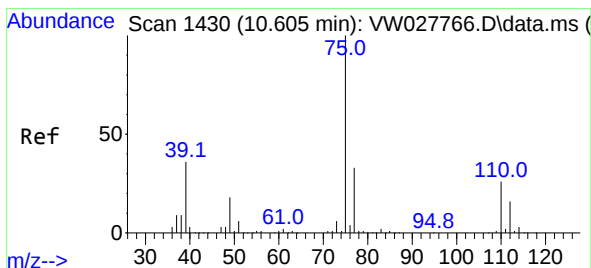
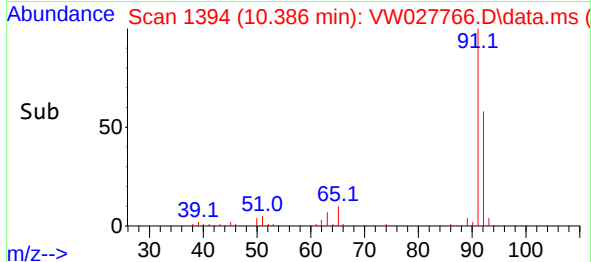
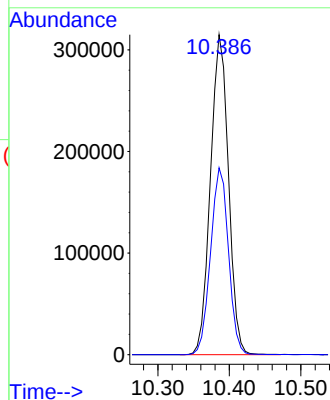
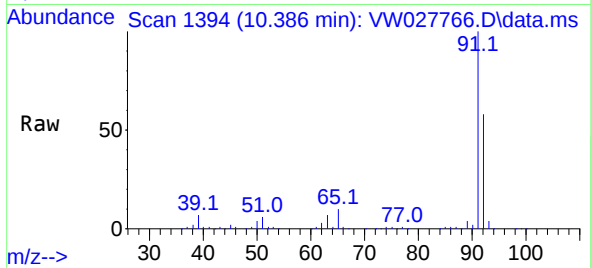




#42
Toluene
Concen: 26.535 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

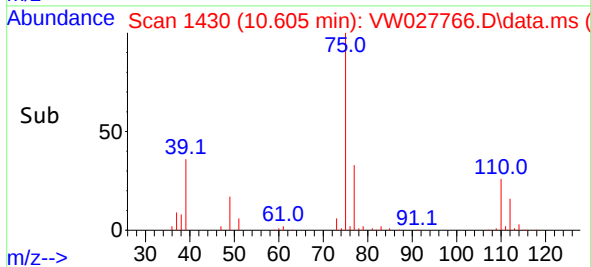
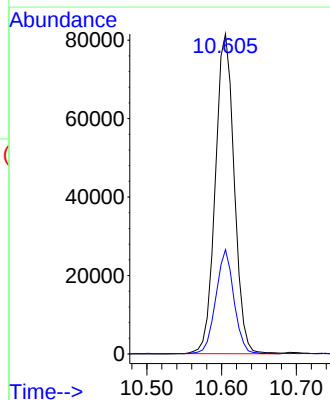
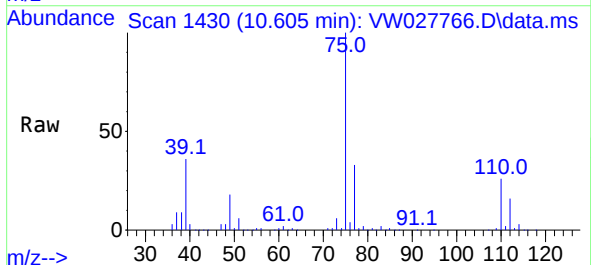
Instrument :
MSVOA_W
ClientSampleId :

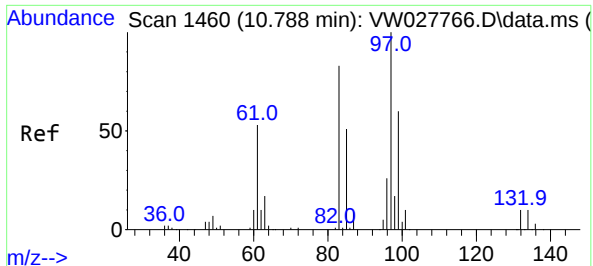
Tgt Ion: 91 Resp: 550537
Ion Ratio Lower Upper
91 100
92 58.4 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 25.623 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

Tgt Ion: 75 Resp: 143151
Ion Ratio Lower Upper
75 100
77 32.6 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 24.355 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW027766.D

Acq: 19 Dec 2023 09:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 83928

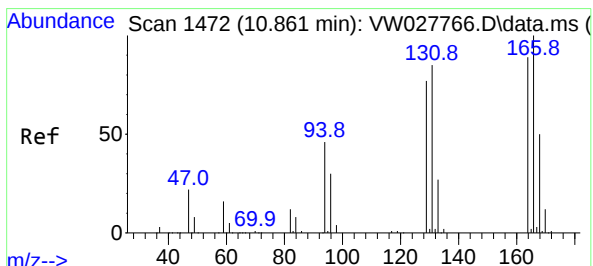
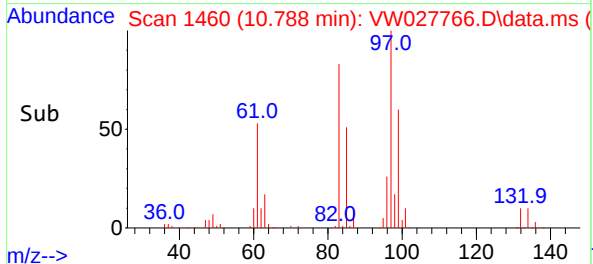
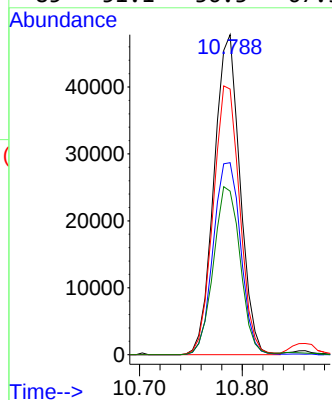
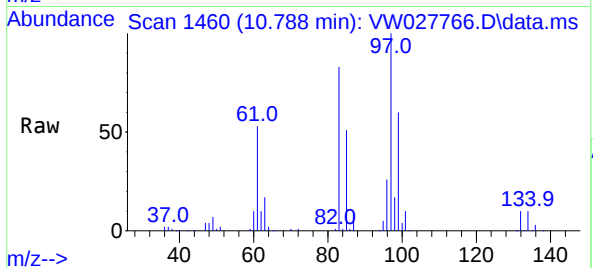
Ion Ratio Lower Upper

97 100

99 60.0 43.4 80.6

83 83.0 59.0 109.6

85 51.1 36.3 67.5



#46

Tetrachloroethene

Concen: 26.544 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027766.D

Acq: 19 Dec 2023 09:16

Tgt Ion:164 Resp: 111405

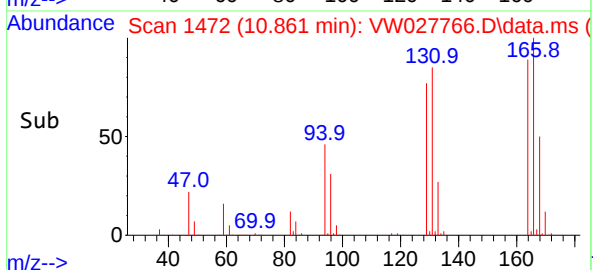
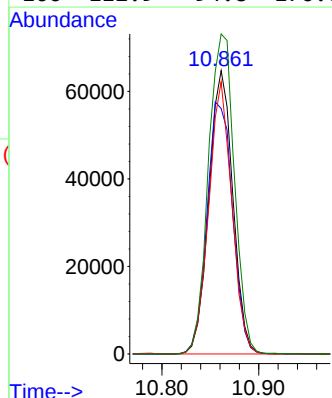
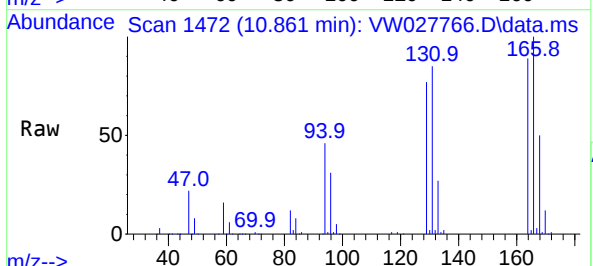
Ion Ratio Lower Upper

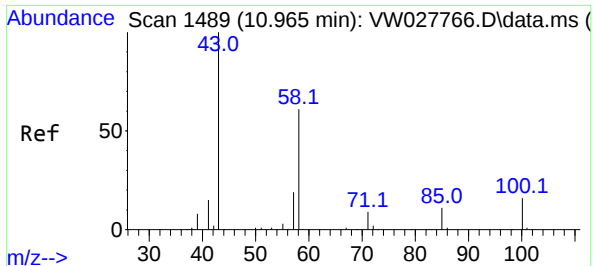
164 100

129 86.6 70.5 130.9

131 96.0 64.8 120.3

166 112.9 94.8 176.0

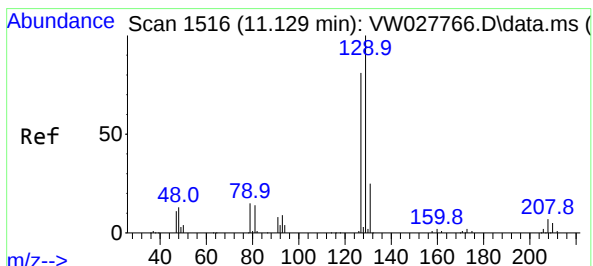
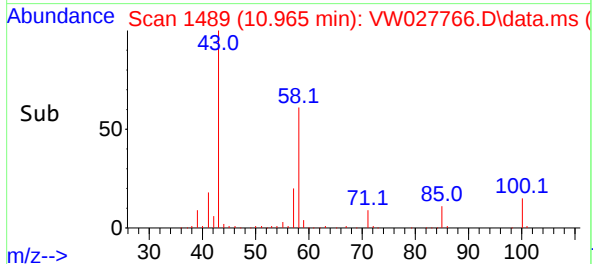
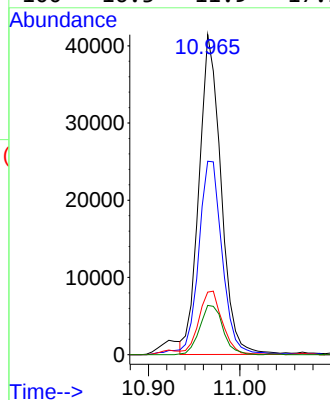
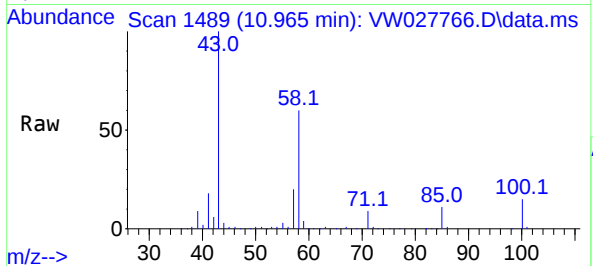




#48
2-Hexanone
Concen: 45.762 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

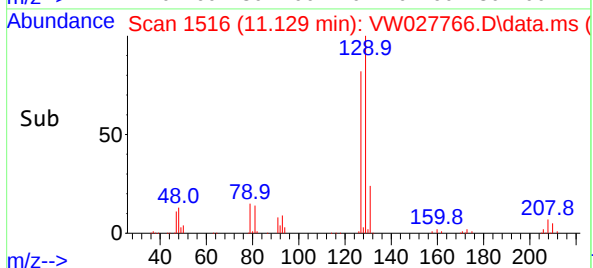
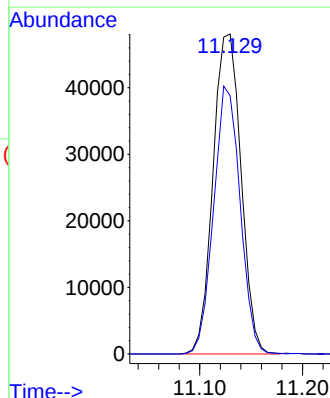
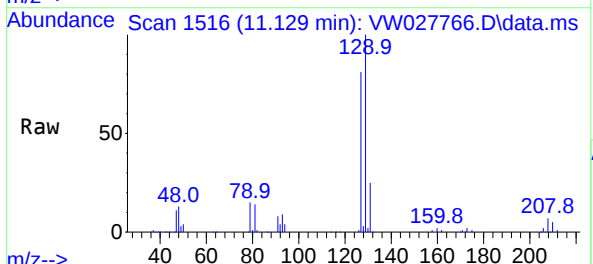
Instrument :
MSVOA_W
ClientSampleId :

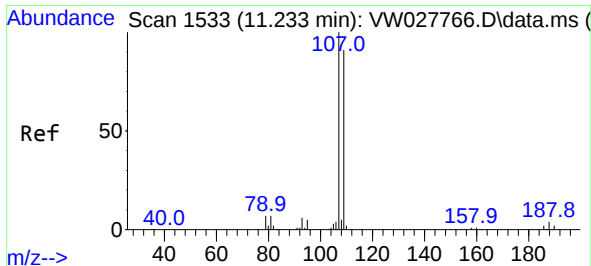
Tgt Ion:	43	Resp:	69295
Ion	Ratio	Lower	Upper
43	100		
58	63.5	50.4	75.6
57	21.3	17.0	25.6
100	16.3	11.9	17.9



#49
Dibromochloromethane
Concen: 25.250 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

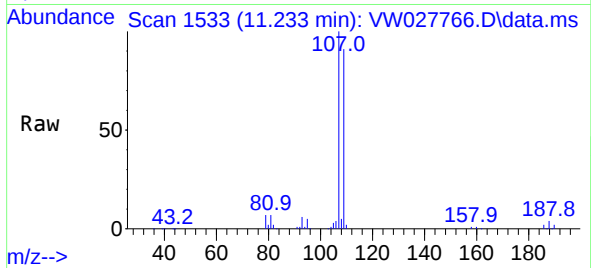
Tgt Ion:	129	Resp:	91006
Ion	Ratio	Lower	Upper
129	100		
127	80.7	55.4	102.8



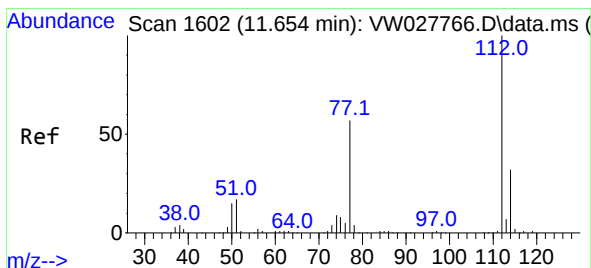
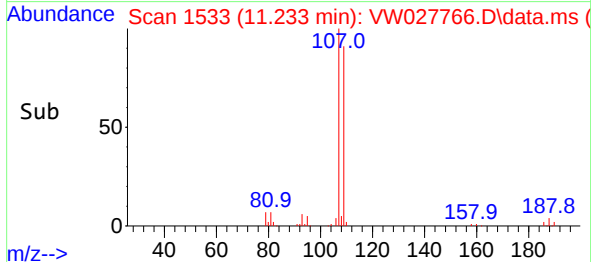
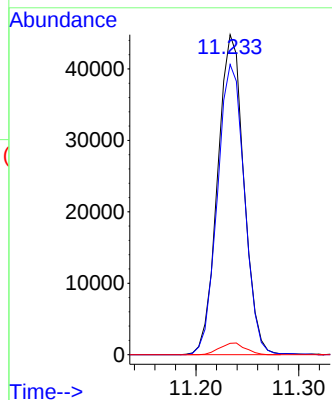


#50
1,2-Dibromoethane
Concen: 24.271 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

Instrument :
MSVOA_W
ClientSampleId :

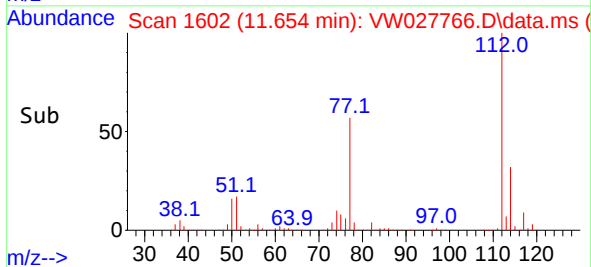
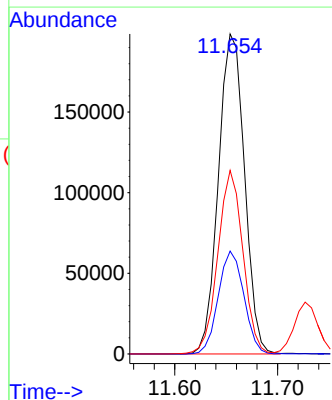
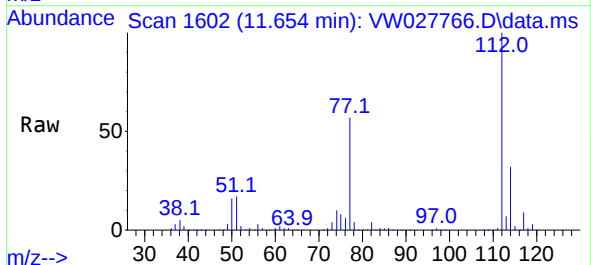


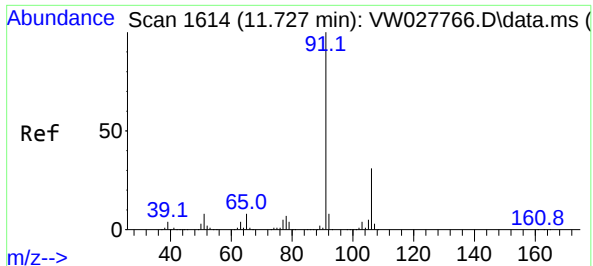
Tgt Ion:107 Resp: 79486
Ion Ratio Lower Upper
107 100
109 90.7 72.1 133.9
188 3.6 3.0 4.4



#51
Chlorobenzene
Concen: 26.412 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

Tgt Ion:112 Resp: 350094
Ion Ratio Lower Upper
112 100
114 32.1 25.0 46.4
77 57.3 48.1 72.1

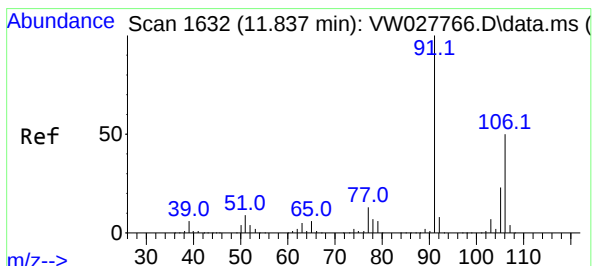
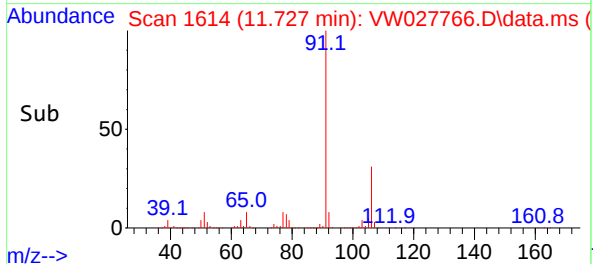
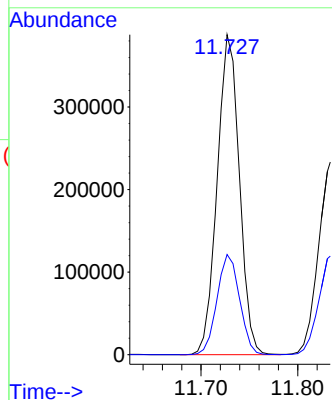
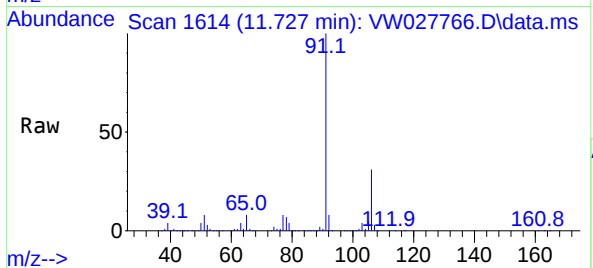




#52
Ethylbenzene
Concen: 26.390 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

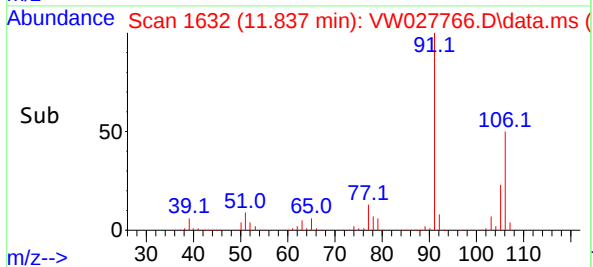
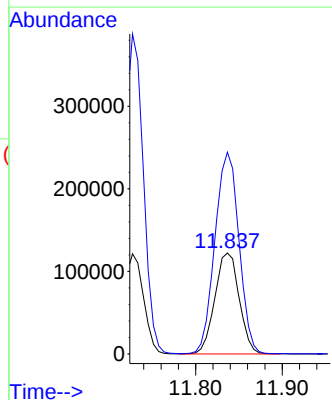
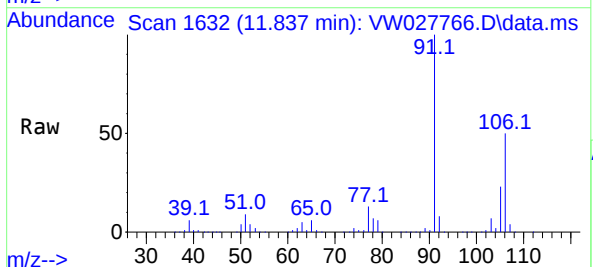
Instrument :
MSVOA_W
ClientSampleId :

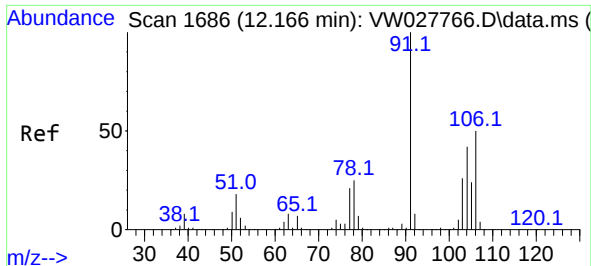
Tgt Ion: 91 Resp: 616976
Ion Ratio Lower Upper
91 100
106 31.3 23.7 44.1



#53
m,p-Xylene
Concen: 26.574 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

Tgt Ion:106 Resp: 238640
Ion Ratio Lower Upper
106 100
91 199.8 135.7 251.9

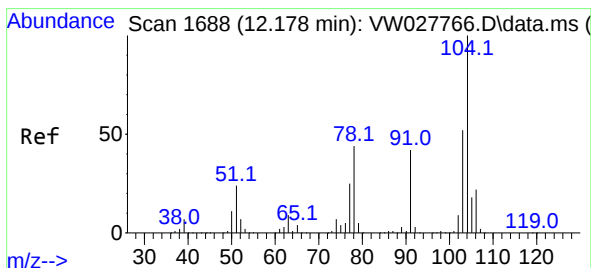
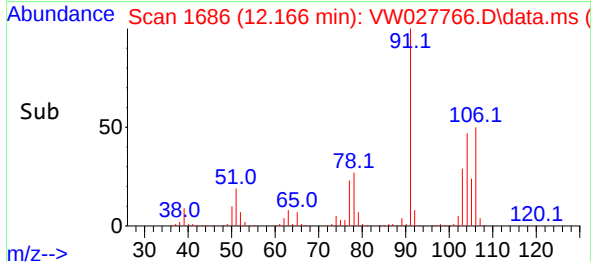
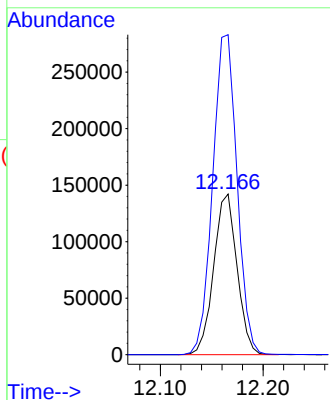
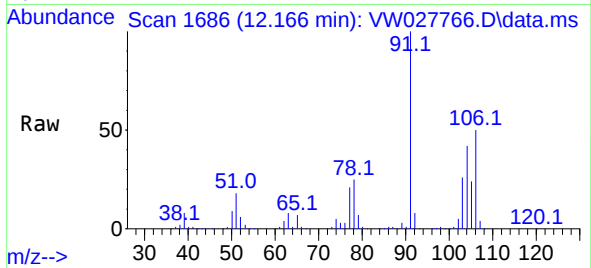




#54
o-Xylene
Concen: 26.778 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

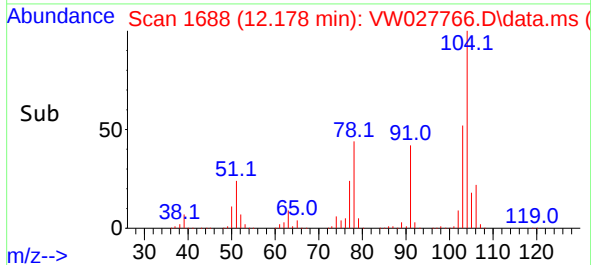
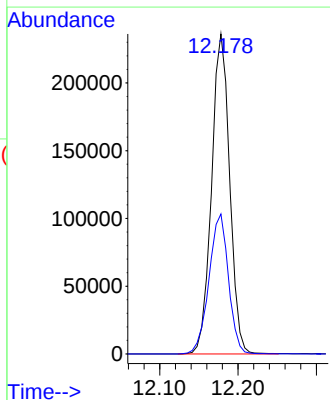
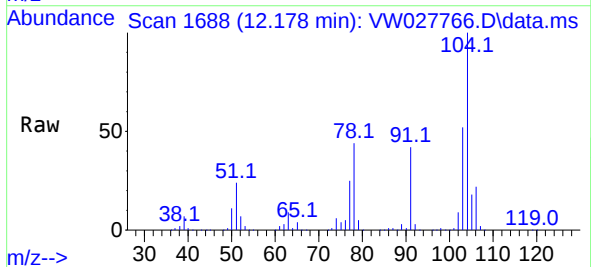
Instrument :
MSVOA_W
ClientSampleId :

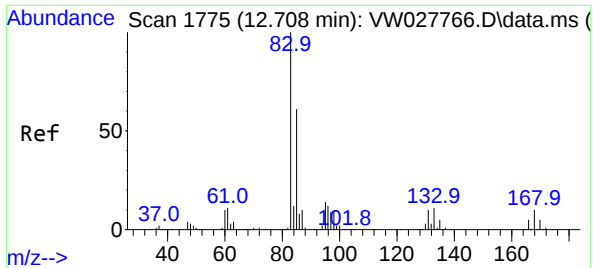
Tgt Ion:106 Resp: 223915
Ion Ratio Lower Upper
106 100
91 199.2 149.9 278.3



#55
Styrene
Concen: 26.920 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

Tgt Ion:104 Resp: 379476
Ion Ratio Lower Upper
104 100
78 43.8 29.6 55.0

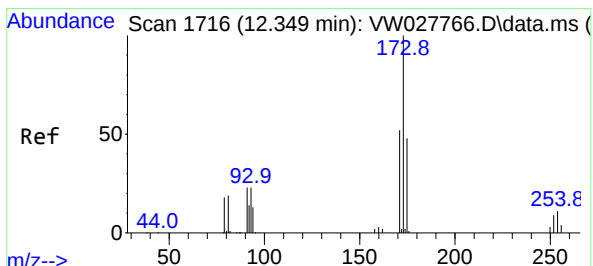
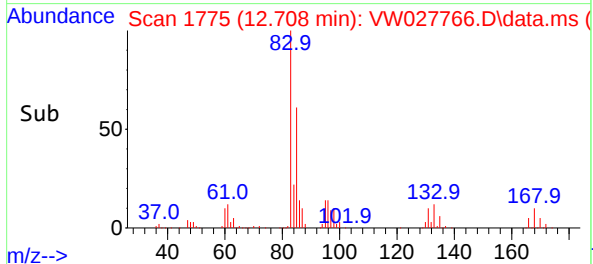
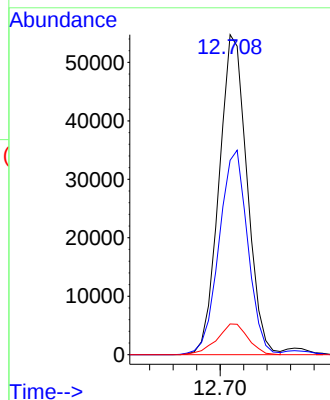
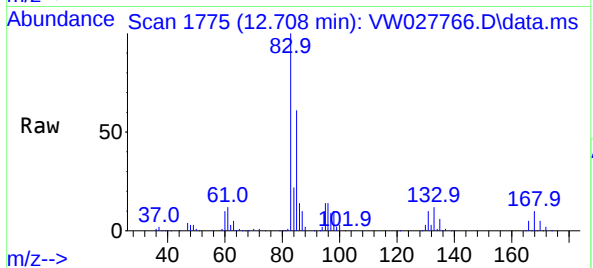




#57
1,1,2,2-Tetrachloroethane
Concen: 23.041 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

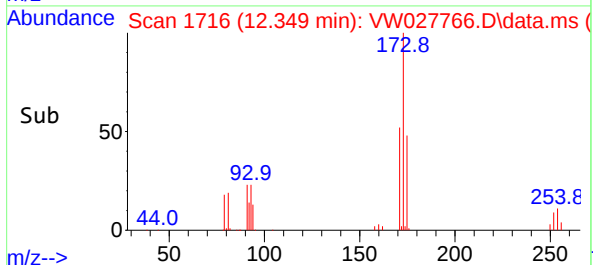
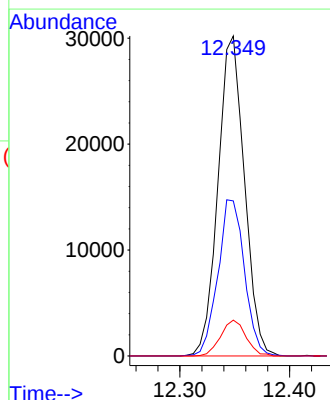
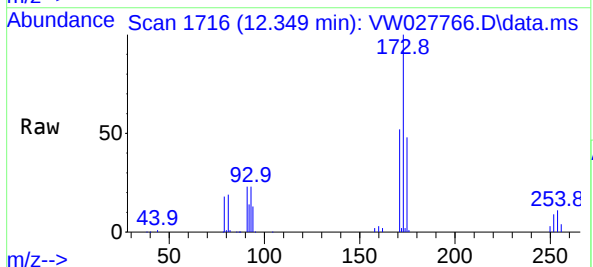
Instrument :
MSVOA_W
ClientSampleId :

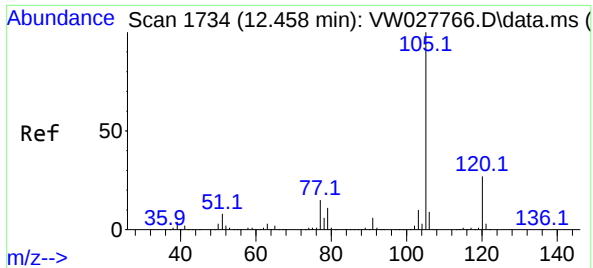
Tgt Ion:	83	Resp:	90510
Ion	Ratio	Lower	Upper
83	100		
85	60.8	45.8	85.2
131	9.6	7.0	10.6



#59
Bromoform
Concen: 24.415 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

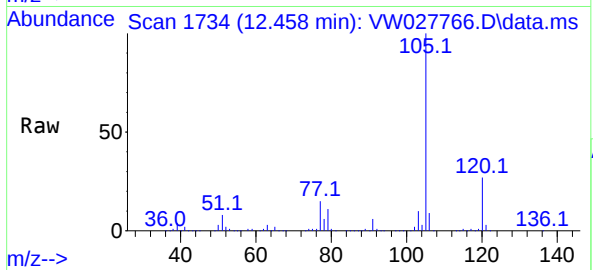
Tgt Ion:	173	Resp:	50616
Ion	Ratio	Lower	Upper
173	100		
175	49.1	36.3	54.5
254	10.7	7.5	11.3



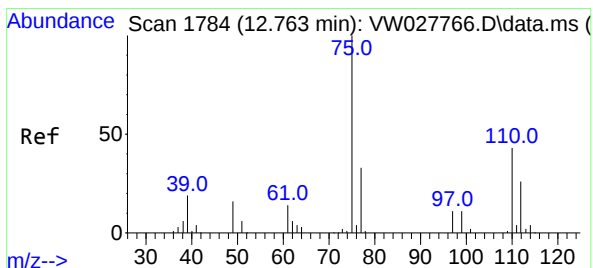
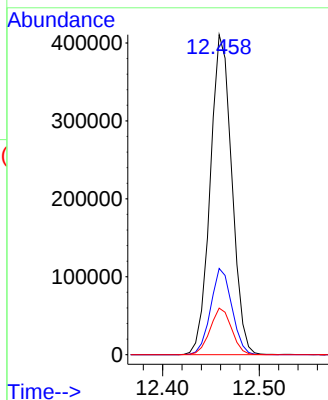
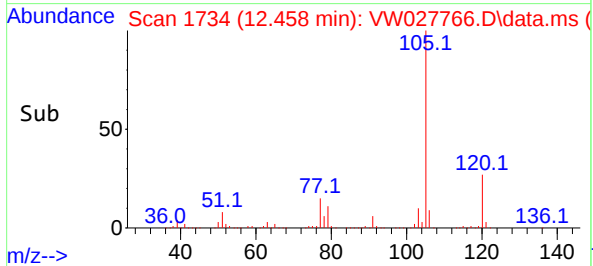


#60
Isopropylbenzene
Concen: 26.618 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

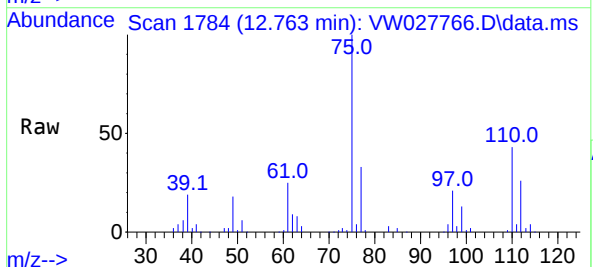
Instrument :
MSVOA_W
ClientSampleId :



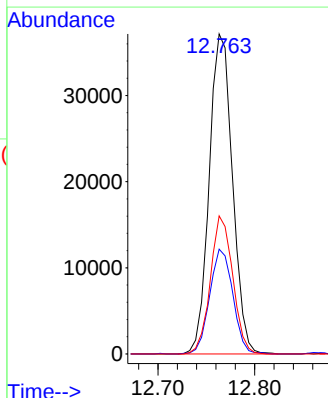
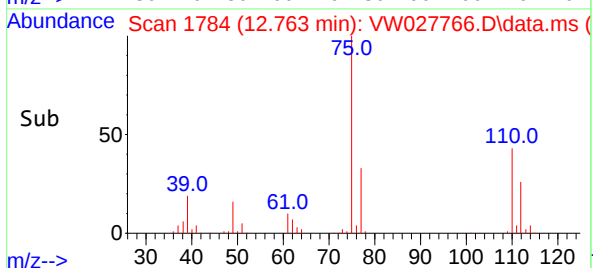
Tgt Ion:105 Resp: 636283
Ion Ratio Lower Upper
105 100
120 26.6 21.0 31.4
77 14.5 12.0 18.0

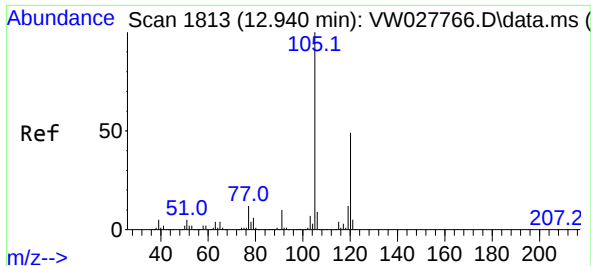


#61
1,2,3-Trichloropropane
Concen: 22.001 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16



Tgt Ion: 75 Resp: 62106
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.4
110 41.5 32.2 48.2





#62

1,3,5-Trimethylbenzene

Concen: 26.987 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW027766.D

Acq: 19 Dec 2023 09:16

Instrument :

MSVOA_W

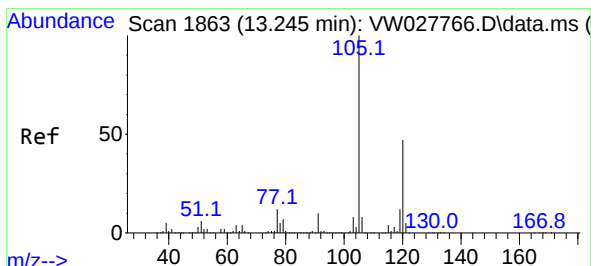
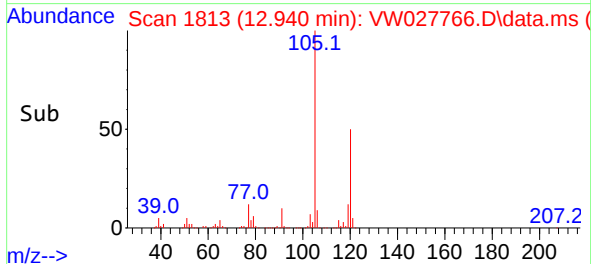
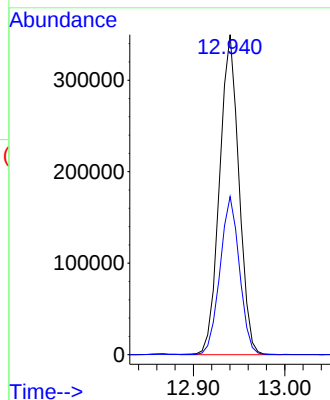
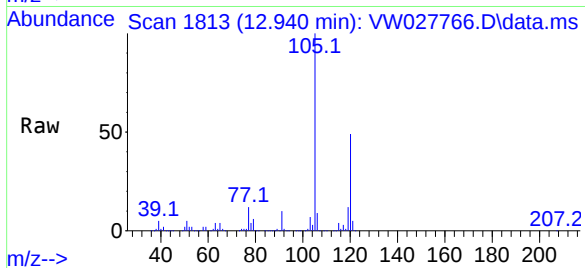
ClientSampleId :

Tgt Ion:105 Resp: 515686

Ion Ratio Lower Upper

105 100

120 49.5 40.0 60.0



#63

1,2,4-Trimethylbenzene

Concen: 26.345 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW027766.D

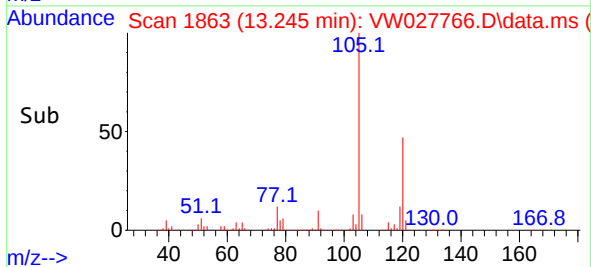
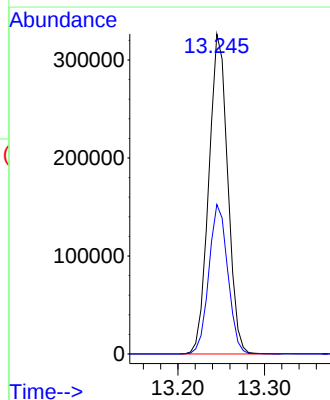
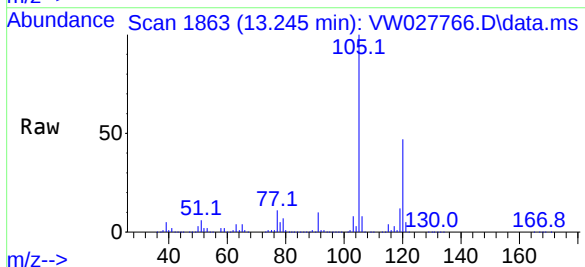
Acq: 19 Dec 2023 09:16

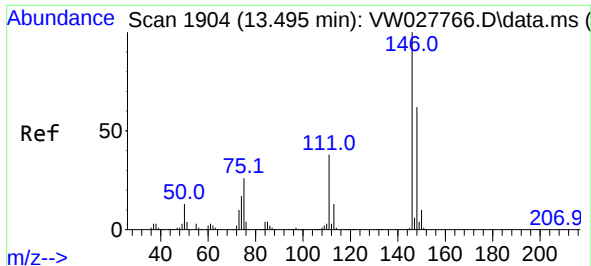
Tgt Ion:105 Resp: 495553

Ion Ratio Lower Upper

105 100

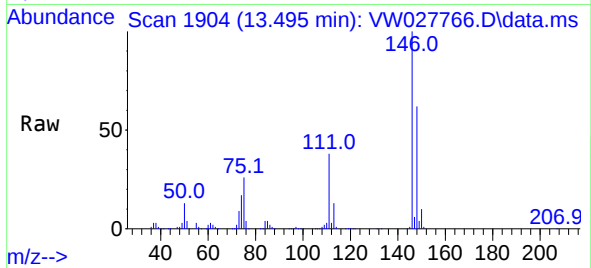
120 46.6 36.4 54.6



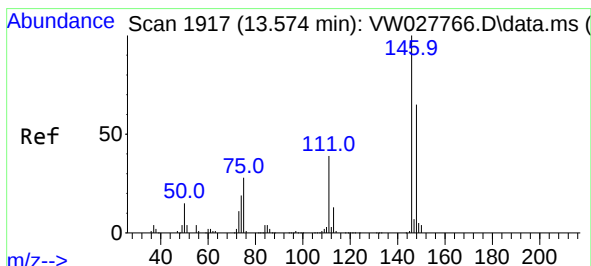
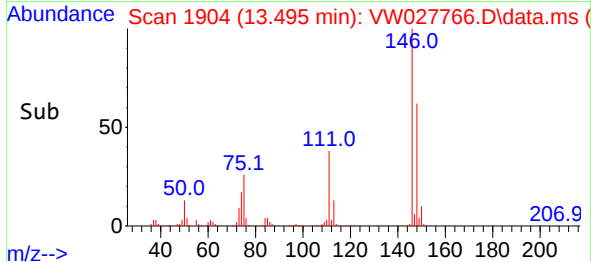
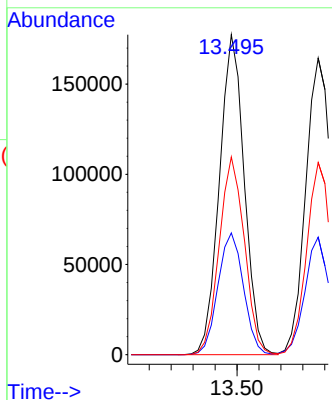


#64
1,3-Dichlorobenzene
Concen: 27.109 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

Instrument :
MSVOA_W
ClientSampleId :

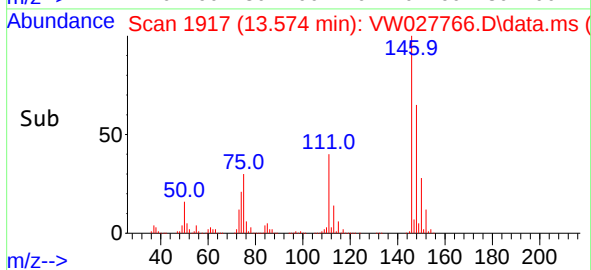
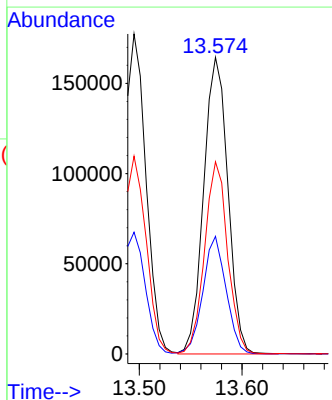
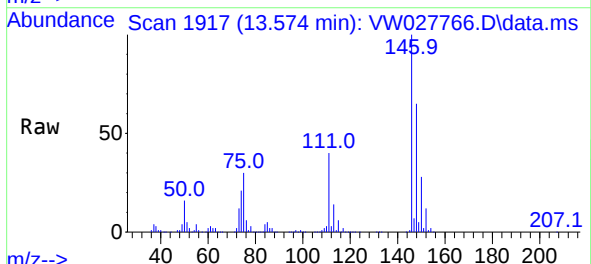


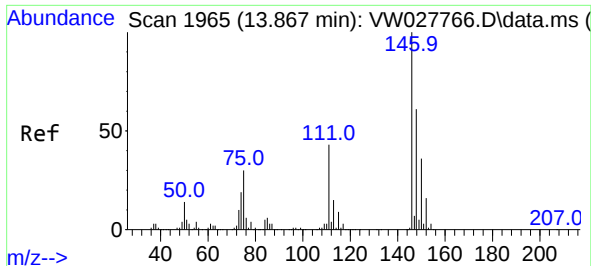
Tgt Ion:146 Resp: 280017
Ion Ratio Lower Upper
146 100
111 38.1 31.1 57.7
148 61.8 52.6 97.8



#65
1,4-Dichlorobenzene
Concen: 25.976 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

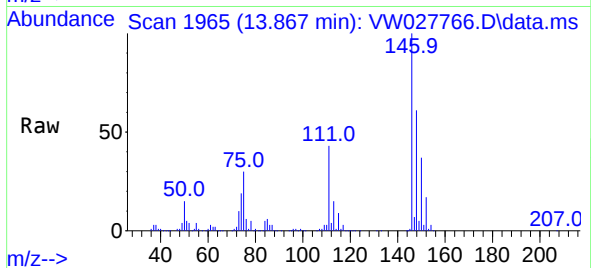
Tgt Ion:146 Resp: 269520
Ion Ratio Lower Upper
146 100
111 39.7 26.2 48.6
148 64.8 46.3 85.9



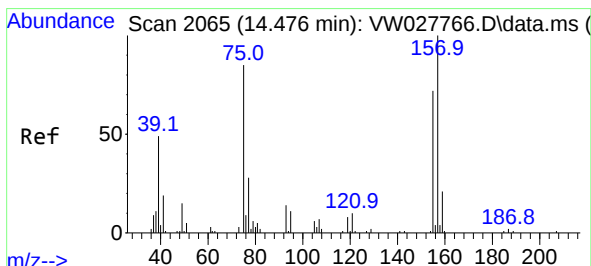
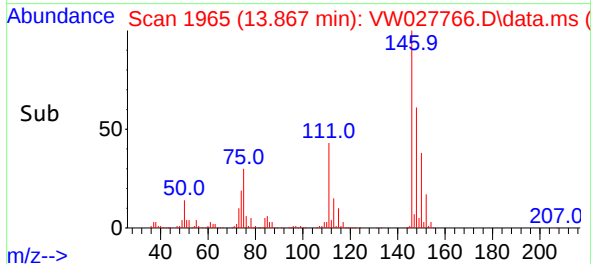
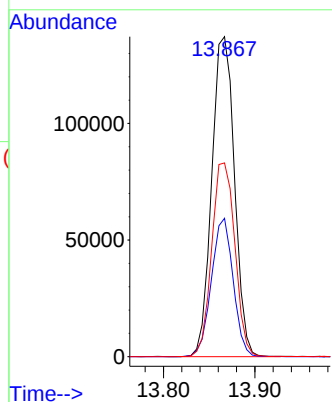


#67
1,2-Dichlorobenzene
Concen: 26.358 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

Instrument :
MSVOA_W
ClientSampleId :

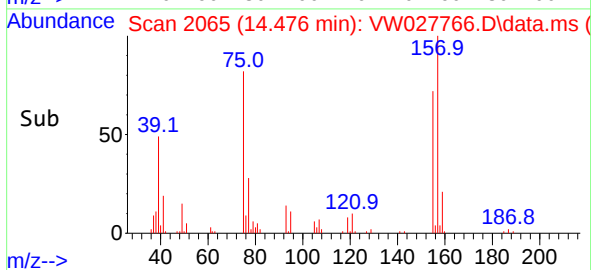
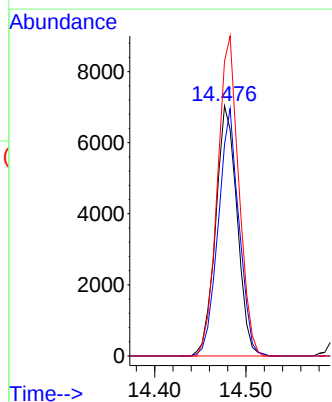
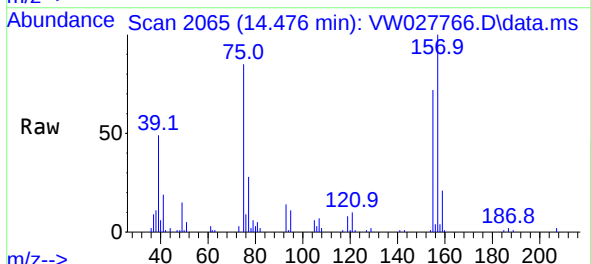


Tgt Ion:146 Resp: 236756
Ion Ratio Lower Upper
146 100
111 43.3 32.1 48.1
148 60.6 53.0 79.4

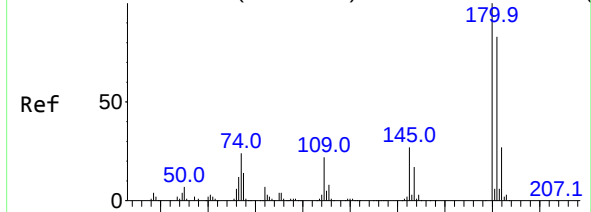


#68
1,2-Dibromo-3-chloropropane
Concen: 20.340 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

Tgt Ion: 75 Resp: 11470
Ion Ratio Lower Upper
75 100
155 84.6 59.8 89.6
157 117.9 87.5 131.3

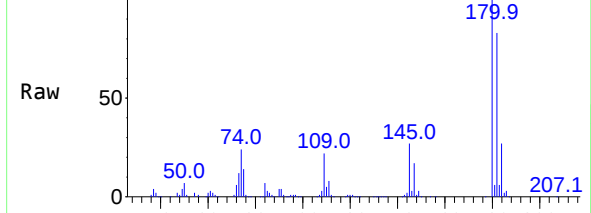


Abundance Scan 2089 (14.623 min): VW027766.D\data.ms (



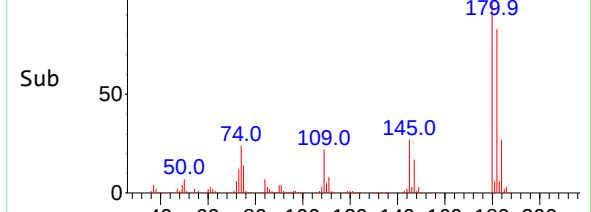
m/z-->

Abundance Scan 2089 (14.623 min): VW027766.D\data.ms



m/z-->

Abundance Scan 2089 (14.623 min): VW027766.D\data.ms (



m/z-->

#69

1,3,5-Trichlorobenzene

Concen: 26.852 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW027766.D

Acq: 19 Dec 2023 09:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 192997

Ion Ratio Lower Upper

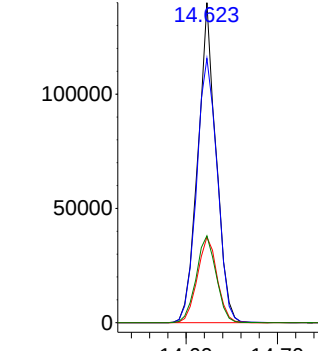
180 100

182 93.6 72.6 109.0

184 29.0 23.0 34.6

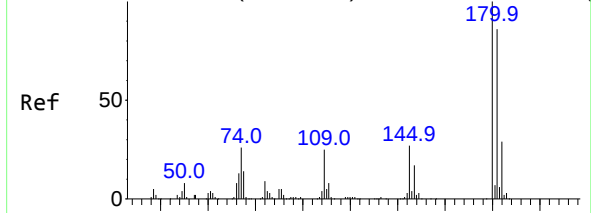
145 29.8 23.0 34.6

Abundance



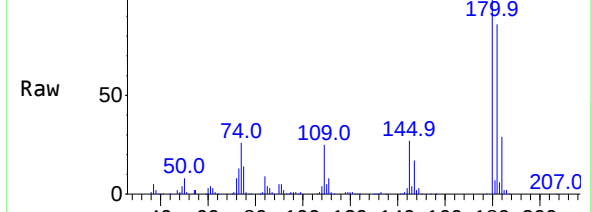
Time-->

Abundance Scan 2171 (15.123 min): VW027766.D\data.ms (



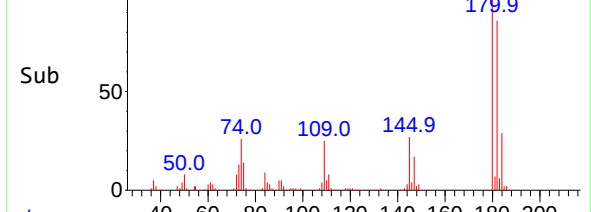
m/z-->

Abundance Scan 2171 (15.123 min): VW027766.D\data.ms



m/z-->

Abundance Scan 2171 (15.123 min): VW027766.D\data.ms (



m/z-->

#70

1,2,4-trichlorobenzene

Concen: 26.490 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW027766.D

Acq: 19 Dec 2023 09:16

Tgt Ion:180 Resp: 156355

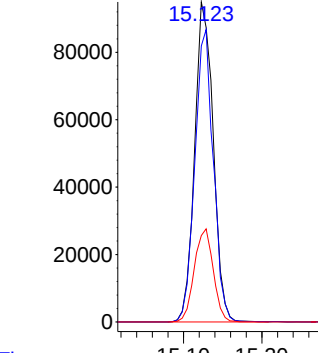
Ion Ratio Lower Upper

180 100

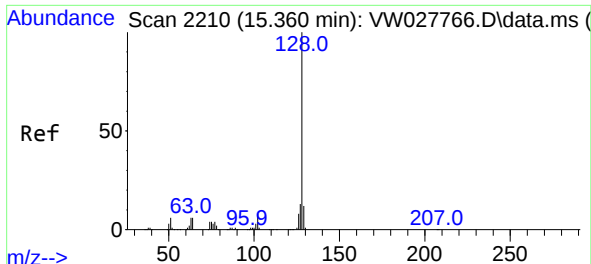
182 90.9 69.7 104.5

145 29.7 24.1 36.1

Abundance



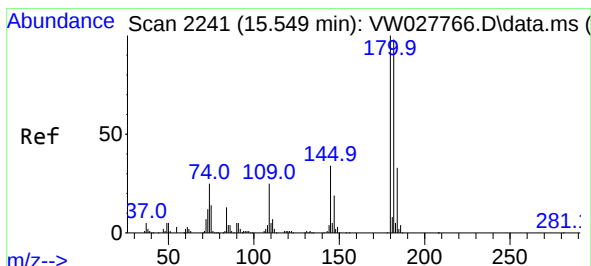
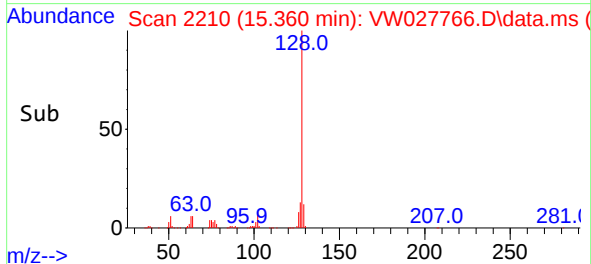
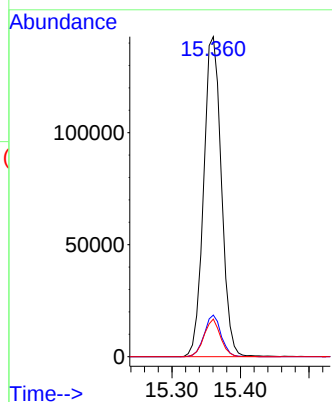
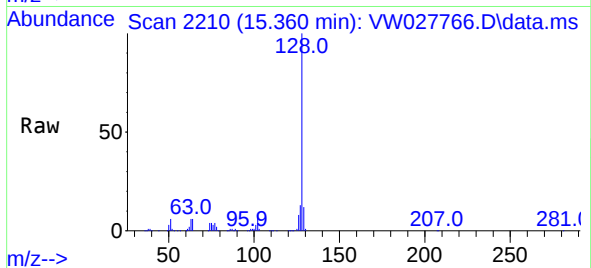
Time-->



#71
Naphthalene
Concen: 24.544 ug/L
RT: 15.360 min Scan# 211
Delta R.T. 0.006 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 256722
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 11.0 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 26.580 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027766.D
Acq: 19 Dec 2023 09:16

Tgt Ion:180 Resp: 131171
Ion Ratio Lower Upper
180 100
182 96.3 75.5 113.3
145 33.4 25.0 37.6

