

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
 Data File : VW026762.D
 Acq On : 18 Aug 2023 09:18
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 18 23:37:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 18 01:33:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	421154	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	407261	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	241066	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	132119	19.083	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.320%
7) Chloroethane-d5	2.893	69	115626	22.460	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.840%
11) 1,1-Dichloroethene-d2	4.027	65	77783	22.843	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.360%
21) 2-Butanone-d5	7.075	46	90599	45.530	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.060%
24) Chloroform-d	7.648	84	399264	28.246	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.000%
26) 1,2-Dichloroethane-d4	8.307	65	218613	28.025	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.120%
32) Benzene-d6	8.276	84	766392	27.305	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.200%
36) 1,2-Dichloropropane-d6	9.276	67	234651	26.839	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.360%
41) Toluene-d8	10.325	98	683355	28.362	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.440%
43) trans-1,3-Dichloroprop...	10.574	79	99614	27.595	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.400%
47) 2-Hexanone-d5	10.922	63	49154	53.505	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	200418	29.027	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.120%
66) 1,2-Dichlorobenzene-d4	13.848	152	236759	27.440	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	114866	20.060	ug/L	# 70
3) Chloromethane	2.228	50	163558	20.889	ug/L	99
5) Vinyl chloride	2.375	62	175280	23.417	ug/L	96
6) Bromomethane	2.789	94	107973	24.759	ug/L	96
8) Chloroethane	2.930	64	109198	24.348	ug/L	99
9) Trichlorofluoromethane	3.265	101	161461	26.285	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	181797	27.398	ug/L	97
12) 1,1-Dichloroethene	4.045	96	165621	26.606	ug/L	95
13) Acetone	4.124	43	101113	51.105	ug/L	96
14) Carbon disulfide	4.393	76	560545	25.030	ug/L	98
15) Methyl Acetate	4.667	43	87250	22.015	ug/L	97
16) Methylene chloride	4.917	84	179463	22.029	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	183308	26.389	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	258923	24.635	ug/L	99
19) 1,1-Dichloroethane	6.216	63	368017	25.741	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	192530	25.786	ug/L	96
22) 2-Butanone	7.173	43	128304	44.003	ug/L	97
23) Bromochloromethane	7.514	128	82730	25.650	ug/L	94
25) Chloroform	7.673	83	356823	25.834	ug/L	99

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 Response via : Initial Calibration

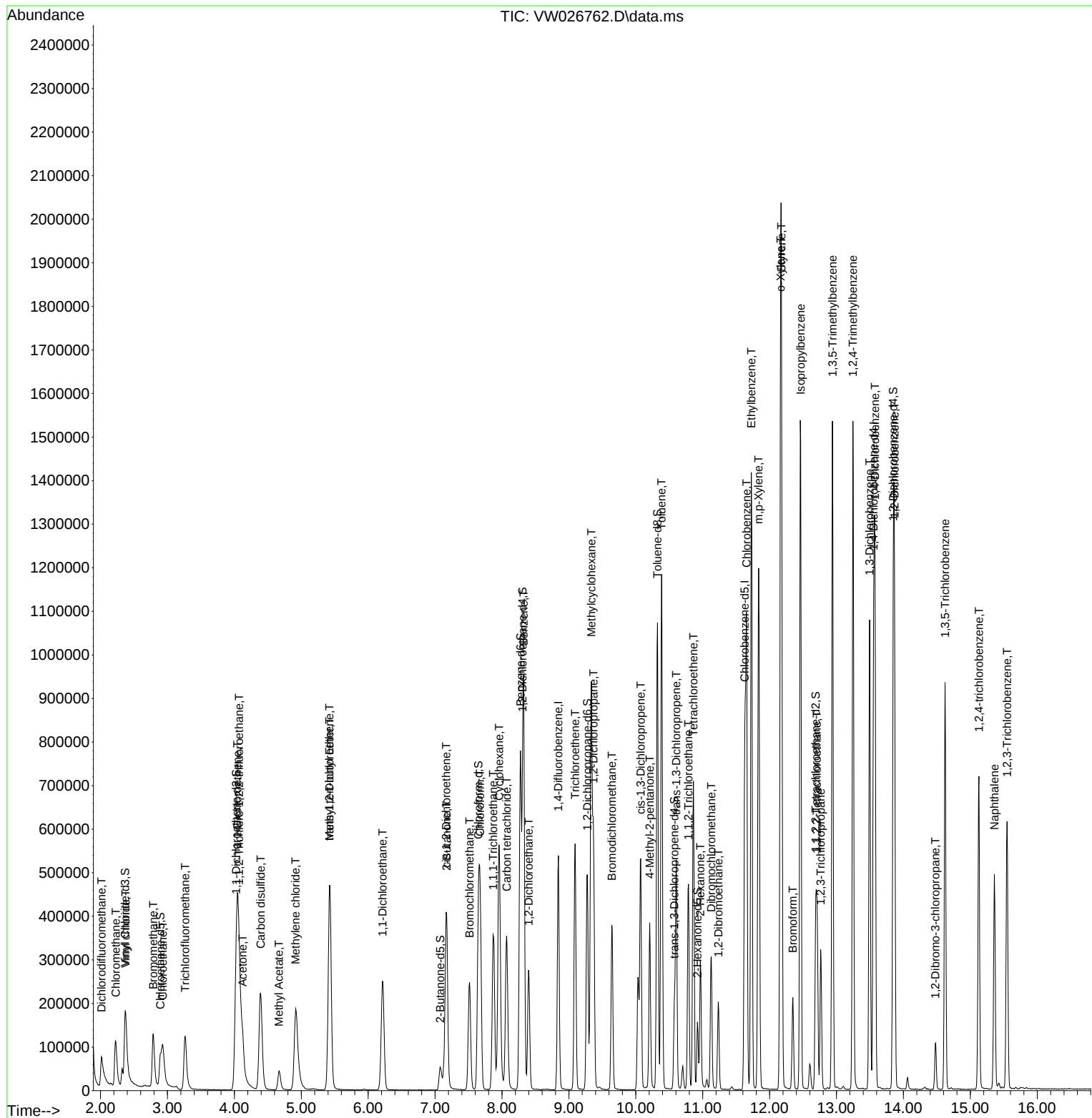
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27) 1,2-Dichloroethane	8.398	62	252307	26.185	ug/L	100
29) Cyclohexane	7.959	56	325601	25.853	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	299137	28.144	ug/L	100
31) Carbon tetrachloride	8.069	117	276575	28.459	ug/L	96
33) Benzene	8.325	78	804418	27.123	ug/L	100
34) Trichloroethene	9.093	95	199698	26.438	ug/L	96
35) Methylcyclohexane	9.337	83	357168	27.640	ug/L	98
37) 1,2-Dichloropropane	9.367	63	213706	26.307	ug/L	99
38) Bromodichloromethane	9.642	83	256738	26.941	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	317926	27.205	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	248140	46.960	ug/L	99
42) Toluene	10.386	91	838344	27.943	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	275193	27.358	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	147791	26.601	ug/L	96
46) Tetrachloroethene	10.861	164	154863	28.220	ug/L	95
48) 2-Hexanone	10.965	43	184882	51.419	ug/L	98
49) Dibromochloromethane	11.129	129	160924	27.694	ug/L	95
50) 1,2-Dibromoethane	11.233	107	131159	25.160	ug/L	95
51) Chlorobenzene	11.654	112	514902	27.170	ug/L	99
52) Ethylbenzene	11.727	91	965236	28.690	ug/L	100
53) m,p-Xylene	11.836	106	360383	28.914	ug/L	94
54) o-Xylene	12.166	106	339547	29.189	ug/L	95
55) Styrene	12.178	104	610497	30.184	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	178830	25.416	ug/L	99
59) Bromoform	12.349	173	92203	24.416	ug/L	96
60) Isopropylbenzene	12.464	105	956302	26.682	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	132188	22.606	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	768032	27.111	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	775154	27.923	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	410247	26.320	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	408946	25.140	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	362060	25.544	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	29728	21.088	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	267165	25.370	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	215197	24.102	ug/L	99
71) Naphthalene	15.360	128	401045	23.548	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	195346	24.257	ug/L	98

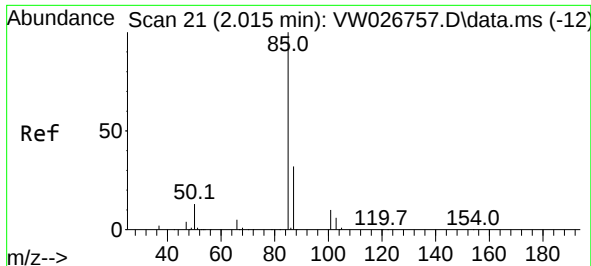
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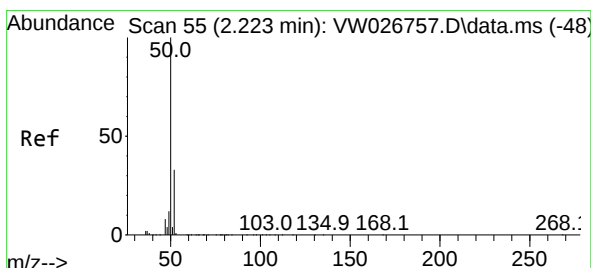
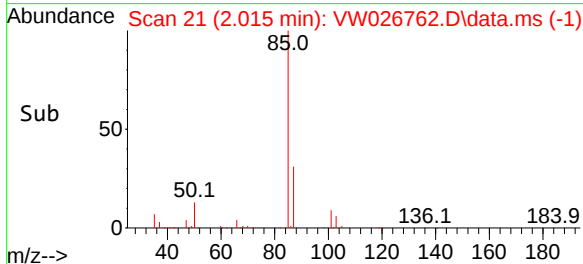
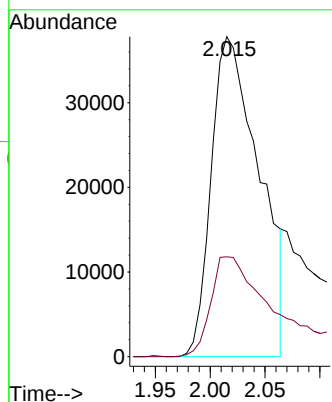
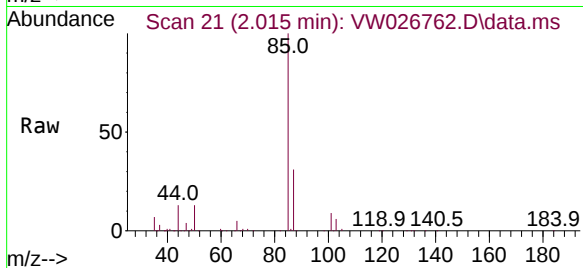




#2
 Dichlorodifluoromethane
 Concen: 20.060 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026762.D
 Acq: 18 Aug 2023 09:18

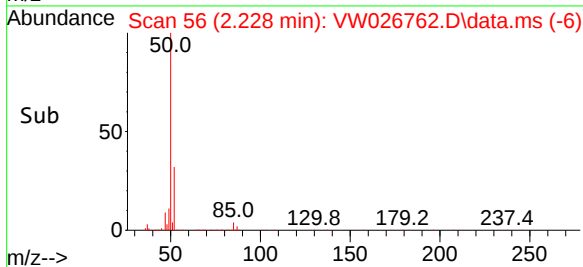
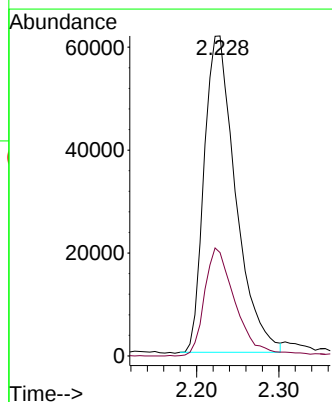
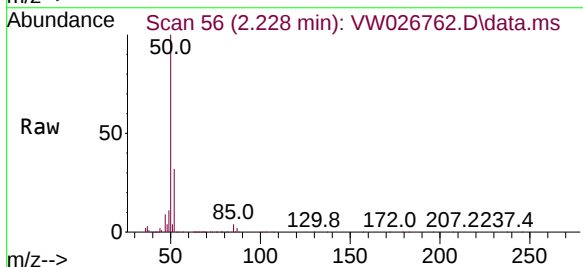
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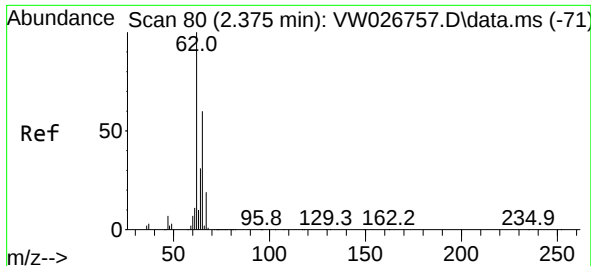
Tgt Ion: 85 Resp: 114866
 Ion Ratio Lower Upper
 85 100
 87 39.2 19.5 29.3#



#3
 Chloromethane
 Concen: 20.889 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW026762.D
 Acq: 18 Aug 2023 09:18

Tgt Ion: 50 Resp: 163558
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.0 42.8

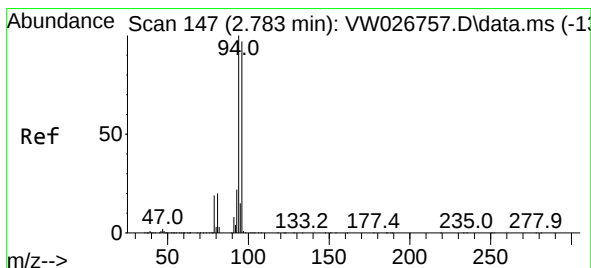
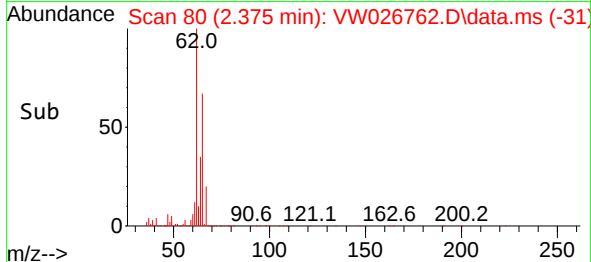
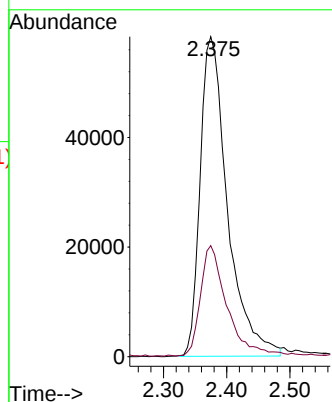
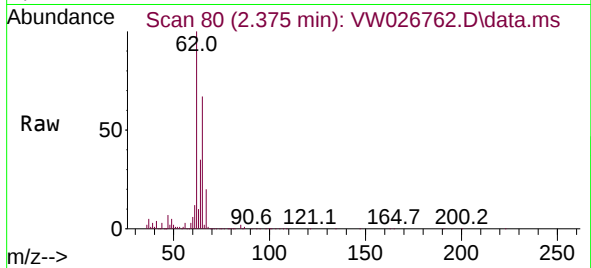




#5
 Vinyl chloride
 Concen: 23.417 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026762.D
 Acq: 18 Aug 2023 09:18

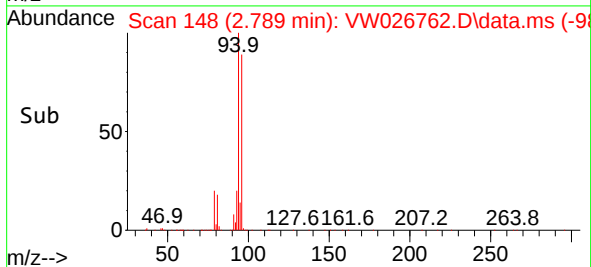
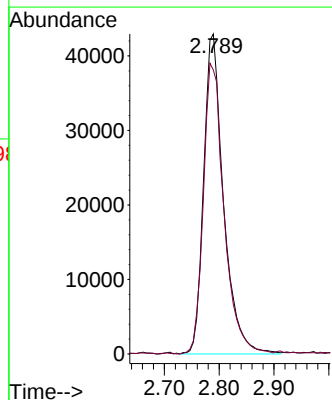
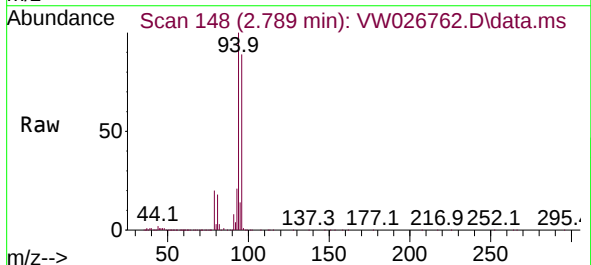
Instrument :
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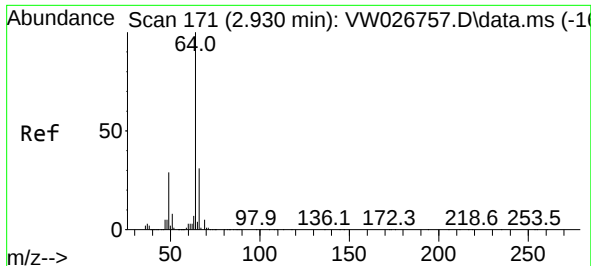
Tgt Ion: 62 Resp: 175280
 Ion Ratio Lower Upper
 62 100
 64 34.7 22.7 42.3



#6
 Bromomethane
 Concen: 24.759 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW026762.D
 Acq: 18 Aug 2023 09:18

Tgt Ion: 94 Resp: 107973
 Ion Ratio Lower Upper
 94 100
 96 88.8 64.8 120.3

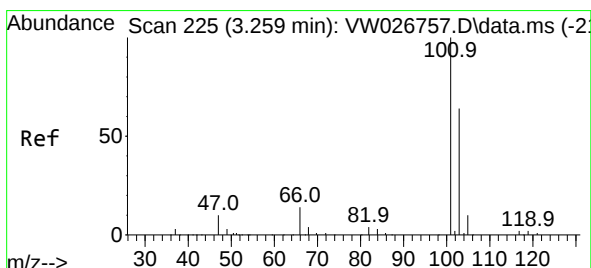
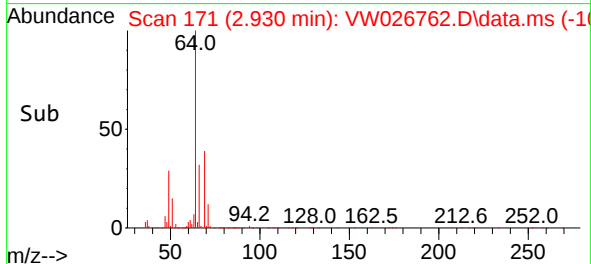
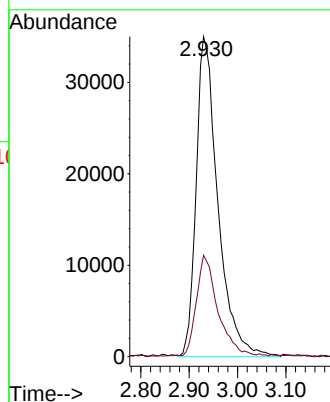
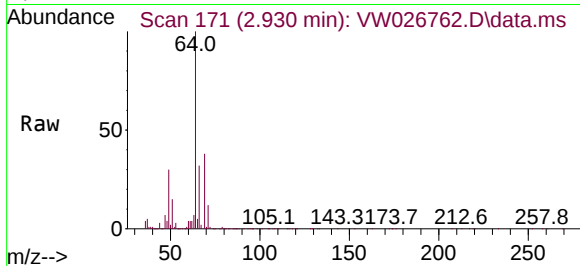




#8
Chloroethane
Concen: 24.348 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW026762.D
Acq: 18 Aug 2023 09:18

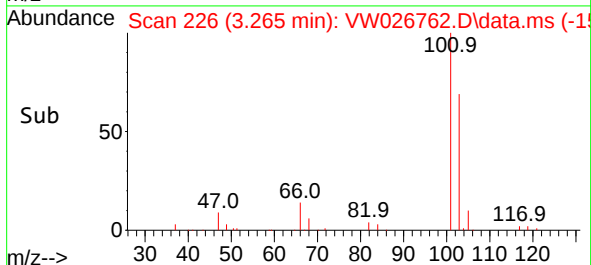
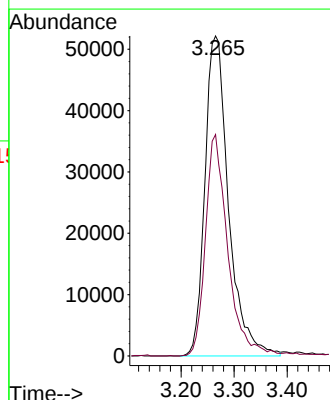
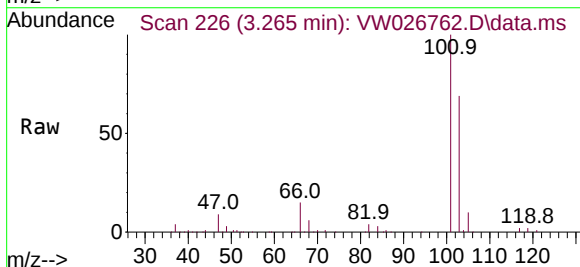
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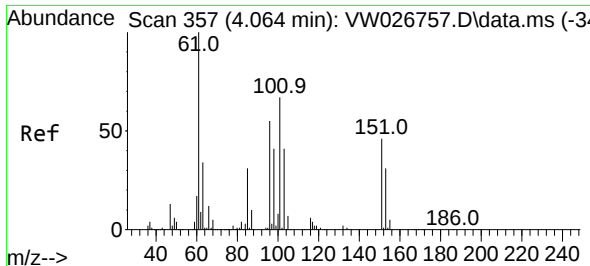
Tgt Ion: 64 Resp: 109198
Ion Ratio Lower Upper
64 100
66 31.7 21.7 40.3



#9
Trichlorofluoromethane
Concen: 26.285 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW026762.D
Acq: 18 Aug 2023 09:18

Tgt Ion: 101 Resp: 161461
Ion Ratio Lower Upper
101 100
103 63.2 51.9 77.9

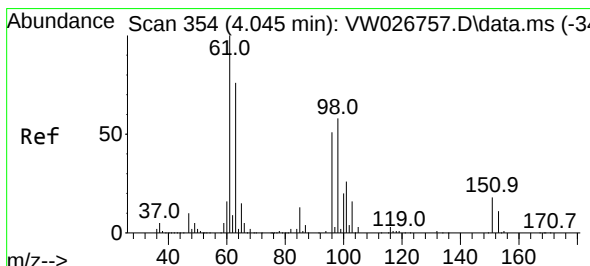
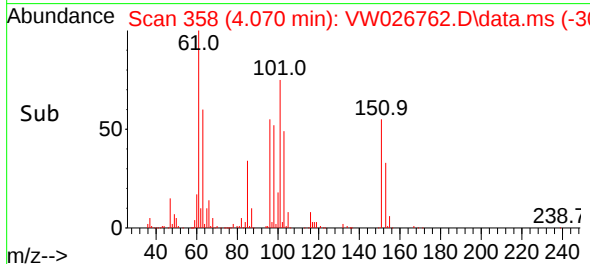
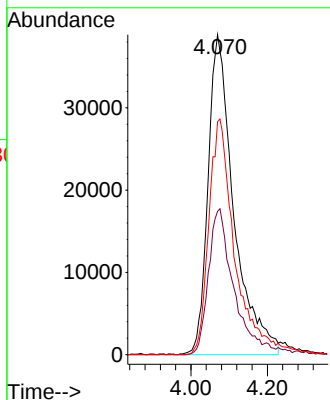
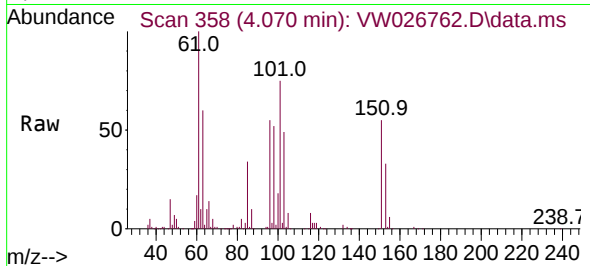




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.398 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW026762.D
 Acq: 18 Aug 2023 09:18

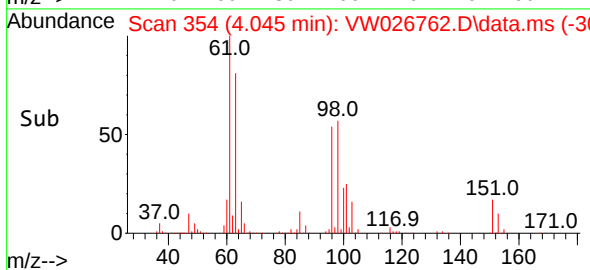
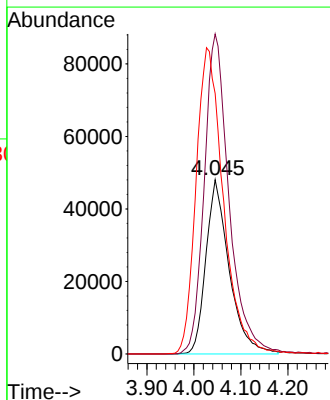
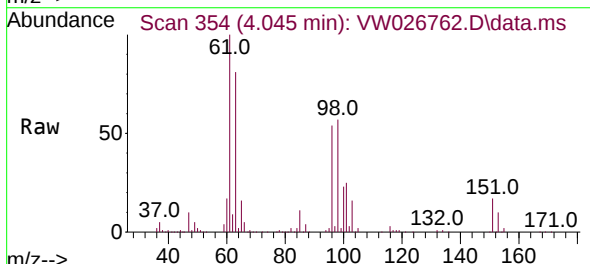
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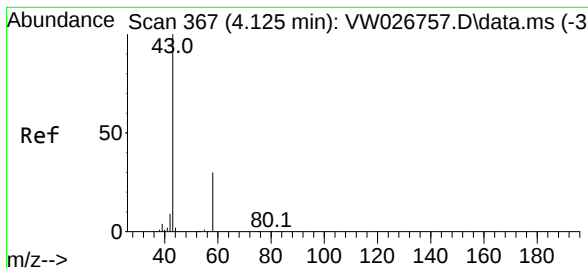
Tgt Ion:101 Resp: 181797
 Ion Ratio Lower Upper
 101 100
 85 43.4 32.8 49.2
 151 70.5 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 26.606 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW026762.D
 Acq: 18 Aug 2023 09:18

Tgt Ion: 96 Resp: 165621
 Ion Ratio Lower Upper
 96 100
 61 183.7 133.2 247.4
 63 149.5 109.0 202.4





#13

Acetone

Concen: 51.105 ug/L

RT: 4.124 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

Instrument :

MSVOA_W

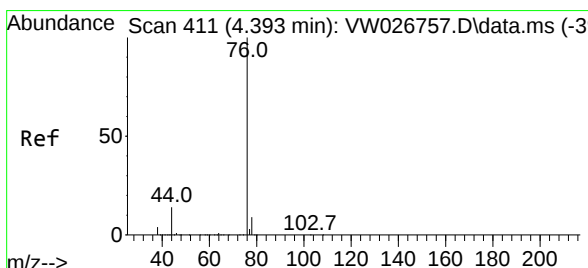
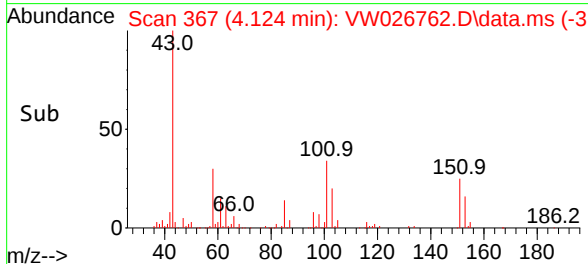
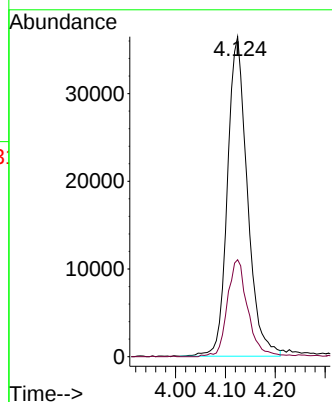
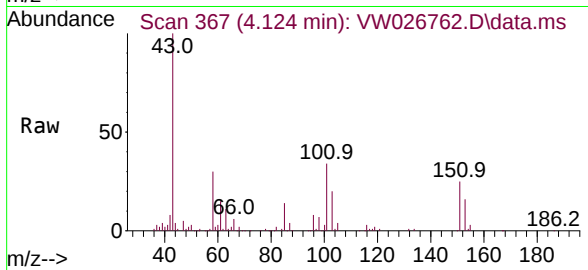
ClientSampleId :

Tgt Ion: 43 Resp: 101113

Ion Ratio Lower Upper

43 100

58 30.7 0.0 57.4



#14

Carbon disulfide

Concen: 25.030 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW026762.D

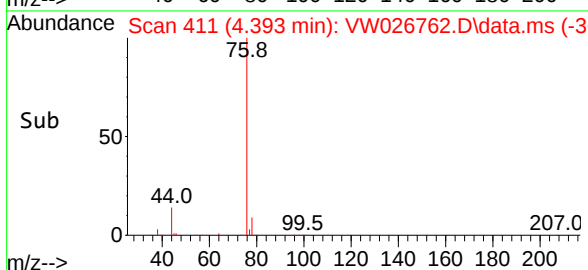
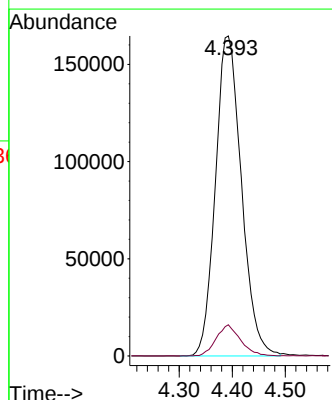
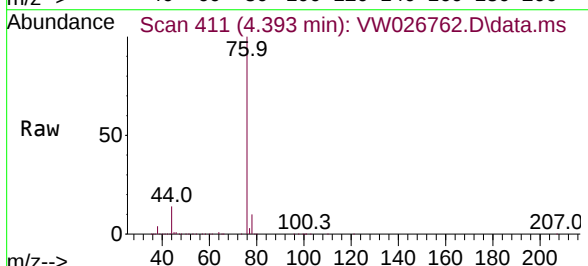
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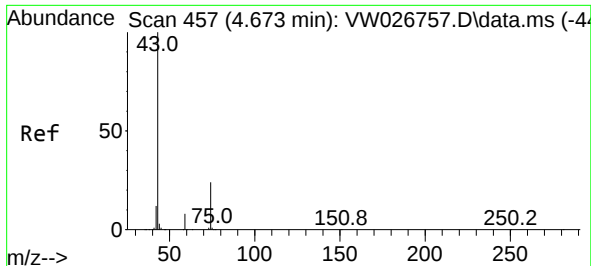
Tgt Ion: 76 Resp: 560545

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7

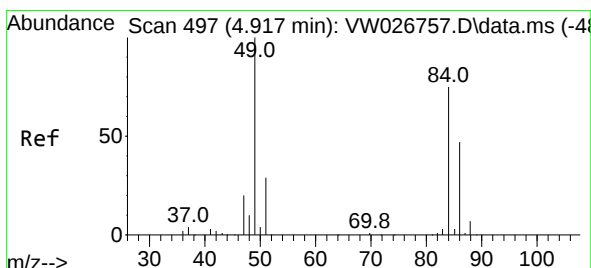
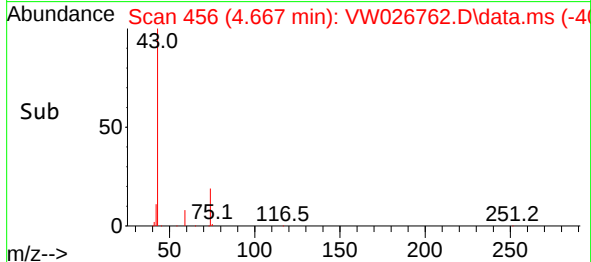
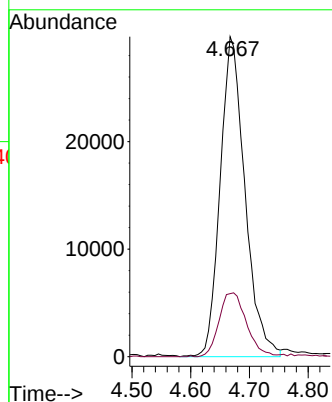
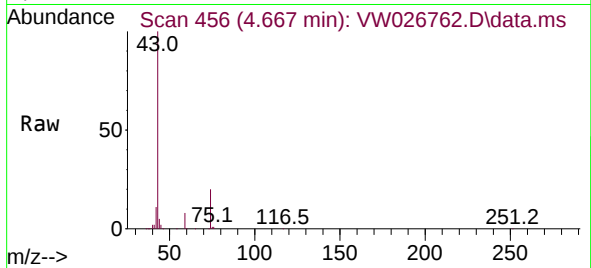




#15
Methyl Acetate
Concen: 22.015 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026762.D
Acq: 18 Aug 2023 09:18

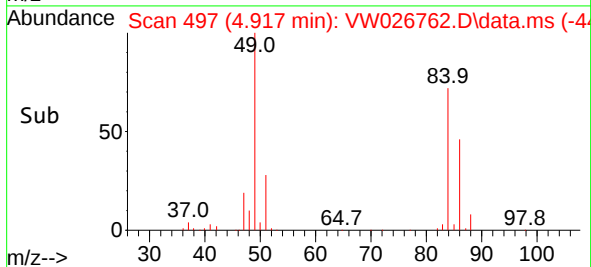
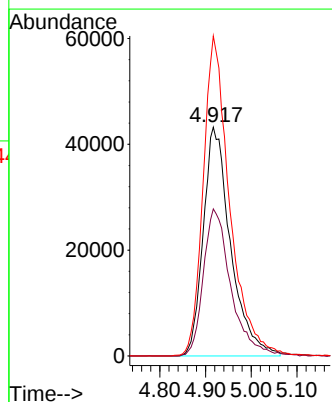
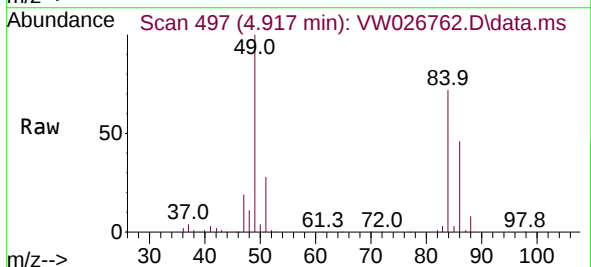
Instrument :
MSVOA_W
ClientSampleId :

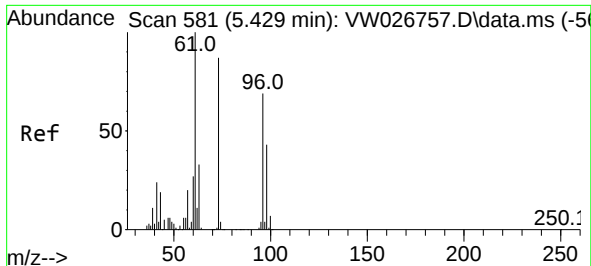
Tgt Ion: 43 Resp: 87250
Ion Ratio Lower Upper
43 100
74 22.0 16.4 24.6



#16
Methylene chloride
Concen: 22.029 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW026762.D
Acq: 18 Aug 2023 09:18

Tgt Ion: 84 Resp: 179463
Ion Ratio Lower Upper
84 100
86 64.3 43.5 80.9
49 139.8 96.0 178.2

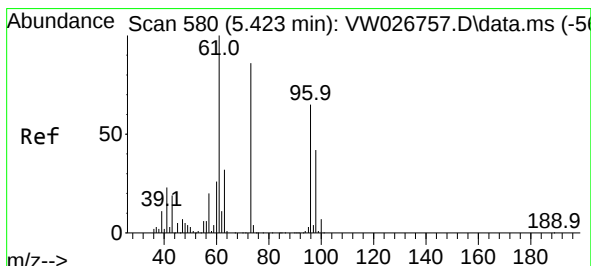
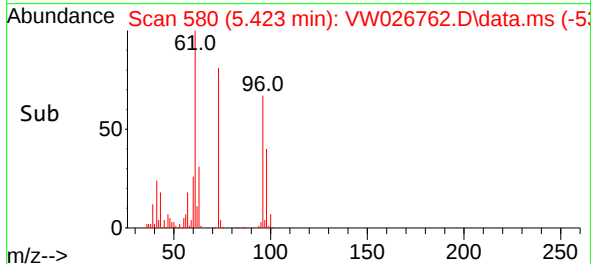
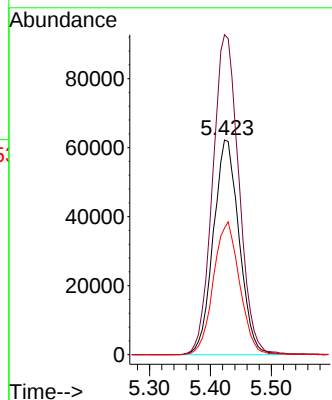
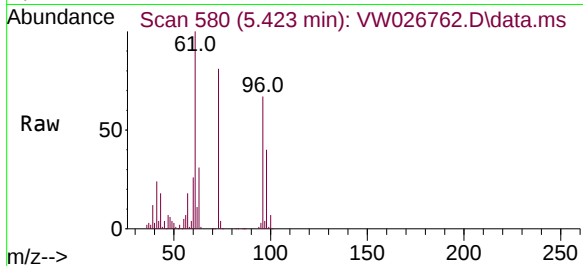




#17
trans-1,2-Dichloroethene
Concen: 26.389 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW026762.D
Acq: 18 Aug 2023 09:18

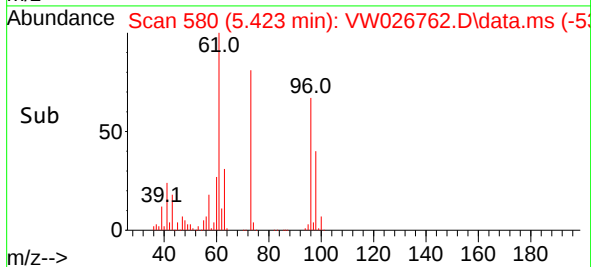
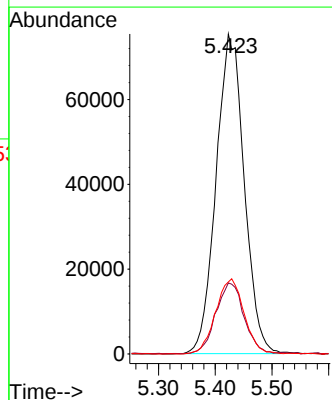
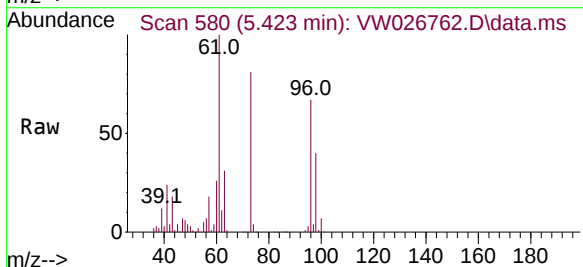
Instrument :
MSVOA_W
ClientSampleId :

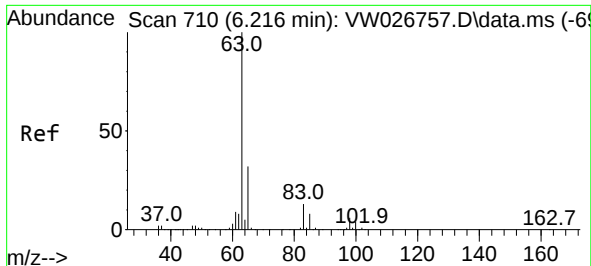
Tgt Ion: 96 Resp: 183308
Ion Ratio Lower Upper
96 100
61 149.0 109.4 203.2
98 58.9 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 24.635 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026762.D
Acq: 18 Aug 2023 09:18

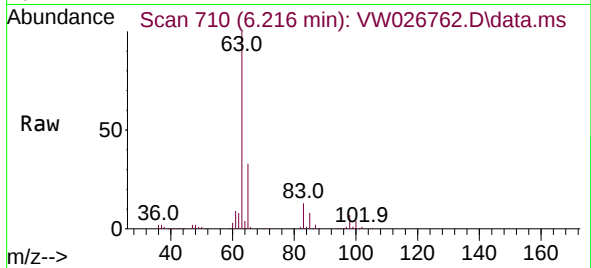
Tgt Ion: 73 Resp: 258923
Ion Ratio Lower Upper
73 100
43 22.2 18.0 27.0
57 23.8 19.3 28.9



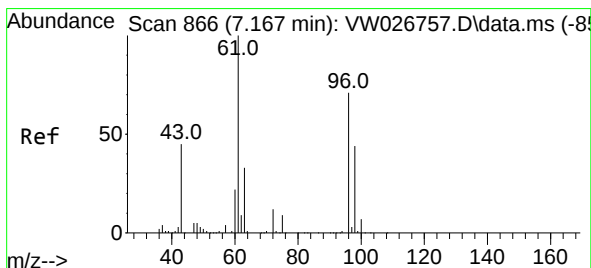
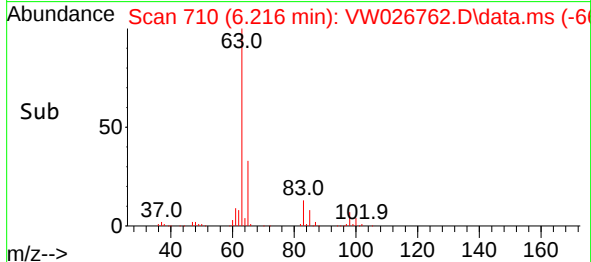
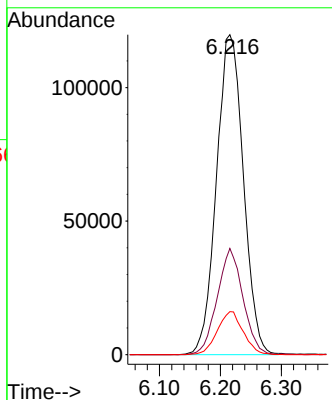


#19
1,1-Dichloroethane
Concen: 25.741 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW026762.D
Acq: 18 Aug 2023 09:18

Instrument :
MSVOA_W
ClientSampleId :

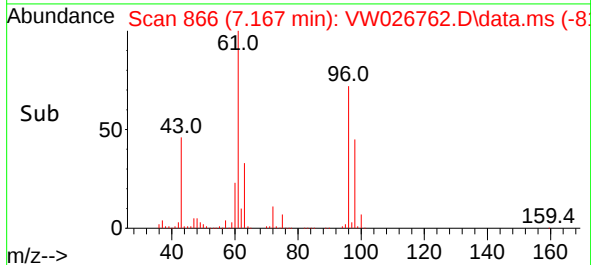
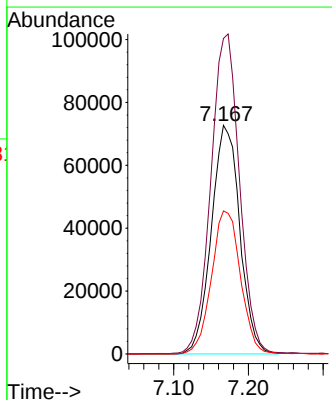
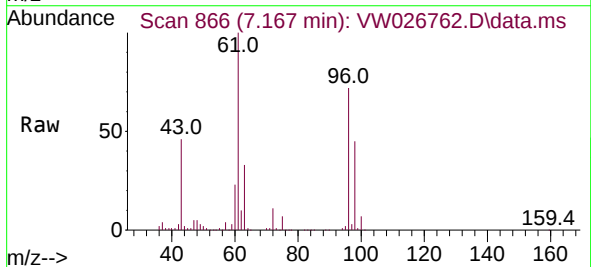


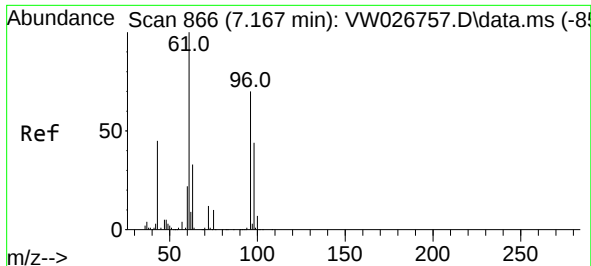
Tgt Ion: 63 Resp: 368017
Ion Ratio Lower Upper
63 100
65 33.2 21.8 40.6
83 13.4 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 25.786 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW026762.D
Acq: 18 Aug 2023 09:18

Tgt Ion: 96 Resp: 192530
Ion Ratio Lower Upper
96 100
61 138.0 101.2 188.0
98 62.6 43.8 81.3

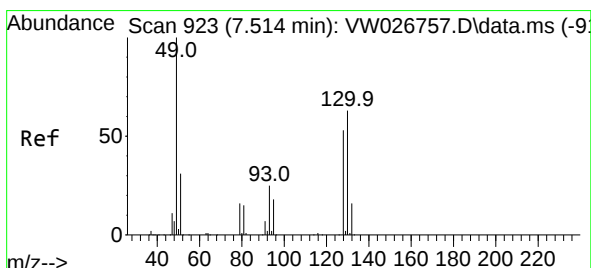
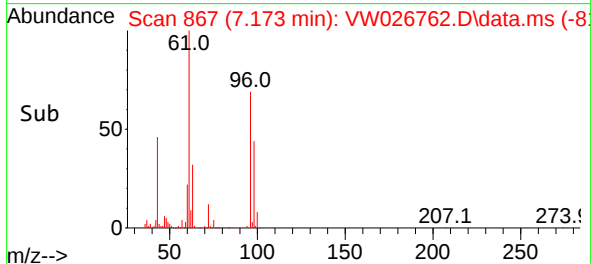
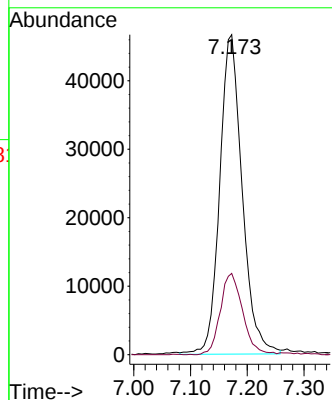
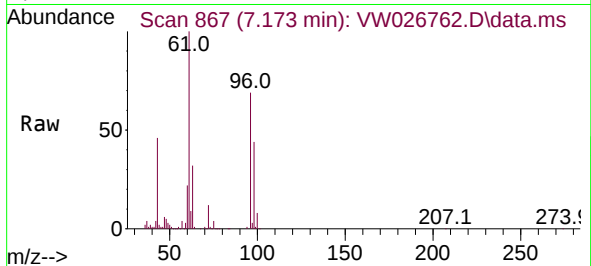




#22
2-Butanone
Concen: 44.003 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026762.D
Acq: 18 Aug 2023 09:18

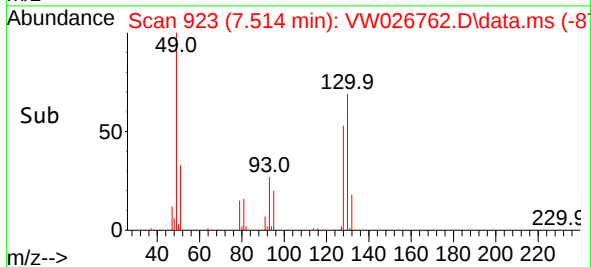
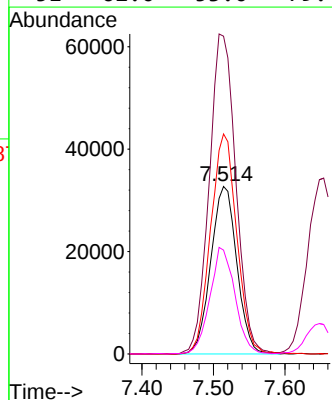
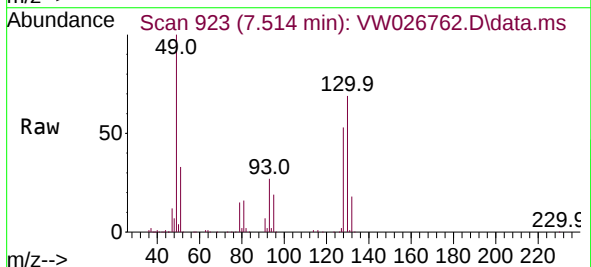
Instrument :
MSVOA_W
ClientSampleId :

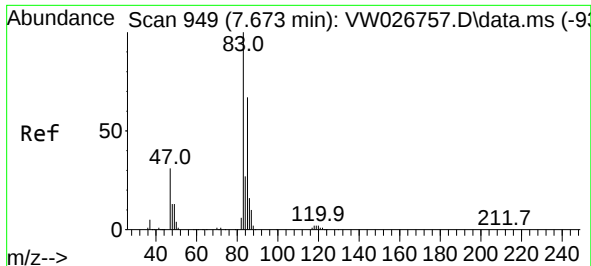
Tgt Ion: 43 Resp: 128304
Ion Ratio Lower Upper
43 100
72 25.1 11.8 35.4



#23
Bromochloromethane
Concen: 25.650 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026762.D
Acq: 18 Aug 2023 09:18

Tgt Ion:128 Resp: 82730
Ion Ratio Lower Upper
128 100
49 189.6 143.1 265.7
130 131.3 91.8 170.4
51 62.0 53.0 79.4





#25

Chloroform

Concen: 25.834 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.000 min

Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

Instrument :

MSVOA_W

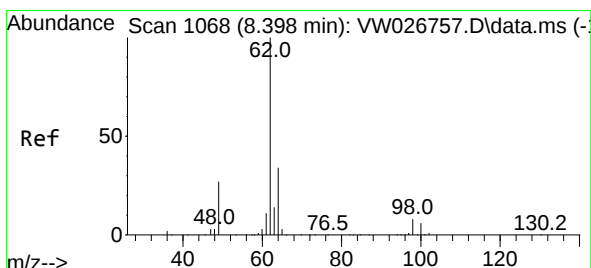
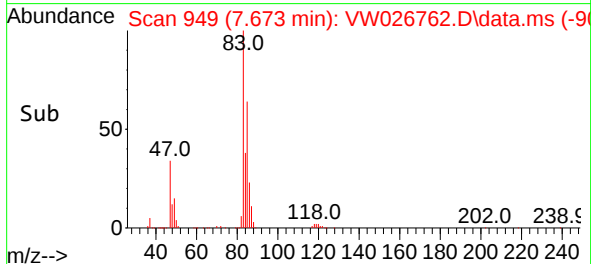
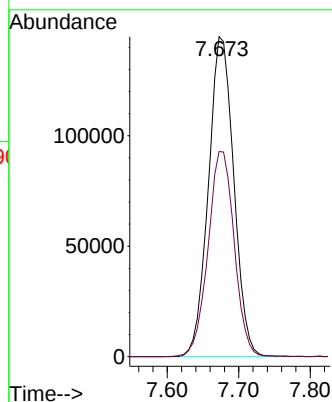
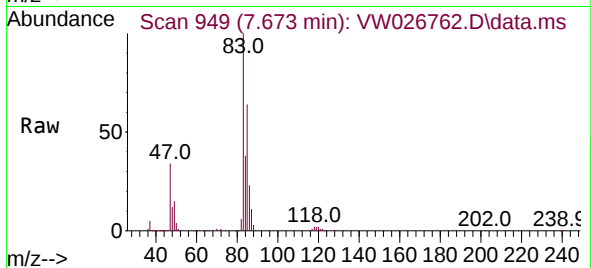
ClientSampleId :

Tgt Ion: 83 Resp: 356823

Ion Ratio Lower Upper

83 100

85 64.1 45.4 84.2



#27

1,2-Dichloroethane

Concen: 26.185 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW026762.D

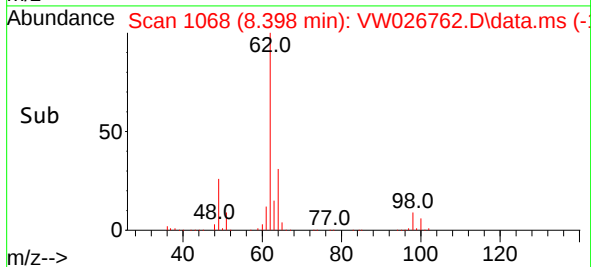
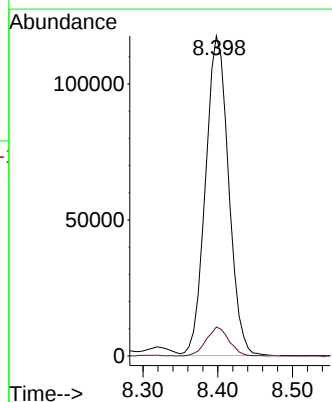
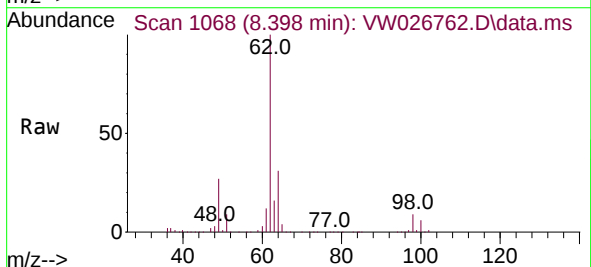
Acq: 18 Aug 2023 09:18

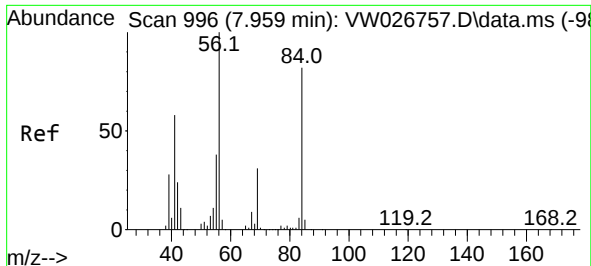
Tgt Ion: 62 Resp: 252307

Ion Ratio Lower Upper

62 100

98 9.0 7.1 10.7





#29

Cyclohexane

Concen: 25.853 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

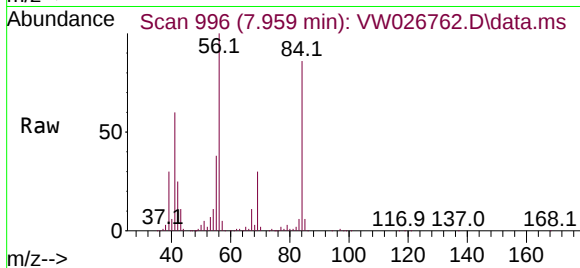
Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

Instrument :

MSVOA_W

ClientSampleId :



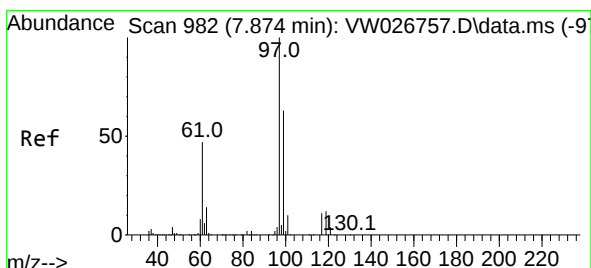
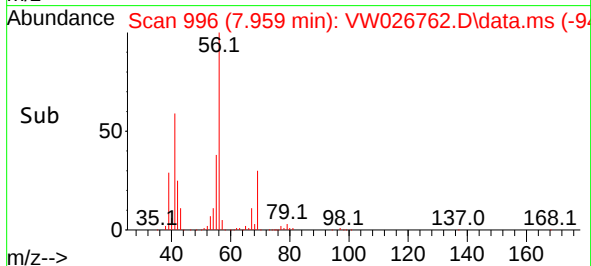
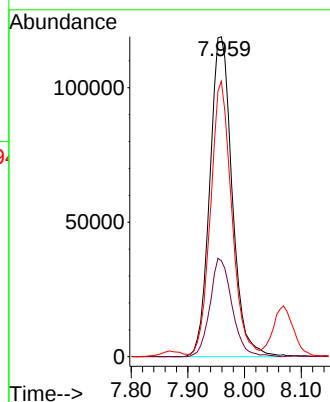
Tgt Ion: 56 Resp: 325601

Ion Ratio Lower Upper

56 100

69 30.1 23.2 34.8

84 81.8 62.7 94.1



#30

1,1,1-Trichloroethane

Concen: 28.144 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

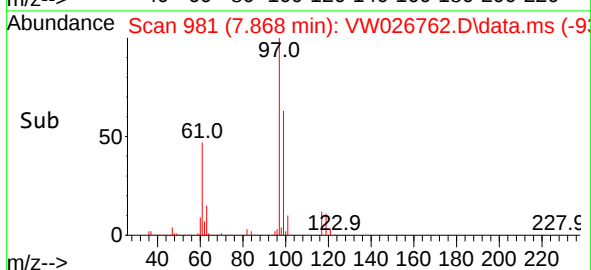
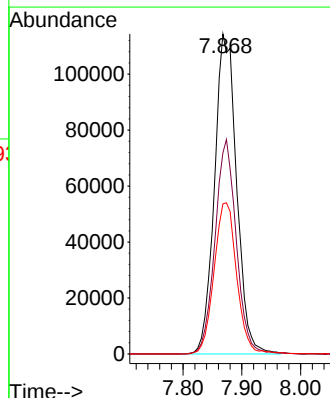
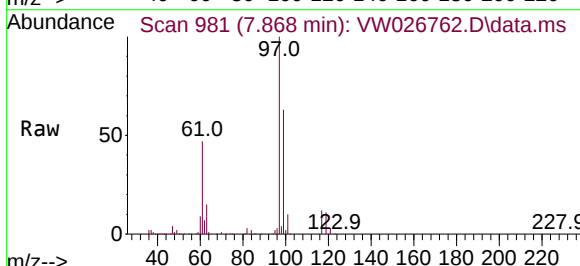
Tgt Ion: 97 Resp: 299137

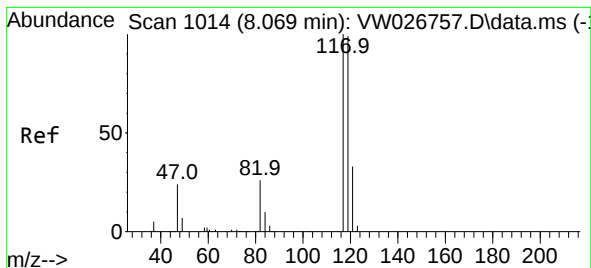
Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

61 48.4 39.2 58.8





#31

Carbon tetrachloride

Concen: 28.459 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

Instrument :

MSVOA_W

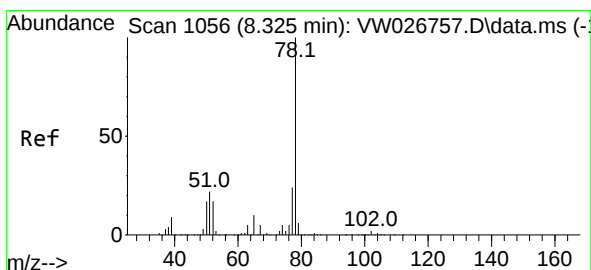
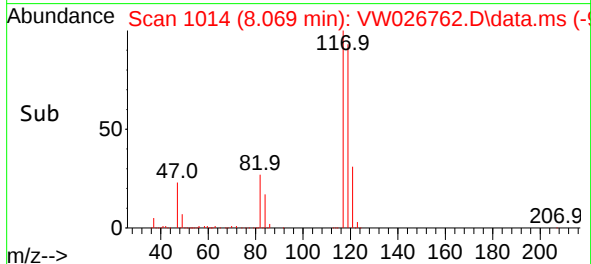
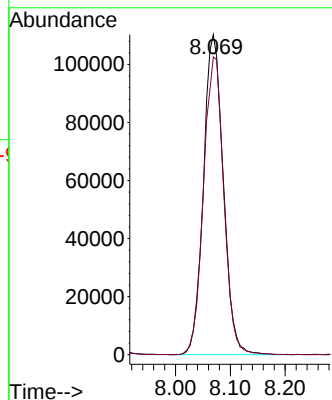
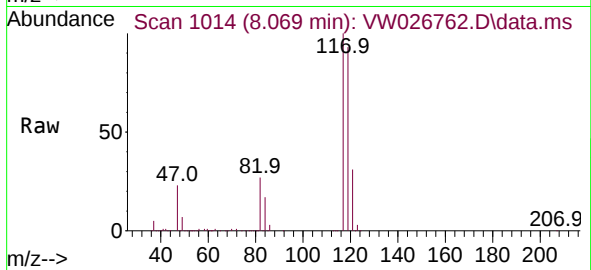
ClientSampleId :

Tgt Ion:117 Resp: 276575

Ion Ratio Lower Upper

117 100

119 95.5 73.0 109.4



#33

Benzene

Concen: 27.123 ug/L

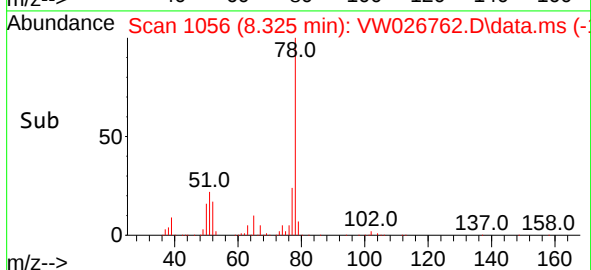
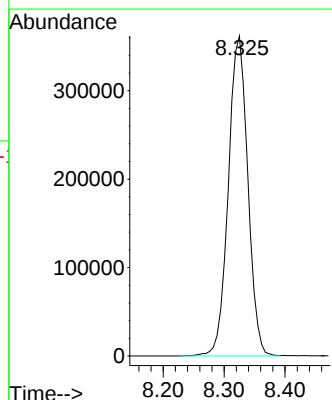
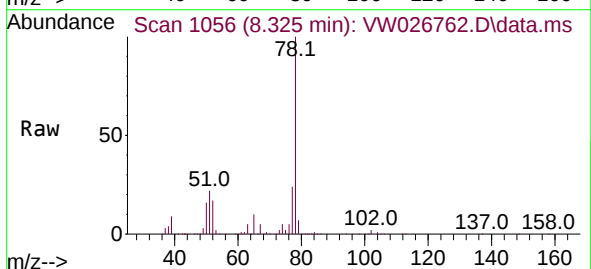
RT: 8.325 min Scan# 1056

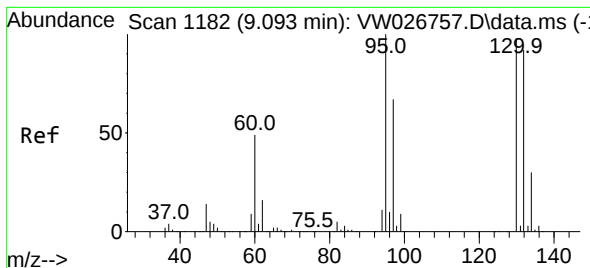
Delta R.T. -0.000 min

Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

Tgt Ion: 78 Resp: 804418





#34

Trichloroethene

Concen: 26.438 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

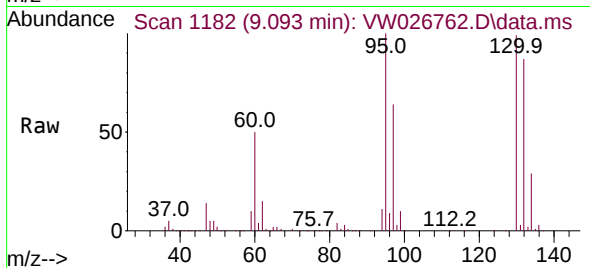
Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 199698

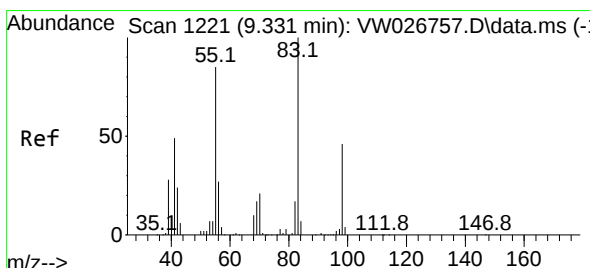
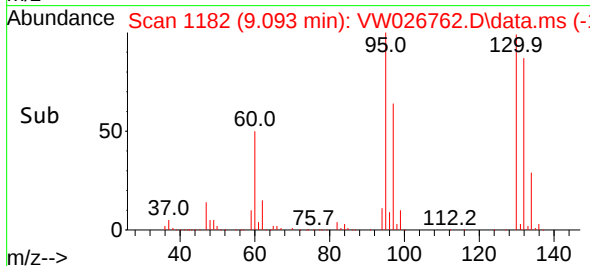
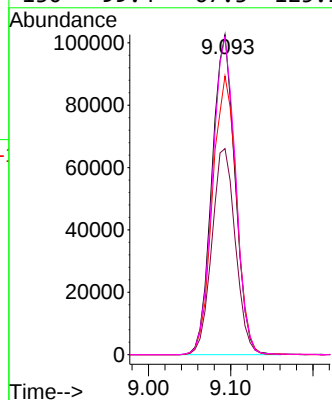
Ion Ratio Lower Upper

95 100

97 64.4 44.6 82.8

132 87.1 66.4 123.2

130 99.4 67.3 125.1



#35

Methylcyclohexane

Concen: 27.640 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

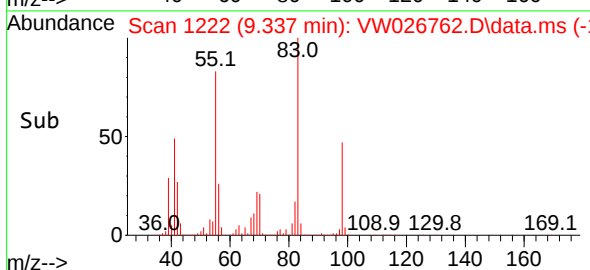
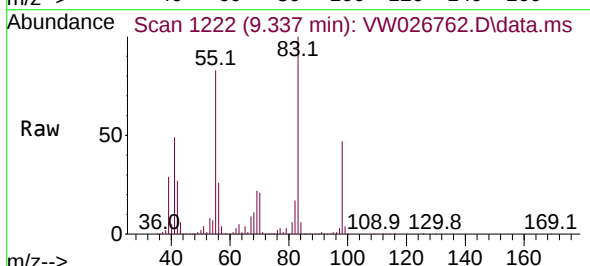
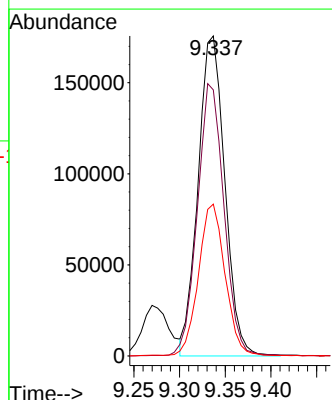
Tgt Ion: 83 Resp: 357168

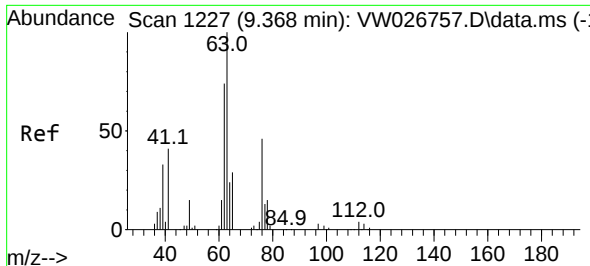
Ion Ratio Lower Upper

83 100

55 84.8 69.3 103.9

98 47.4 37.4 56.0





#37

1,2-Dichloropropane

Concen: 26.307 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

Instrument :

MSVOA_W

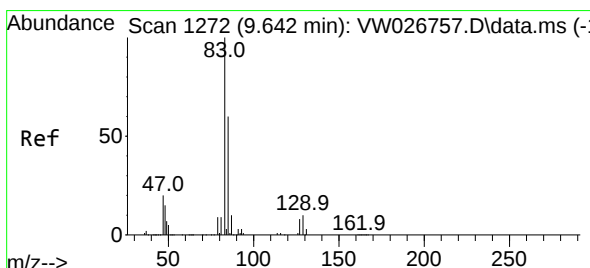
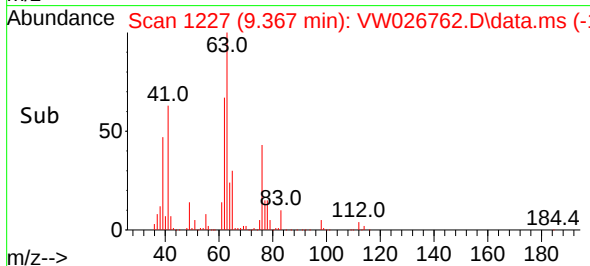
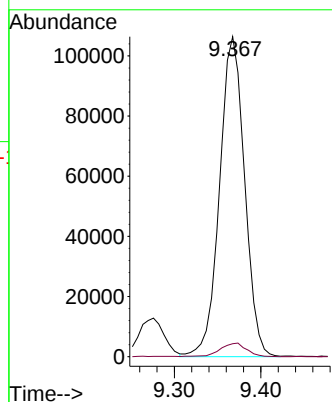
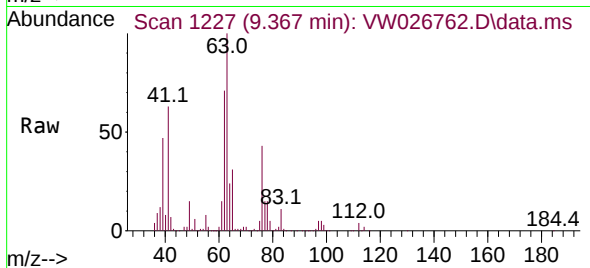
ClientSampleId :

Tgt Ion: 63 Resp: 213706

Ion Ratio Lower Upper

63 100

112 4.3 3.1 4.7



#38

Bromodichloromethane

Concen: 26.941 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

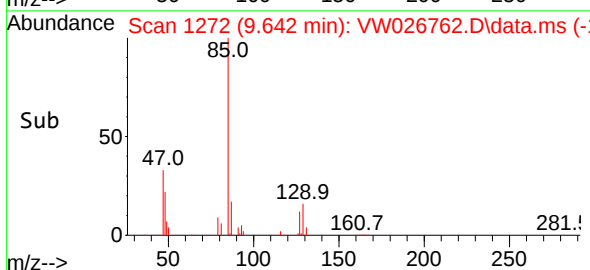
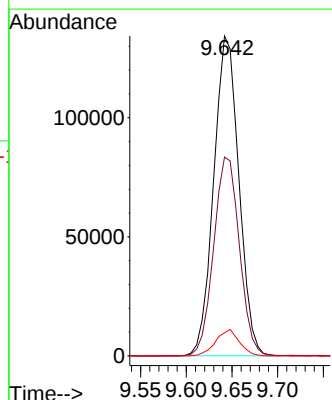
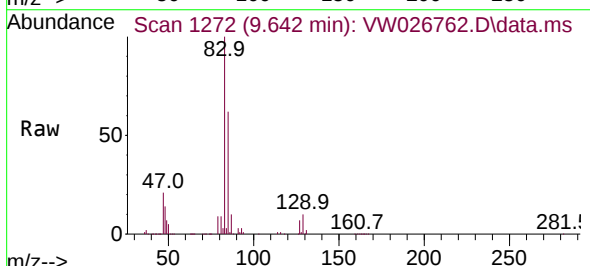
Tgt Ion: 83 Resp: 256738

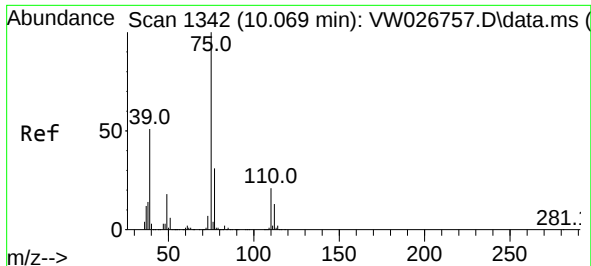
Ion Ratio Lower Upper

83 100

85 62.2 45.4 84.2

127 7.2 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 27.205 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

Instrument :

MSVOA_W

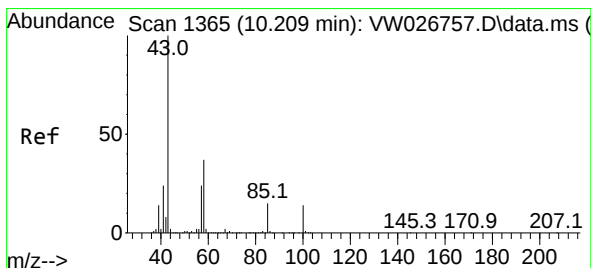
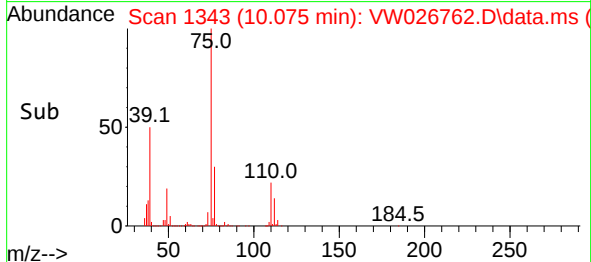
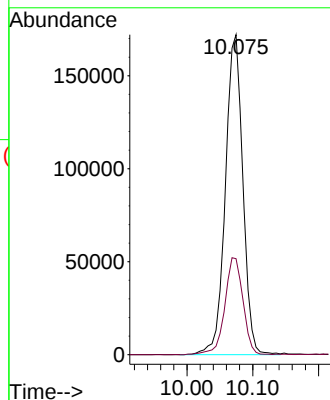
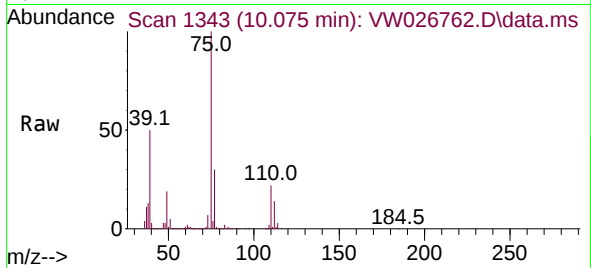
ClientSampleId :

Tgt Ion: 75 Resp: 317926

Ion Ratio Lower Upper

75 100

77 30.0 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 46.960 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

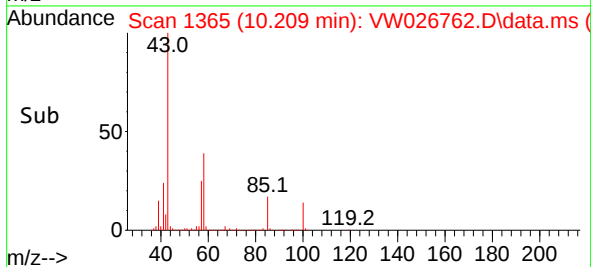
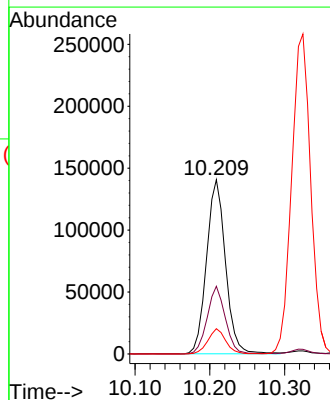
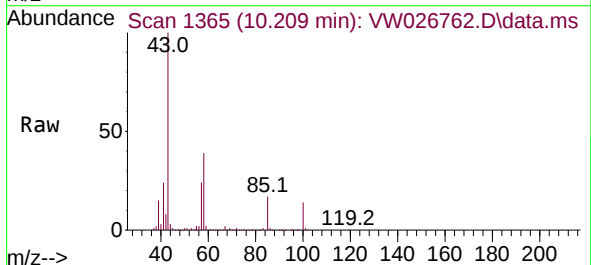
Tgt Ion: 43 Resp: 248140

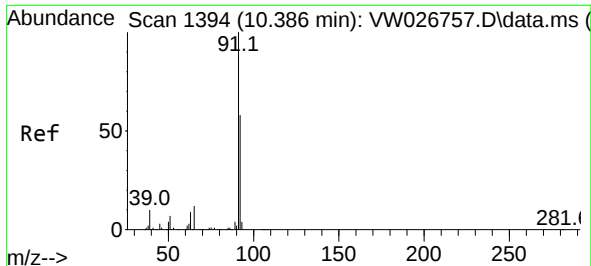
Ion Ratio Lower Upper

43 100

58 37.4 29.2 43.8

100 13.7 10.7 16.1

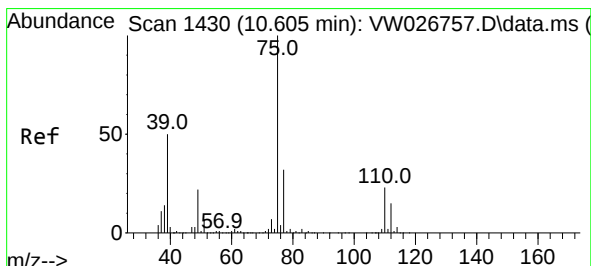
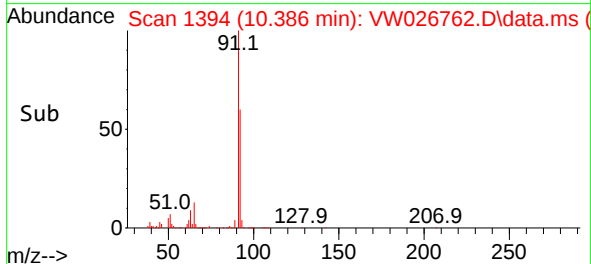
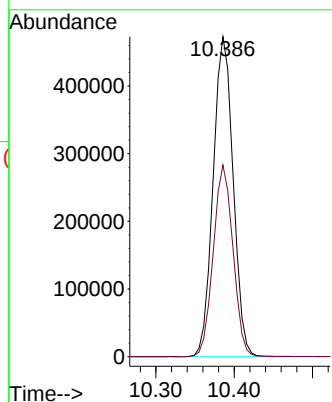
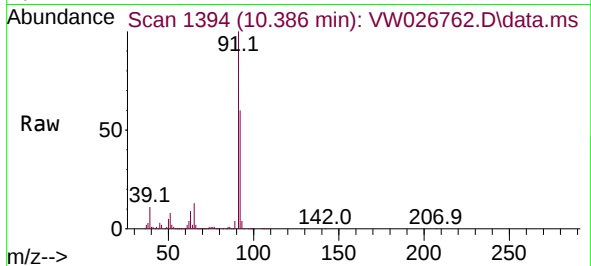




#42
Toluene
Concen: 27.943 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026762.D
Acq: 18 Aug 2023 09:18

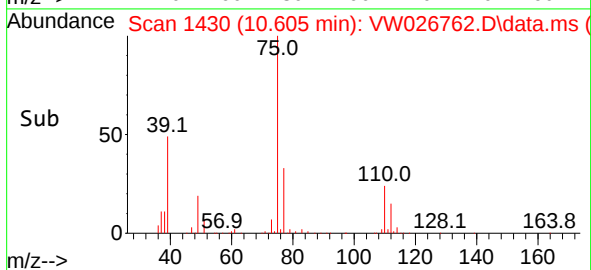
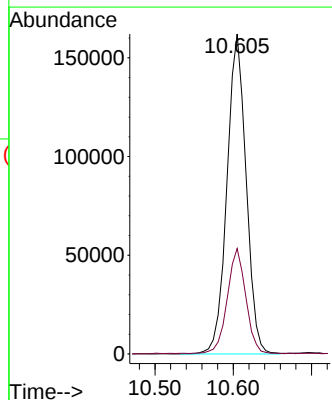
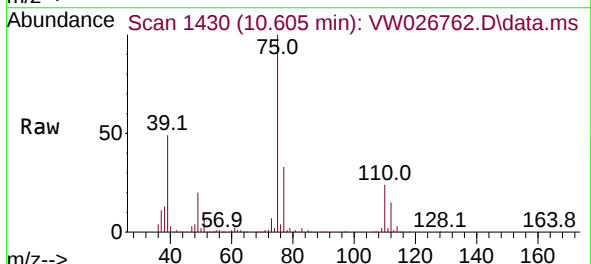
Instrument :
MSVOA_W
ClientSampleId :

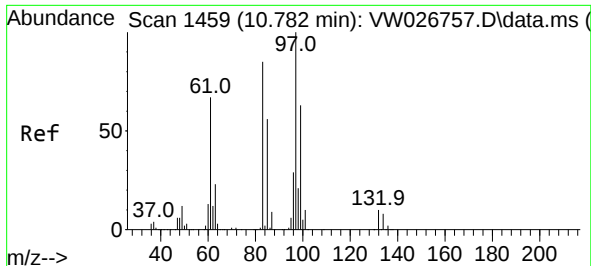
Tgt Ion: 91 Resp: 838344
Ion Ratio Lower Upper
91 100
92 59.9 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 27.358 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026762.D
Acq: 18 Aug 2023 09:18

Tgt Ion: 75 Resp: 275193
Ion Ratio Lower Upper
75 100
77 32.9 21.2 39.4

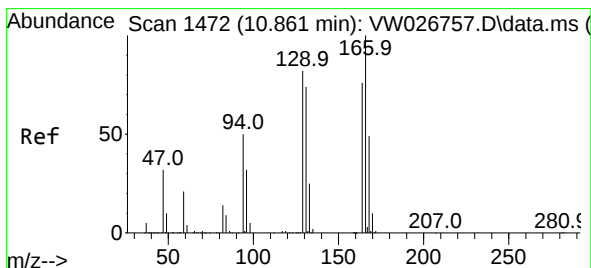
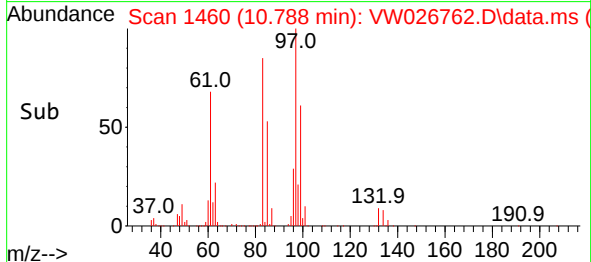
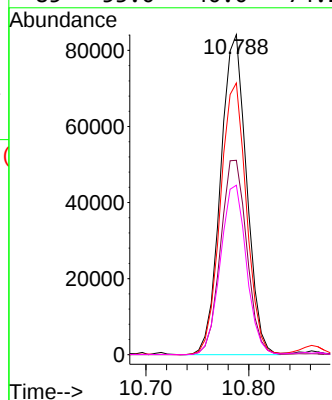
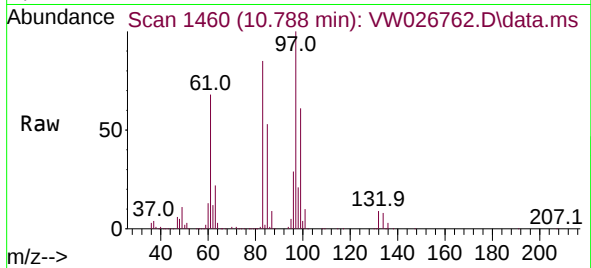




#45
1,1,2-Trichloroethane
Concen: 26.601 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026762.D
Acq: 18 Aug 2023 09:18

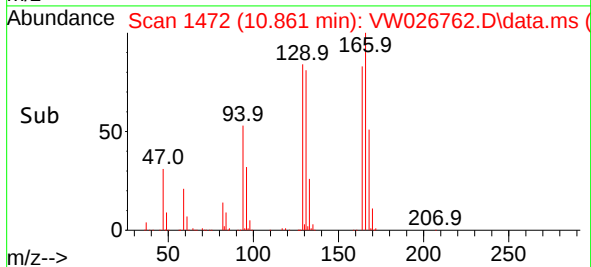
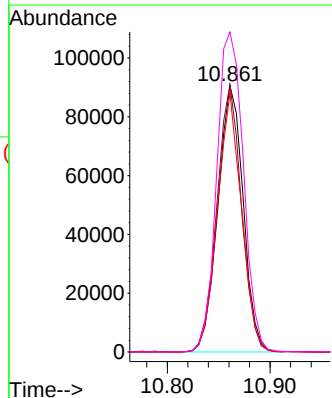
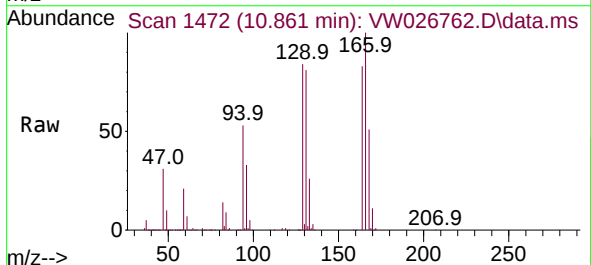
Instrument :
MSVOA_W
ClientSampleId :

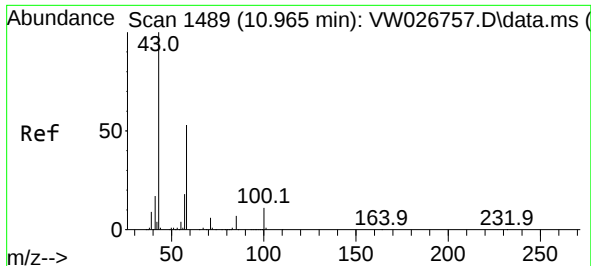
Tgt Ion: 97 Resp: 147791
Ion Ratio Lower Upper
97 100
99 60.7 44.2 82.0
83 84.9 61.9 114.9
85 53.0 40.0 74.2



#46
Tetrachloroethene
Concen: 28.220 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026762.D
Acq: 18 Aug 2023 09:18

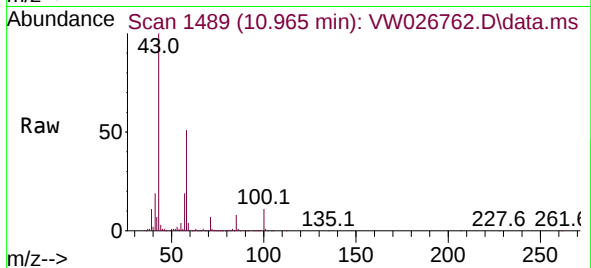
Tgt Ion:164 Resp: 154863
Ion Ratio Lower Upper
164 100
129 100.4 68.1 126.5
131 97.2 65.5 121.7
166 120.1 89.1 165.5



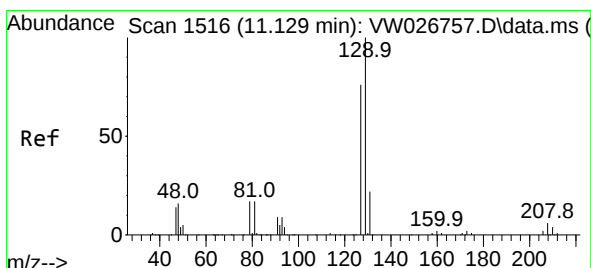
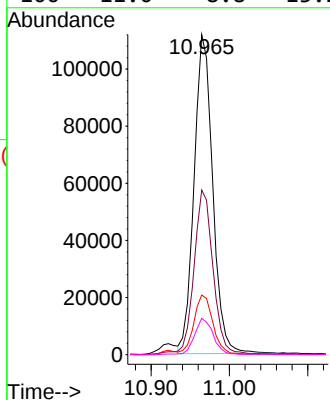
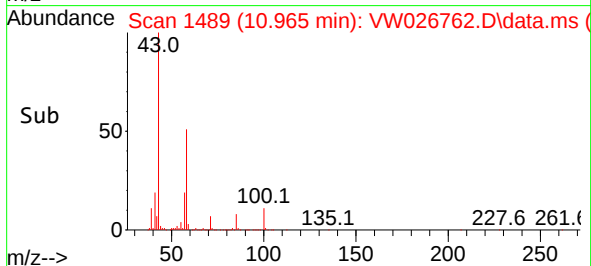


#48
2-Hexanone
Concen: 51.419 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026762.D
Acq: 18 Aug 2023 09:18

Instrument :
MSVOA_W
ClientSampleId :

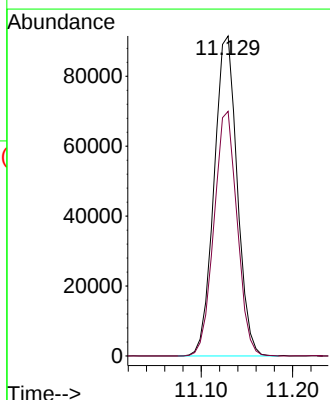
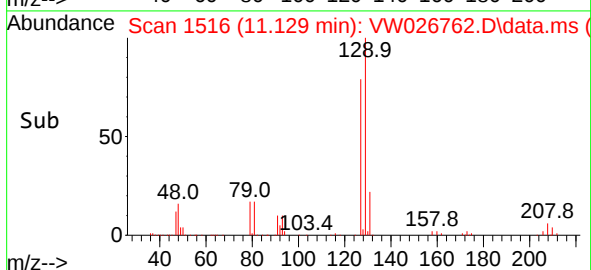
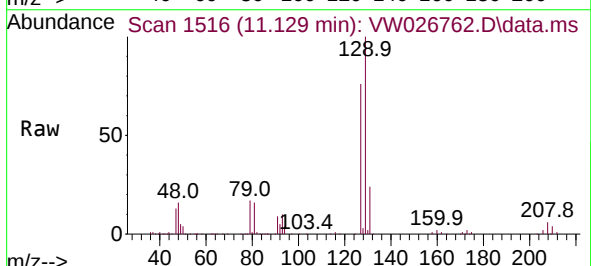


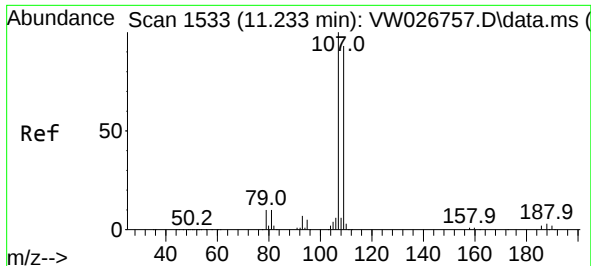
Tgt Ion:	43	Resp:	184882
Ion	Ratio	Lower	Upper
43	100		
58	52.7	41.1	61.7
57	19.2	14.3	21.5
100	11.0	8.8	13.2



#49
Dibromochloromethane
Concen: 27.694 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW026762.D
Acq: 18 Aug 2023 09:18

Tgt Ion:	129	Resp:	160924
Ion	Ratio	Lower	Upper
129	100		
127	76.5	56.6	105.2





#50

1,2-Dibromoethane

Concen: 25.160 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

Instrument :

MSVOA_W

ClientSampleId :

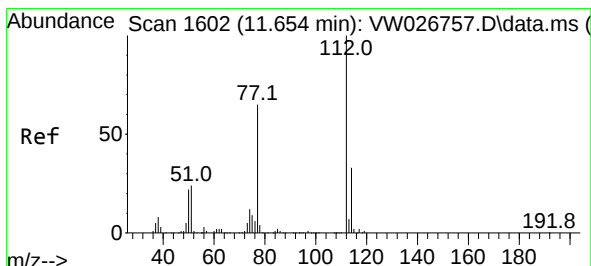
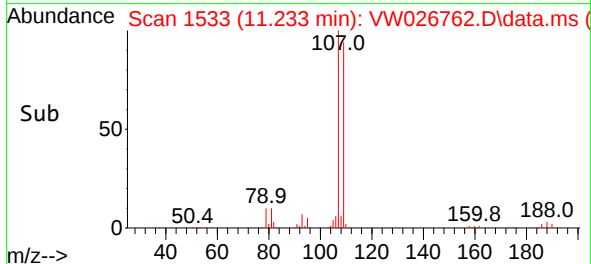
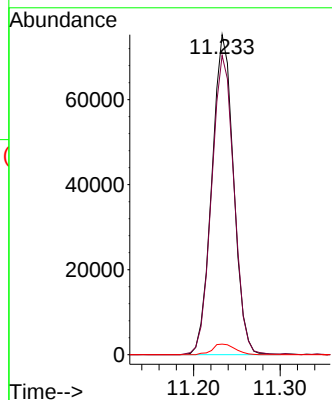
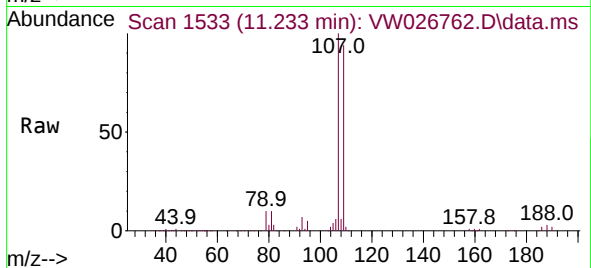
Tgt Ion:107 Resp: 131159

Ion Ratio Lower Upper

107 100

109 93.5 68.8 127.8

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 27.170 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

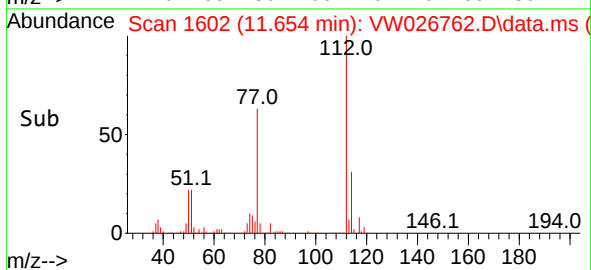
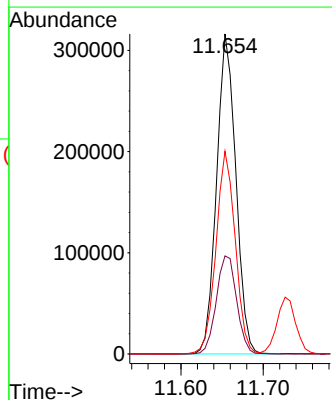
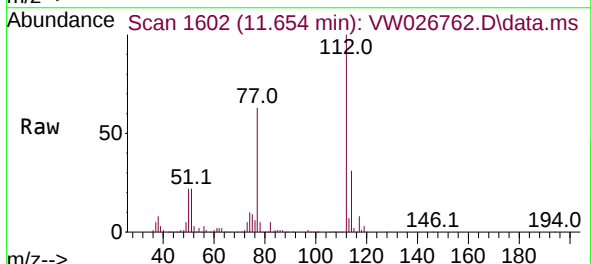
Tgt Ion:112 Resp: 514902

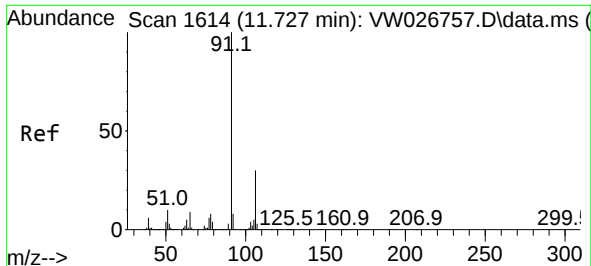
Ion Ratio Lower Upper

112 100

114 30.7 22.4 41.6

77 63.3 50.2 75.2

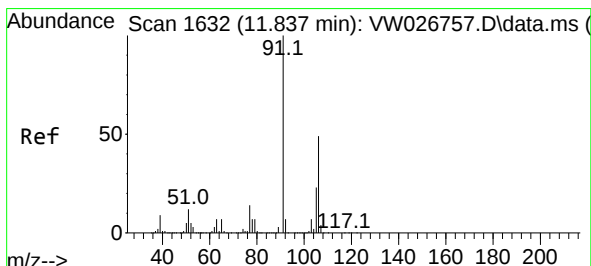
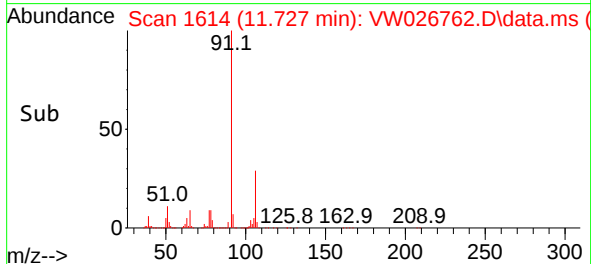
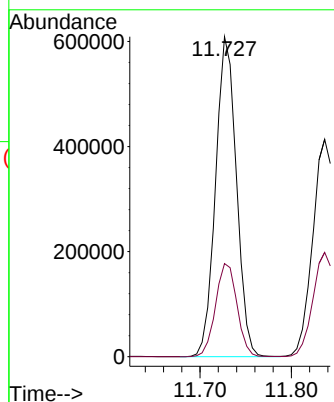
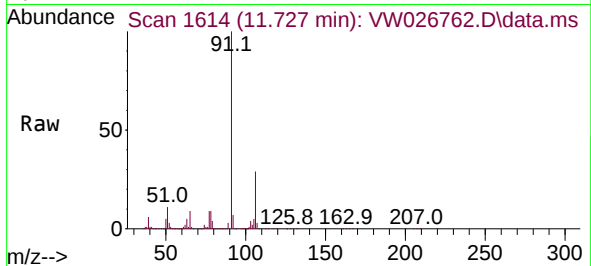




#52
Ethylbenzene
Concen: 28.690 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026762.D
Acq: 18 Aug 2023 09:18

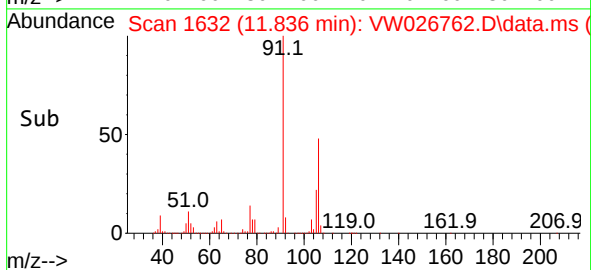
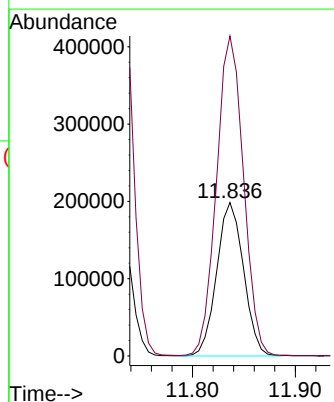
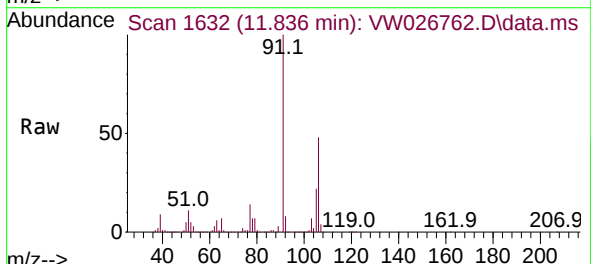
Instrument :
MSVOA_W
ClientSampleId :

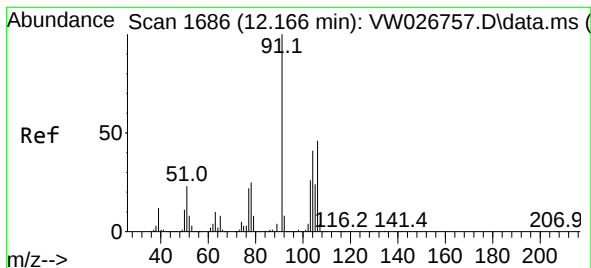
Tgt Ion: 91 Resp: 965236
Ion Ratio Lower Upper
91 100
106 29.1 20.2 37.6



#53
m,p-Xylene
Concen: 28.914 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026762.D
Acq: 18 Aug 2023 09:18

Tgt Ion: 106 Resp: 360383
Ion Ratio Lower Upper
106 100
91 208.5 152.9 284.1





#54

o-Xylene

Concen: 29.189 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

Instrument :

MSVOA_W

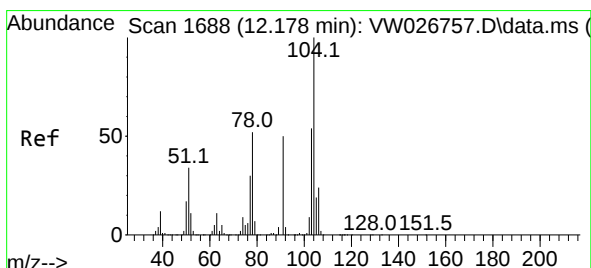
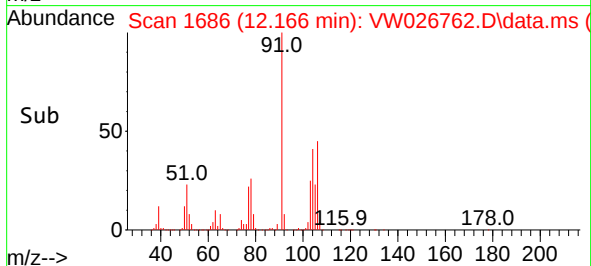
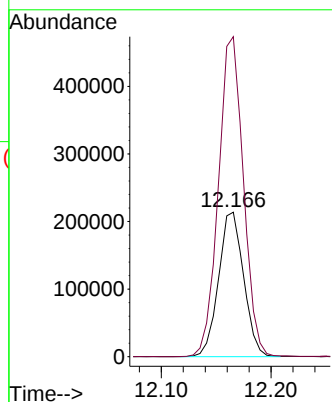
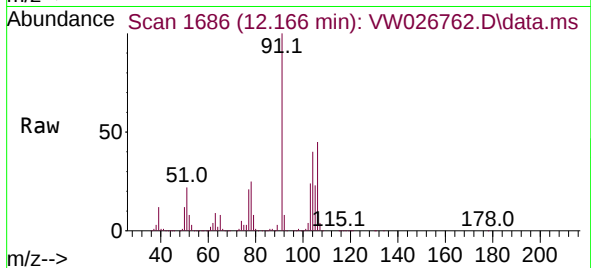
ClientSampleId :

Tgt Ion:106 Resp: 339547

Ion Ratio Lower Upper

106 100

91 221.5 149.9 278.3



#55

Styrene

Concen: 30.184 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW026762.D

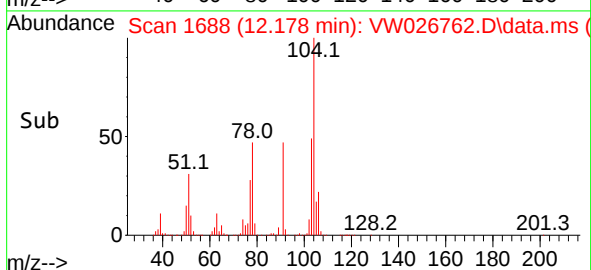
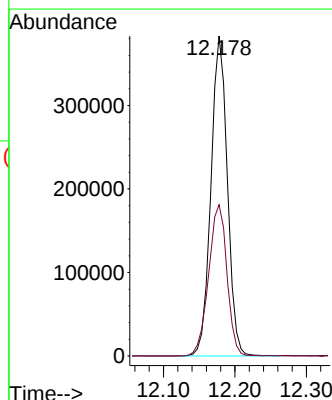
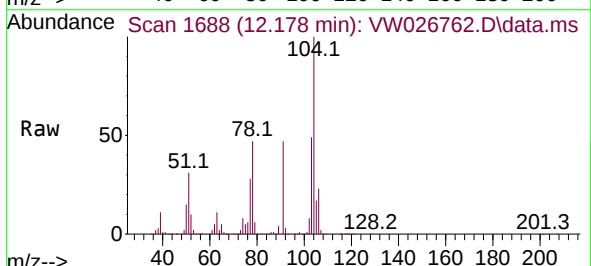
Acq: 18 Aug 2023 09:18

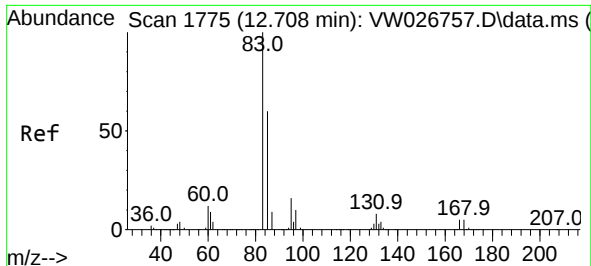
Tgt Ion:104 Resp: 610497

Ion Ratio Lower Upper

104 100

78 47.3 33.0 61.2





#57

1,1,2,2-Tetrachloroethane

Concen: 25.416 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

Instrument :

MSVOA_W

ClientSampleId :

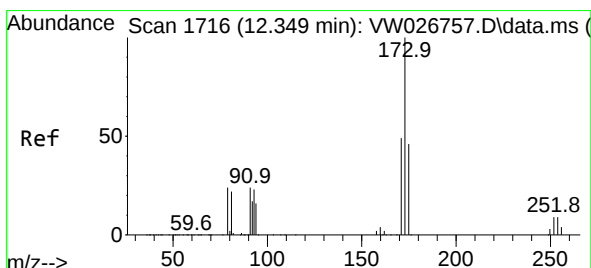
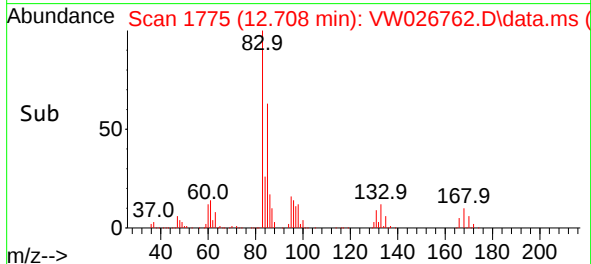
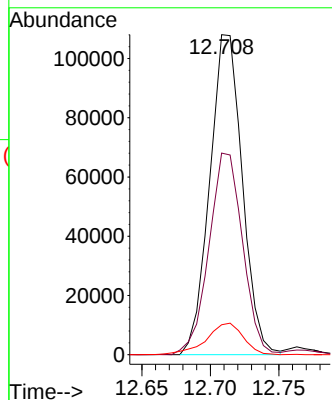
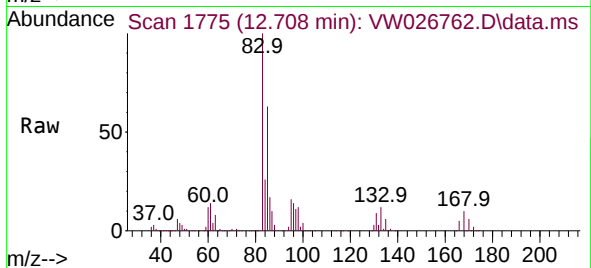
Tgt Ion: 83 Resp: 178830

Ion Ratio Lower Upper

83 100

85 63.0 44.9 83.3

131 9.4 7.4 11.0



#59

Bromoform

Concen: 24.416 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

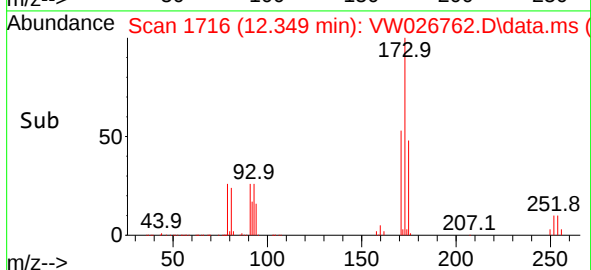
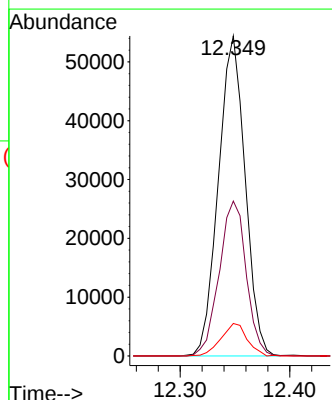
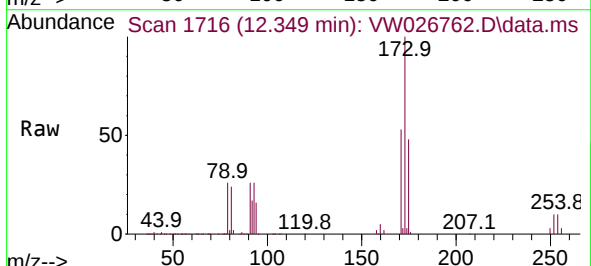
Tgt Ion:173 Resp: 92203

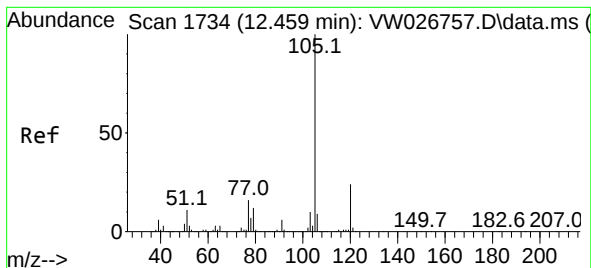
Ion Ratio Lower Upper

173 100

175 48.9 36.6 55.0

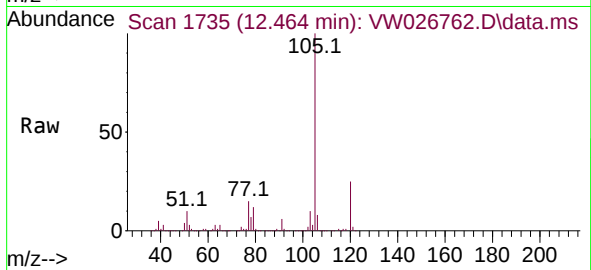
254 9.9 7.8 11.6



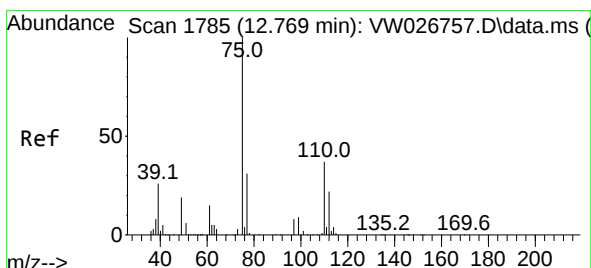
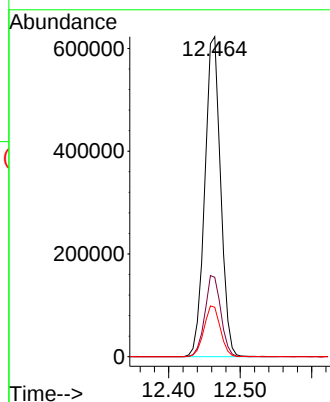
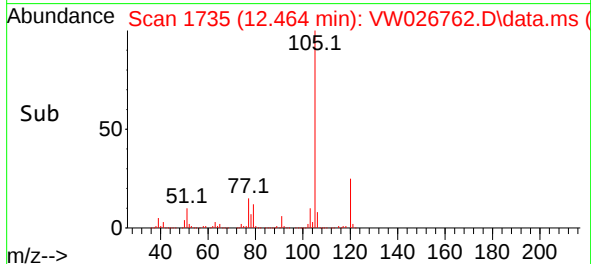


#60
Isopropylbenzene
Concen: 26.682 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW026762.D
Acq: 18 Aug 2023 09:18

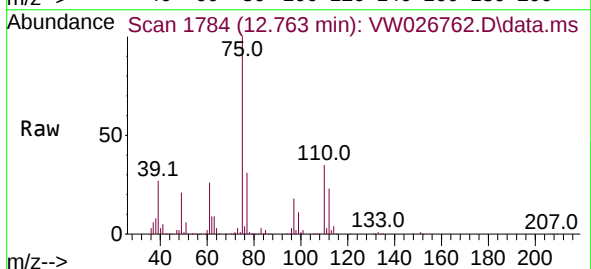
Instrument :
MSVOA_W
ClientSampleId :



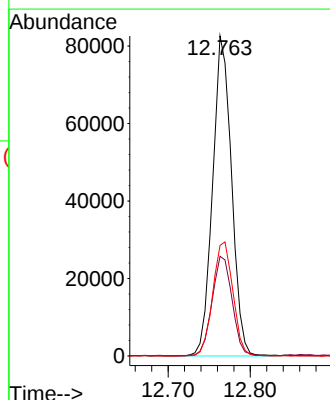
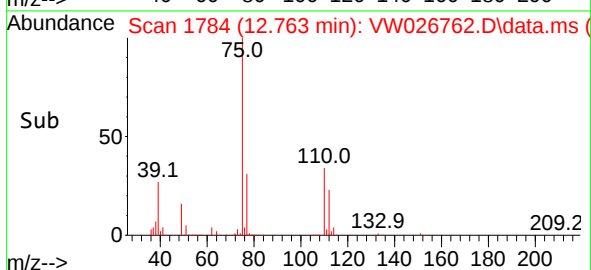
Tgt Ion:105 Resp: 956302
Ion Ratio Lower Upper
105 100
120 25.6 21.0 31.6
77 16.4 13.4 20.2

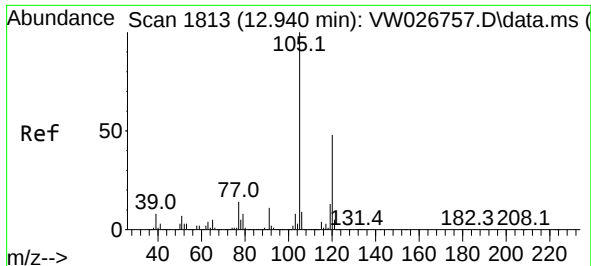


#61
1,2,3-Trichloropropane
Concen: 22.606 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW026762.D
Acq: 18 Aug 2023 09:18



Tgt Ion: 75 Resp: 132188
Ion Ratio Lower Upper
75 100
77 32.8 26.1 39.1
110 37.8 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 27.111 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

Instrument :

MSVOA_W

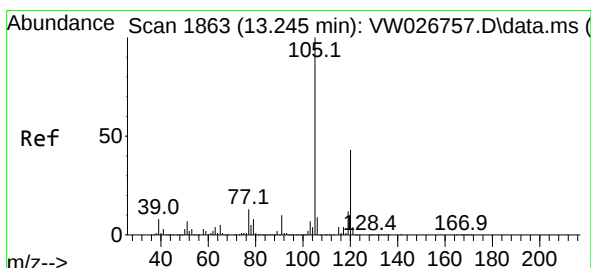
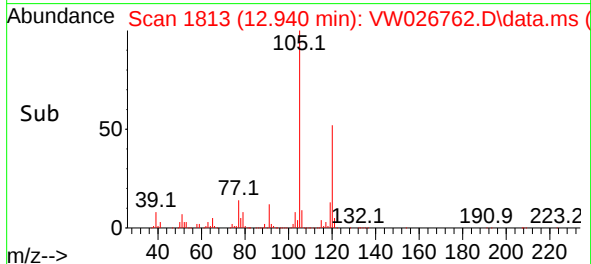
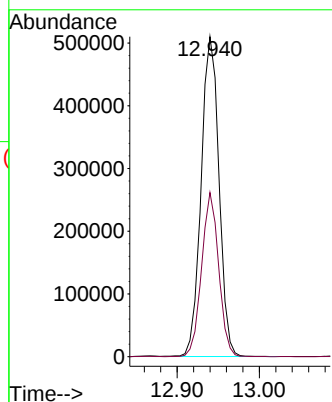
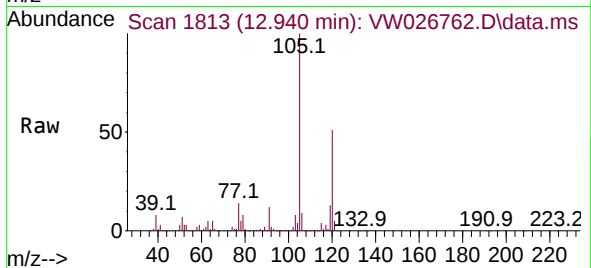
ClientSampleId :

Tgt Ion:105 Resp: 768032

Ion Ratio Lower Upper

105 100

120 49.1 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 27.923 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW026762.D

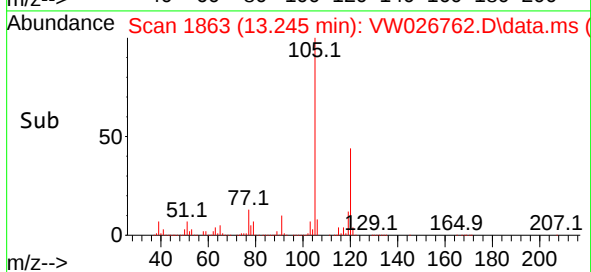
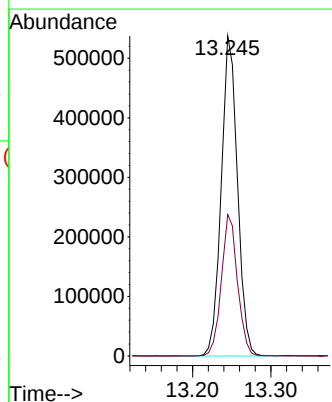
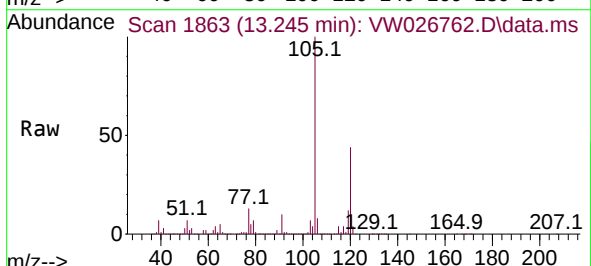
Acq: 18 Aug 2023 09:18

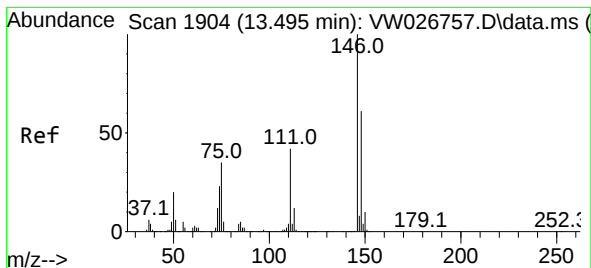
Tgt Ion:105 Resp: 775154

Ion Ratio Lower Upper

105 100

120 43.8 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 26.320 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

Instrument :

MSVOA_W

ClientSampleId :

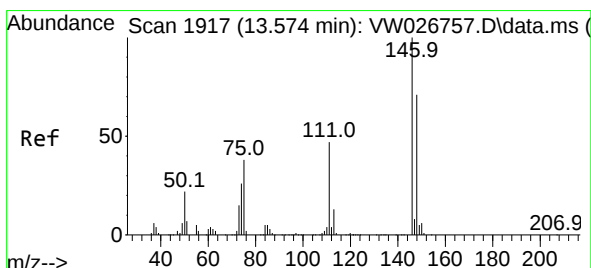
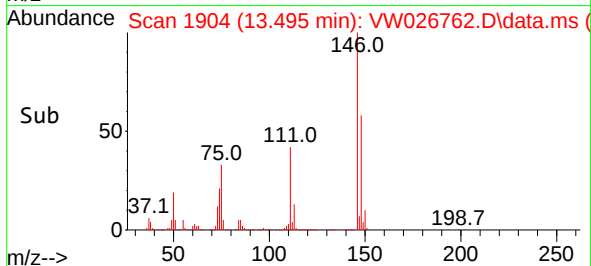
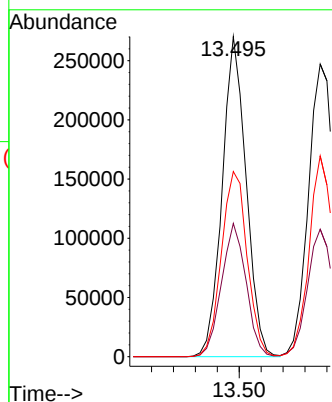
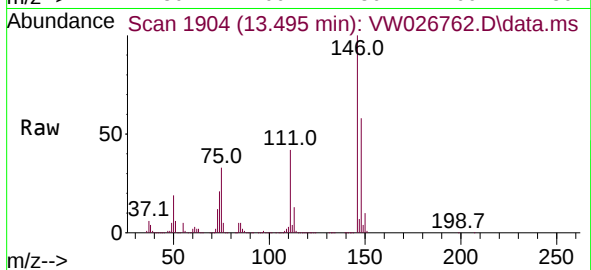
Tgt Ion:146 Resp: 410247

Ion Ratio Lower Upper

146 100

111 41.6 29.1 54.1

148 57.8 38.8 72.0



#65

1,4-Dichlorobenzene

Concen: 25.140 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

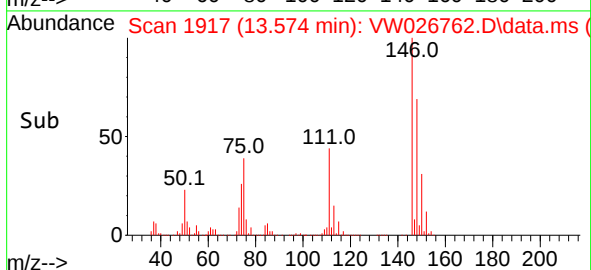
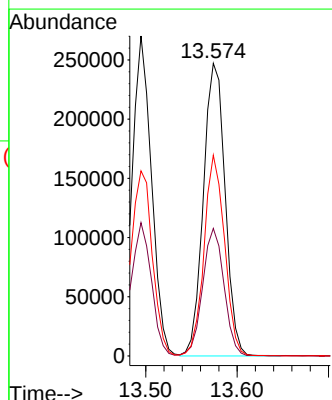
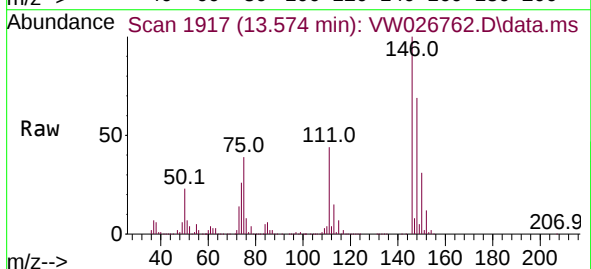
Tgt Ion:146 Resp: 408946

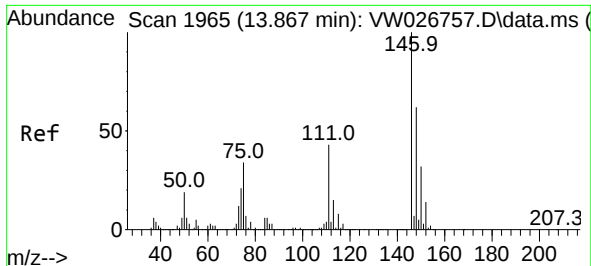
Ion Ratio Lower Upper

146 100

111 43.6 28.3 52.7

148 68.6 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 25.544 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

Instrument :

MSVOA_W

ClientSampleId :

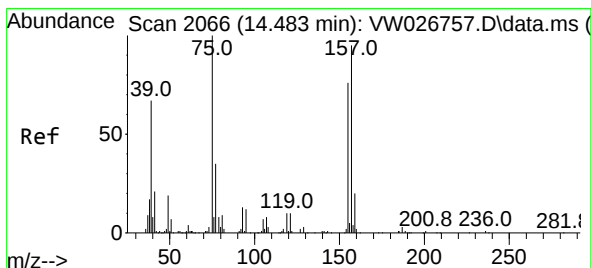
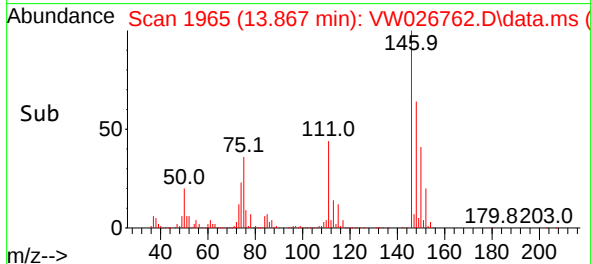
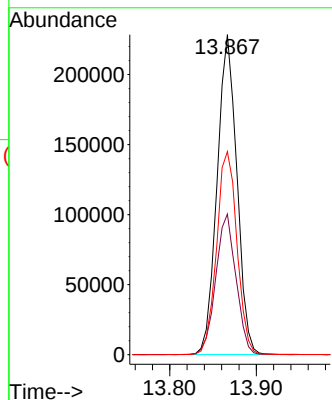
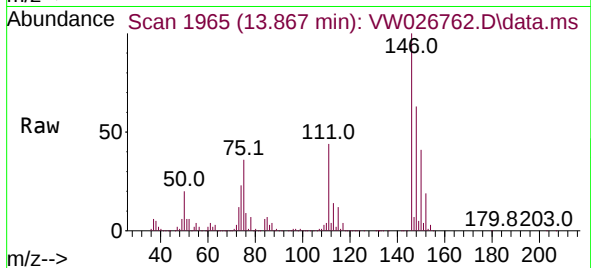
Tgt Ion:146 Resp: 362060

Ion Ratio Lower Upper

146 100

111 44.0 34.6 52.0

148 63.5 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 21.088 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

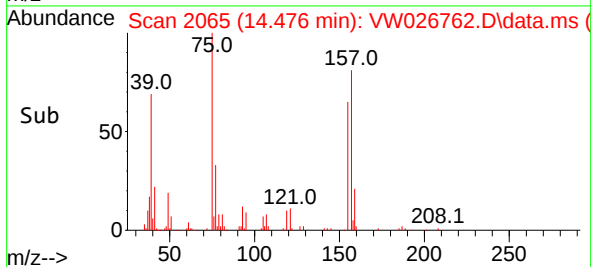
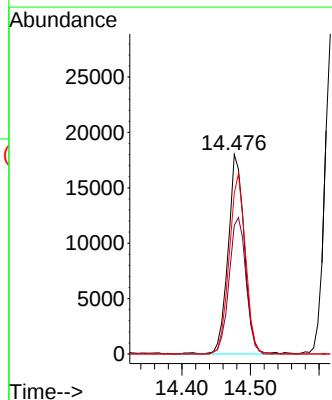
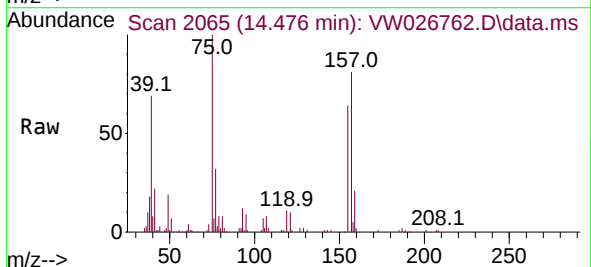
Tgt Ion: 75 Resp: 29728

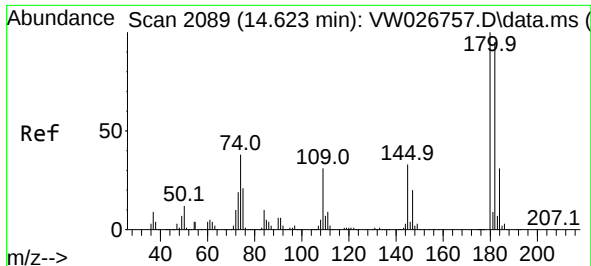
Ion Ratio Lower Upper

75 100

155 64.5 55.0 82.6

157 80.6 77.8 116.6





#69

1,3,5-Trichlorobenzene

Concen: 25.370 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

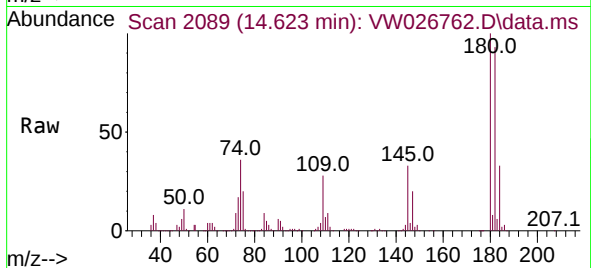
Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 267165

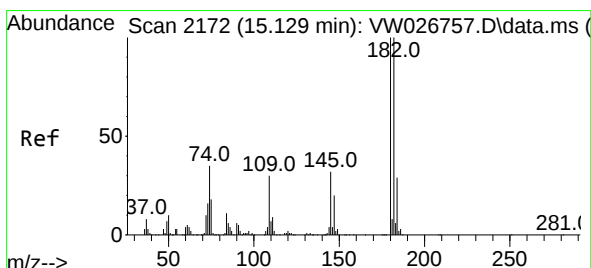
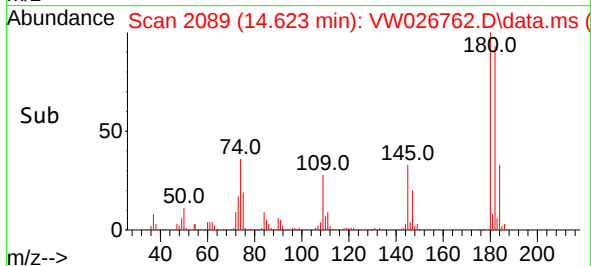
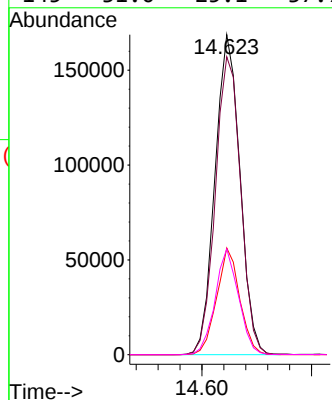
Ion Ratio Lower Upper

180 100

182 94.2 75.2 112.8

184 30.9 23.8 35.8

145 31.0 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 24.102 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

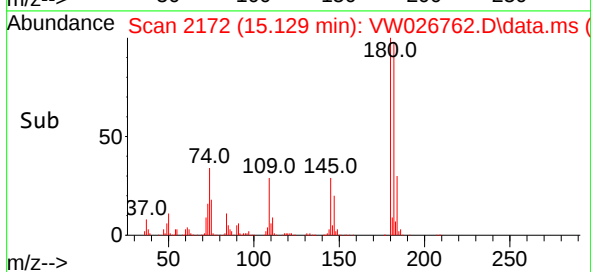
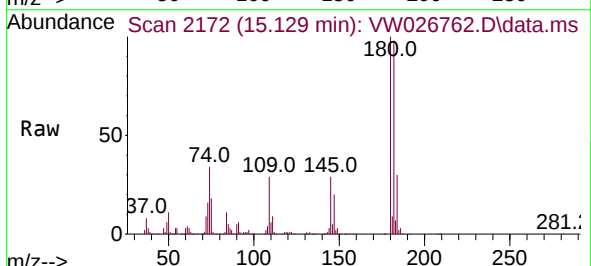
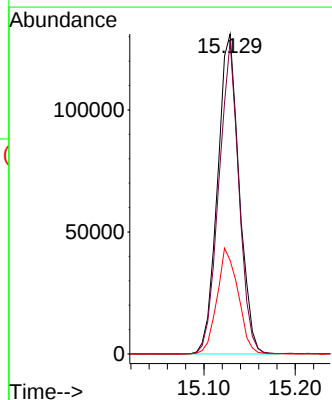
Tgt Ion:180 Resp: 215197

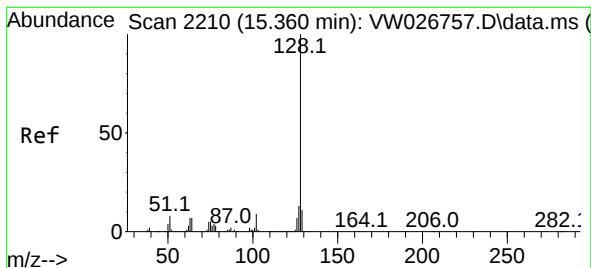
Ion Ratio Lower Upper

180 100

182 90.8 72.5 108.7

145 32.3 24.7 37.1





#71

Naphthalene

Concen: 23.548 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

Instrument :

MSVOA_W

ClientSampleId :

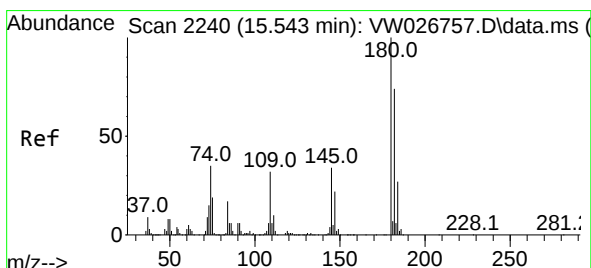
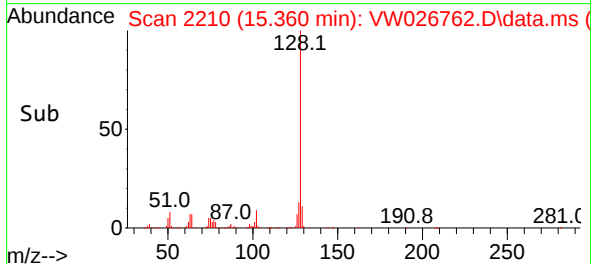
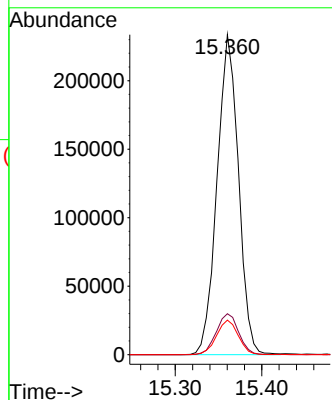
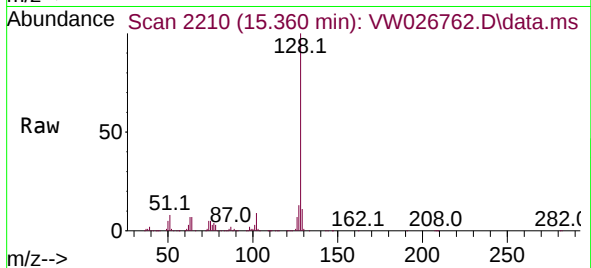
Tgt Ion:128 Resp: 401045

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 11.0 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 24.257 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW026762.D

Acq: 18 Aug 2023 09:18

Tgt Ion:180 Resp: 195346

Ion Ratio Lower Upper

180 100

182 96.0 74.6 112.0

145 34.1 27.0 40.6

