

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
 Data File : VW026882.D
 Acq On : 25 Aug 2023 03:41
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 25 05:26:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 25 05:00:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	639281	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	617066	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	335707	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	205077	19.514	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.040%
7) Chloroethane-d5	2.899	69	166350	21.287	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.160%
11) 1,1-Dichloroethene-d2	4.021	65	99872	19.322	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.280%
21) 2-Butanone-d5	7.081	46	136825	45.299	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.600%
24) Chloroform-d	7.648	84	488821	22.782	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.120%
26) 1,2-Dichloroethane-d4	8.307	65	265515	22.424	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.680%
32) Benzene-d6	8.276	84	1003197	23.589	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.360%
36) 1,2-Dichloropropane-d6	9.270	67	312556	23.594	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.360%
41) Toluene-d8	10.325	98	890145	24.383	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.520%
43) trans-1,3-Dichloroprop...	10.575	79	118207	21.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.440%
47) 2-Hexanone-d5	10.922	63	72955	52.412	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	261464	24.993	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	304082	25.307	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	155851	17.931	ug/L	97
3) Chloromethane	2.222	50	210697	17.728	ug/L	97
5) Vinyl chloride	2.375	62	220654	19.421	ug/L	100
6) Bromomethane	2.789	94	130365	19.694	ug/L	96
8) Chloroethane	2.930	64	137223	20.157	ug/L	97
9) Trichlorofluoromethane	3.265	101	162526	17.430	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	203994	20.254	ug/L	# 75
12) 1,1-Dichloroethene	4.045	96	198952	21.055	ug/L	94
13) Acetone	4.131	43	89309	29.737	ug/L	94
14) Carbon disulfide	4.393	76	585564	17.226	ug/L	99
15) Methyl Acetate	4.673	43	145662	24.213	ug/L	95
16) Methylene chloride	4.917	84	258527	20.906	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	226798	21.509	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	427650	26.805	ug/L	96
19) 1,1-Dichloroethane	6.216	63	470806	21.695	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	263785	23.275	ug/L	94
22) 2-Butanone	7.173	43	160106	36.175	ug/L	94
23) Bromochloromethane	7.514	128	115007	23.491	ug/L	90
25) Chloroform	7.679	83	452615	21.589	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
 Data File : VW026882.D
 Acq On : 25 Aug 2023 03:41
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

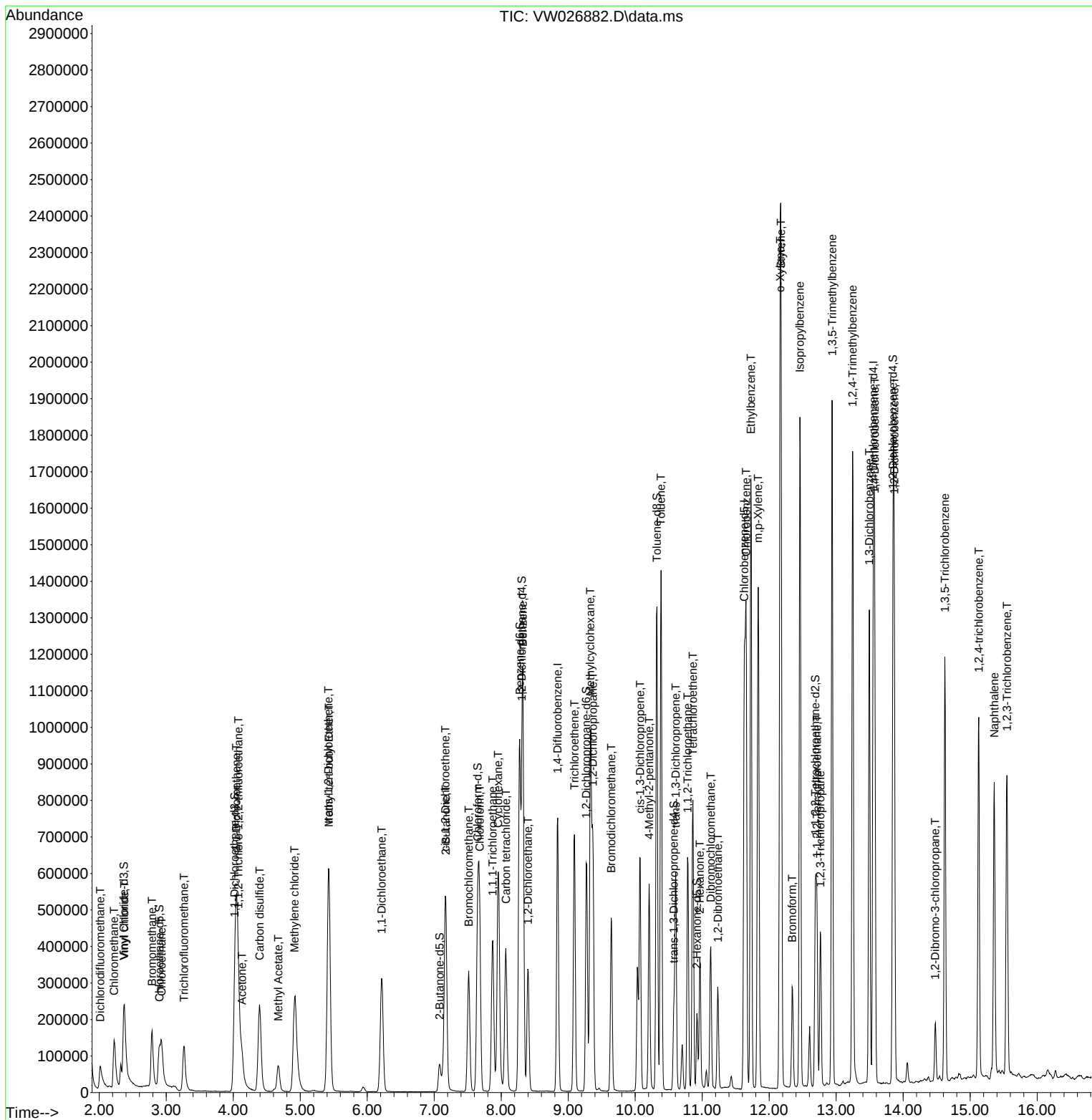
Instrument :
 MSVOA_W
 ClientSampleId :

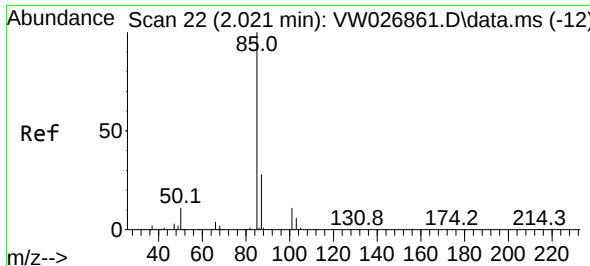
Quant Time: Aug 25 05:26:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 25 05:00:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	313420	21.429	ug/L	100
29) Cyclohexane	7.953	56	378912	19.856	ug/L	95
30) 1,1,1-Trichloroethane	7.874	97	350593	21.770	ug/L	98
31) Carbon tetrachloride	8.069	117	305893	20.774	ug/L	94
33) Benzene	8.325	78	1002856	22.317	ug/L	100
34) Trichloroethene	9.093	95	254821	22.265	ug/L	98
35) Methylcyclohexane	9.331	83	401564	20.510	ug/L	96
37) 1,2-Dichloropropane	9.367	63	272956	22.176	ug/L	99
38) Bromodichloromethane	9.642	83	324632	22.483	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	397168	22.430	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	374788	46.812	ug/L	95
42) Toluene	10.386	91	1046566	23.023	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	330380	21.677	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	202140	24.013	ug/L	97
46) Tetrachloroethene	10.861	164	189010	22.732	ug/L	95
48) 2-Hexanone	10.965	43	233844	42.924	ug/L	95
49) Dibromochloromethane	11.129	129	211599	24.034	ug/L	98
50) 1,2-Dibromoethane	11.233	107	189663	24.013	ug/L	98
51) Chlorobenzene	11.654	112	667988	23.264	ug/L	99
52) Ethylbenzene	11.727	91	1178343	23.116	ug/L	95
53) m,p-Xylene	11.836	106	451090	23.886	ug/L	89
54) o-Xylene	12.166	106	432637	24.546	ug/L	98
55) Styrene	12.178	104	758956	24.766	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	246769	23.147	ug/L	99
59) Bromoform	12.342	173	131158	24.940	ug/L	95
60) Isopropylbenzene	12.458	105	1179741	23.637	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	183252	22.504	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	964882	24.458	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	959810	24.828	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	520619	23.984	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	521482	23.020	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	476185	24.124	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	42521	21.660	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	348063	23.734	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	313832	25.240	ug/L	97
71) Naphthalene	15.360	128	678392	28.603	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	297874	26.561	ug/L	98

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

Quant Time: Aug 25 05:26:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 25 05:00:16 2023
Response via : Initial Calibration

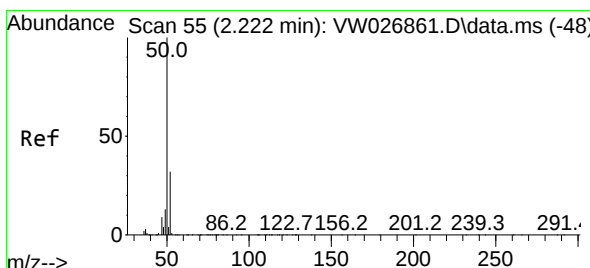
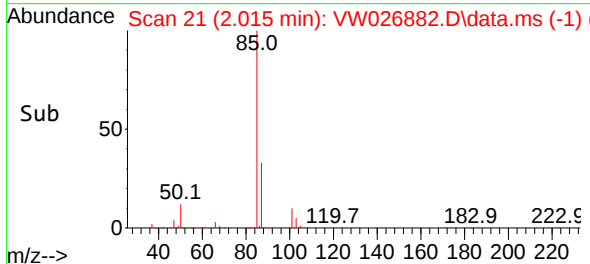
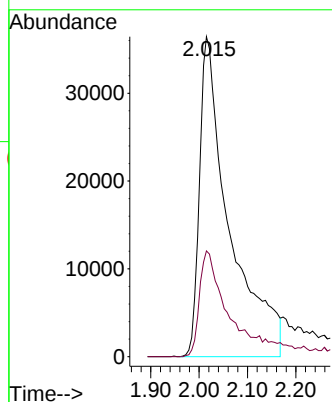
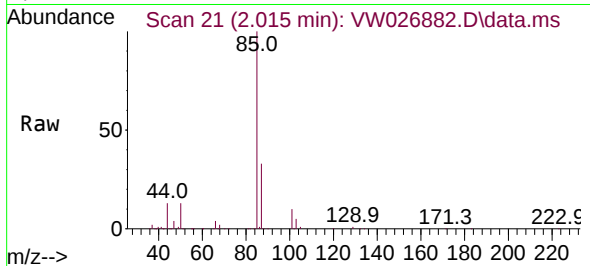




#2
 Dichlorodifluoromethane
 Concen: 17.931 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW026882.D
 Acq: 25 Aug 2023 03:41

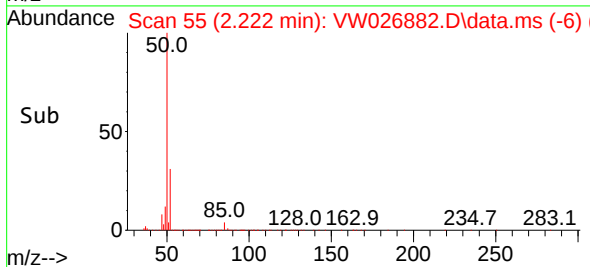
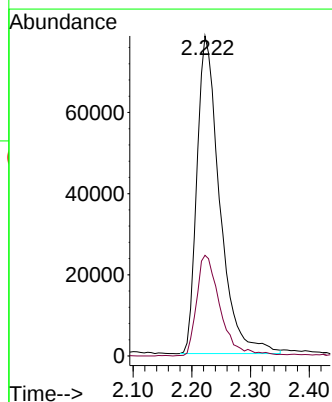
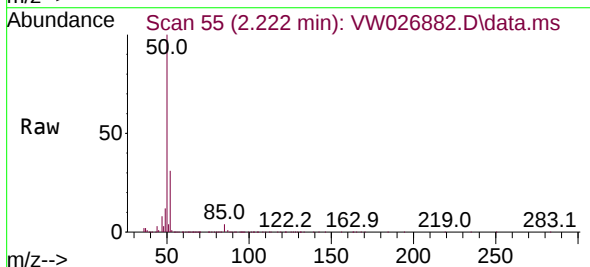
Instrument :
 MSVOA_W
 ClientSampleId :

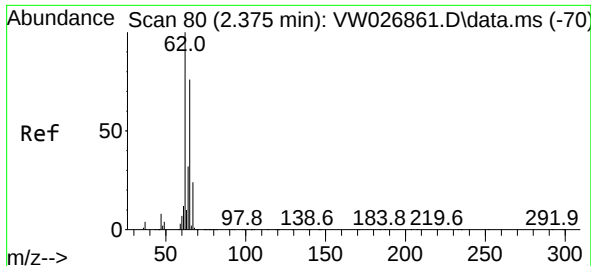
Tgt Ion: 85 Resp: 155851
 Ion Ratio Lower Upper
 85 100
 87 25.7 19.5 29.3



#3
 Chloromethane
 Concen: 17.728 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW026882.D
 Acq: 25 Aug 2023 03:41

Tgt Ion: 50 Resp: 210697
 Ion Ratio Lower Upper
 50 100
 52 31.5 23.0 42.8

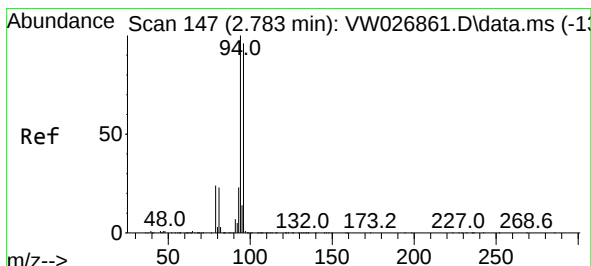
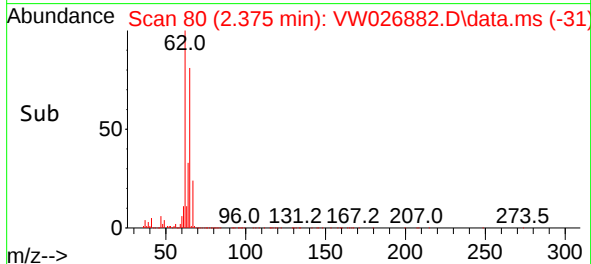
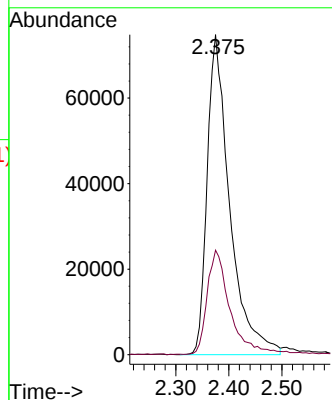
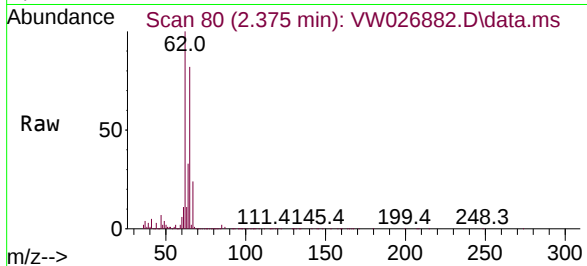




#5
 Vinyl chloride
 Concen: 19.421 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026882.D
 Acq: 25 Aug 2023 03:41

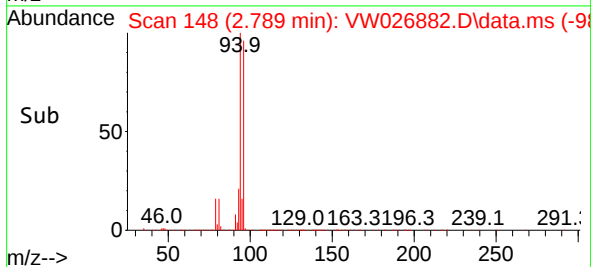
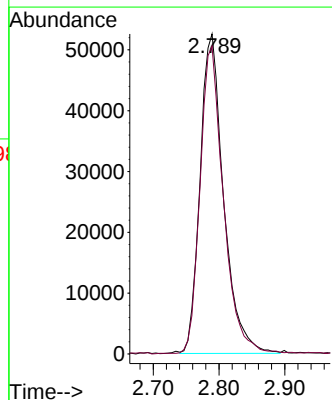
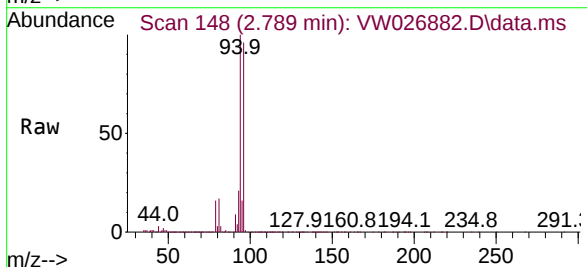
Instrument :
 MSVOA_W
 ClientSampleId :

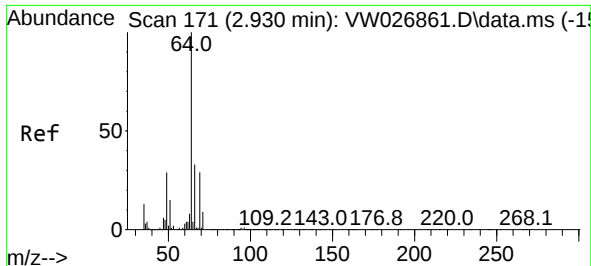
Tgt Ion: 62 Resp: 220654
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.7 42.3



#6
 Bromomethane
 Concen: 19.694 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW026882.D
 Acq: 25 Aug 2023 03:41

Tgt Ion: 94 Resp: 130365
 Ion Ratio Lower Upper
 94 100
 96 96.2 64.8 120.3

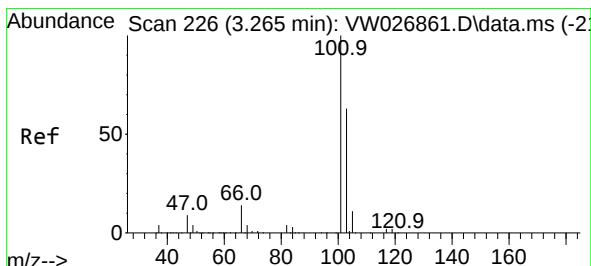
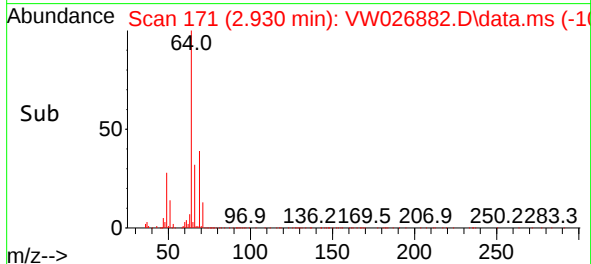
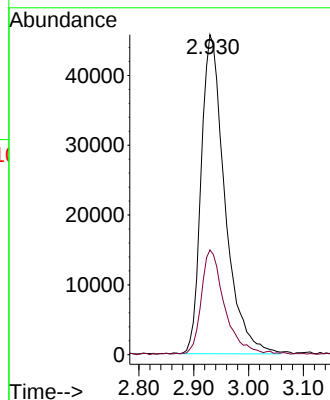
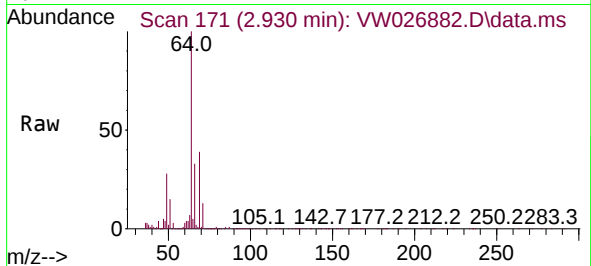




#8
Chloroethane
Concen: 20.157 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

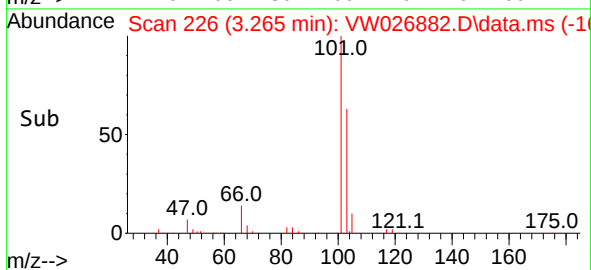
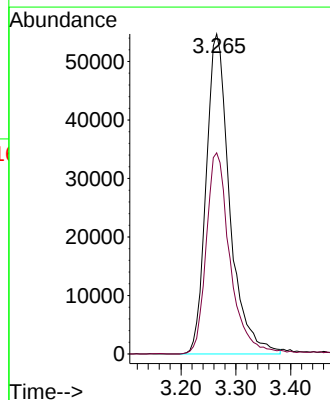
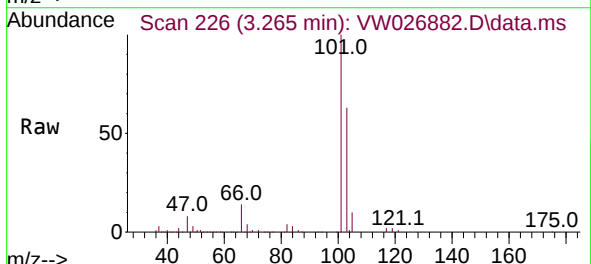
Instrument :
MSVOA_W
ClientSampleId :

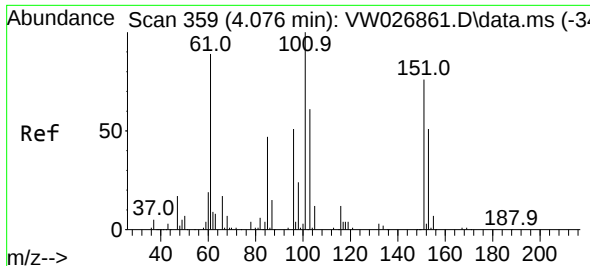
Tgt Ion: 64 Resp: 137223
Ion Ratio Lower Upper
64 100
66 32.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 17.430 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

Tgt Ion:101 Resp: 162526
Ion Ratio Lower Upper
101 100
103 63.3 51.9 77.9

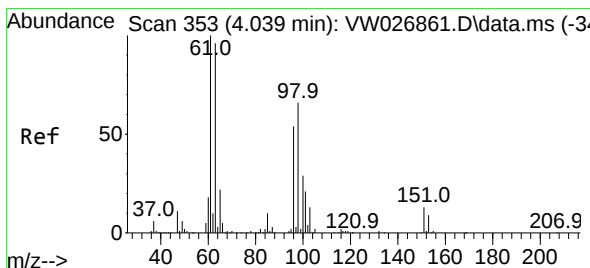
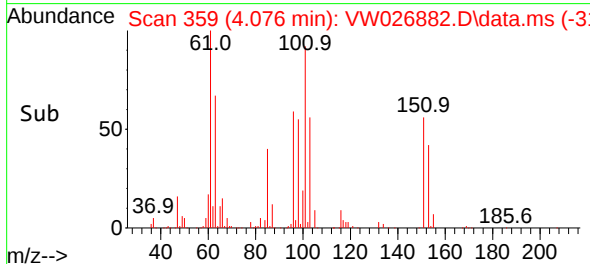
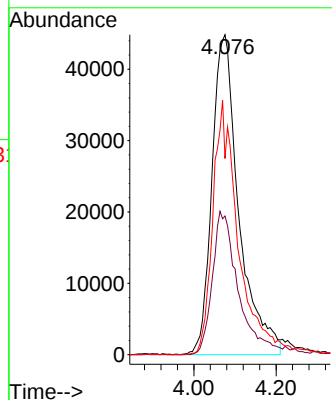
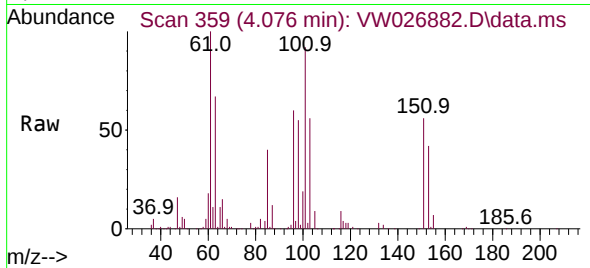




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.254 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW026882.D
 Acq: 25 Aug 2023 03:41

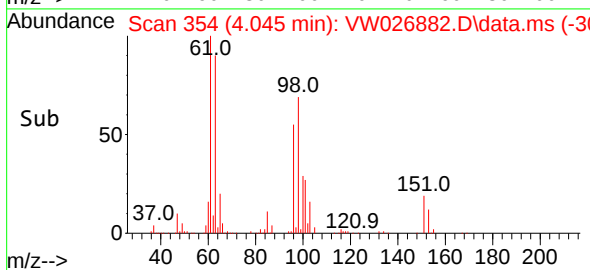
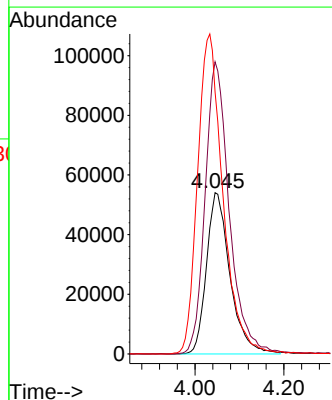
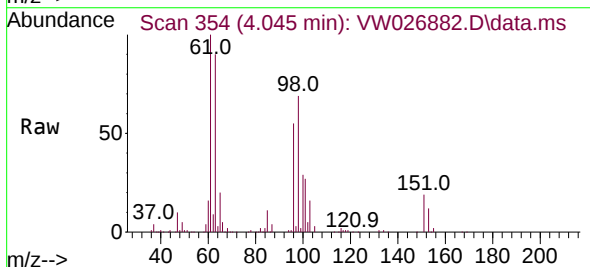
Instrument :
 MSVOA_W
 ClientSampleId :

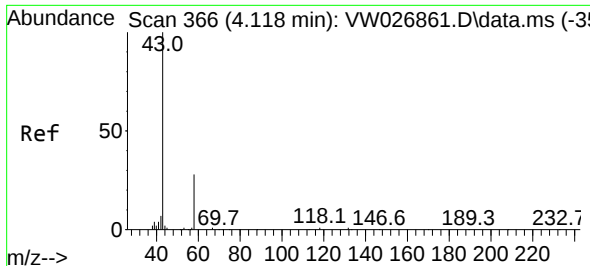
Tgt Ion: 101 Resp: 203994
 Ion Ratio Lower Upper
 101 100
 85 40.4 32.8 49.2
 151 36.2 54.4 81.6#



#12
 1,1-Dichloroethene
 Concen: 21.055 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW026882.D
 Acq: 25 Aug 2023 03:41

Tgt Ion: 96 Resp: 198952
 Ion Ratio Lower Upper
 96 100
 61 181.2 133.2 247.4
 63 162.4 109.0 202.4

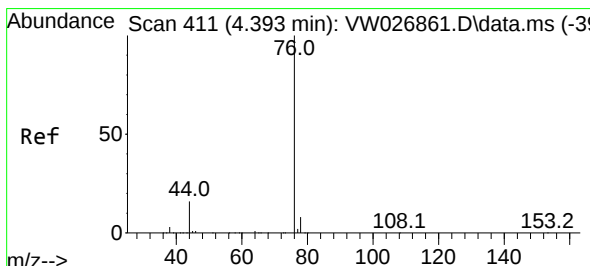
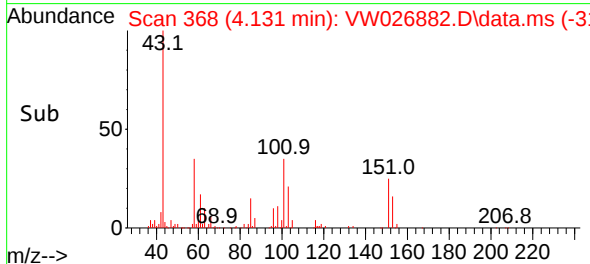
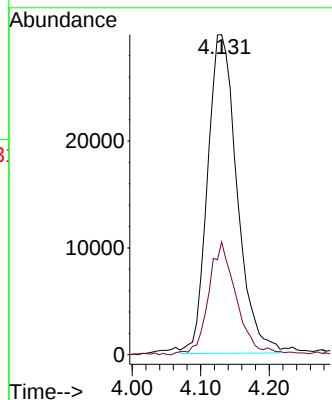
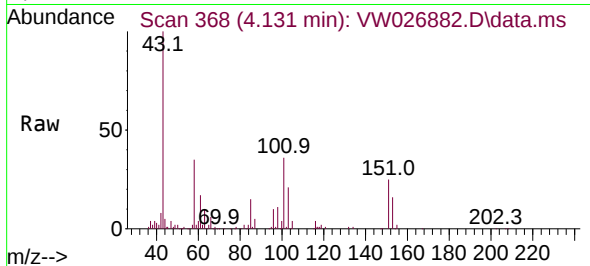




#13
Acetone
Concen: 29.737 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

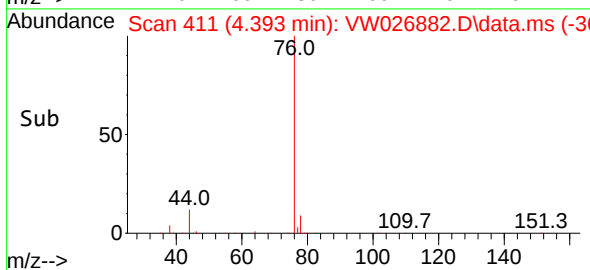
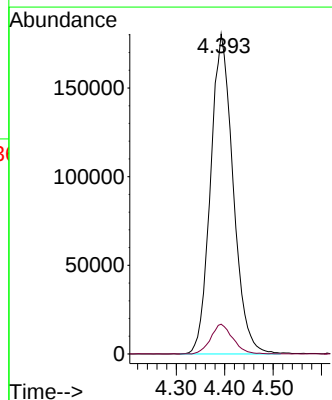
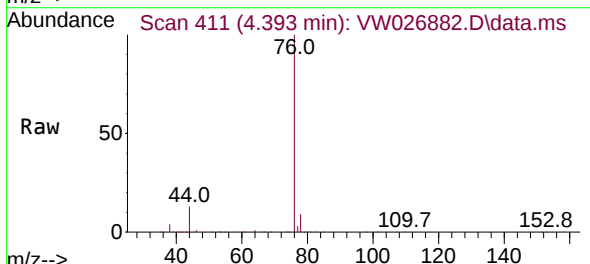
Instrument :
MSVOA_W
ClientSampleId :

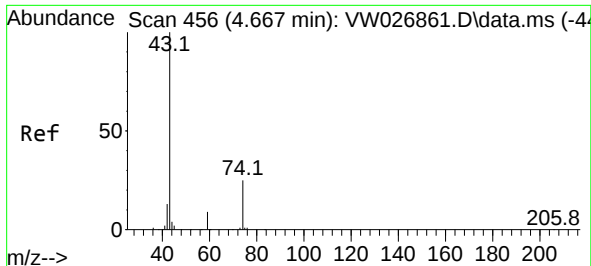
Tgt Ion: 43 Resp: 89309
Ion Ratio Lower Upper
43 100
58 31.7 0.0 57.4



#14
Carbon disulfide
Concen: 17.226 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

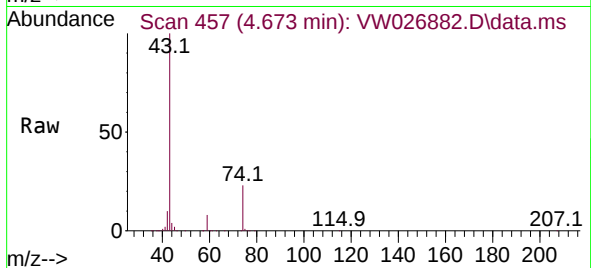
Tgt Ion: 76 Resp: 585564
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



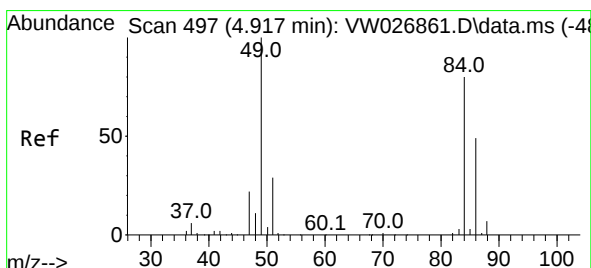
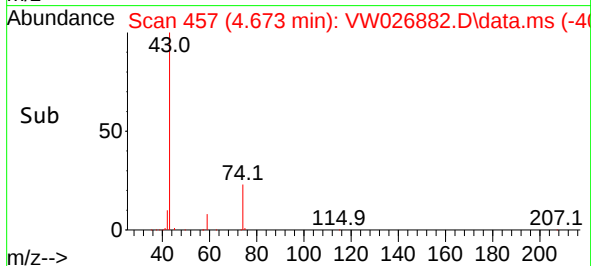
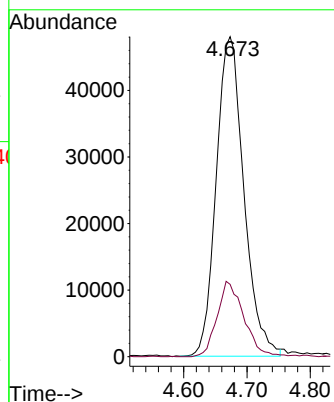


#15
Methyl Acetate
Concen: 24.213 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

Instrument :
MSVOA_W
ClientSampleId :

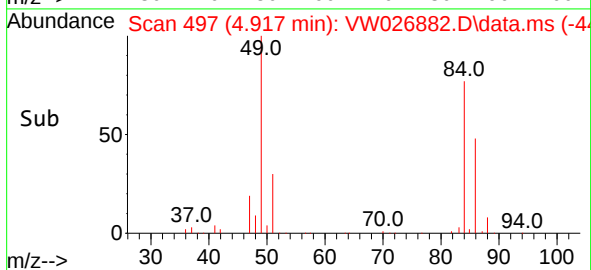
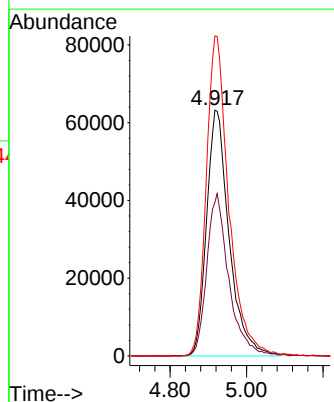
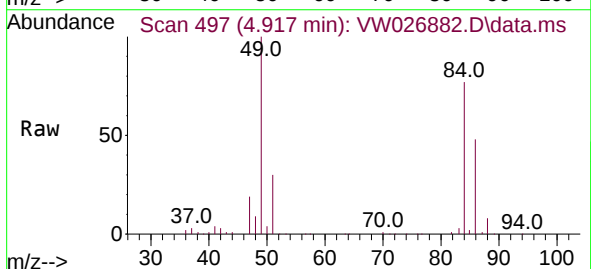


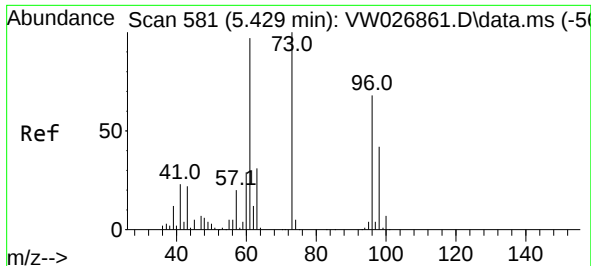
Tgt Ion: 43 Resp: 145662
Ion Ratio Lower Upper
43 100
74 22.8 16.4 24.6



#16
Methylene chloride
Concen: 20.906 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

Tgt Ion: 84 Resp: 258527
Ion Ratio Lower Upper
84 100
86 62.5 43.5 80.9
49 130.2 96.0 178.2

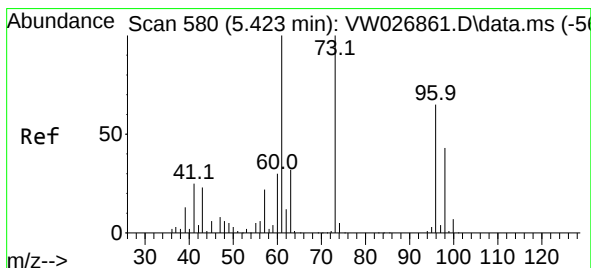
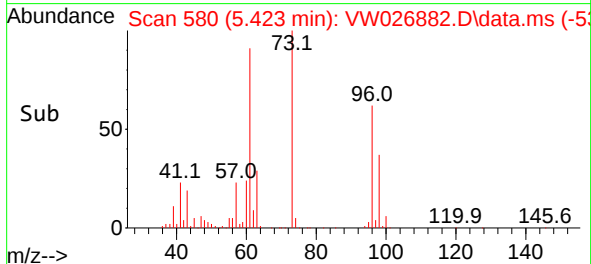
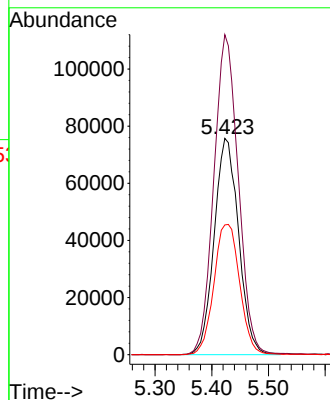
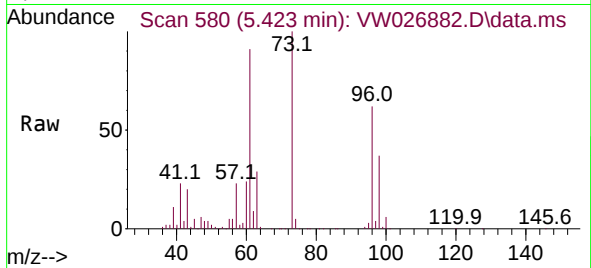




#17
trans-1,2-Dichloroethene
Concen: 21.509 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

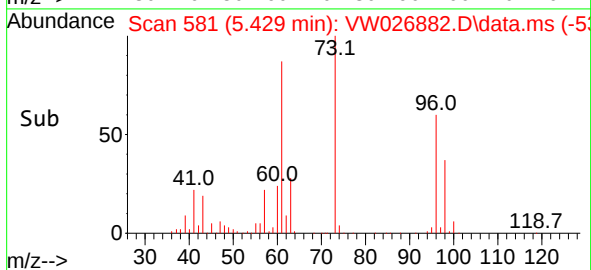
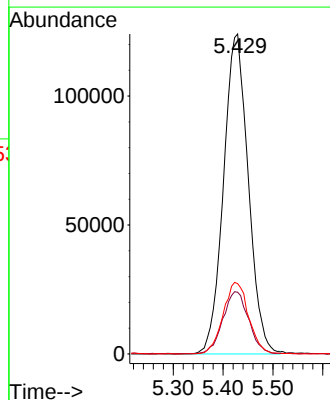
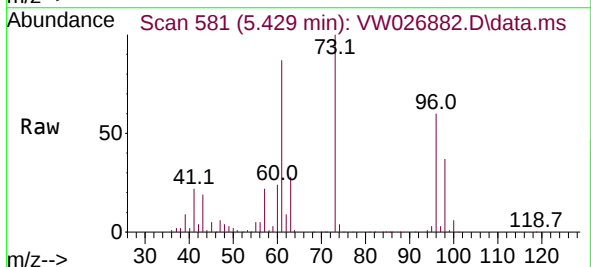
Instrument :
MSVOA_W
ClientSampleId :

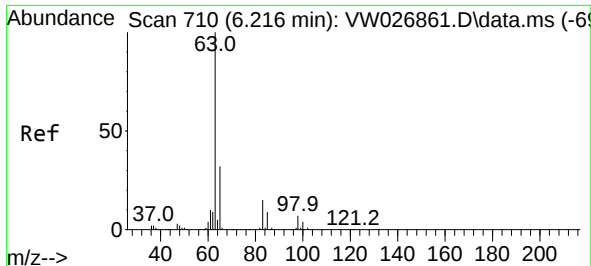
Tgt Ion: 96 Resp: 226798
Ion Ratio Lower Upper
96 100
61 147.9 109.4 203.2
98 60.0 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 26.805 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

Tgt Ion: 73 Resp: 427650
Ion Ratio Lower Upper
73 100
43 20.1 18.0 27.0
57 22.9 19.3 28.9





#19

1,1-Dichloroethane

Concen: 21.695 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026882.D

Acq: 25 Aug 2023 03:41

Instrument :

MSVOA_W

ClientSampleId :

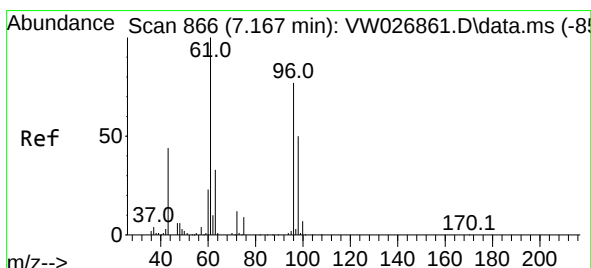
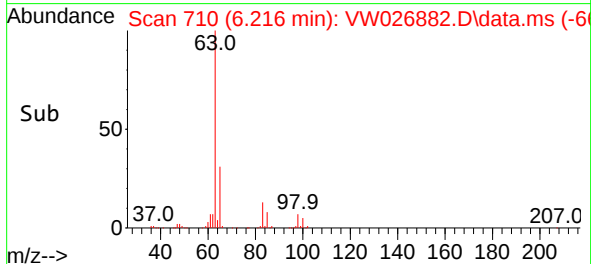
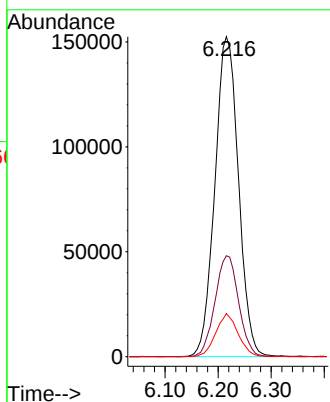
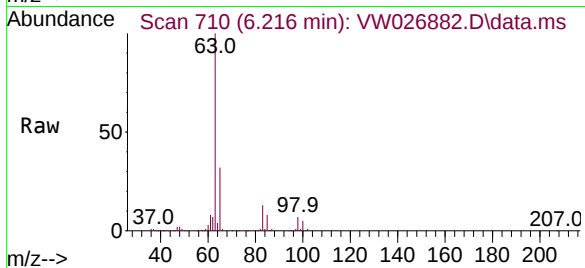
Tgt Ion: 63 Resp: 470806

Ion Ratio Lower Upper

63 100

65 31.5 21.8 40.6

83 13.5 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 23.275 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW026882.D

Acq: 25 Aug 2023 03:41

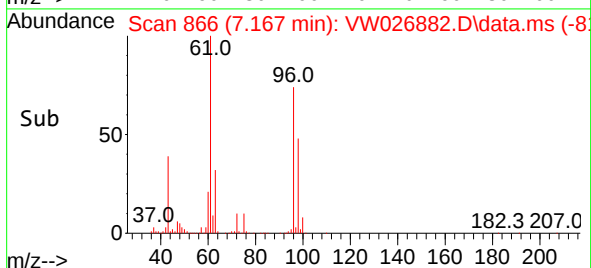
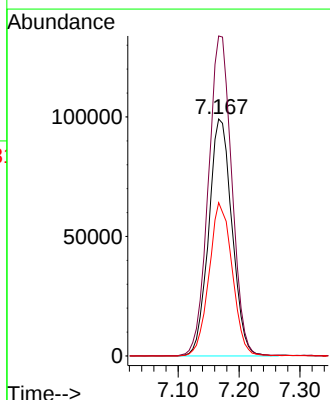
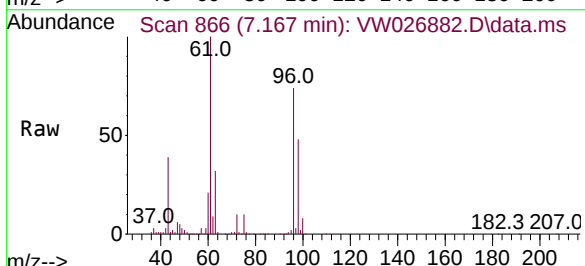
Tgt Ion: 96 Resp: 263785

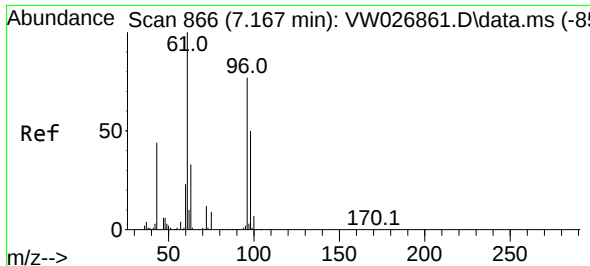
Ion Ratio Lower Upper

96 100

61 135.1 101.2 188.0

98 64.7 43.8 81.3

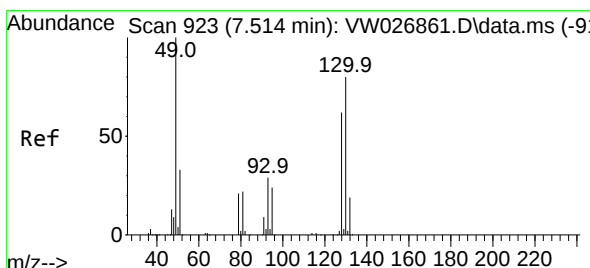
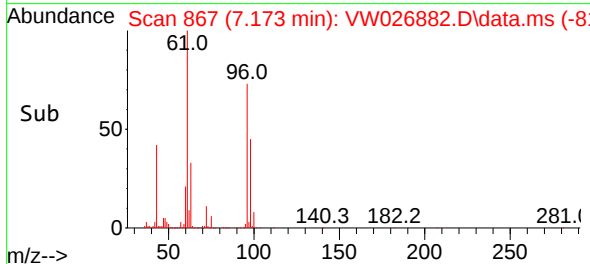
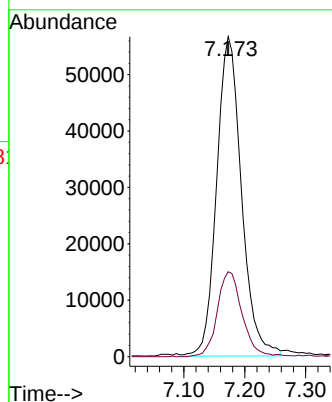
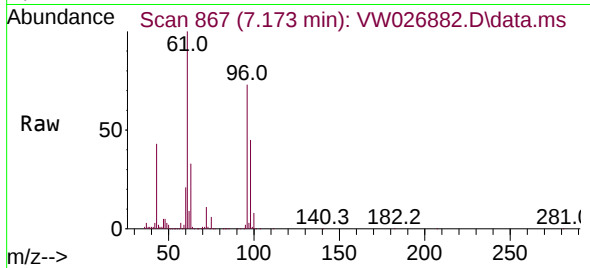




#22
2-Butanone
Concen: 36.175 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

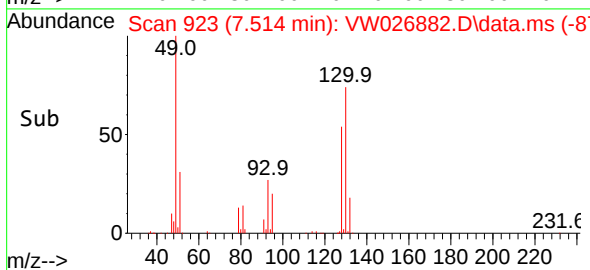
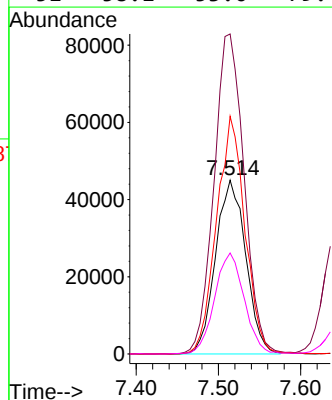
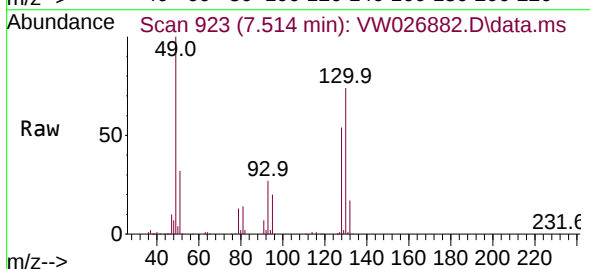
Instrument :
MSVOA_W
ClientSampleId :

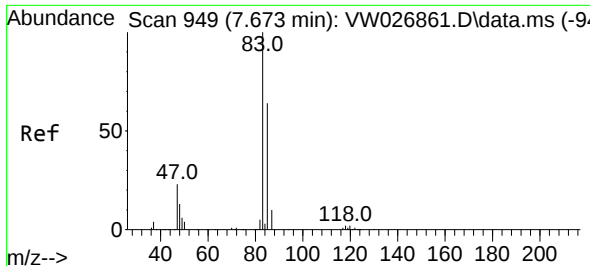
Tgt Ion: 43 Resp: 160106
Ion Ratio Lower Upper
43 100
72 26.4 11.8 35.4



#23
Bromochloromethane
Concen: 23.491 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

Tgt Ion: 128 Resp: 115007
Ion Ratio Lower Upper
128 100
49 184.2 143.1 265.7
130 136.8 91.8 170.4
51 58.1 53.0 79.4

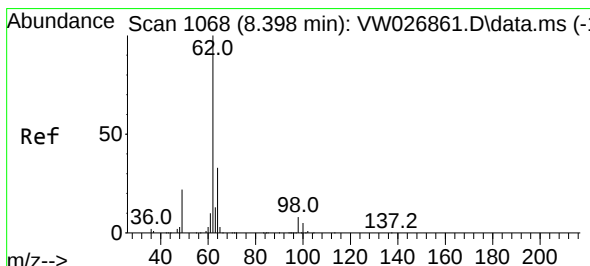
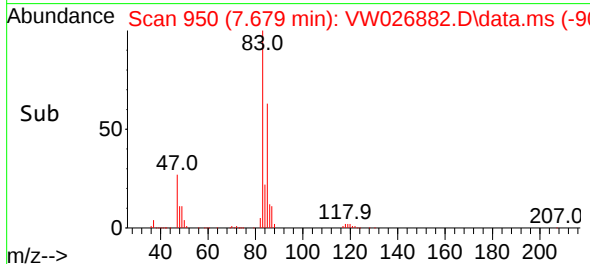
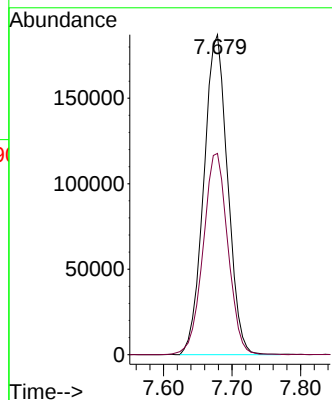
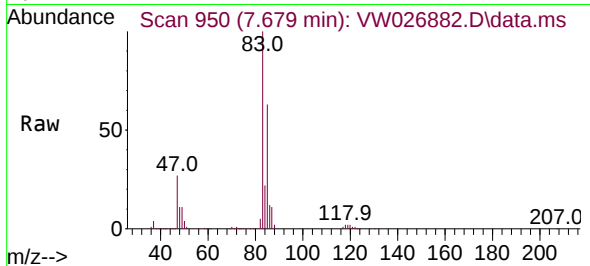




#25
Chloroform
Concen: 21.589 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

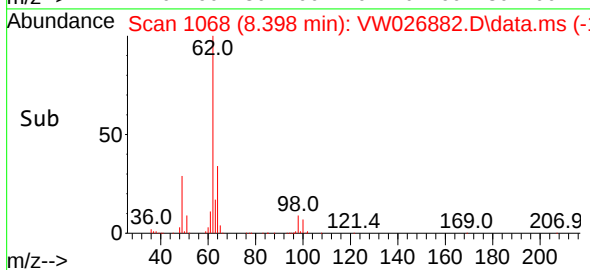
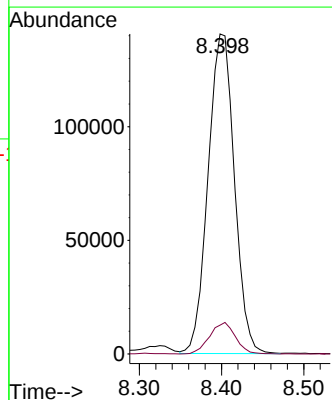
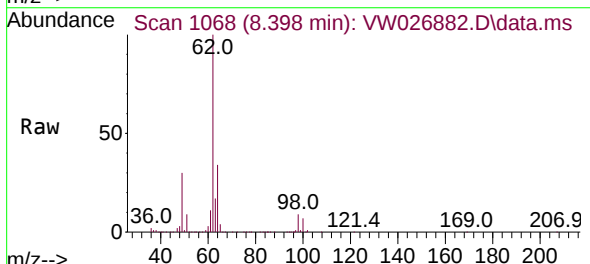
Instrument :
MSVOA_W
ClientSampleId :

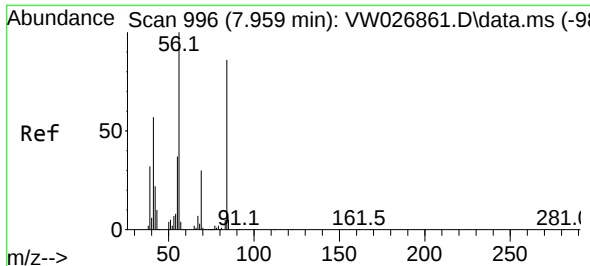
Tgt Ion: 83 Resp: 452615
Ion Ratio Lower Upper
83 100
85 62.9 45.4 84.2



#27
1,2-Dichloroethane
Concen: 21.429 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

Tgt Ion: 62 Resp: 313420
Ion Ratio Lower Upper
62 100
98 9.0 7.1 10.7





#29

Cyclohexane

Concen: 19.856 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

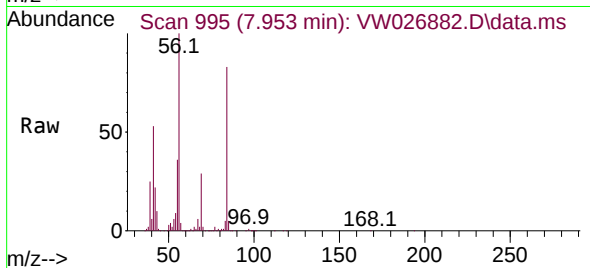
Lab File: VW026882.D

Acq: 25 Aug 2023 03:41

Instrument :

MSVOA_W

ClientSampleId :



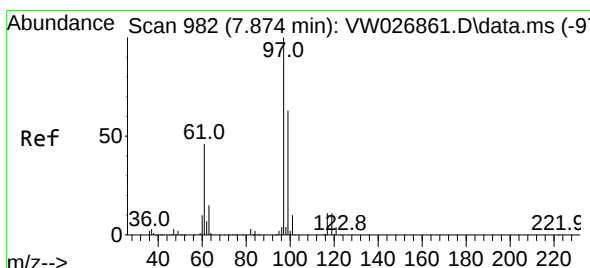
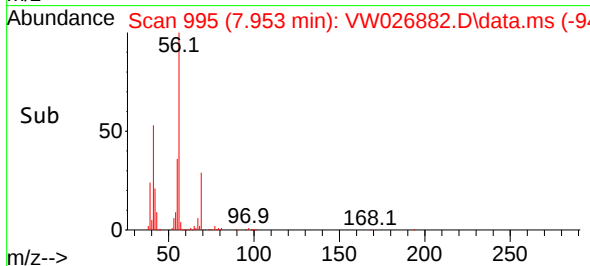
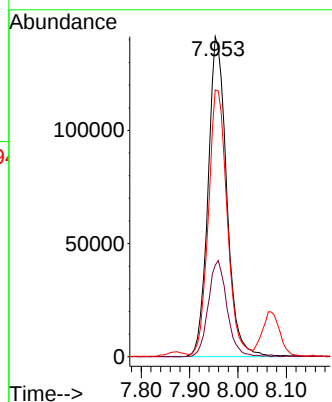
Tgt Ion: 56 Resp: 378912

Ion Ratio Lower Upper

56 100

69 30.0 23.2 34.8

84 84.1 62.7 94.1



#30

1,1,1-Trichloroethane

Concen: 21.770 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW026882.D

Acq: 25 Aug 2023 03:41

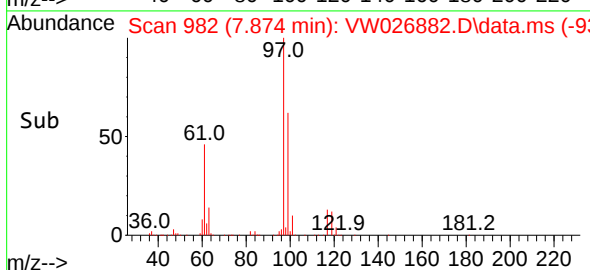
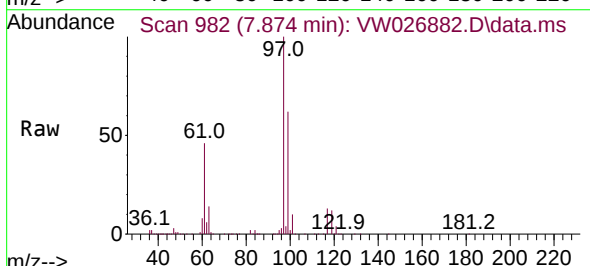
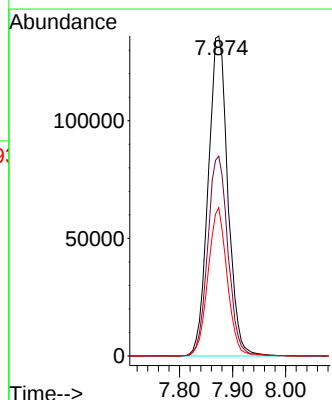
Tgt Ion: 97 Resp: 350593

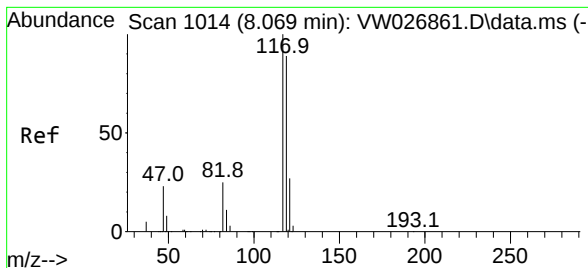
Ion Ratio Lower Upper

97 100

99 64.3 51.2 76.8

61 45.4 39.2 58.8

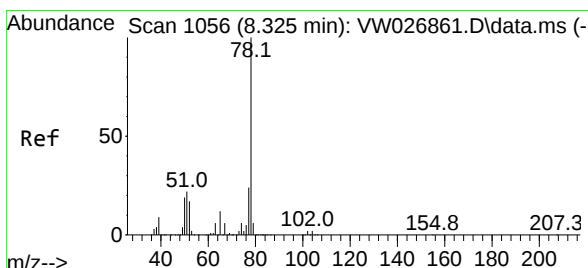
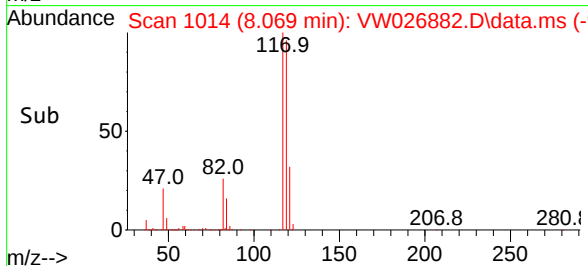
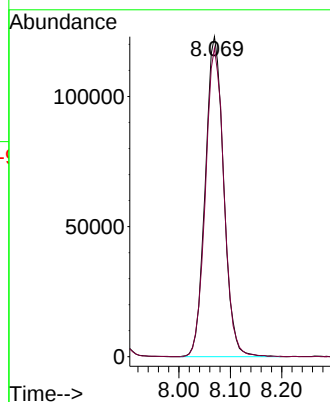
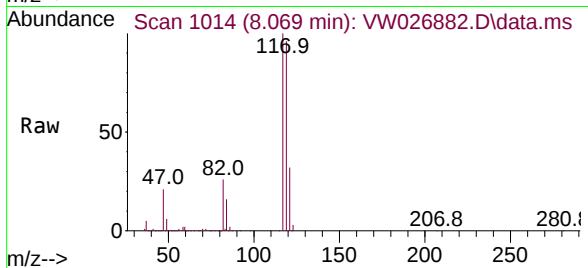




#31
Carbon tetrachloride
Concen: 20.774 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

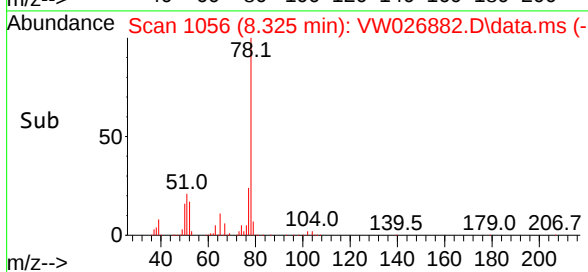
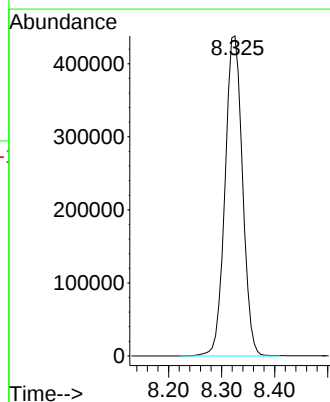
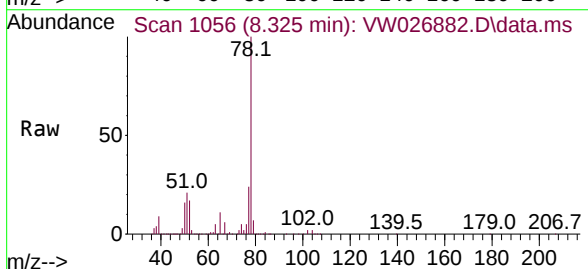
Instrument :
MSVOA_W
ClientSampleId :

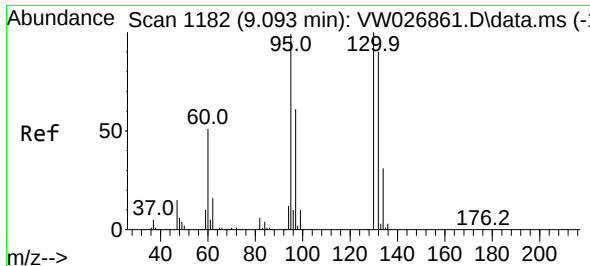
Tgt Ion:117 Resp: 305893
Ion Ratio Lower Upper
117 100
119 97.1 73.0 109.4



#33
Benzene
Concen: 22.317 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

Tgt Ion: 78 Resp: 1002856

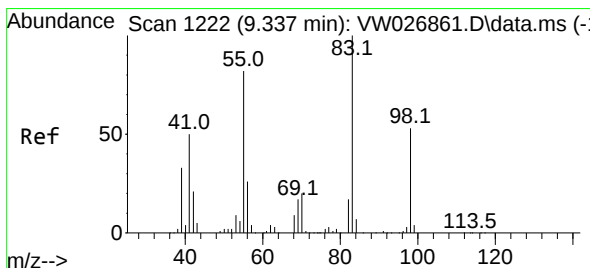
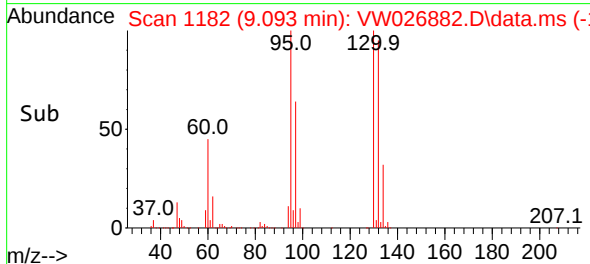
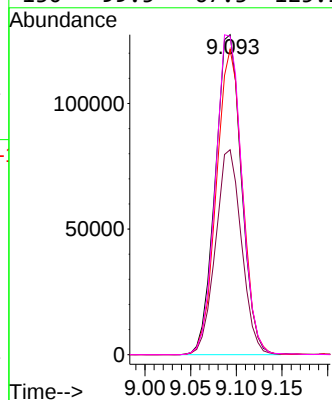
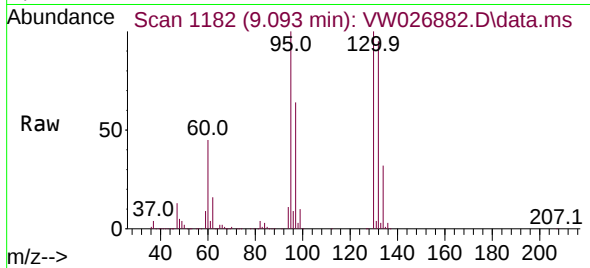




#34
Trichloroethene
Concen: 22.265 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

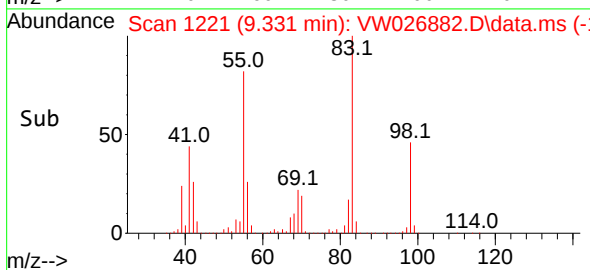
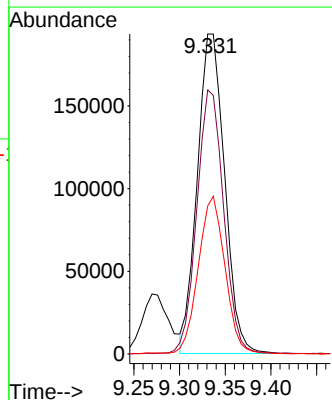
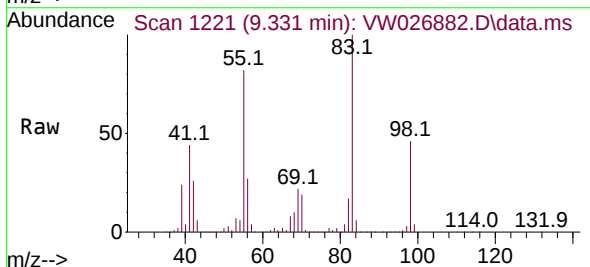
Instrument :
MSVOA_W
ClientSampleId :

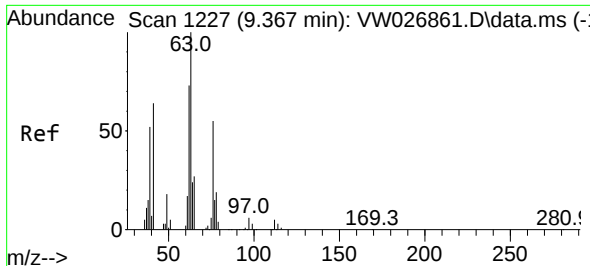
Tgt Ion: 95 Resp: 254821
Ion Ratio Lower Upper
95 100
97 64.0 44.6 82.8
132 95.4 66.4 123.2
130 99.5 67.3 125.1



#35
Methylcyclohexane
Concen: 20.510 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

Tgt Ion: 83 Resp: 401564
Ion Ratio Lower Upper
83 100
55 81.5 69.3 103.9
98 48.4 37.4 56.0





#37

1,2-Dichloropropane

Concen: 22.176 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026882.D

Acq: 25 Aug 2023 03:41

Instrument :

MSVOA_W

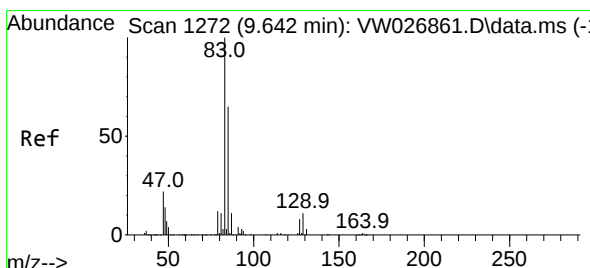
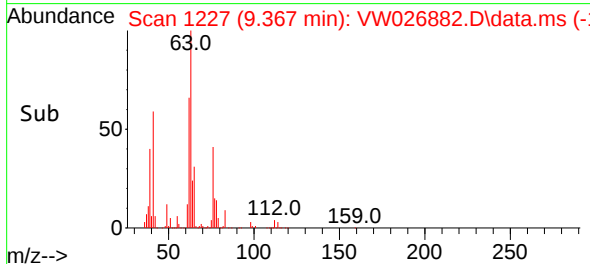
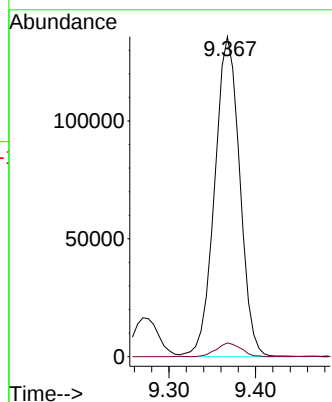
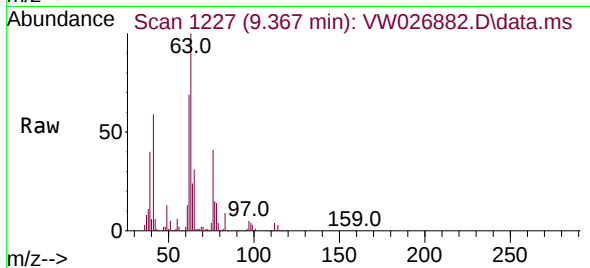
ClientSampleId :

Tgt Ion: 63 Resp: 272956

Ion Ratio Lower Upper

63 100

112 4.2 3.1 4.7



#38

Bromodichloromethane

Concen: 22.483 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026882.D

Acq: 25 Aug 2023 03:41

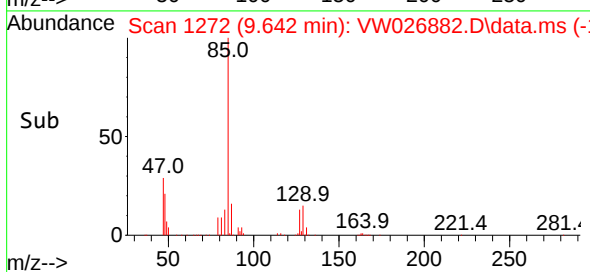
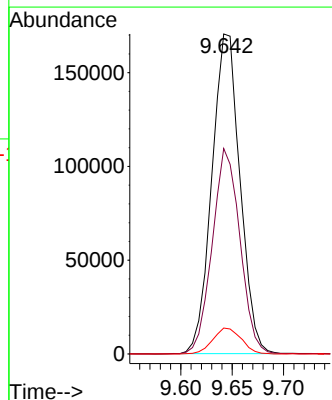
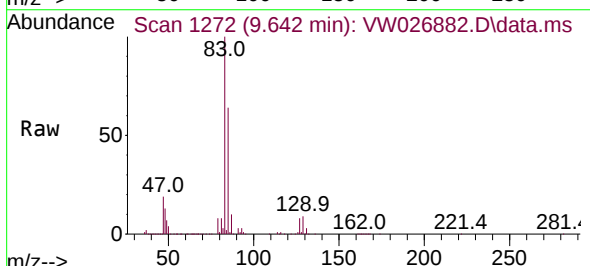
Tgt Ion: 83 Resp: 324632

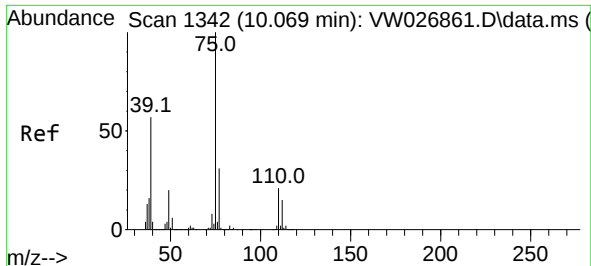
Ion Ratio Lower Upper

83 100

85 64.2 45.4 84.2

127 8.1 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 22.430 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW026882.D

Acq: 25 Aug 2023 03:41

Instrument :

MSVOA_W

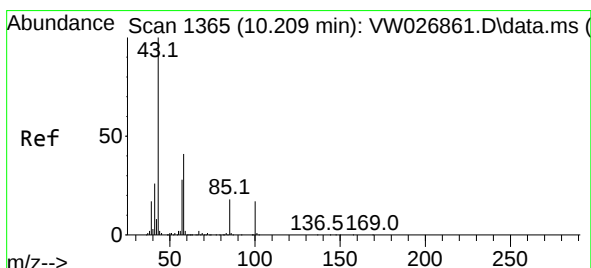
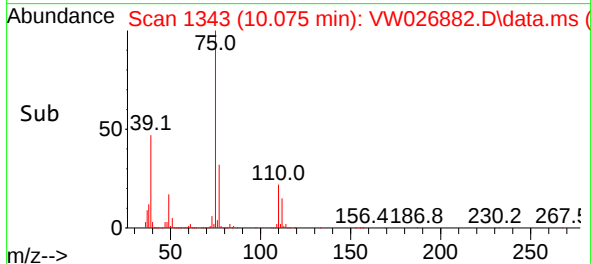
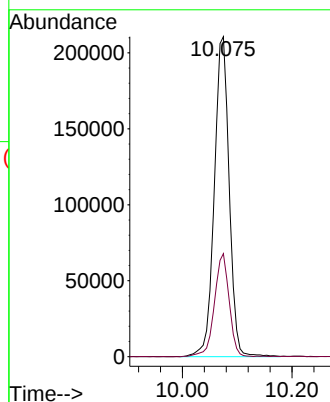
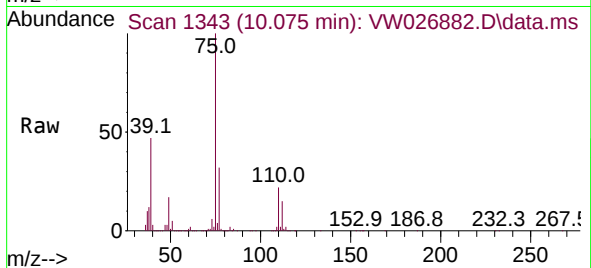
ClientSampleId :

Tgt Ion: 75 Resp: 397168

Ion Ratio Lower Upper

75 100

77 32.2 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 46.812 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026882.D

Acq: 25 Aug 2023 03:41

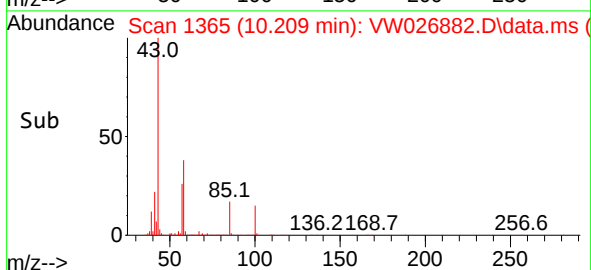
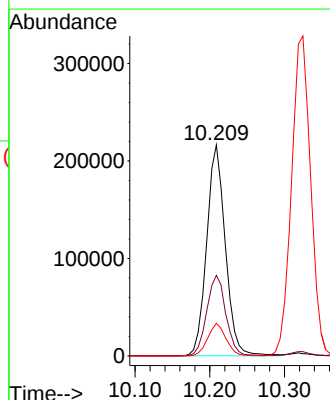
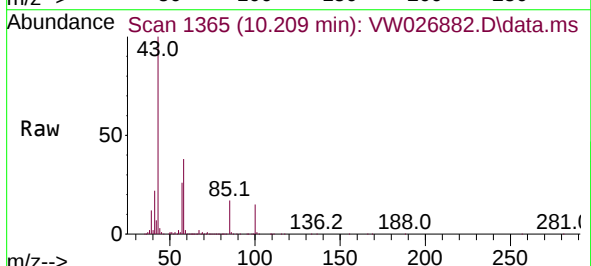
Tgt Ion: 43 Resp: 374788

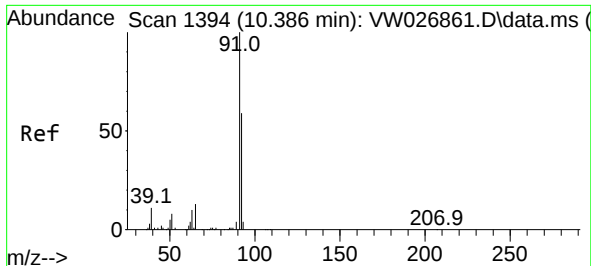
Ion Ratio Lower Upper

43 100

58 39.4 29.2 43.8

100 15.3 10.7 16.1

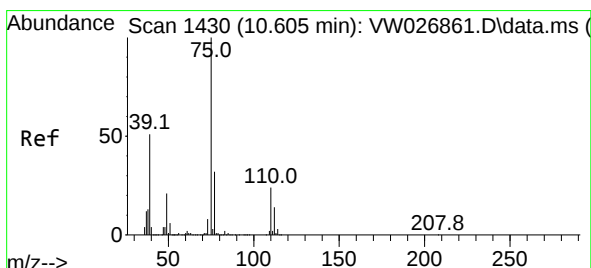
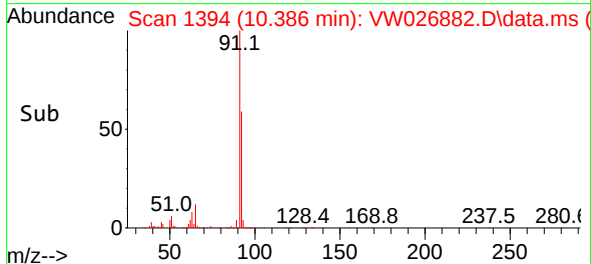
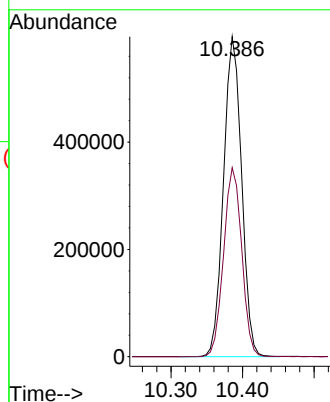
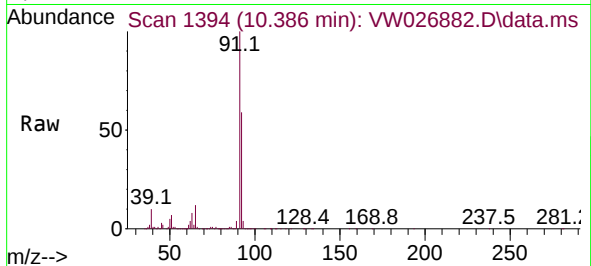




#42
Toluene
Concen: 23.023 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

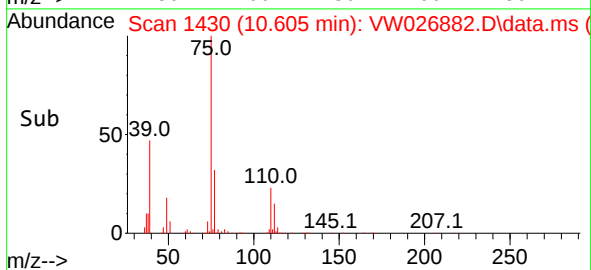
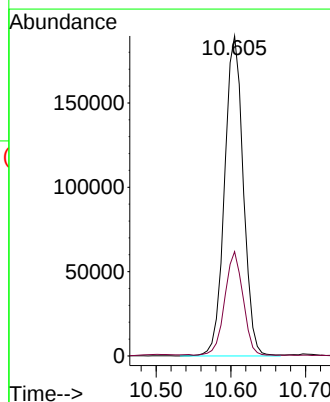
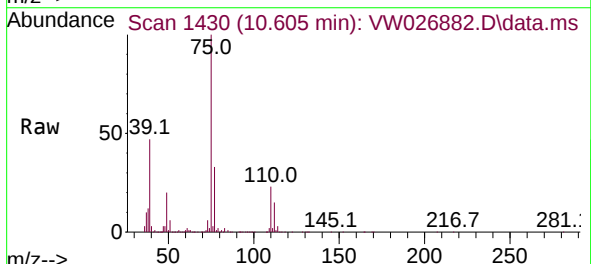
Instrument :
MSVOA_W
ClientSampleId :

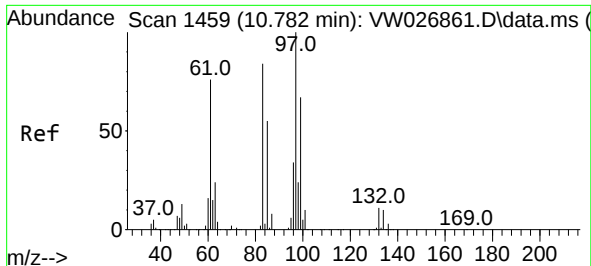
Tgt Ion: 91 Resp: 1046566
Ion Ratio Lower Upper
91 100
92 59.0 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 21.677 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

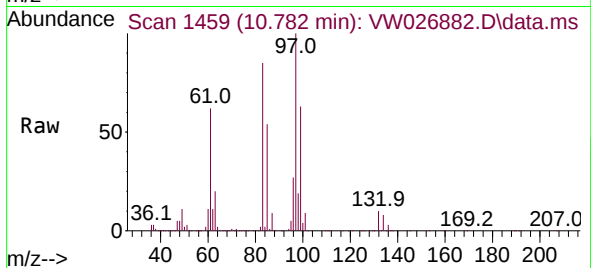
Tgt Ion: 75 Resp: 330380
Ion Ratio Lower Upper
75 100
77 32.6 21.2 39.4



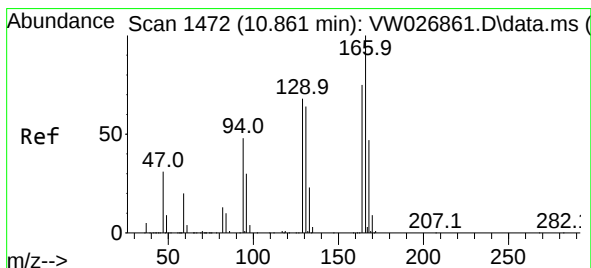
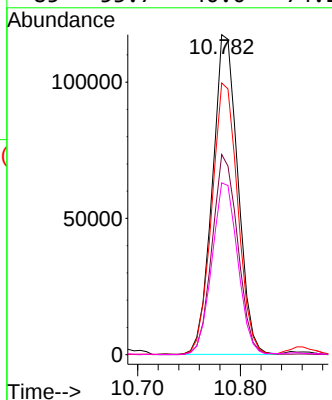
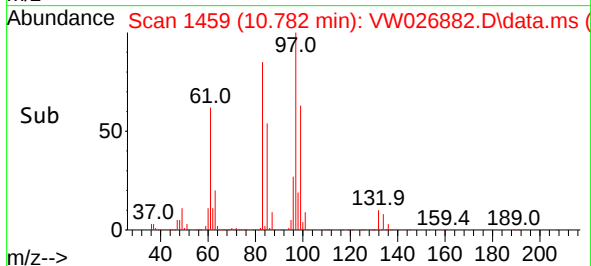


#45
1,1,2-Trichloroethane
Concen: 24.013 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

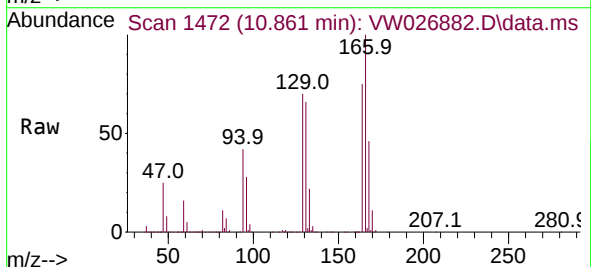
Instrument :
MSVOA_W
ClientSampleId :



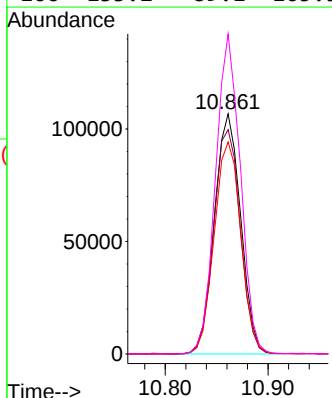
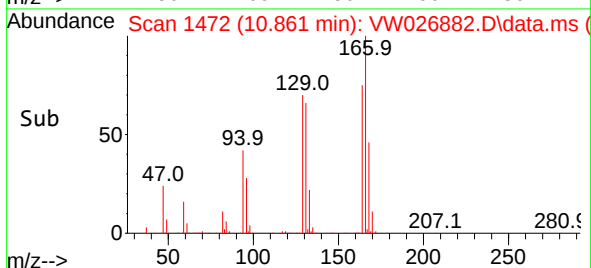
Tgt Ion:	97	Resp:	202140
Ion	Ratio	Lower	Upper
97	100		
99	62.5	44.2	82.0
83	84.9	61.9	114.9
85	53.7	40.0	74.2

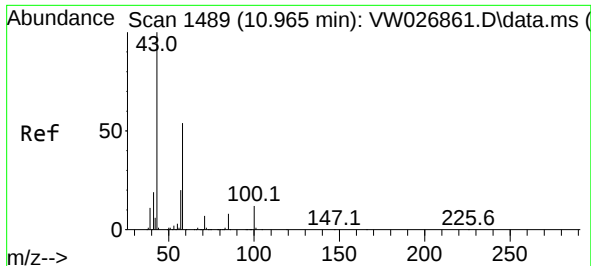


#46
Tetrachloroethene
Concen: 22.732 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41



Tgt Ion:	164	Resp:	189010
Ion	Ratio	Lower	Upper
164	100		
129	93.4	68.1	126.5
131	88.2	65.5	121.7
166	133.2	89.1	165.5

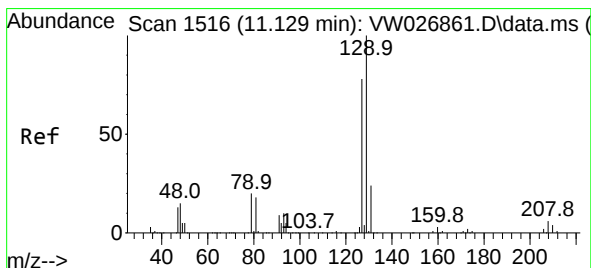
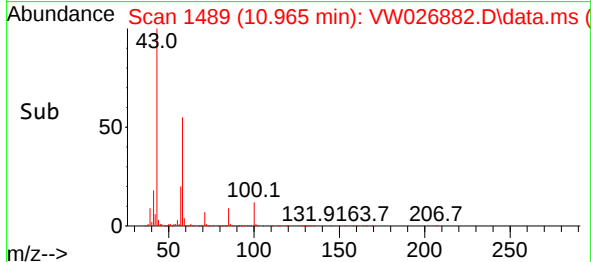
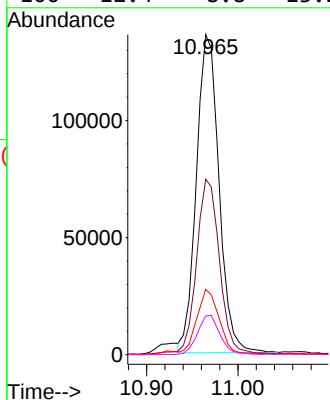
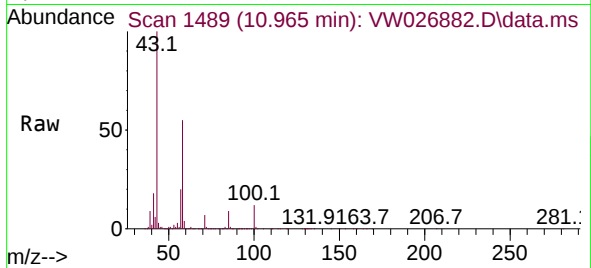




#48
2-Hexanone
Concen: 42.924 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

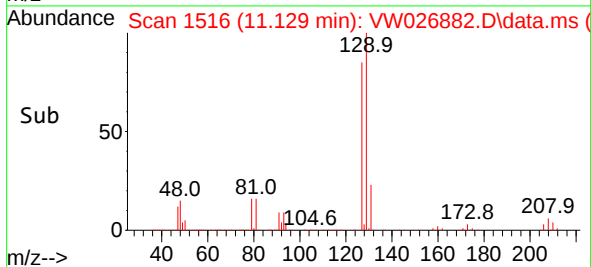
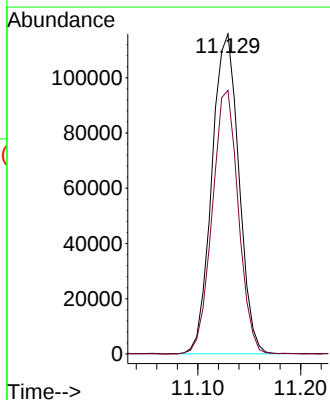
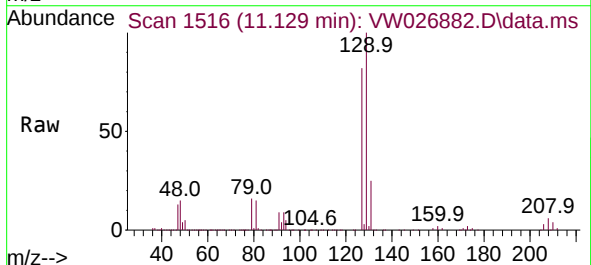
Instrument :
MSVOA_W
ClientSampleId :

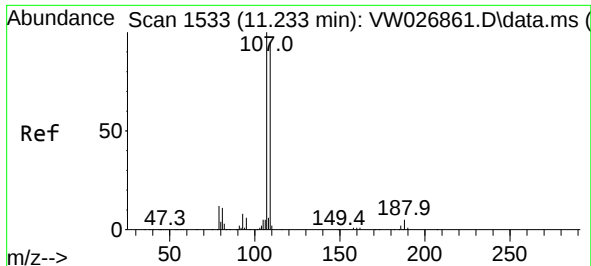
Tgt Ion: 43 Resp: 233844
Ion Ratio Lower Upper
43 100
58 54.8 41.1 61.7
57 20.2 14.3 21.5
100 12.4 8.8 13.2



#49
Dibromochloromethane
Concen: 24.034 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

Tgt Ion: 129 Resp: 211599
Ion Ratio Lower Upper
129 100
127 82.3 56.6 105.2





#50

1,2-Dibromoethane

Concen: 24.013 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

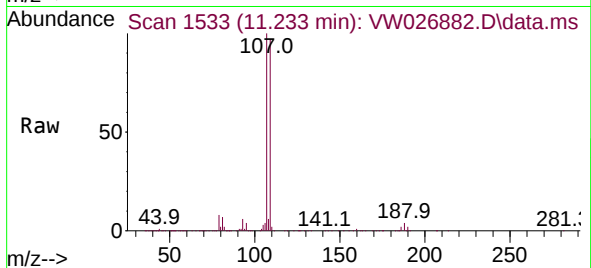
Lab File: VW026882.D

Acq: 25 Aug 2023 03:41

Instrument :

MSVOA_W

ClientSampleId :



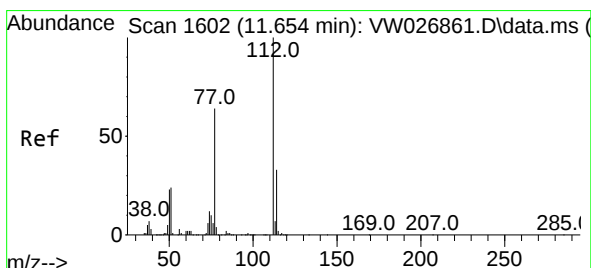
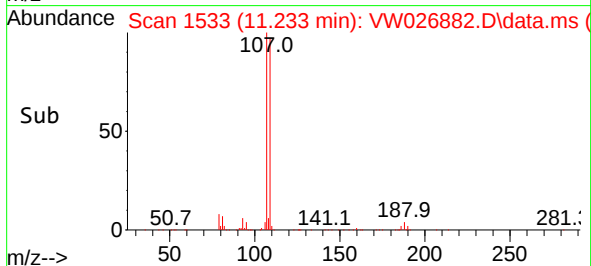
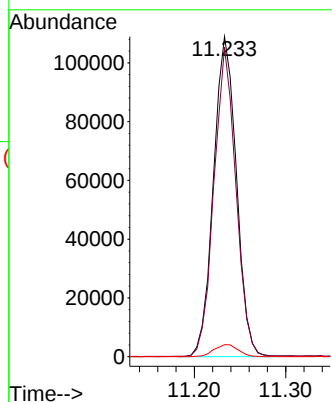
Tgt Ion:107 Resp: 189663

Ion Ratio Lower Upper

107 100

109 96.7 68.8 127.8

188 3.8 2.7 4.1



#51

Chlorobenzene

Concen: 23.264 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026882.D

Acq: 25 Aug 2023 03:41

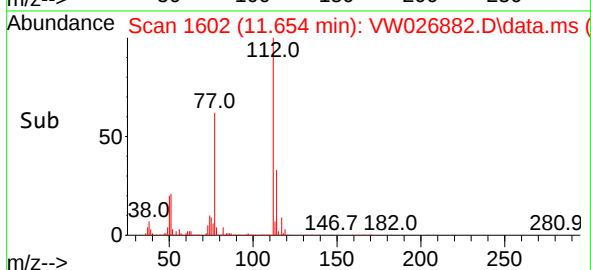
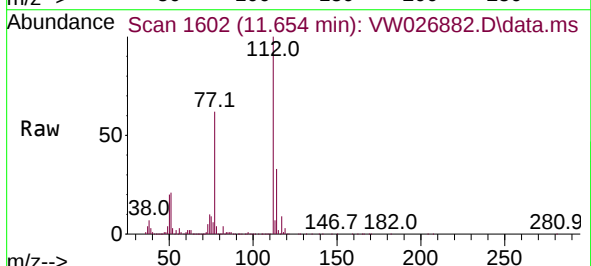
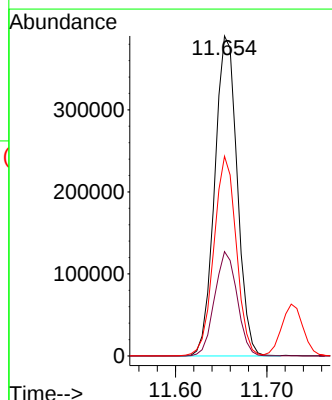
Tgt Ion:112 Resp: 667988

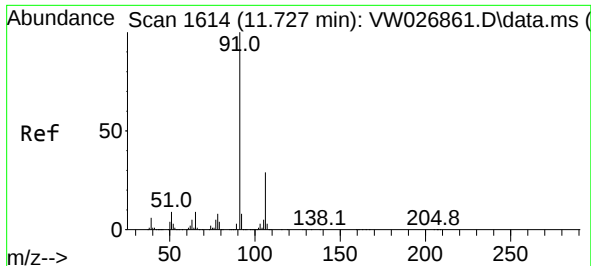
Ion Ratio Lower Upper

112 100

114 32.6 22.4 41.6

77 62.4 50.2 75.2

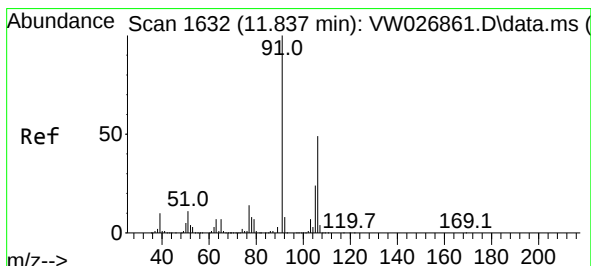
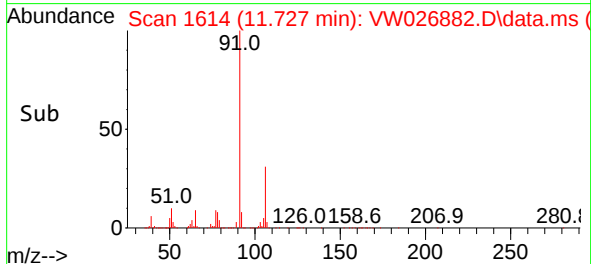
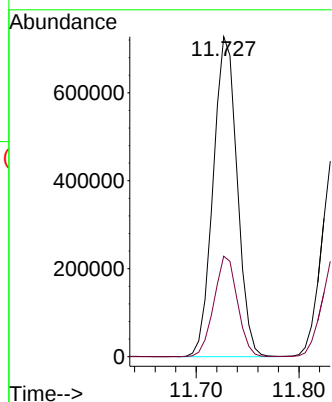
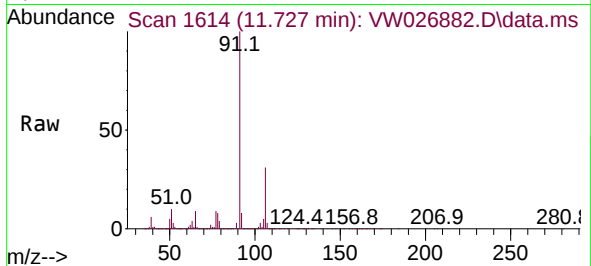




#52
Ethylbenzene
Concen: 23.116 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

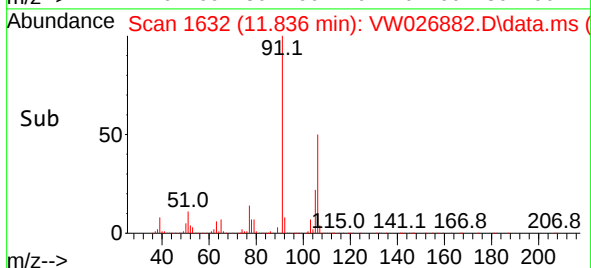
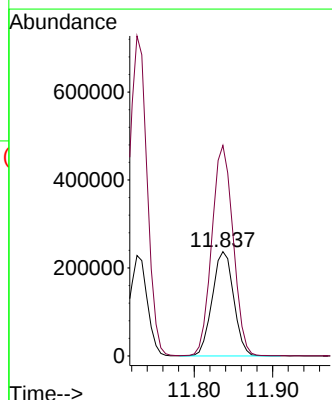
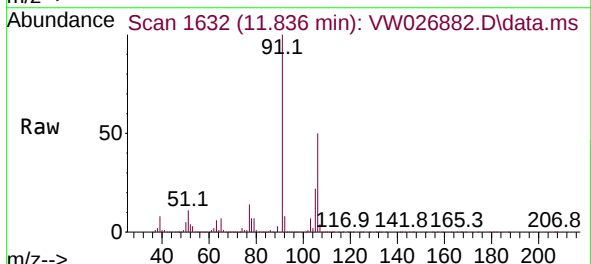
Instrument :
MSVOA_W
ClientSampleId :

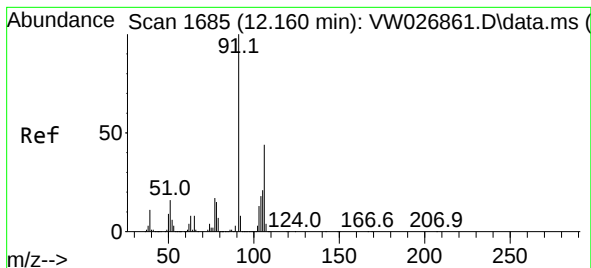
Tgt Ion: 91 Resp: 1178343
Ion Ratio Lower Upper
91 100
106 31.4 20.2 37.6



#53
m,p-Xylene
Concen: 23.886 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

Tgt Ion:106 Resp: 451090
Ion Ratio Lower Upper
106 100
91 201.6 152.9 284.1





#54

o-Xylene

Concen: 24.546 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026882.D

Acq: 25 Aug 2023 03:41

Instrument :

MSVOA_W

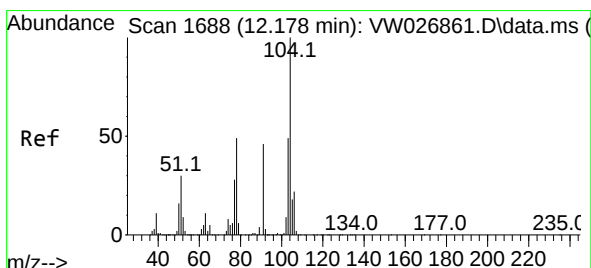
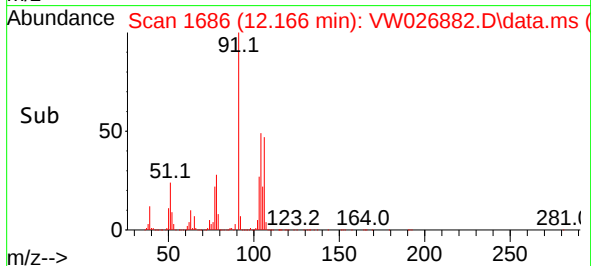
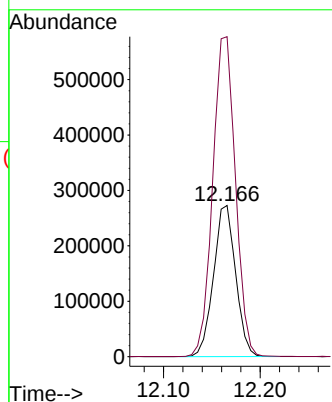
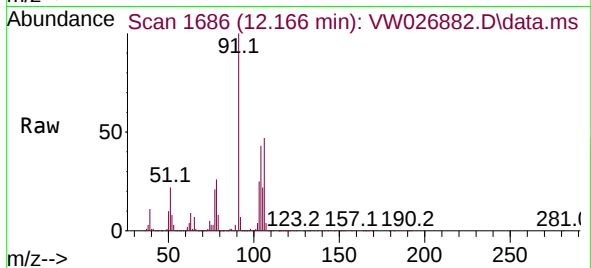
ClientSampleId :

Tgt Ion:106 Resp: 432637

Ion Ratio Lower Upper

106 100

91 211.7 149.9 278.3



#55

Styrene

Concen: 24.766 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW026882.D

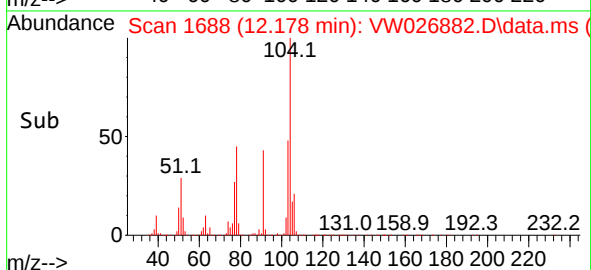
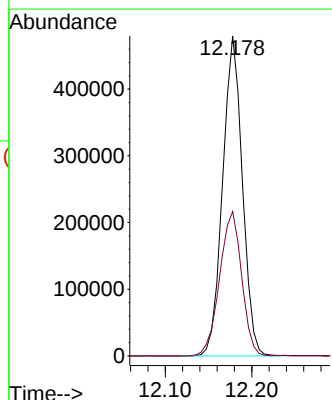
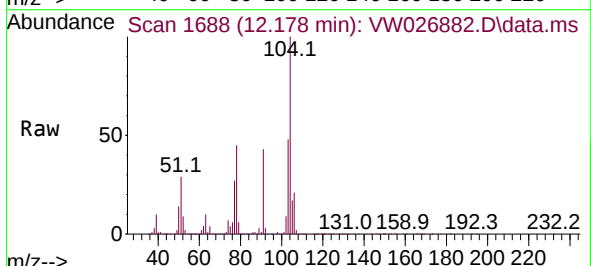
Acq: 25 Aug 2023 03:41

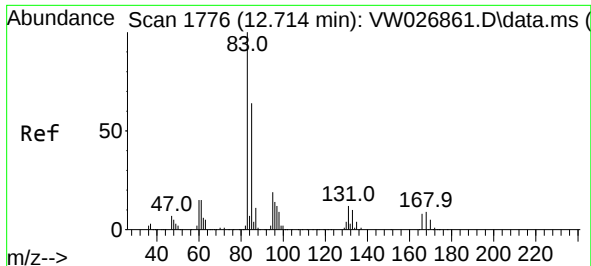
Tgt Ion:104 Resp: 758956

Ion Ratio Lower Upper

104 100

78 45.1 33.0 61.2





#57

1,1,2,2-Tetrachloroethane

Concen: 23.147 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026882.D

Acq: 25 Aug 2023 03:41

Instrument :

MSVOA_W

ClientSampleId :

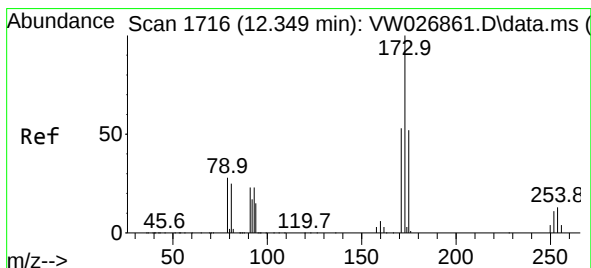
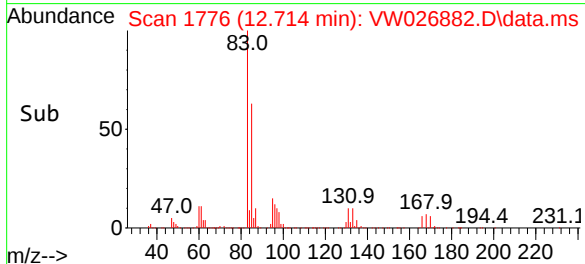
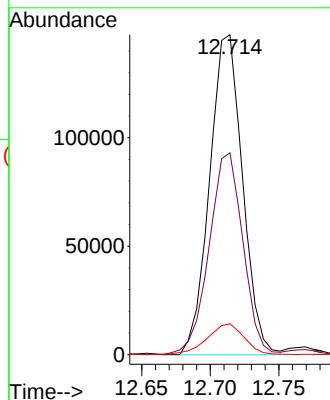
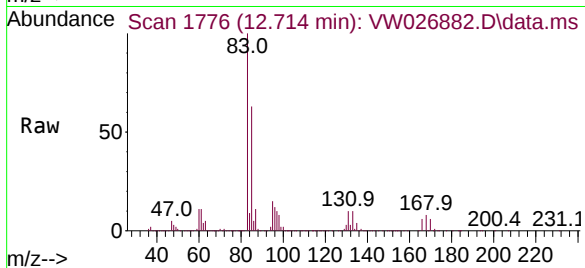
Tgt Ion: 83 Resp: 246769

Ion Ratio Lower Upper

83 100

85 63.1 44.9 83.3

131 9.6 7.4 11.0



#59

Bromoform

Concen: 24.940 ug/L

RT: 12.342 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW026882.D

Acq: 25 Aug 2023 03:41

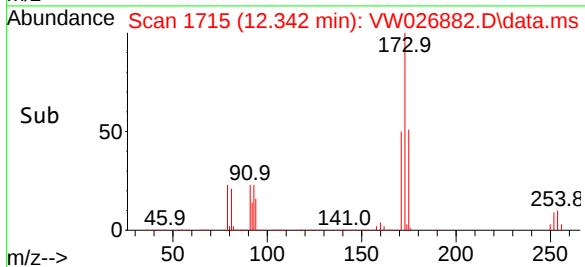
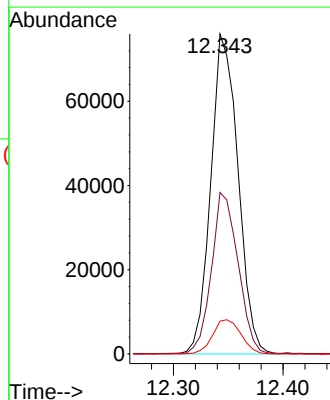
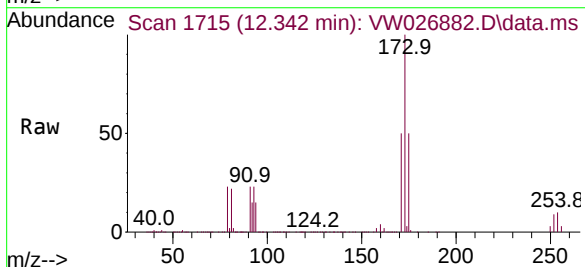
Tgt Ion:173 Resp: 131158

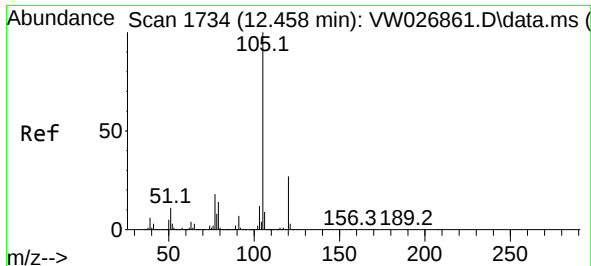
Ion Ratio Lower Upper

173 100

175 49.4 36.6 55.0

254 11.2 7.8 11.6

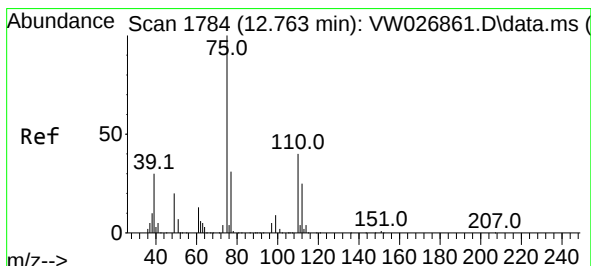
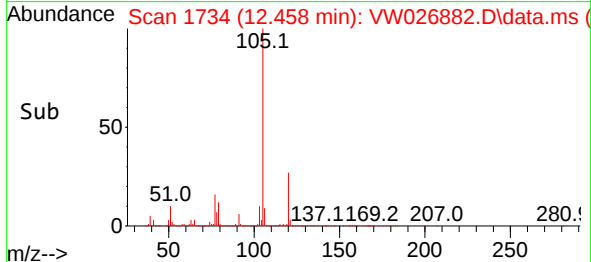
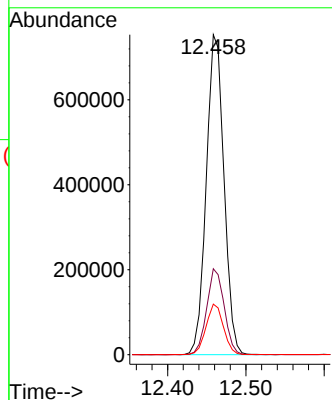
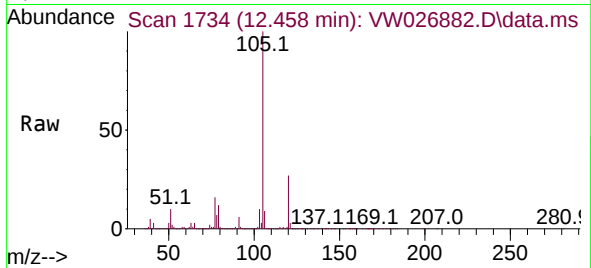




#60
Isopropylbenzene
Concen: 23.637 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

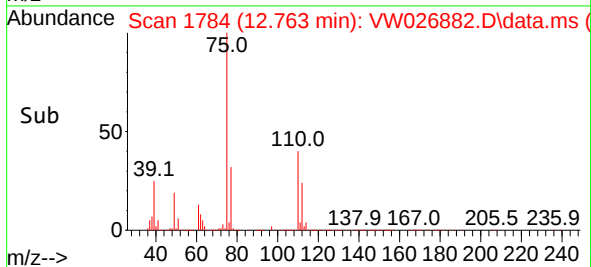
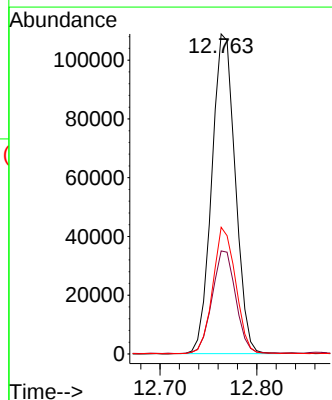
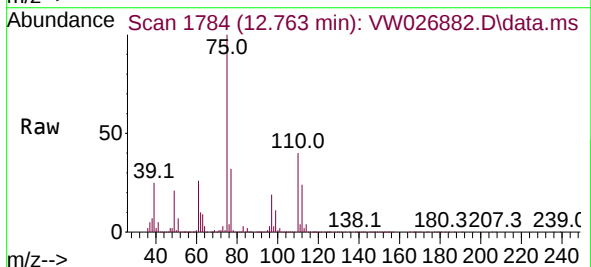
Instrument :
MSVOA_W
ClientSampleId :

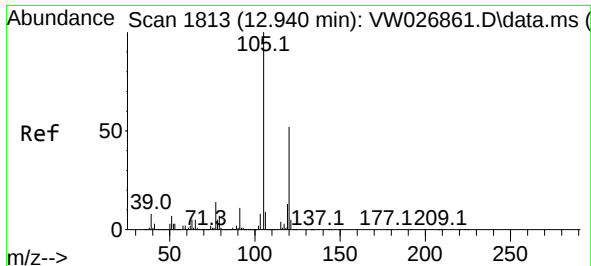
Tgt Ion:105 Resp: 1179741
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.6
77 15.5 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 22.504 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

Tgt Ion: 75 Resp: 183252
Ion Ratio Lower Upper
75 100
77 32.3 26.1 39.1
110 38.5 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 24.458 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026882.D

Acq: 25 Aug 2023 03:41

Instrument :

MSVOA_W

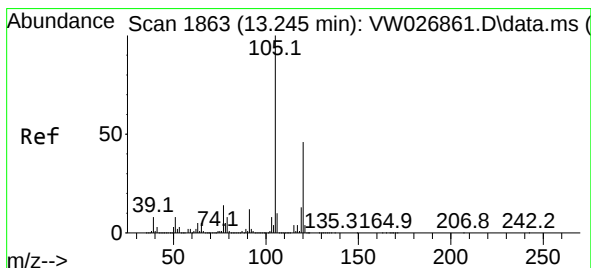
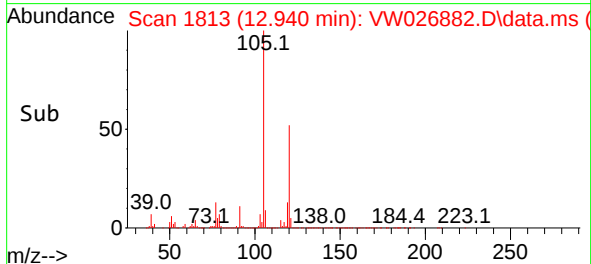
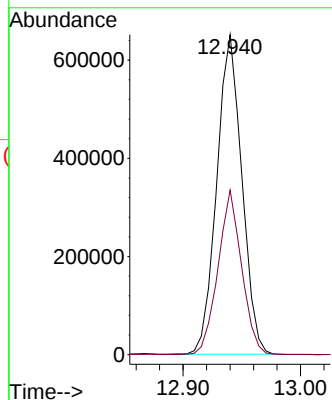
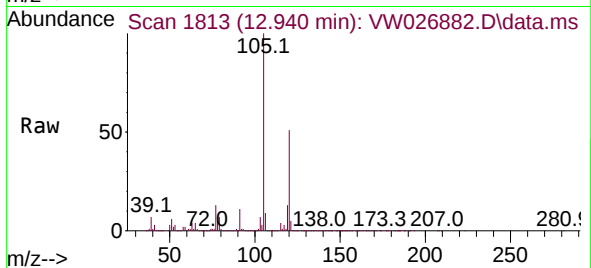
ClientSampleId :

Tgt Ion:105 Resp: 964882

Ion Ratio Lower Upper

105 100

120 48.7 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 24.828 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW026882.D

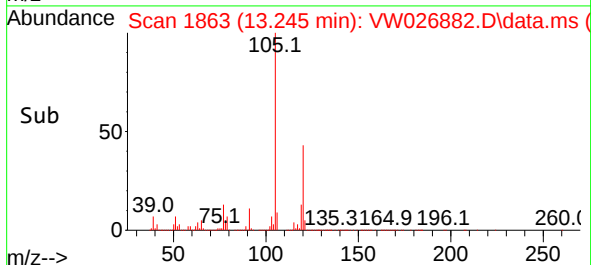
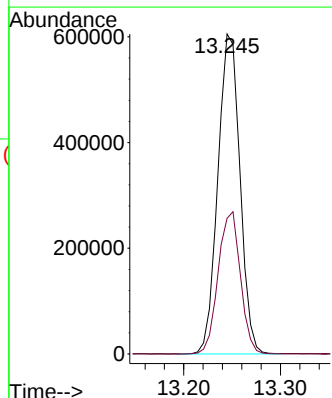
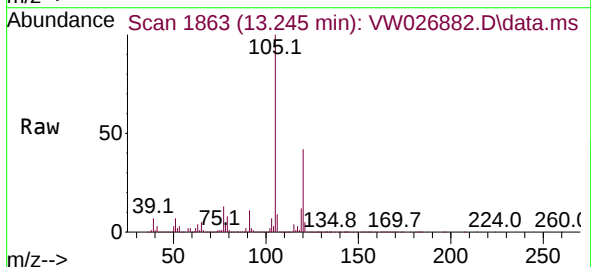
Acq: 25 Aug 2023 03:41

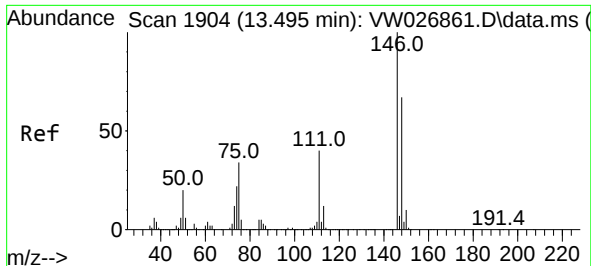
Tgt Ion:105 Resp: 959810

Ion Ratio Lower Upper

105 100

120 44.7 36.2 54.4

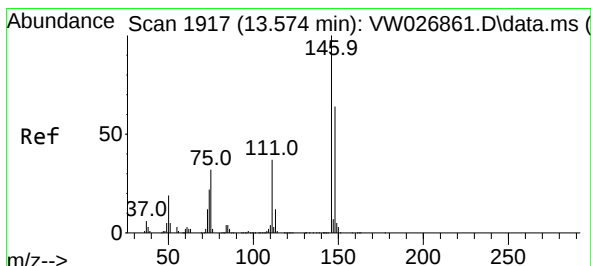
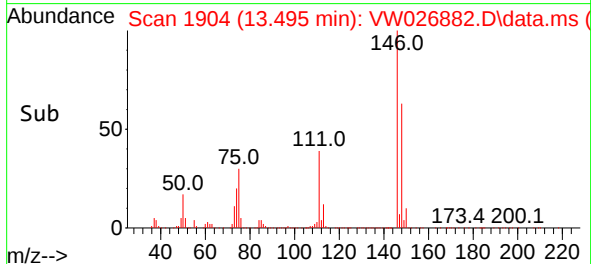
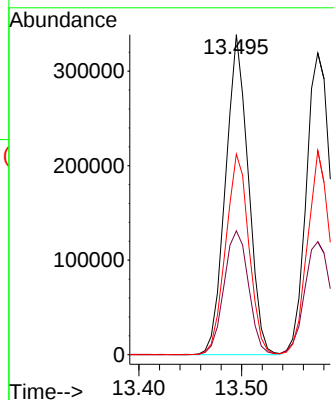
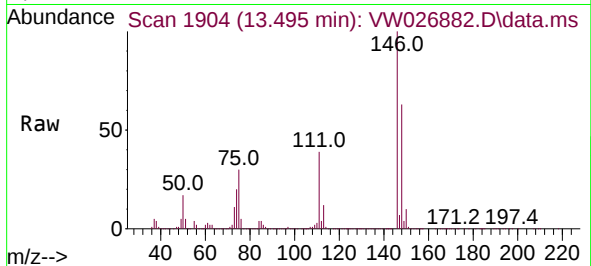




#64
1,3-Dichlorobenzene
Concen: 23.984 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

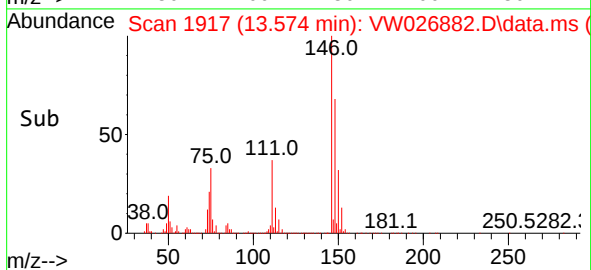
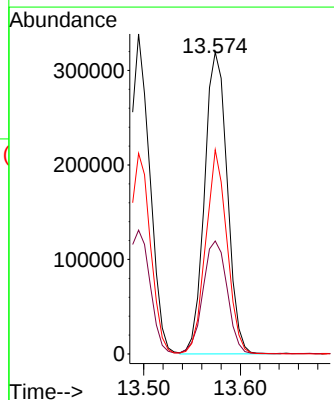
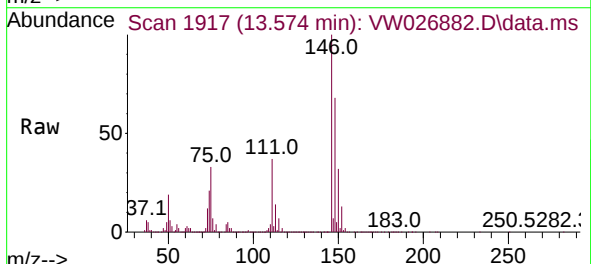
Instrument :
MSVOA_W
ClientSampleId :

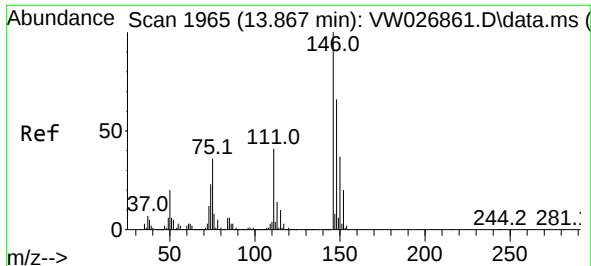
Tgt Ion:146 Resp: 520619
Ion Ratio Lower Upper
146 100
111 38.7 29.1 54.1
148 62.7 38.8 72.0



#65
1,4-Dichlorobenzene
Concen: 23.020 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026882.D
Acq: 25 Aug 2023 03:41

Tgt Ion:146 Resp: 521482
Ion Ratio Lower Upper
146 100
111 37.4 28.3 52.7
148 67.6 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 24.124 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026882.D

Acq: 25 Aug 2023 03:41

Instrument :

MSVOA_W

ClientSampleId :

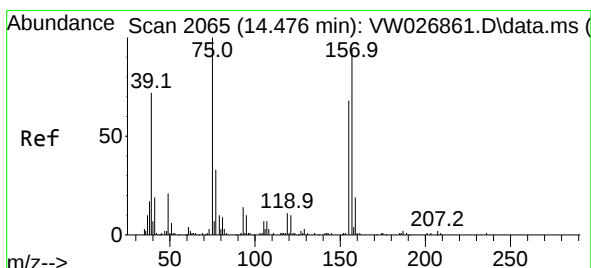
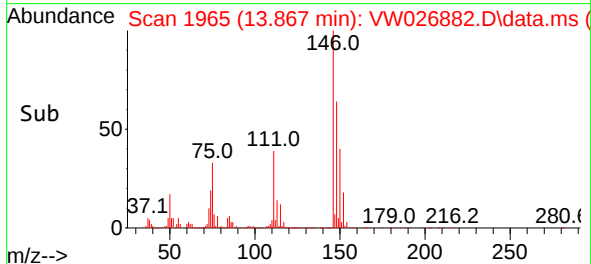
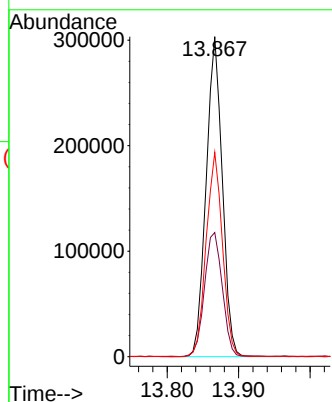
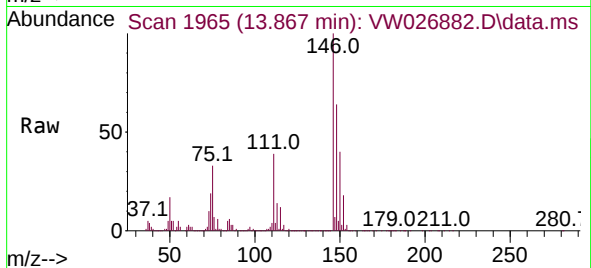
Tgt Ion:146 Resp: 476185

Ion Ratio Lower Upper

146 100

111 38.8 34.6 52.0

148 63.9 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 21.660 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW026882.D

Acq: 25 Aug 2023 03:41

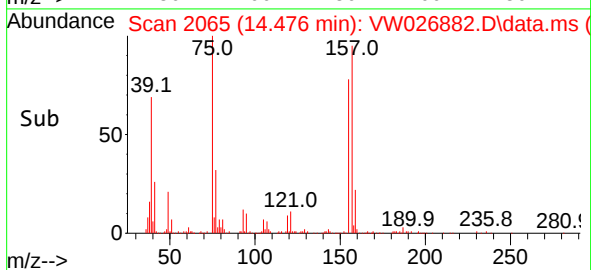
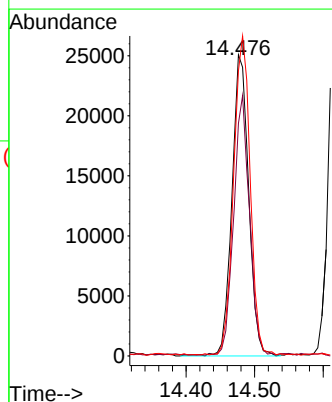
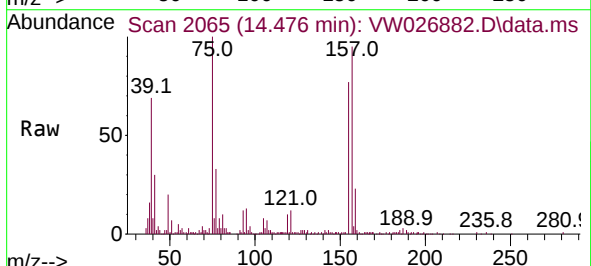
Tgt Ion: 75 Resp: 42521

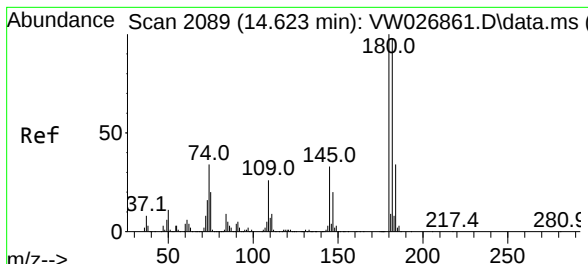
Ion Ratio Lower Upper

75 100

155 77.2 55.0 82.6

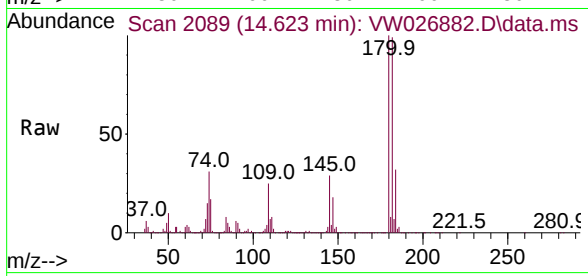
157 94.7 77.8 116.6





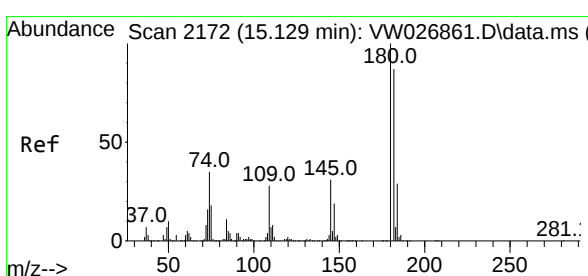
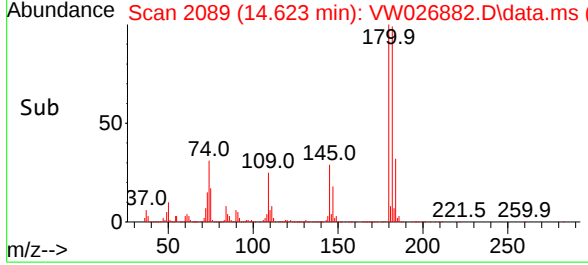
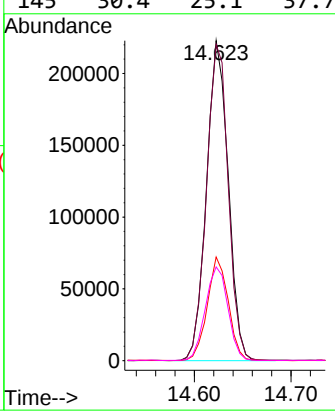
#69
 1,3,5-Trichlorobenzene
 Concen: 23.734 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW026882.D
 Acq: 25 Aug 2023 03:41

Instrument :
 MSVOA_W
 ClientSampleId :

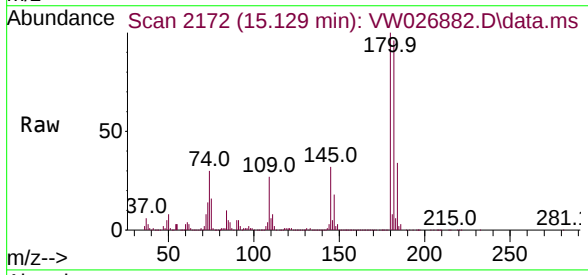


Tgt Ion:180 Resp: 348063

Ion	Ratio	Lower	Upper
180	100		
182	99.0	75.2	112.8
184	31.3	23.8	35.8
145	30.4	25.1	37.7

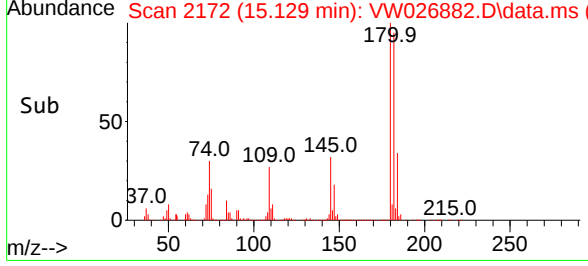
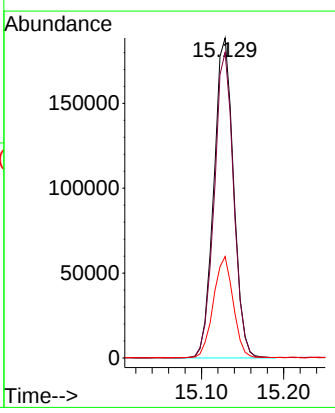


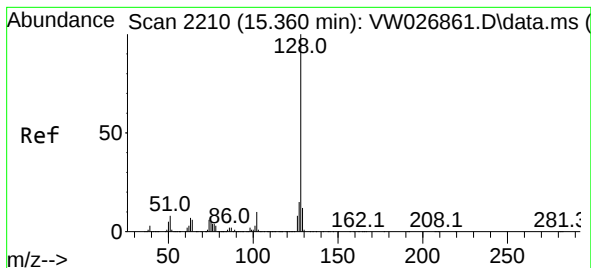
#70
 1,2,4-trichlorobenzene
 Concen: 25.240 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: VW026882.D
 Acq: 25 Aug 2023 03:41



Tgt Ion:180 Resp: 313832

Ion	Ratio	Lower	Upper
180	100		
182	94.1	72.5	108.7
145	31.6	24.7	37.1





#71

Naphthalene

Concen: 28.603 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026882.D

Acq: 25 Aug 2023 03:41

Instrument :

MSVOA_W

ClientSampleId :

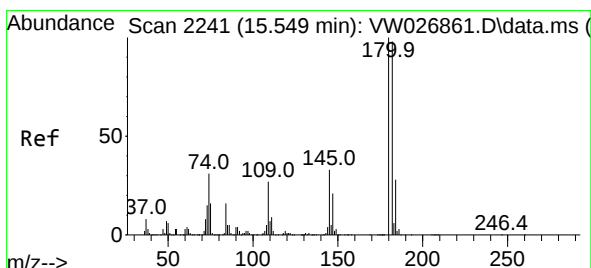
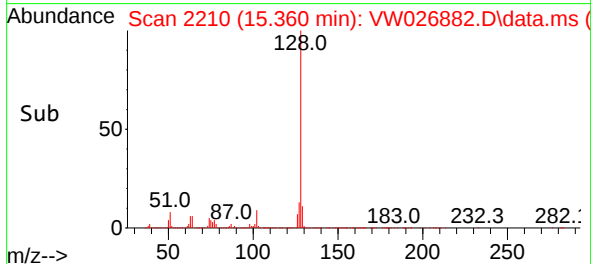
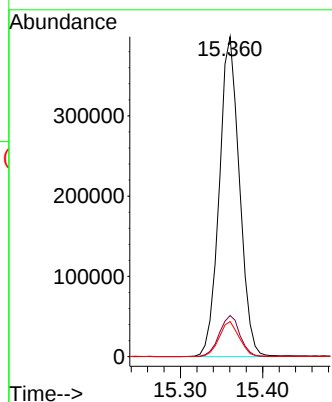
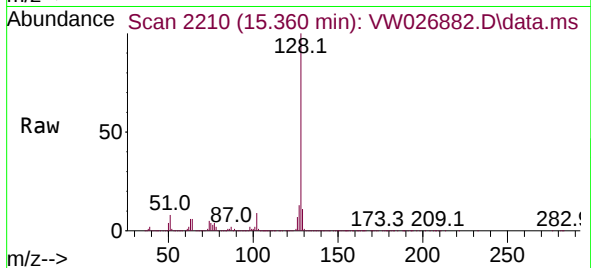
Tgt Ion:128 Resp: 678392

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.9 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 26.561 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW026882.D

Acq: 25 Aug 2023 03:41

Tgt Ion:180 Resp: 297874

Ion Ratio Lower Upper

180 100

182 92.3 74.6 112.0

145 31.1 27.0 40.6

