

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050123\
 Data File : VW025774.D
 Acq On : 01 May 2023 12:27
 Operator : SY/MD
 Sample : VSTD02553
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025453

Quant Time: May 02 01:07:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 01:04:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	625160	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	556993	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	282099	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	259199	29.258	ug/L	0.00
7) Chloroethane-d5	2.899	69	184773	28.133	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	121553	27.402	ug/L	0.00
21) 2-Butanone-d5	7.081	46	156757	53.525	ug/L	0.00
24) Chloroform-d	7.648	84	476172	26.415	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	266163	26.111	ug/L	0.00
32) Benzene-d6	8.276	84	983192	27.014	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	305799	26.261	ug/L	0.00
41) Toluene-d8	10.325	98	875161	26.966	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	125145	26.513	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	113321	57.070	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	237287	26.735	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	267617	26.023	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	182669	26.690	ug/L	100
3) Chloromethane	2.223	50	280450	27.233	ug/L	100
5) Vinyl chloride	2.375	62	283827	26.628	ug/L	100
6) Bromomethane	2.789	94	153052	26.400	ug/L	100
8) Chloroethane	2.936	64	161487	26.644	ug/L	100
9) Trichlorofluoromethane	3.271	101	217115	26.990	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	235521	26.921	ug/L	100
12) 1,1-Dichloroethene	4.051	96	218903	26.182	ug/L	100
13) Acetone	4.119	43	131379	50.592	ug/L	100
14) Carbon disulfide	4.399	76	741916	26.239	ug/L	100
15) Methyl Acetate	4.667	43	137267	26.823	ug/L	100
16) Methylene chloride	4.923	84	274746	21.310	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	236038	25.878	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	366801	26.496	ug/L	100
19) 1,1-Dichloroethane	6.216	63	484453	25.852	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	255107	26.070	ug/L	100
22) 2-Butanone	7.173	43	191053	53.281	ug/L	100
23) Bromochloromethane	7.514	128	105254	25.390	ug/L	100
25) Chloroform	7.679	83	446119	25.902	ug/L	100
27) 1,2-Dichloroethane	8.398	62	319252	26.100	ug/L	100
29) Cyclohexane	7.959	56	471162	27.297	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	359742	26.409	ug/L	100
31) Carbon tetrachloride	8.069	117	324344	26.458	ug/L	100
33) Benzene	8.325	78	1020130	26.472	ug/L	100
34) Trichloroethene	9.093	95	259502	26.243	ug/L	100
35) Methylcyclohexane	9.337	83	471772	26.824	ug/L	100
37) 1,2-Dichloropropane	9.368	63	276990	26.236	ug/L	100
38) Bromodichloromethane	9.642	83	313520	25.884	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	412085	26.616	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	382972	55.728	ug/L	100
42) Toluene	10.386	91	1058414	26.880	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	346899	27.040	ug/L	100

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 Response via : Initial Calibration

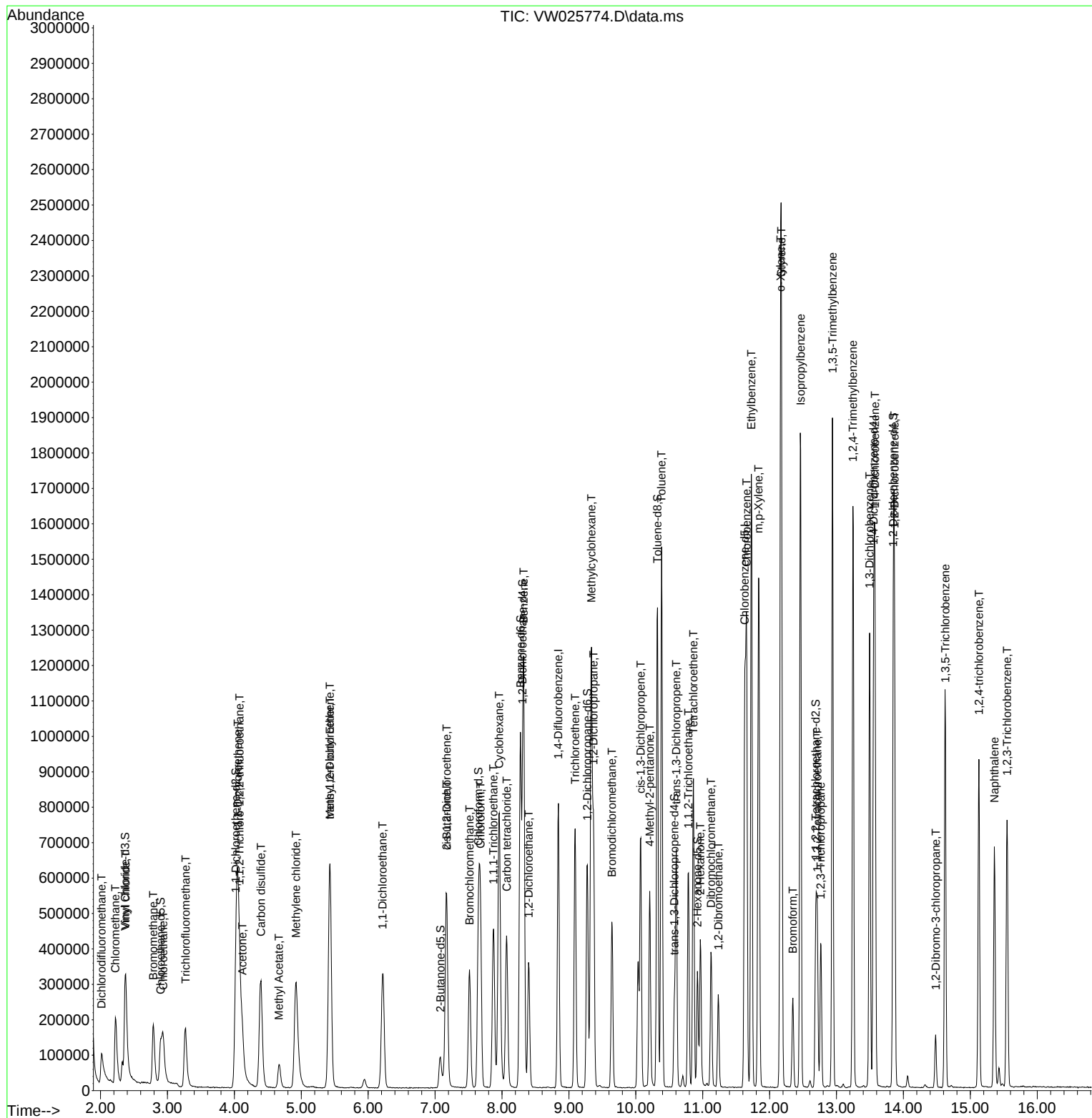
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	184785	26.164	ug/L	100
46) Tetrachloroethene	10.861	164	183556	26.385	ug/L	100
48) 2-Hexanone	10.965	43	282130	56.352	ug/L	100
49) Dibromochloromethane	11.123	129	193309	26.438	ug/L	100
50) 1,2-Dibromoethane	11.233	107	172937	26.562	ug/L	100
51) Chlorobenzene	11.654	112	625624	25.648	ug/L	100
52) Ethylbenzene	11.727	91	1195546	26.992	ug/L	100
53) m,p-Xylene	11.837	106	440701	27.034	ug/L	100
54) o-Xylene	12.166	106	414358	26.968	ug/L	100
55) Styrene	12.178	104	721383	27.430	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	231697	26.292	ug/L	100
59) Bromoform	12.349	173	109248	26.145	ug/L	100
60) Isopropylbenzene	12.465	105	1156729	26.976	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	173805	26.069	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	943833	27.790	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	871585	27.810	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	484106	26.226	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	488228	26.179	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	432412	26.267	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.483	75	38309	24.780	ug/L	100
69) 1,3,5-Trichlorobenzene	14.629	180	313416	25.578	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	267470	26.056	ug/L	100
71) Naphthalene	15.360	128	531795	27.448	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	236665	25.984	ug/L	100

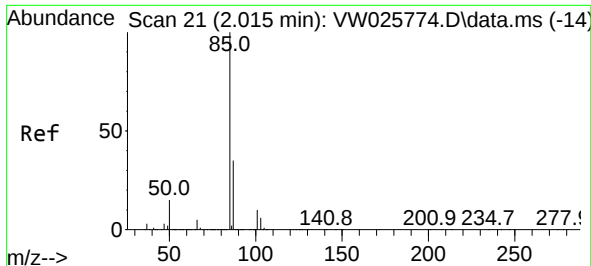
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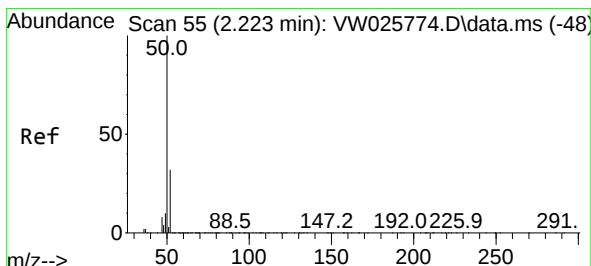
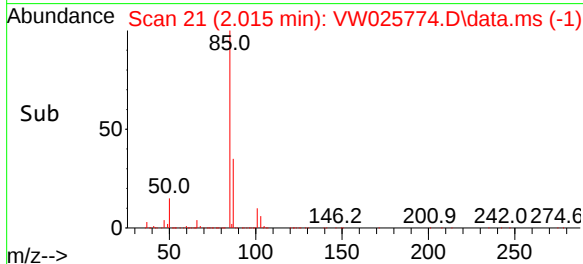
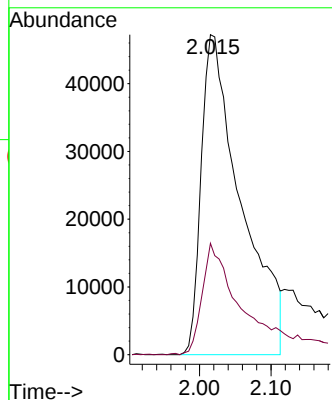
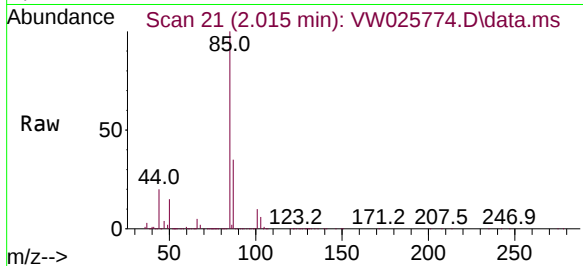




#2
Dichlorodifluoromethane
Concen: 26.690 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

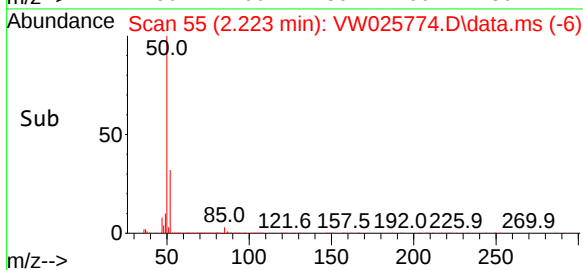
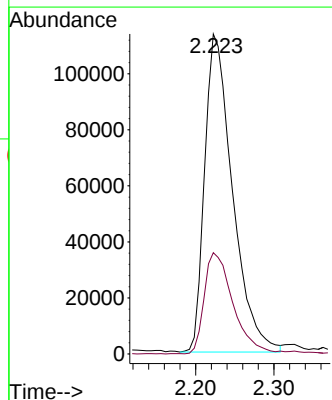
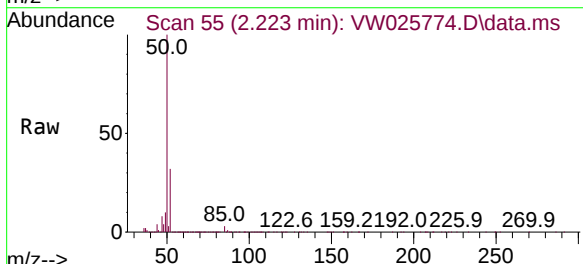
Instrument :
MSVOA_W
ClientSampleId :
VSTD025453

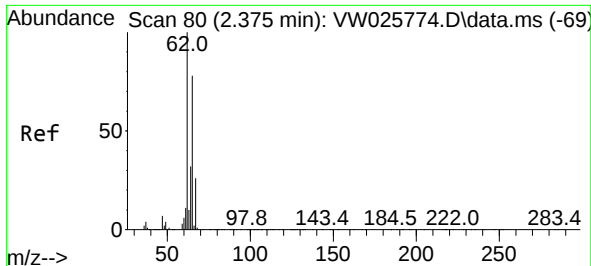
Tgt Ion: 85 Resp: 182669
Ion Ratio Lower Upper
85 100
87 30.9 24.7 37.1



#3
Chloromethane
Concen: 27.233 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

Tgt Ion: 50 Resp: 280450
Ion Ratio Lower Upper
50 100
52 31.6 22.1 41.1

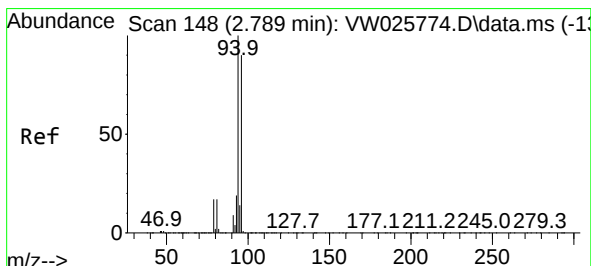
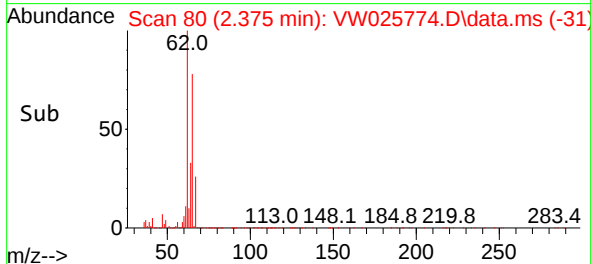
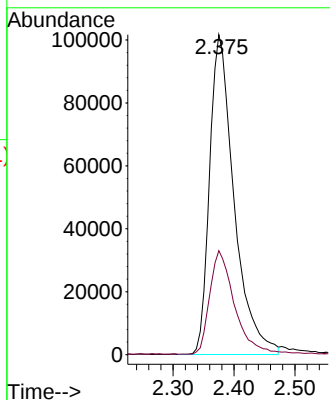
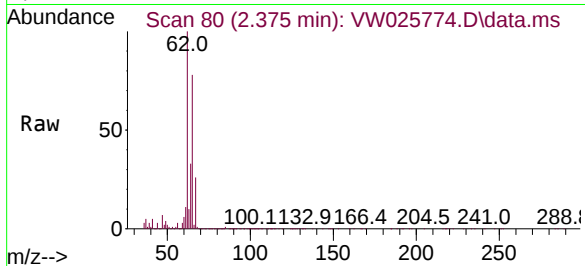




#5
 Vinyl chloride
 Concen: 26.628 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW025774.D
 Acq: 01 May 2023 12:27

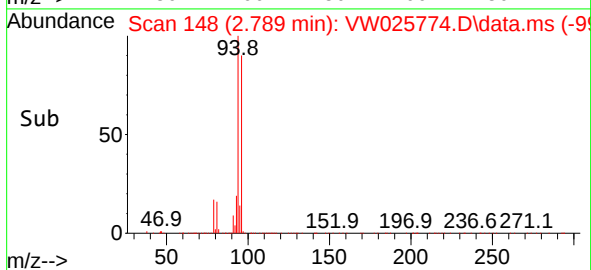
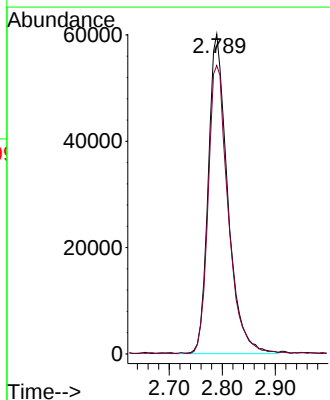
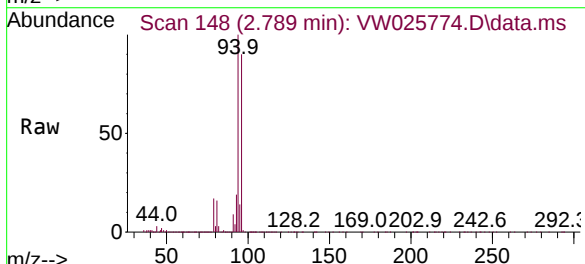
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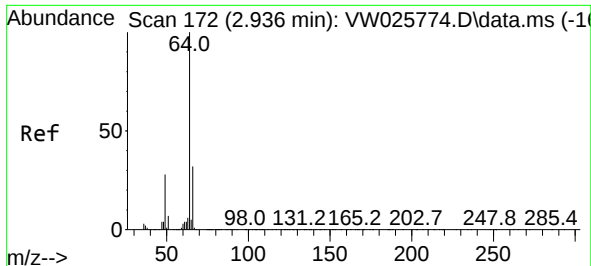
Tgt Ion: 62 Resp: 283827
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.7 42.3



#6
 Bromomethane
 Concen: 26.400 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025774.D
 Acq: 01 May 2023 12:27

Tgt Ion: 94 Resp: 153052
 Ion Ratio Lower Upper
 94 100
 96 90.1 63.1 117.1

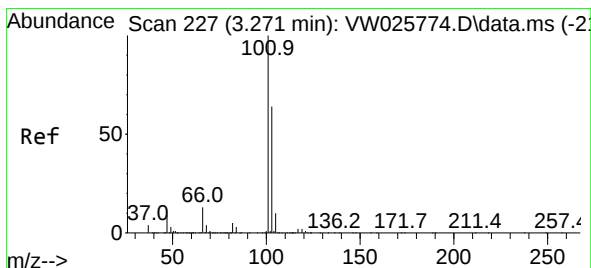
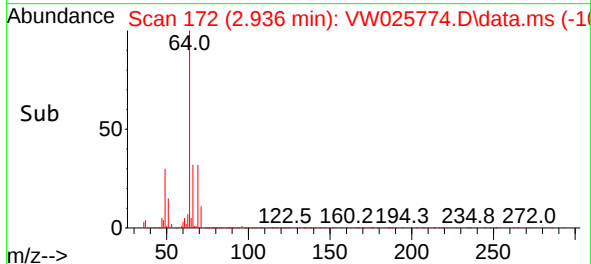
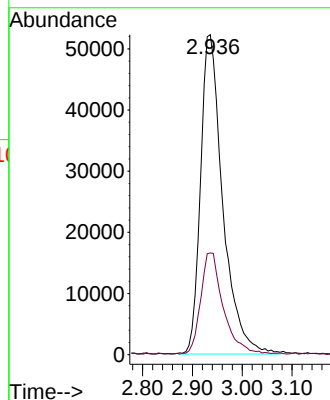
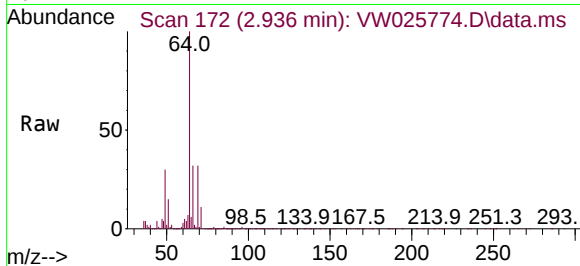




#8
Chloroethane
Concen: 26.644 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

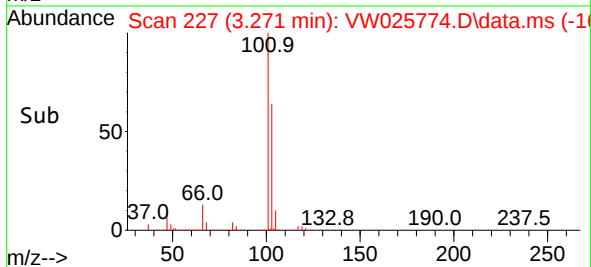
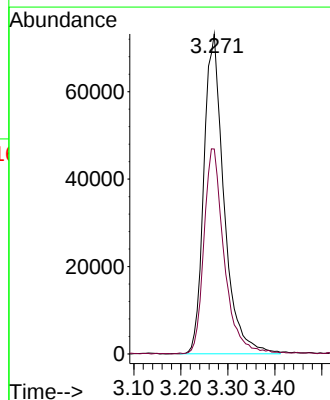
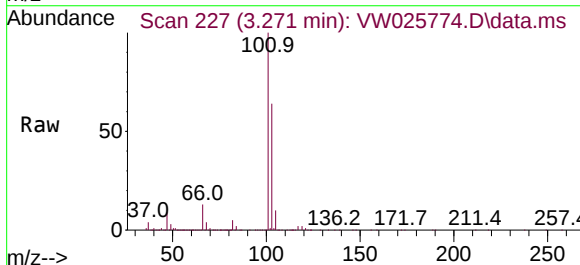
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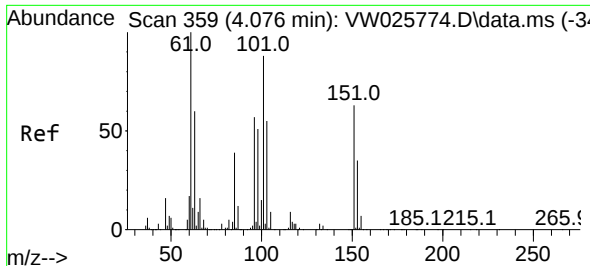
Tgt Ion: 64 Resp: 161487
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 26.990 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

Tgt Ion: 101 Resp: 217115
Ion Ratio Lower Upper
101 100
103 63.3 50.6 76.0

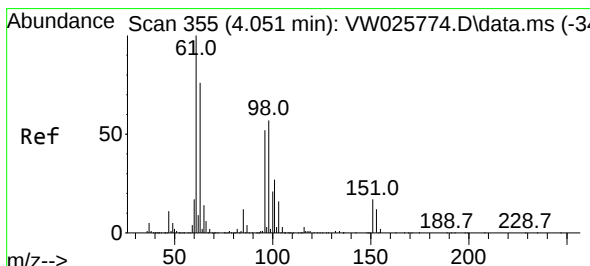
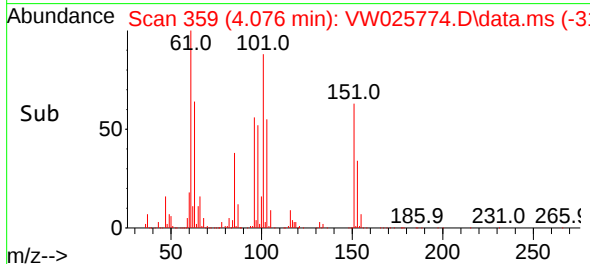
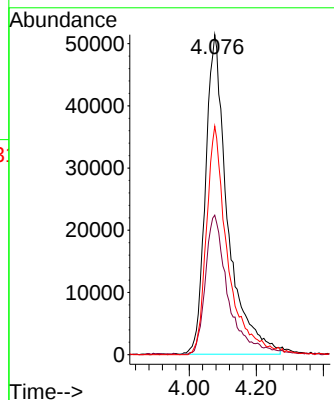
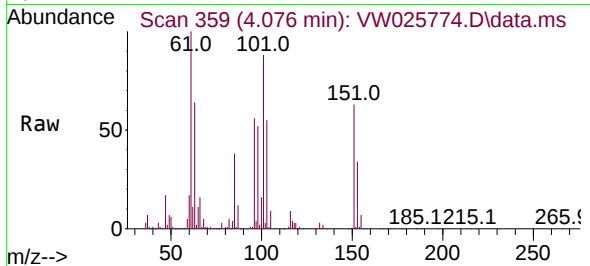




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.921 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW025774.D
 Acq: 01 May 2023 12:27

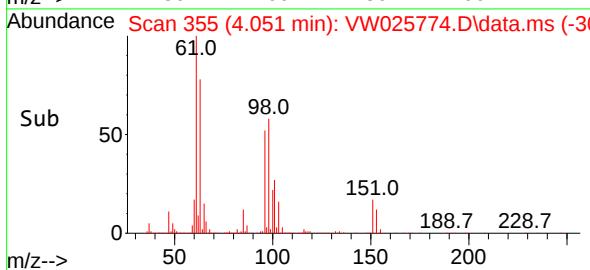
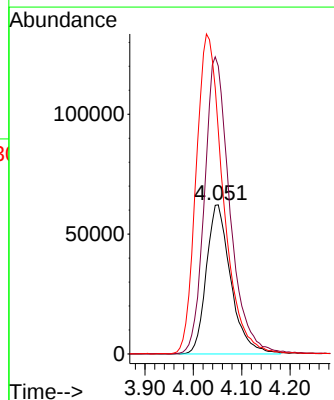
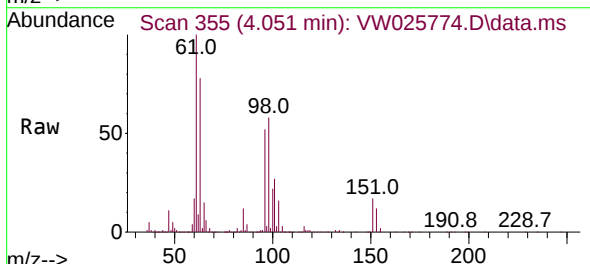
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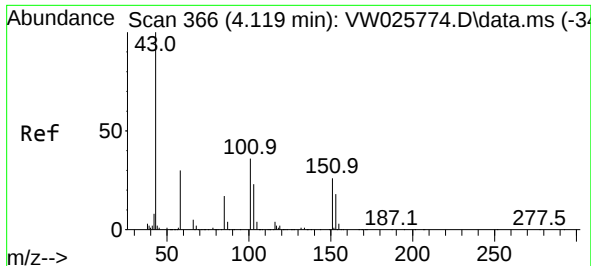
Tgt Ion:101 Resp: 235521
 Ion Ratio Lower Upper
 101 100
 85 42.4 33.9 50.9
 151 67.7 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 26.182 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW025774.D
 Acq: 01 May 2023 12:27

Tgt Ion: 96 Resp: 218903
 Ion Ratio Lower Upper
 96 100
 61 192.9 135.0 250.8
 63 149.8 104.9 194.7

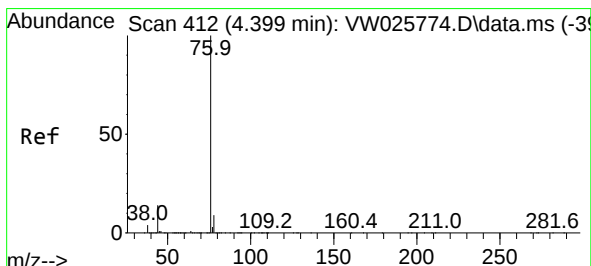
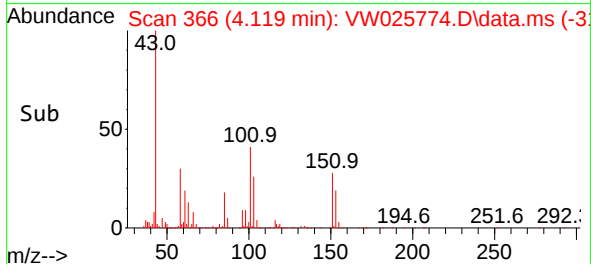
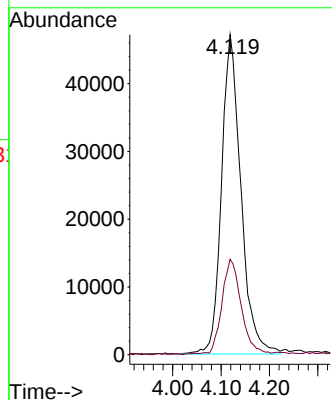
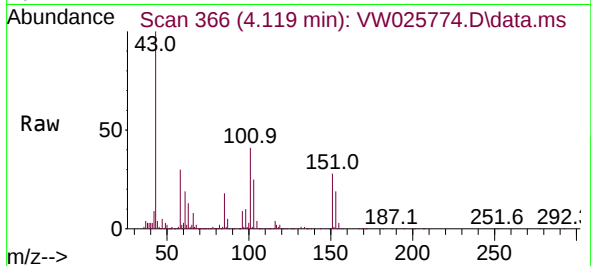




#13
Acetone
Concen: 50.592 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

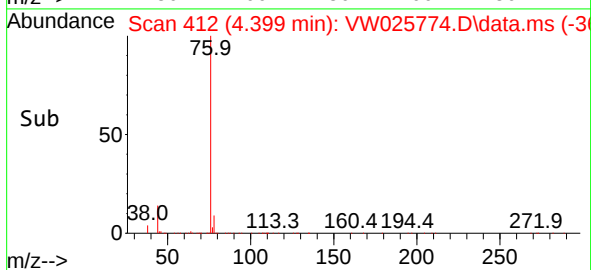
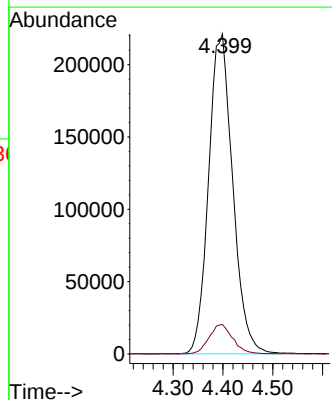
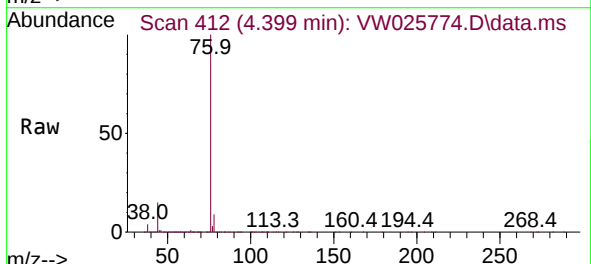
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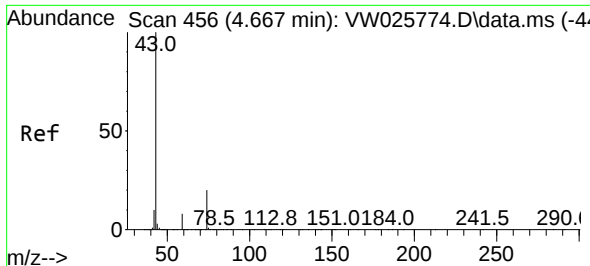
Tgt Ion: 43 Resp: 131379
Ion Ratio Lower Upper
43 100
58 29.1 0.0 58.2



#14
Carbon disulfide
Concen: 26.239 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

Tgt Ion: 76 Resp: 741916
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

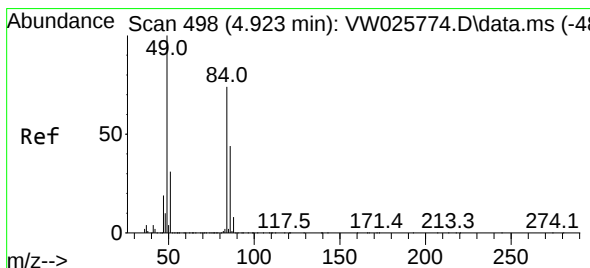
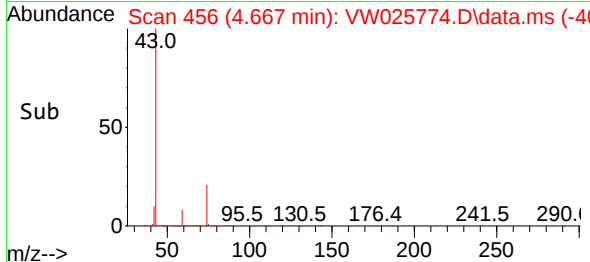
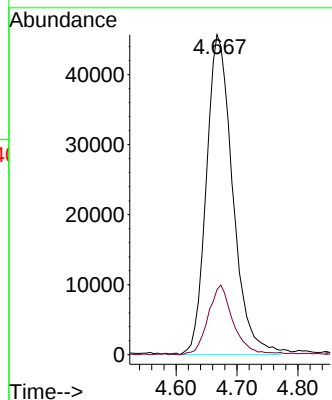
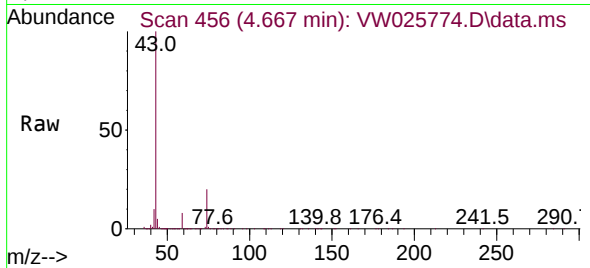




#15
Methyl Acetate
Concen: 26.823 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

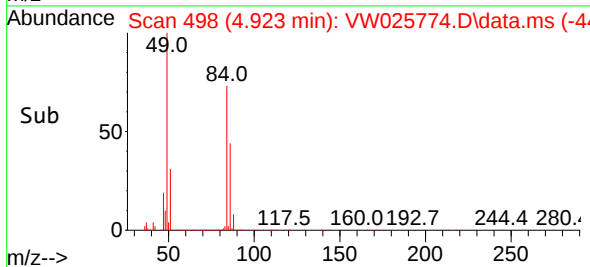
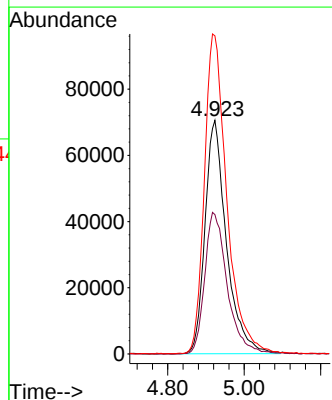
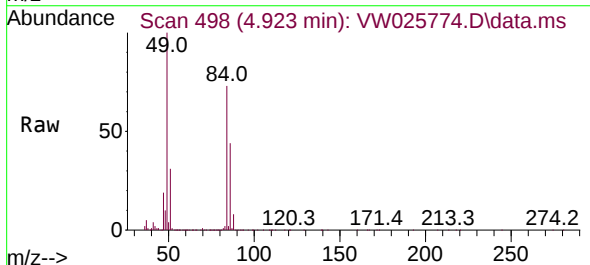
Instrument :
MSVOA_W
ClientSampleId :
VSTD025453

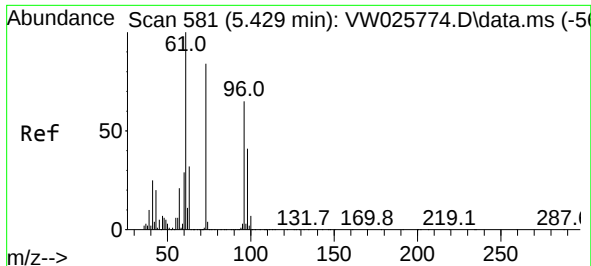
Tgt Ion: 43 Resp: 137267
Ion Ratio Lower Upper
43 100
74 20.6 16.5 24.7



#16
Methylene chloride
Concen: 21.310 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

Tgt Ion: 84 Resp: 274746
Ion Ratio Lower Upper
84 100
86 59.6 41.7 77.5
49 136.2 95.3 177.1

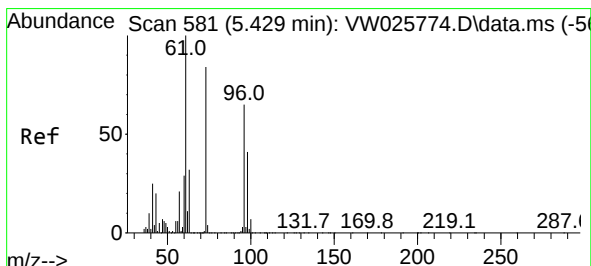
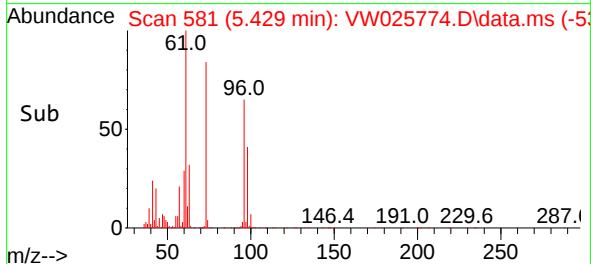
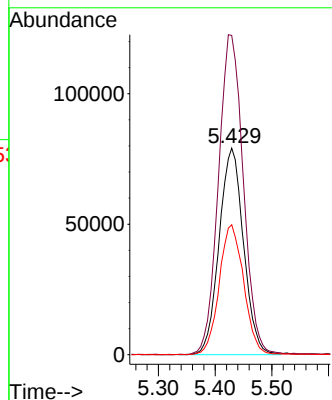
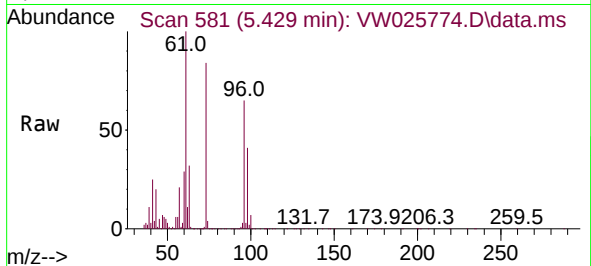




#17
trans-1,2-Dichloroethene
Concen: 25.878 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

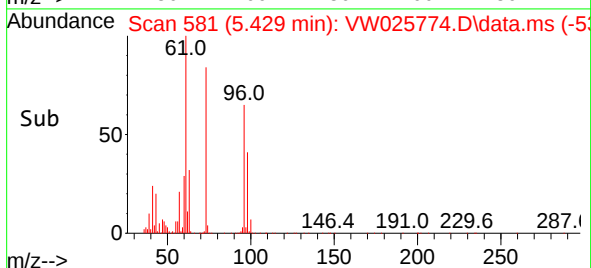
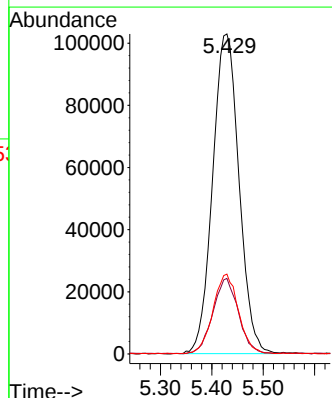
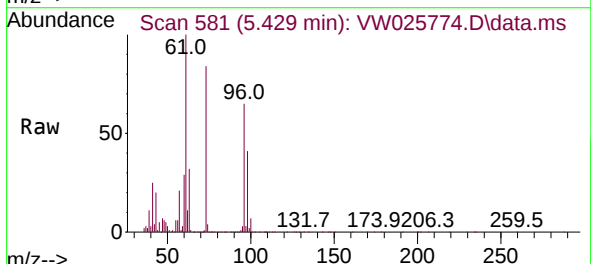
Instrument :
MSVOA_W
ClientSampleId :
VSTD025453

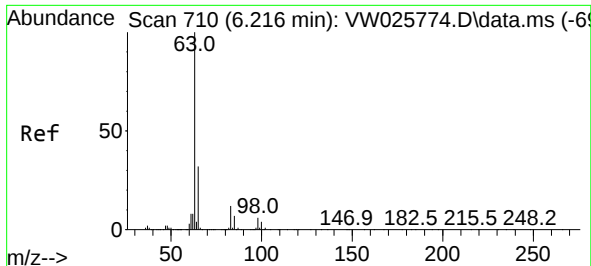
Tgt Ion: 96 Resp: 236038
Ion Ratio Lower Upper
96 100
61 154.5 108.1 200.9
98 62.9 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 26.496 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

Tgt Ion: 73 Resp: 366801
Ion Ratio Lower Upper
73 100
43 22.8 18.2 27.4
57 24.0 19.2 28.8





#19

1,1-Dichloroethane

Concen: 25.852 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW025774.D

Acq: 01 May 2023 12:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025453

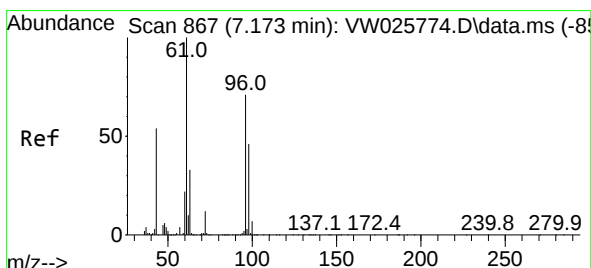
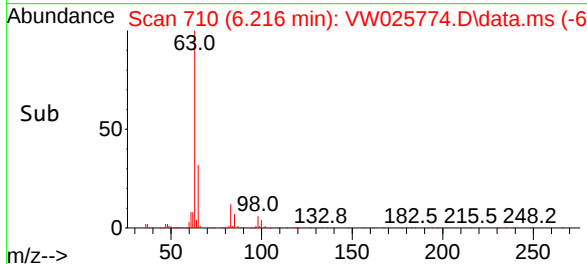
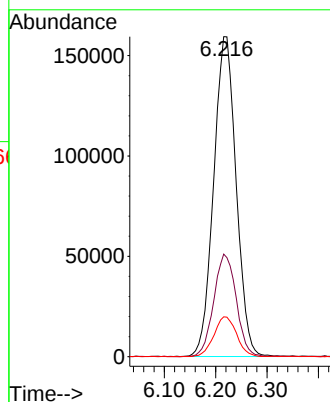
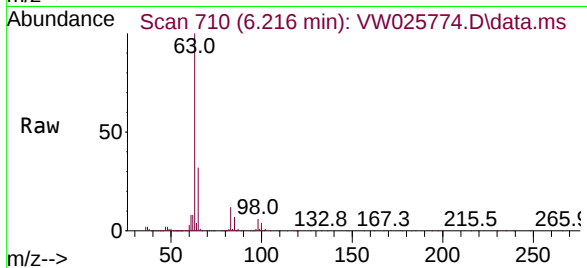
Tgt Ion: 63 Resp: 484453

Ion Ratio Lower Upper

63 100

65 32.0 22.4 41.6

83 12.4 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 26.070 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW025774.D

Acq: 01 May 2023 12:27

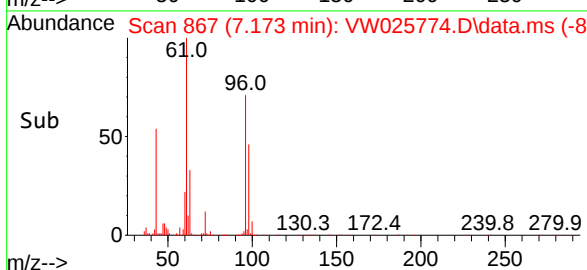
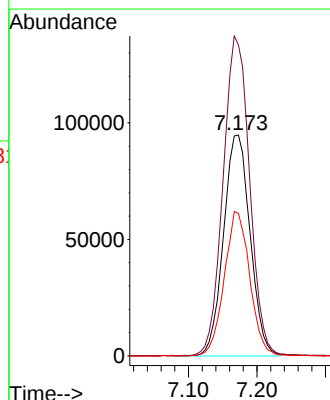
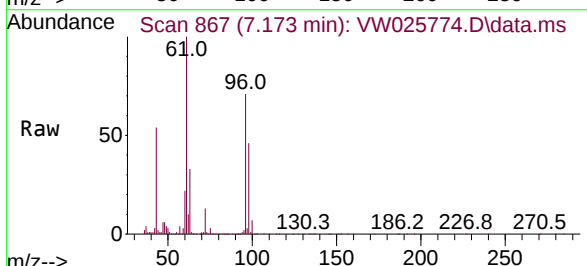
Tgt Ion: 96 Resp: 255107

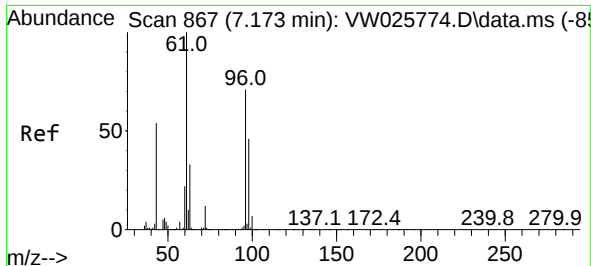
Ion Ratio Lower Upper

96 100

61 140.8 98.6 183.0

98 64.6 45.2 84.0

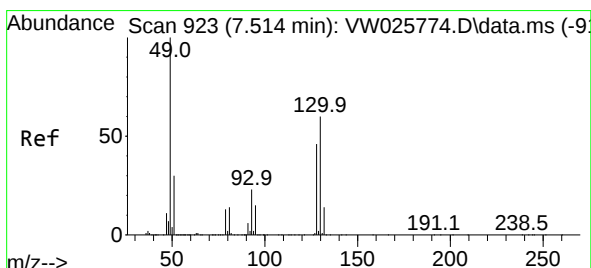
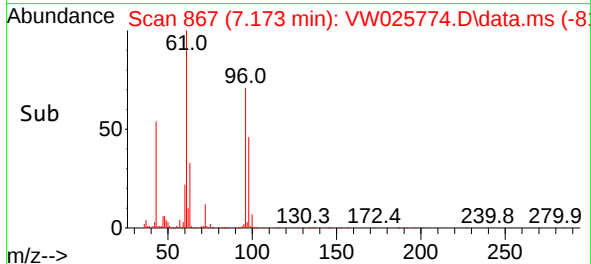
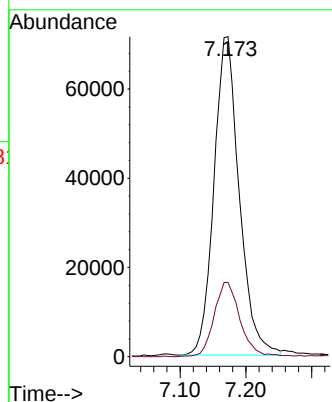
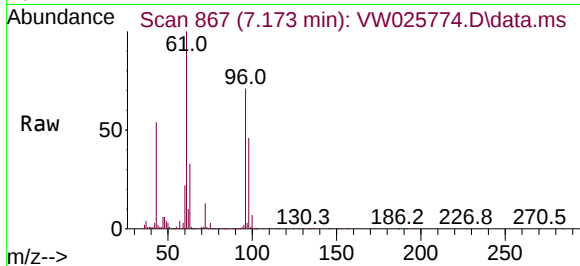




#22
2-Butanone
Concen: 53.281 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

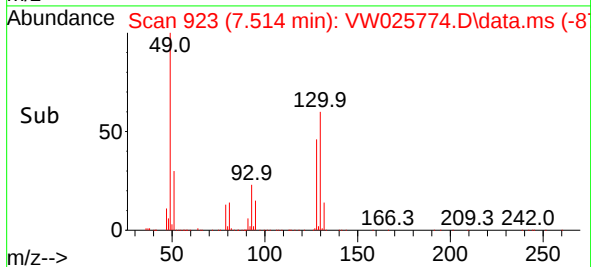
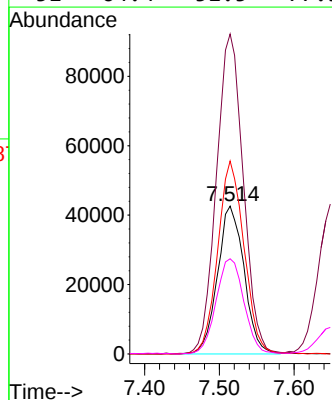
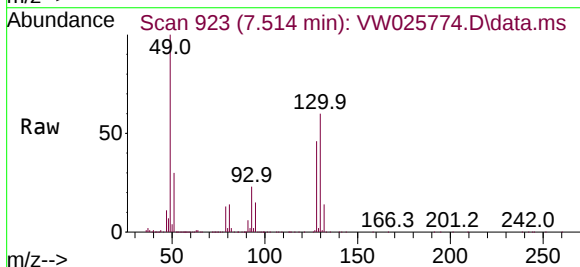
Instrument :
MSVOA_W
ClientSampleId :
VSTD025453

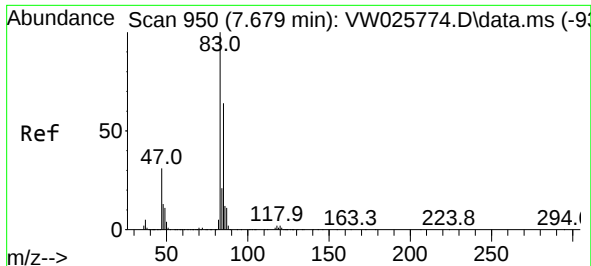
Tgt Ion: 43 Resp: 191053
Ion Ratio Lower Upper
43 100
72 23.6 11.8 35.4



#23
Bromochloromethane
Concen: 25.390 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

Tgt Ion: 128 Resp: 105254
Ion Ratio Lower Upper
128 100
49 216.5 151.5 281.5
130 130.5 91.3 169.6
51 64.4 51.5 77.3

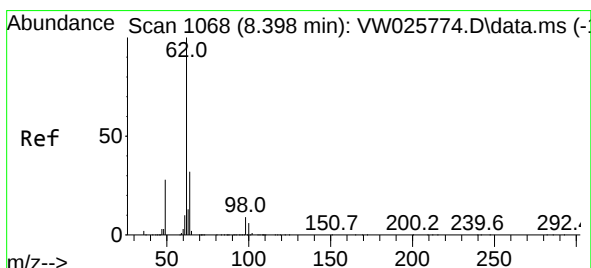
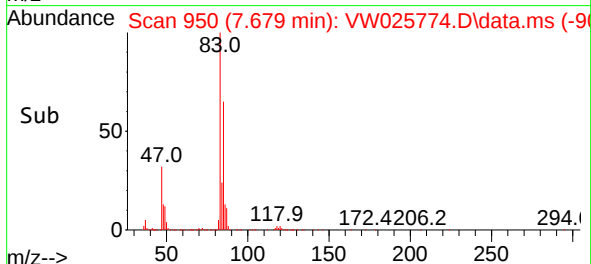
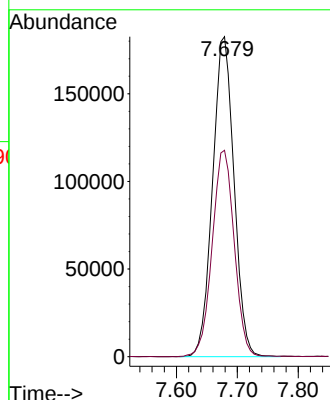
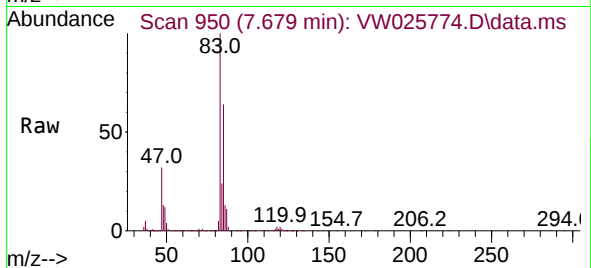




#25
Chloroform
Concen: 25.902 ug/L
RT: 7.679 min Scan# 911
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

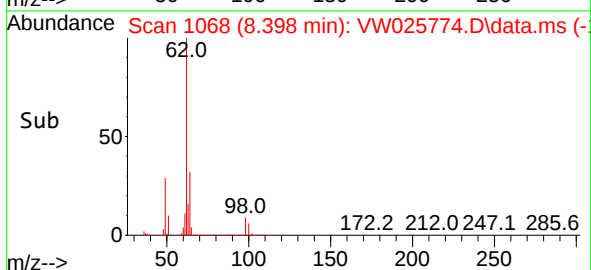
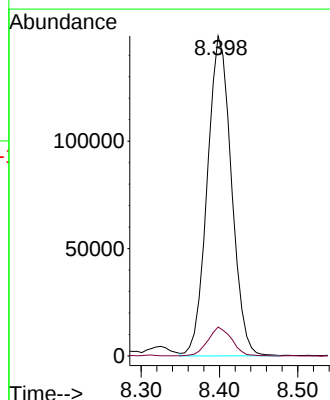
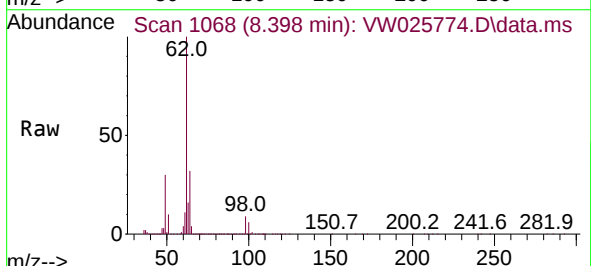
Instrument :
MSVOA_W
ClientSampleId :
VSTD025453

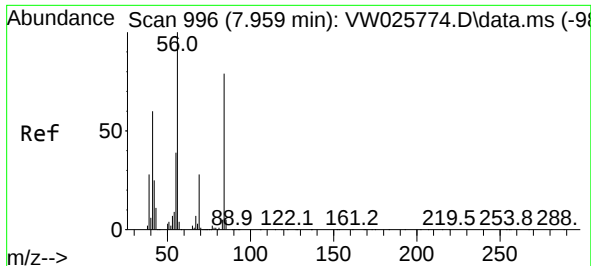
Tgt Ion: 83 Resp: 446119
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.9



#27
1,2-Dichloroethane
Concen: 26.100 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

Tgt Ion: 62 Resp: 319252
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8

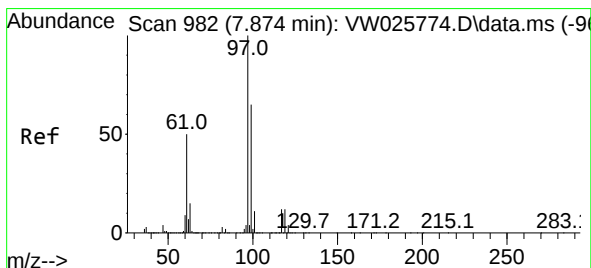
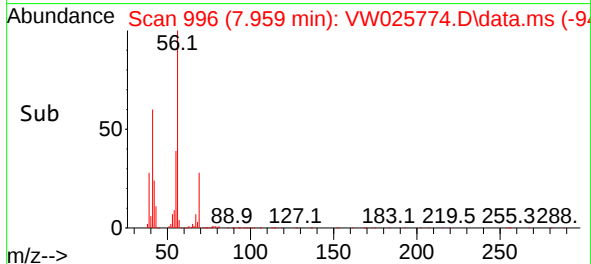
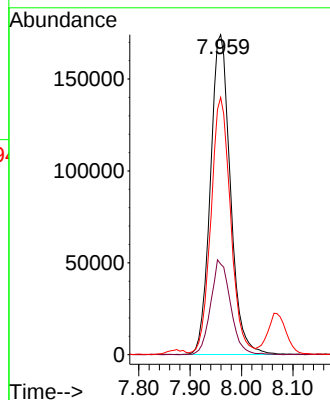
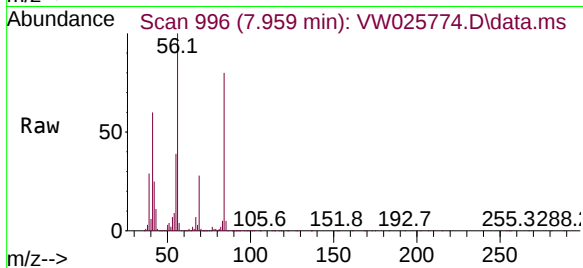




#29
Cyclohexane
Concen: 27.297 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

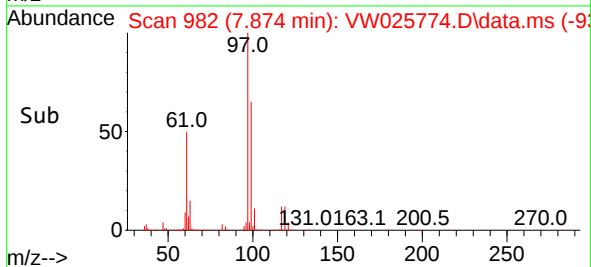
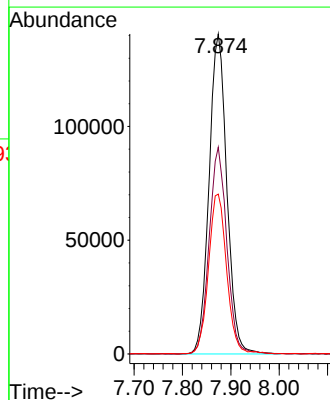
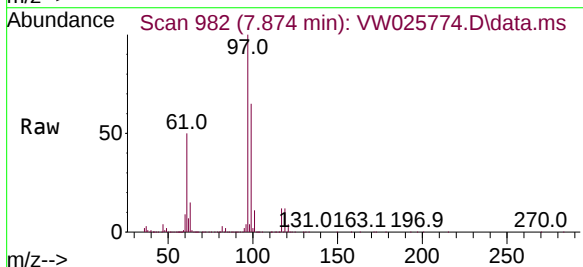
Instrument :
MSVOA_W
ClientSampleId :
VSTD025453

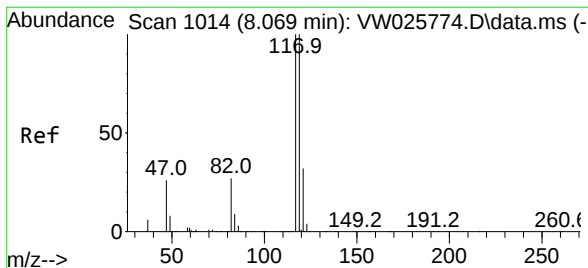
Tgt Ion: 56 Resp: 471162
Ion Ratio Lower Upper
56 100
69 29.2 23.4 35.0
84 79.1 63.3 94.9



#30
1,1,1-Trichloroethane
Concen: 26.409 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

Tgt Ion: 97 Resp: 359742
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 50.5 40.4 60.6





#31

Carbon tetrachloride

Concen: 26.458 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW025774.D

Acq: 01 May 2023 12:27

Instrument :

MSVOA_W

ClientSampleId :

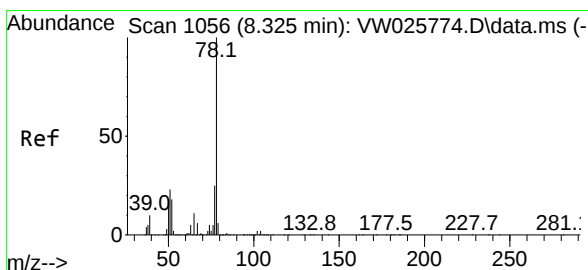
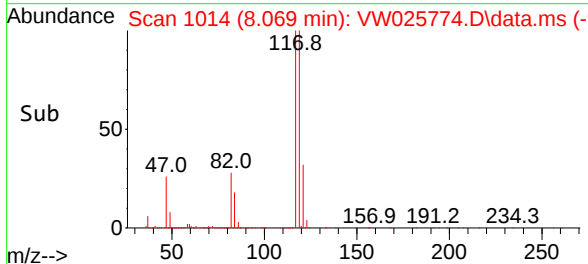
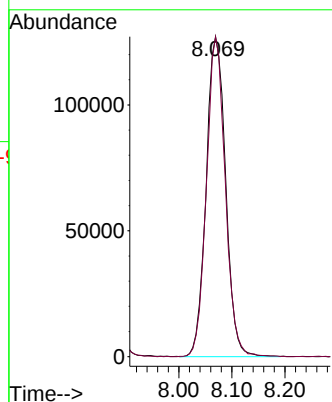
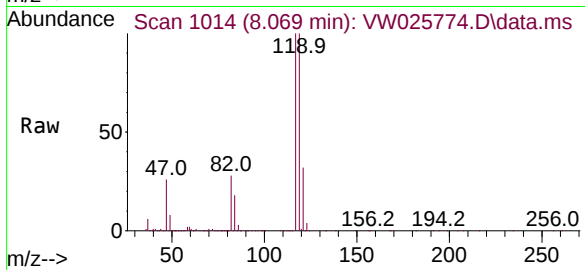
VSTD025453

Tgt Ion:117 Resp: 324344

Ion Ratio Lower Upper

117 100

119 96.1 76.9 115.3



#33

Benzene

Concen: 26.472 ug/L

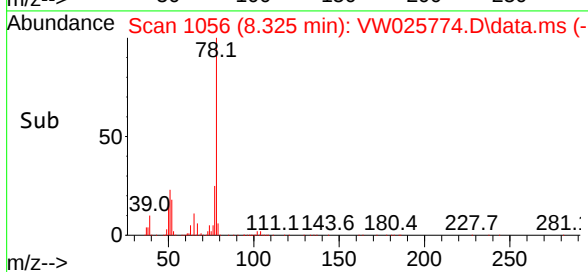
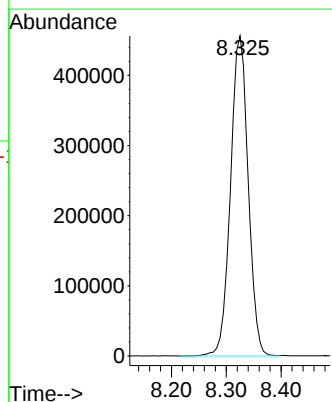
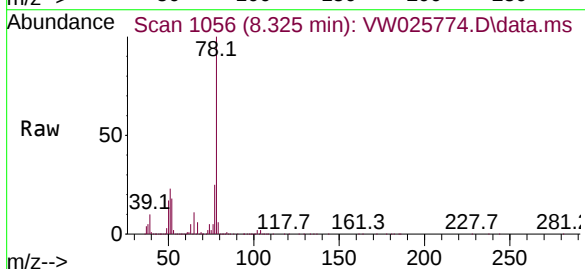
RT: 8.325 min Scan# 1056

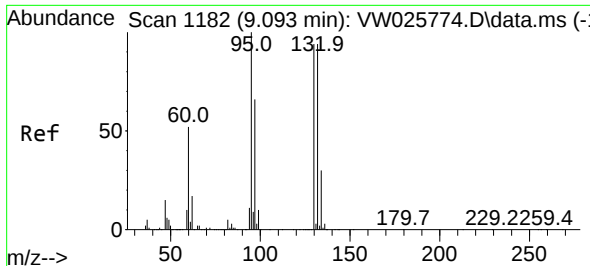
Delta R.T. 0.000 min

Lab File: VW025774.D

Acq: 01 May 2023 12:27

Tgt Ion: 78 Resp: 1020130





#34

Trichloroethene

Concen: 26.243 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW025774.D

Acq: 01 May 2023 12:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025453

Tgt Ion: 95 Resp: 259502

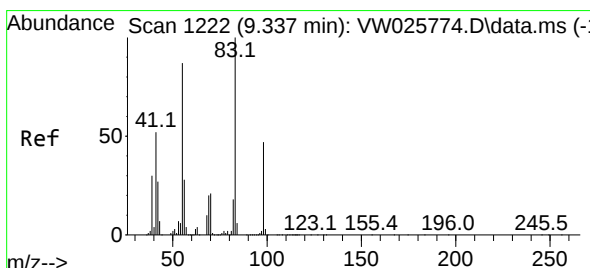
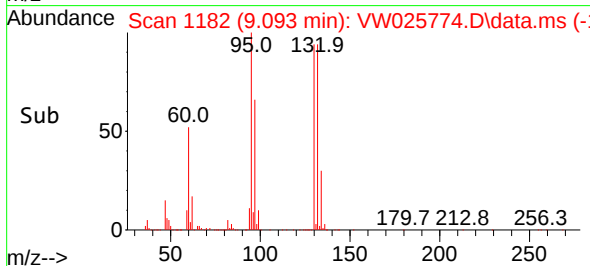
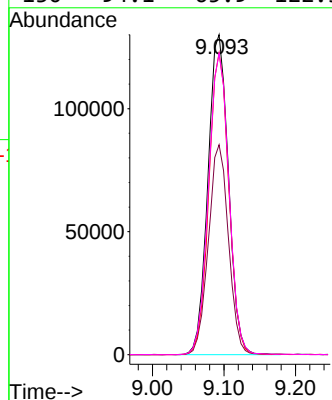
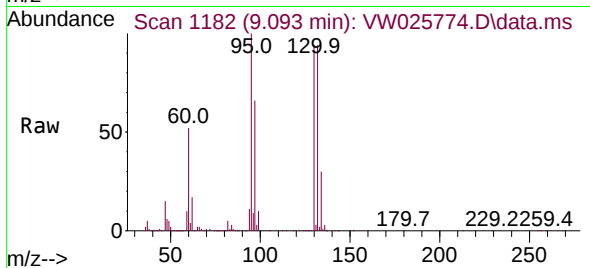
Ion Ratio Lower Upper

95 100

97 65.6 45.9 85.3

132 94.3 66.0 122.6

130 94.1 65.9 122.3



#35

Methylcyclohexane

Concen: 26.824 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW025774.D

Acq: 01 May 2023 12:27

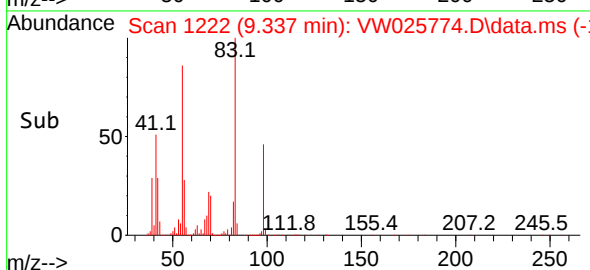
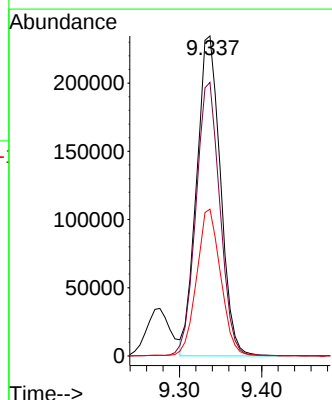
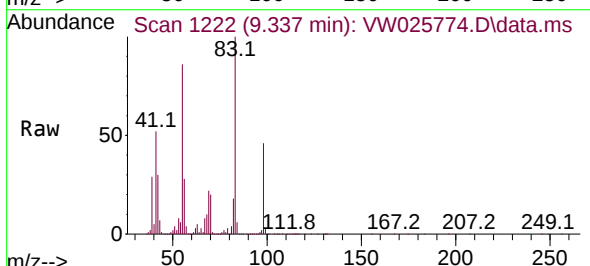
Tgt Ion: 83 Resp: 471772

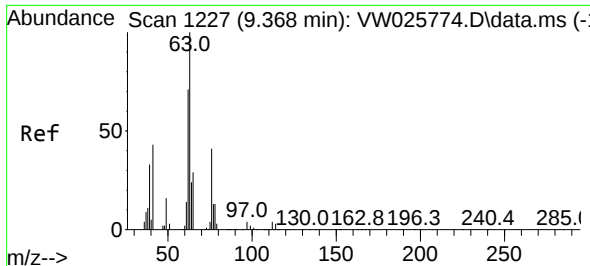
Ion Ratio Lower Upper

83 100

55 86.2 69.0 103.4

98 46.4 37.1 55.7





#37

1,2-Dichloropropane

Concen: 26.236 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025774.D

Acq: 01 May 2023 12:27

Instrument :

MSVOA_W

ClientSampleId :

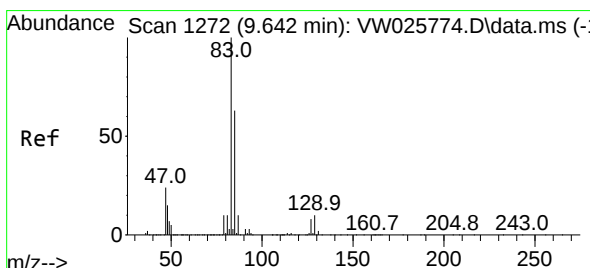
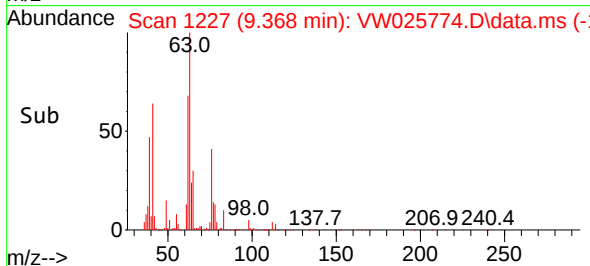
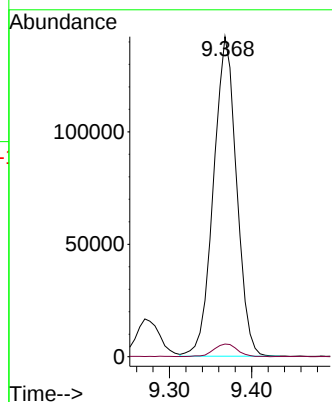
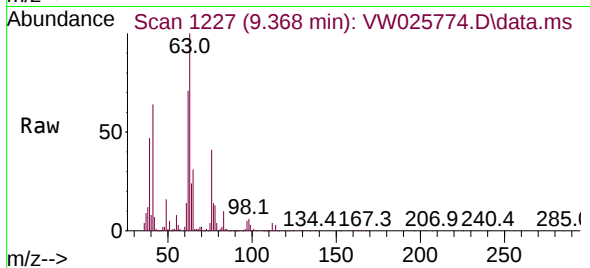
VSTD025453

Tgt Ion: 63 Resp: 276990

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 25.884 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW025774.D

Acq: 01 May 2023 12:27

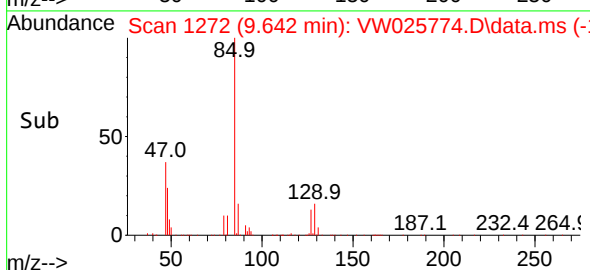
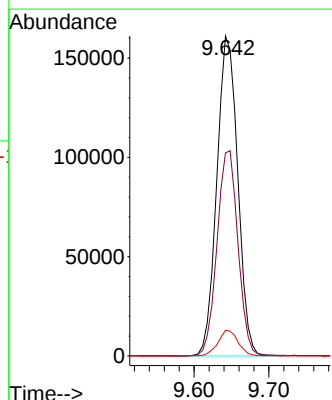
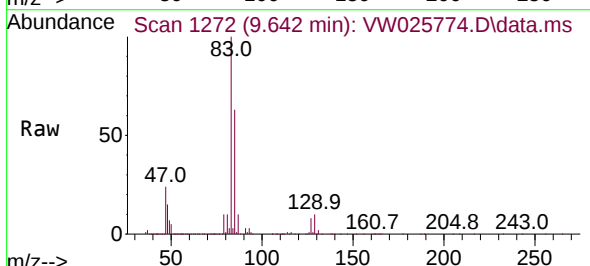
Tgt Ion: 83 Resp: 313520

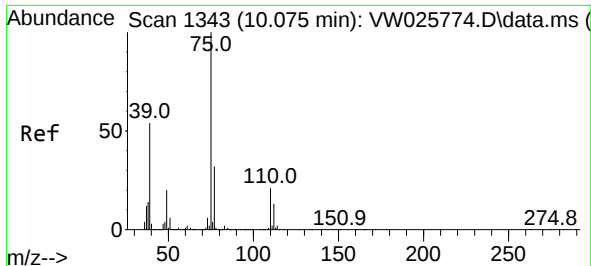
Ion Ratio Lower Upper

83 100

85 63.5 44.4 82.5

127 8.1 6.5 9.7

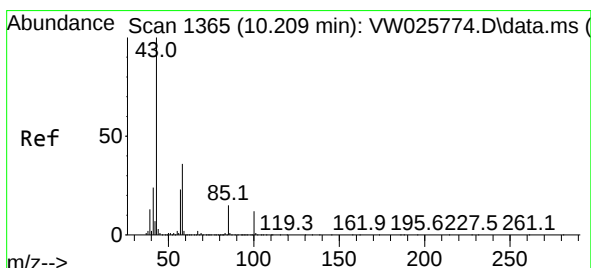
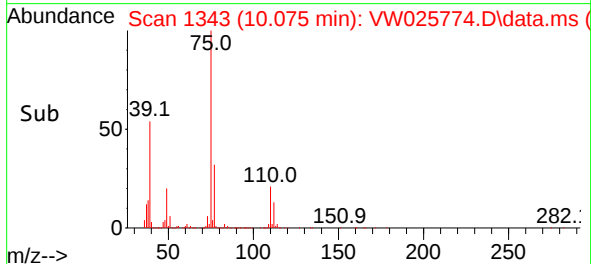
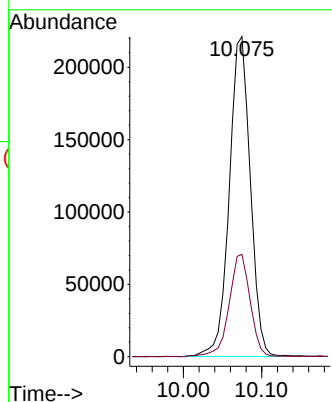
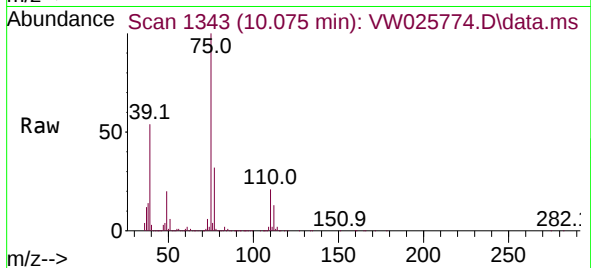




#39
 cis-1,3-Dichloropropene
 Concen: 26.616 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW025774.D
 Acq: 01 May 2023 12:27

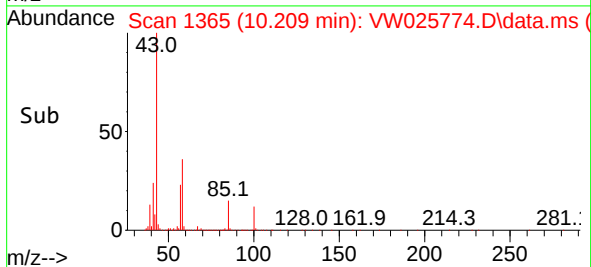
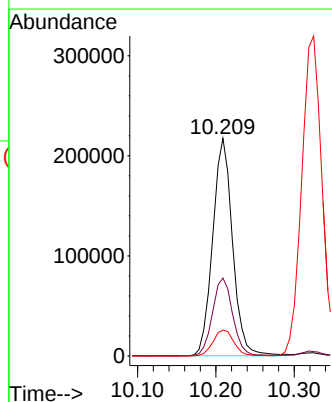
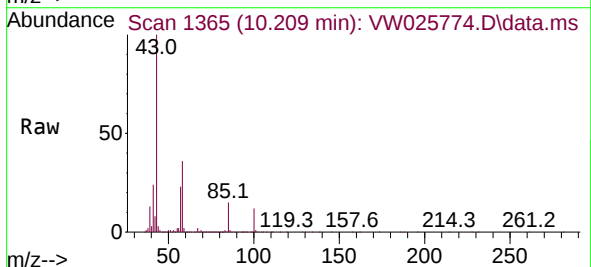
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025453

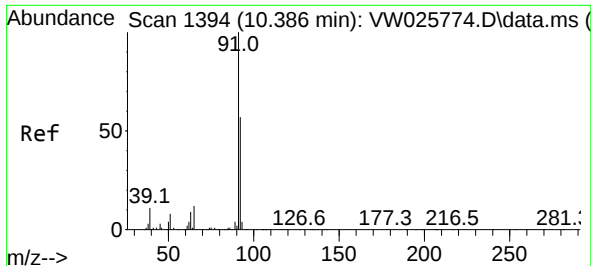
Tgt Ion: 75 Resp: 412085
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 55.728 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW025774.D
 Acq: 01 May 2023 12:27

Tgt Ion: 43 Resp: 382972
 Ion Ratio Lower Upper
 43 100
 58 36.7 29.4 44.0
 100 12.6 10.1 15.1

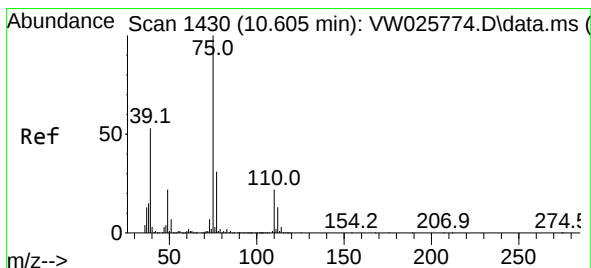
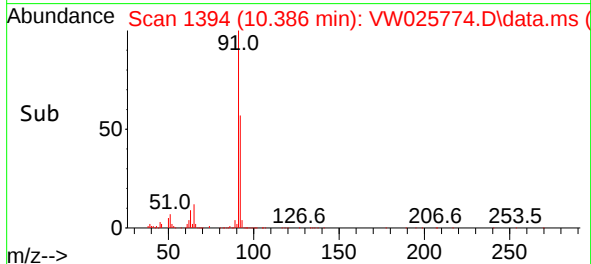
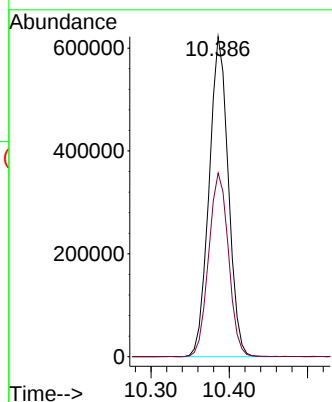
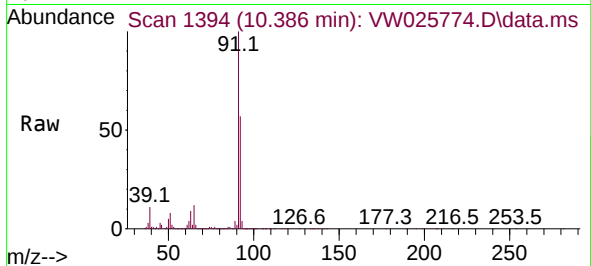




#42
Toluene
Concen: 26.880 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

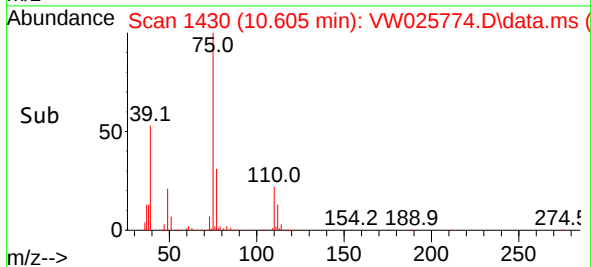
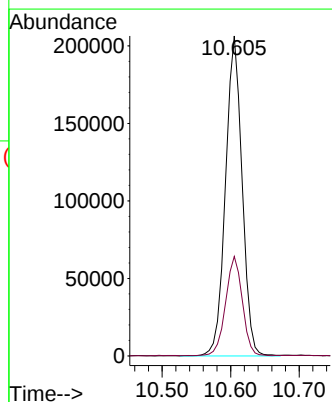
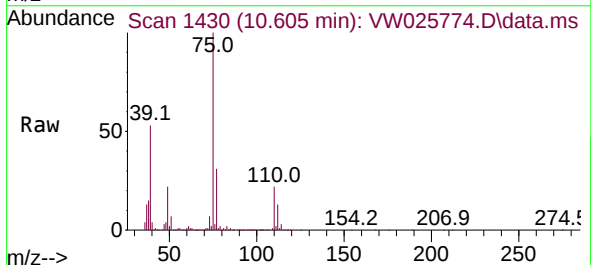
Instrument :
MSVOA_W
ClientSampleId :
VSTD025453

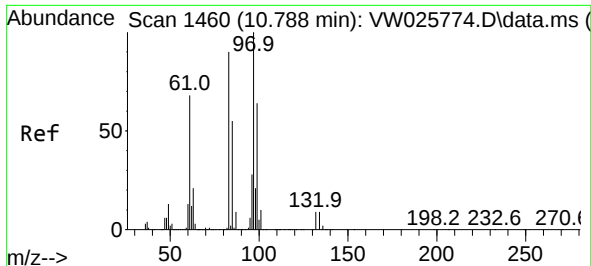
Tgt Ion: 91 Resp: 1058414
Ion Ratio Lower Upper
91 100
92 57.4 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 27.040 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

Tgt Ion: 75 Resp: 346899
Ion Ratio Lower Upper
75 100
77 31.1 21.8 40.4

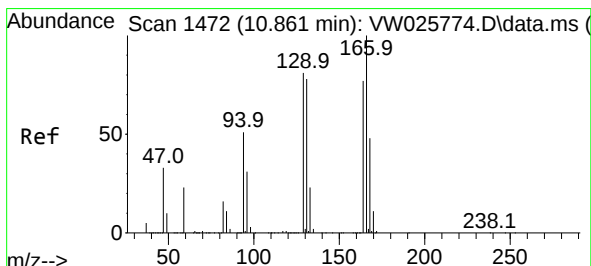
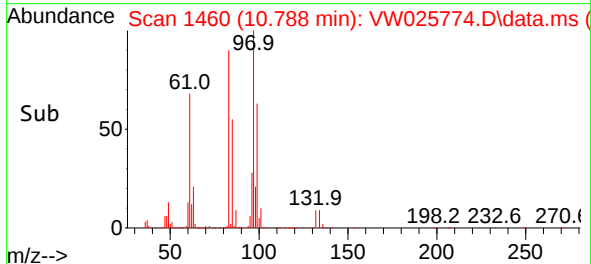
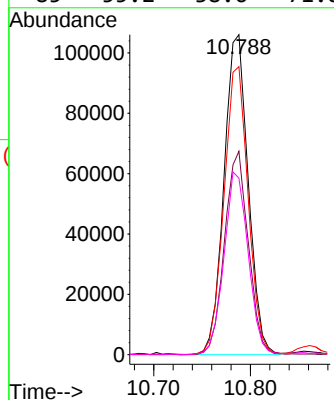
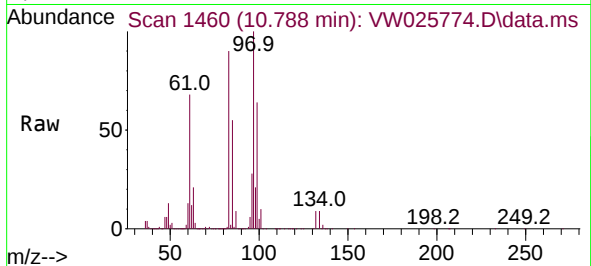




#45
1,1,2-Trichloroethane
Concen: 26.164 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

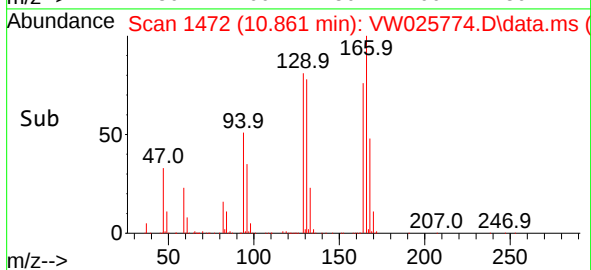
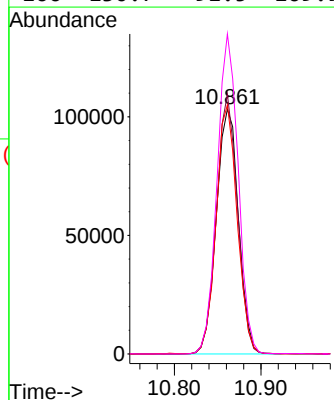
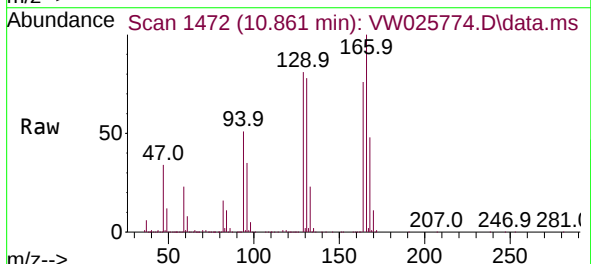
Instrument :
MSVOA_W
ClientSampleId :
VSTD025453

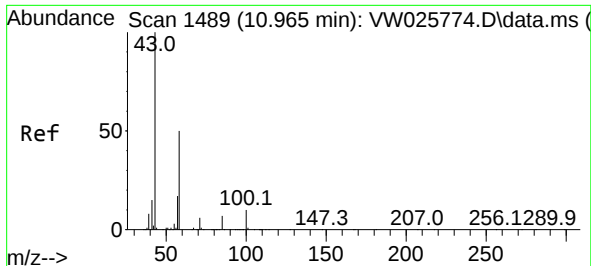
Tgt Ion:	97	Resp:	184785
Ion	Ratio	Lower	Upper
97	100		
99	63.6	44.5	82.7
83	90.0	63.0	117.0
85	55.2	38.6	71.8



#46
Tetrachloroethene
Concen: 26.385 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

Tgt Ion:	164	Resp:	183556
Ion	Ratio	Lower	Upper
164	100		
129	106.2	74.3	138.1
131	101.8	71.3	132.3
166	130.7	91.5	169.9

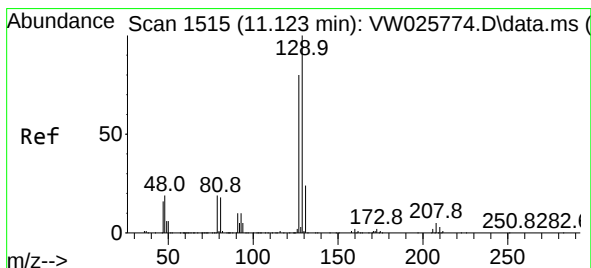
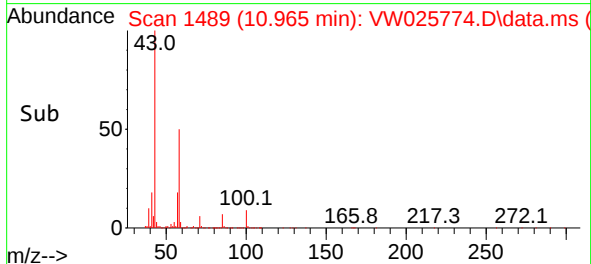
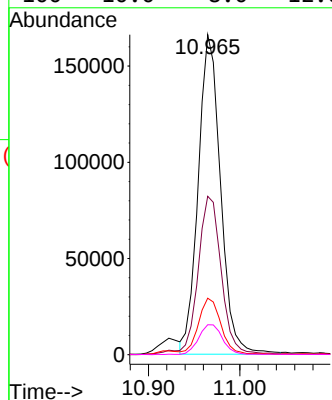
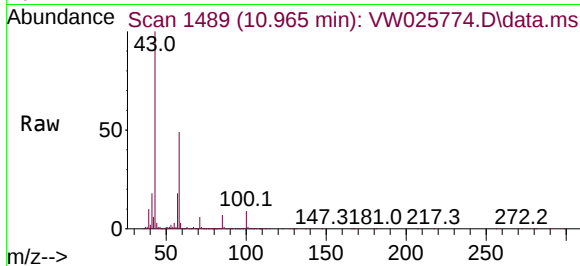




#48
2-Hexanone
Concen: 56.352 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

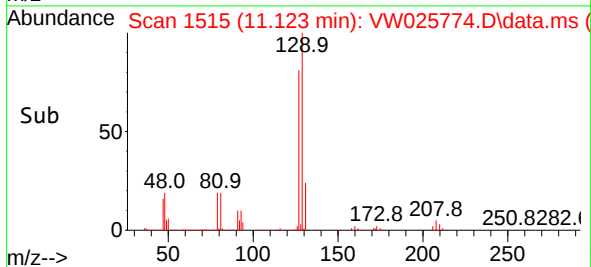
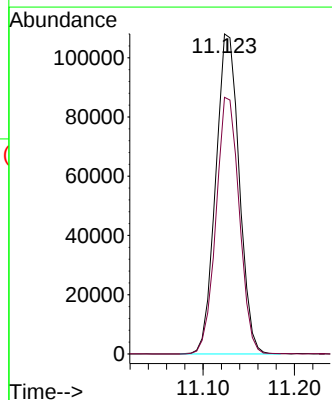
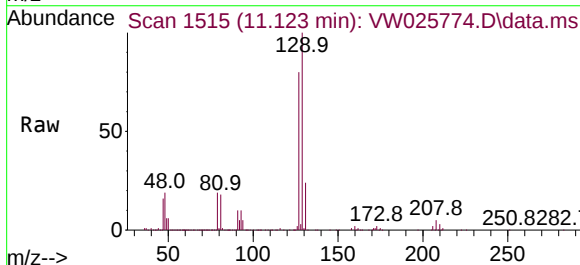
Instrument :
MSVOA_W
ClientSampleId :
VSTD025453

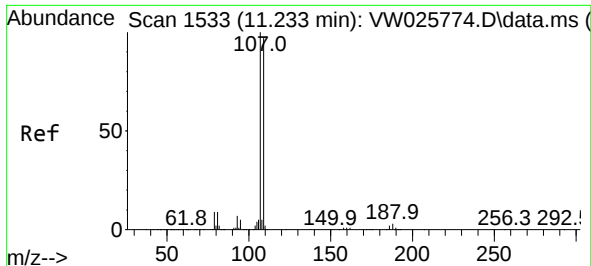
Tgt Ion:	43	Resp:	282130
Ion	Ratio	Lower	Upper
43	100		
58	51.0	40.8	61.2
57	17.0	13.6	20.4
100	10.0	8.0	12.0



#49
Dibromochloromethane
Concen: 26.438 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

Tgt Ion:	129	Resp:	193309
Ion	Ratio	Lower	Upper
129	100		
127	80.2	56.1	104.3





#50

1,2-Dibromoethane

Concen: 26.562 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW025774.D

Acq: 01 May 2023 12:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025453

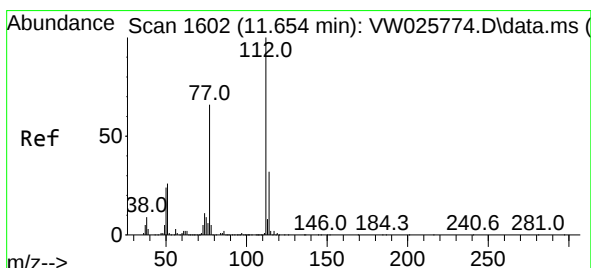
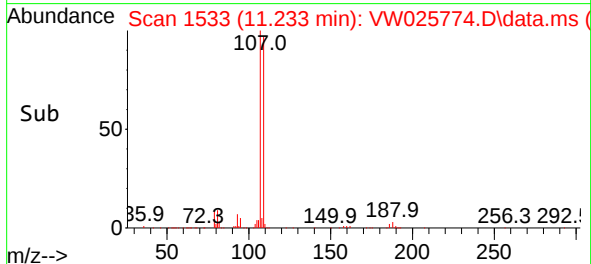
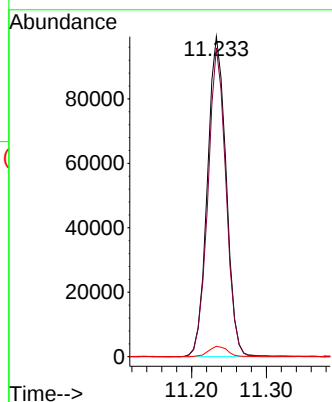
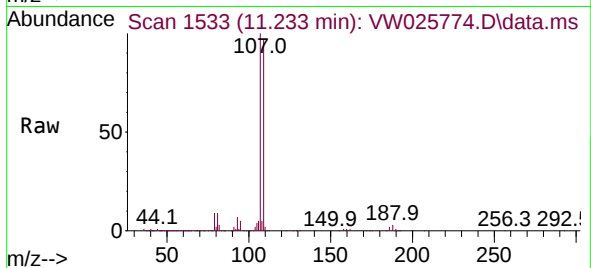
Tgt Ion:107 Resp: 172937

Ion Ratio Lower Upper

107 100

109 96.5 67.5 125.4

188 3.3 2.6 4.0



#51

Chlorobenzene

Concen: 25.648 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW025774.D

Acq: 01 May 2023 12:27

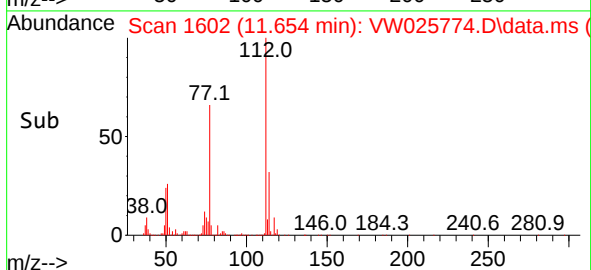
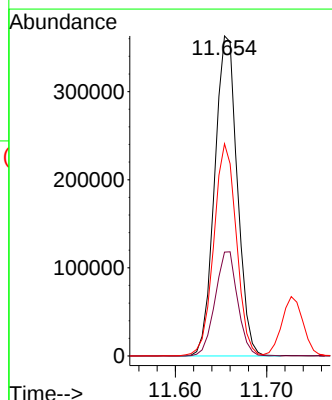
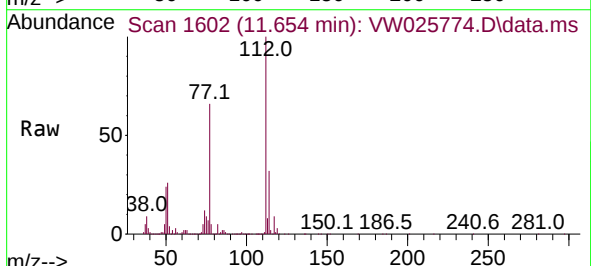
Tgt Ion:112 Resp: 625624

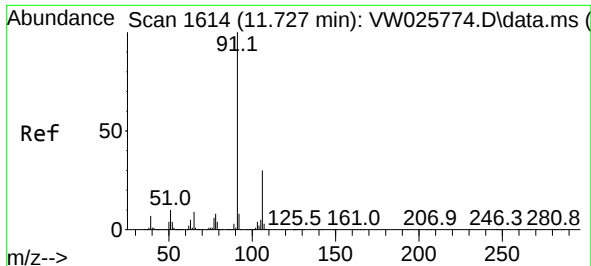
Ion Ratio Lower Upper

112 100

114 32.5 22.7 42.3

77 66.3 53.0 79.6

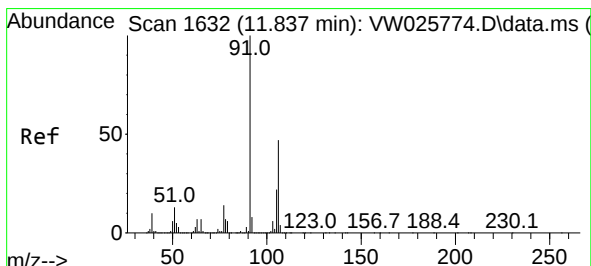
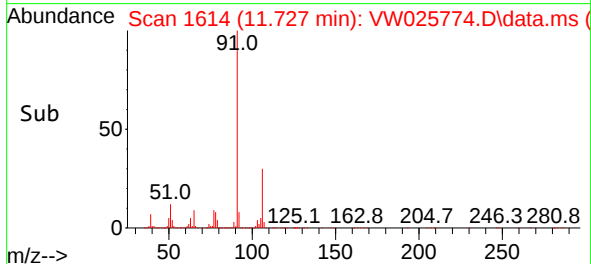
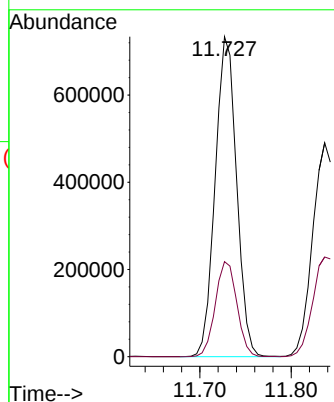
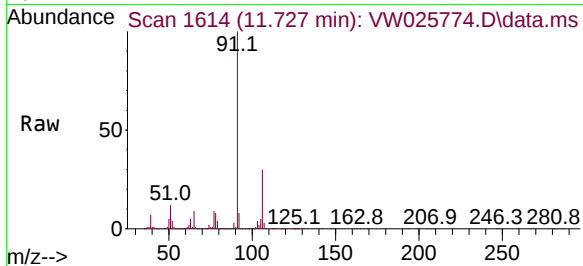




#52
Ethylbenzene
Concen: 26.992 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

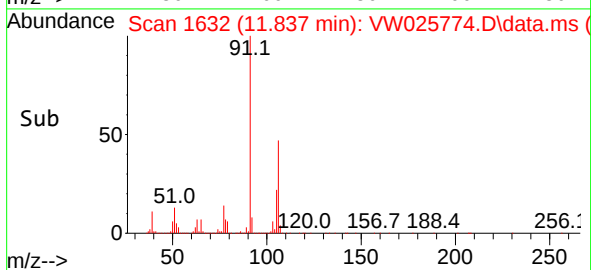
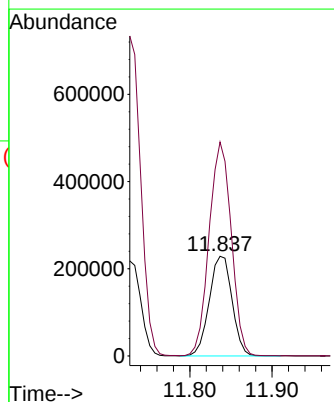
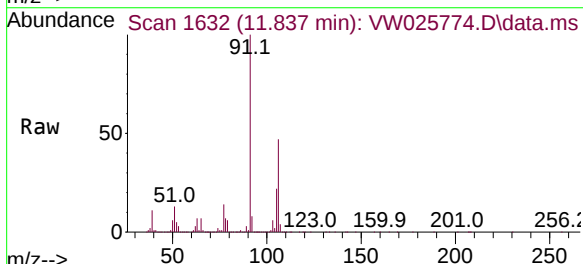
Instrument :
MSVOA_W
ClientSampleId :
VSTD025453

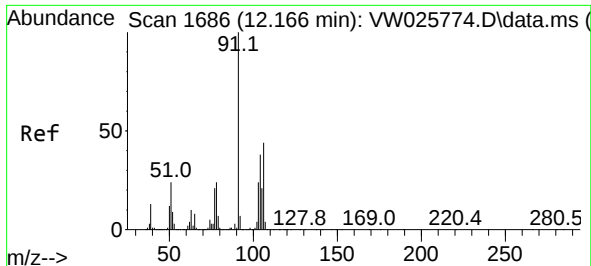
Tgt Ion: 91 Resp: 1195546
Ion Ratio Lower Upper
91 100
106 29.7 20.8 38.6



#53
m,p-Xylene
Concen: 27.034 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

Tgt Ion:106 Resp: 440701
Ion Ratio Lower Upper
106 100
91 214.5 150.1 278.9

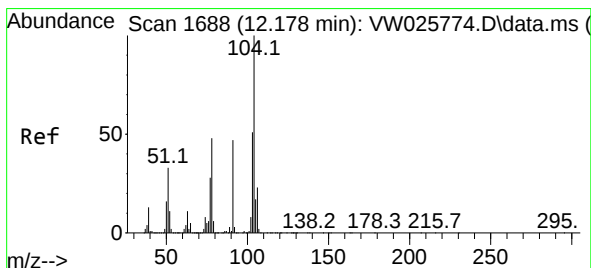
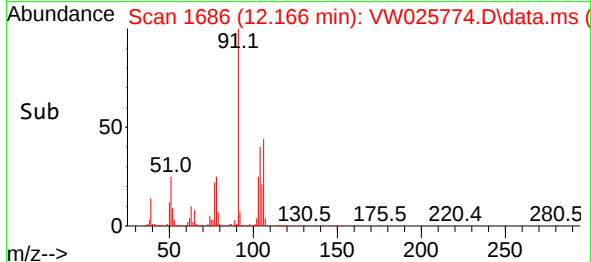
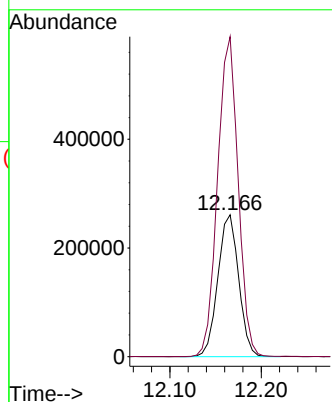
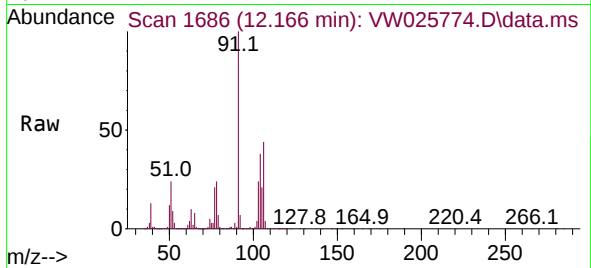




#54
o-Xylene
Concen: 26.968 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

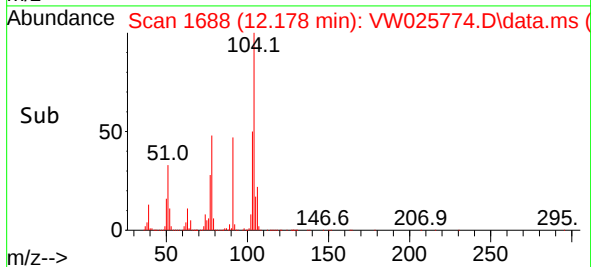
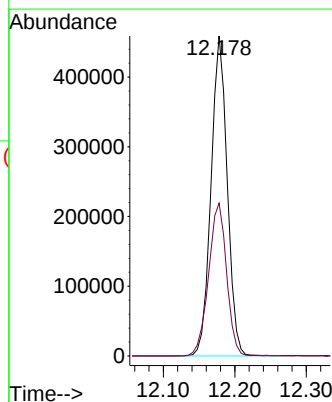
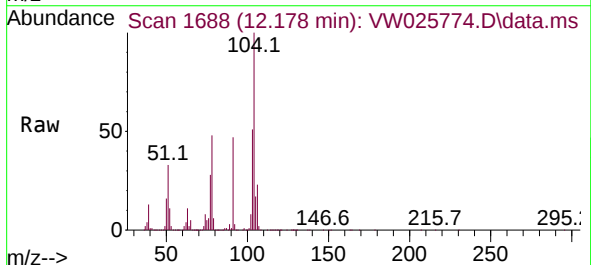
Instrument :
MSVOA_W
ClientSampleId :
VSTD025453

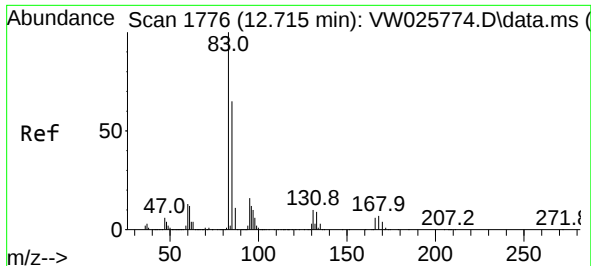
Tgt Ion:106 Resp: 414358
Ion Ratio Lower Upper
106 100
91 225.5 157.8 293.1



#55
Styrene
Concen: 27.430 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

Tgt Ion:104 Resp: 721383
Ion Ratio Lower Upper
104 100
78 47.7 33.4 62.0

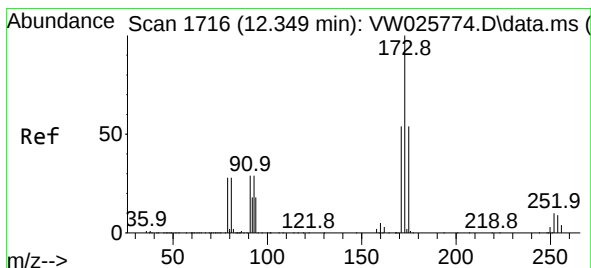
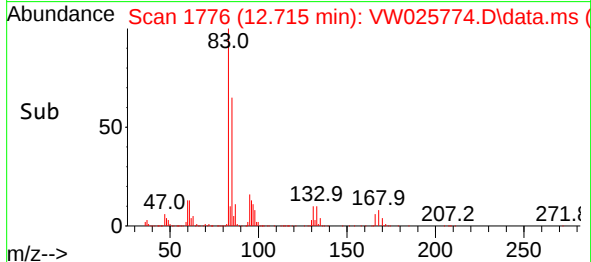
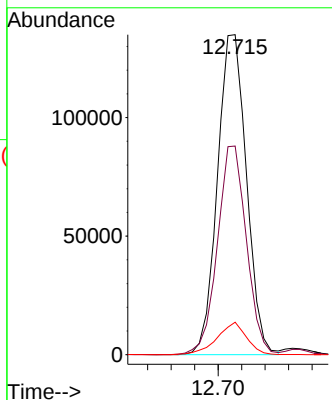
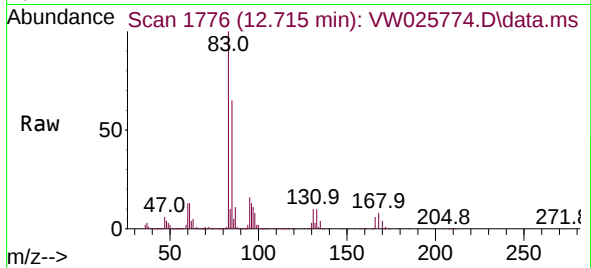




#57
1,1,2,2-Tetrachloroethane
Concen: 26.292 ug/L
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

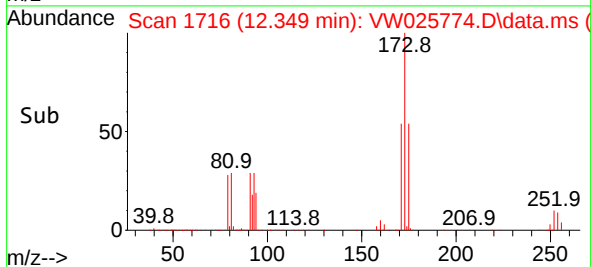
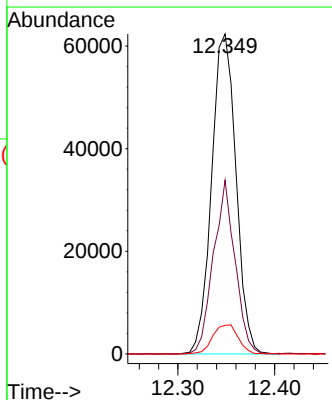
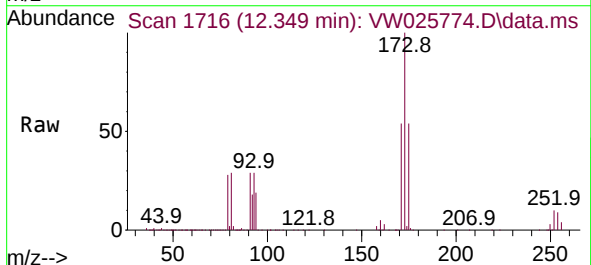
Instrument :
MSVOA_W
ClientSampleId :
VSTD025453

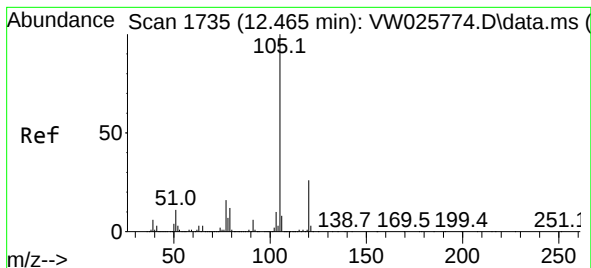
Tgt Ion: 83 Resp: 231697
Ion Ratio Lower Upper
83 100
85 65.2 45.6 84.8
131 10.1 8.1 12.1



#59
Bromoform
Concen: 26.145 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

Tgt Ion: 173 Resp: 109248
Ion Ratio Lower Upper
173 100
175 48.2 38.6 57.8
254 9.5 7.6 11.4





#60

Isopropylbenzene

Concen: 26.976 ug/L

RT: 12.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025774.D

Acq: 01 May 2023 12:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025453

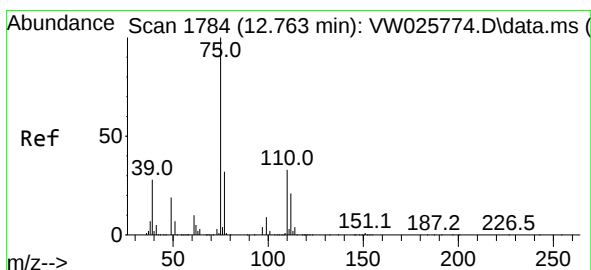
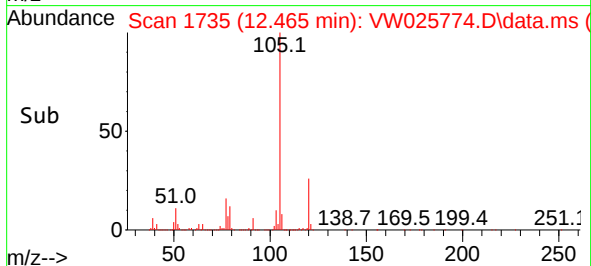
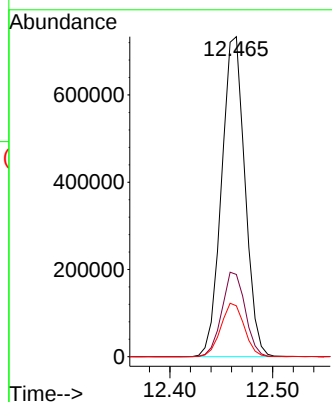
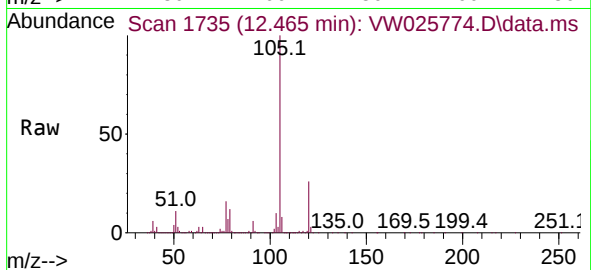
Tgt Ion:105 Resp: 1156729

Ion Ratio Lower Upper

105 100

120 26.4 21.1 31.7

77 16.7 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 26.069 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW025774.D

Acq: 01 May 2023 12:27

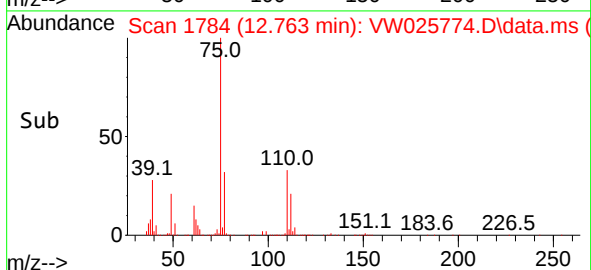
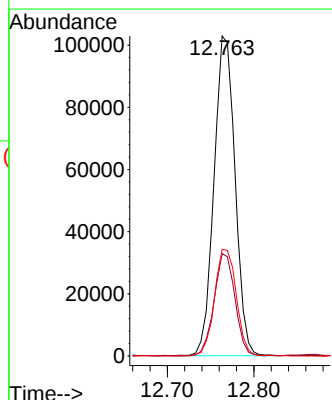
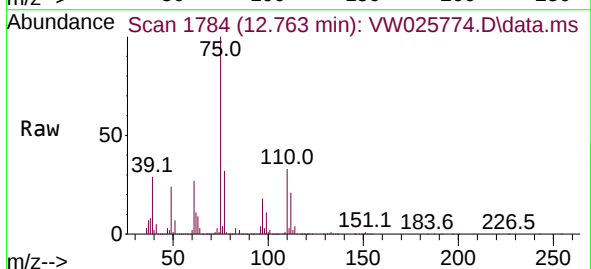
Tgt Ion: 75 Resp: 173805

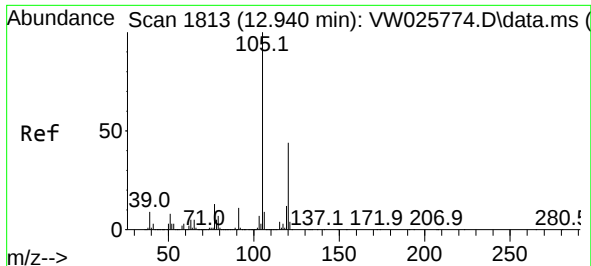
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

110 34.5 27.6 41.4





#62

1,3,5-Trimethylbenzene

Concen: 27.790 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW025774.D

Acq: 01 May 2023 12:27

Instrument :

MSVOA_W

ClientSampleId :

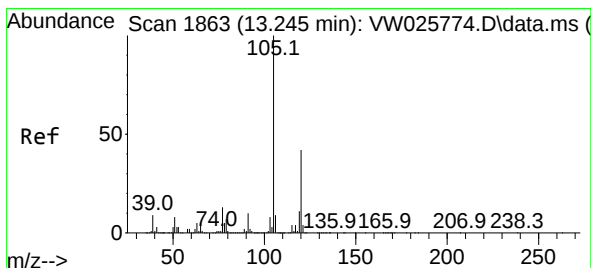
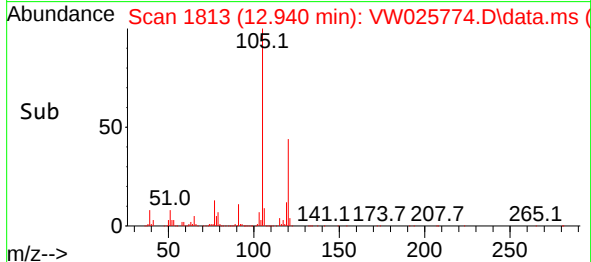
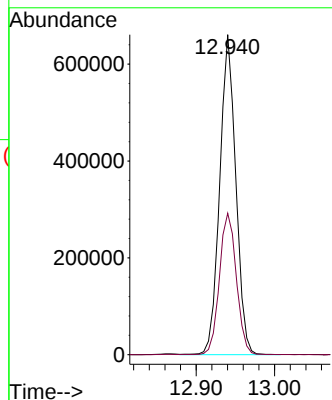
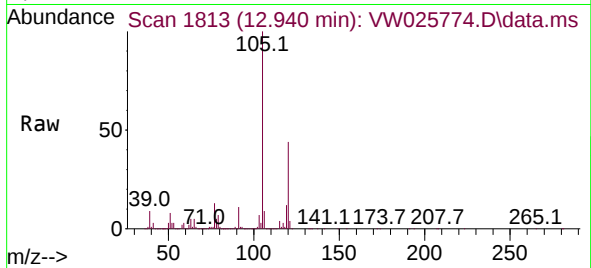
VSTD025453

Tgt Ion:105 Resp: 943833

Ion Ratio Lower Upper

105 100

120 46.4 37.1 55.7



#63

1,2,4-Trimethylbenzene

Concen: 27.810 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW025774.D

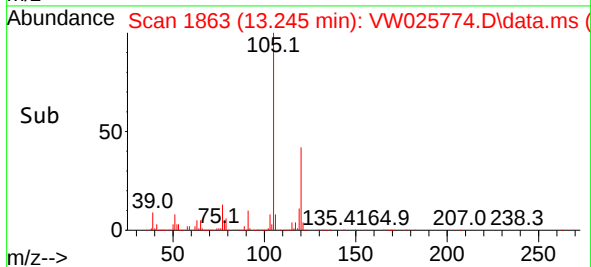
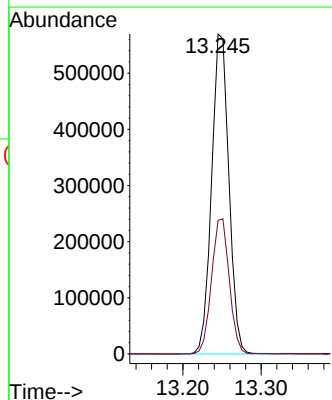
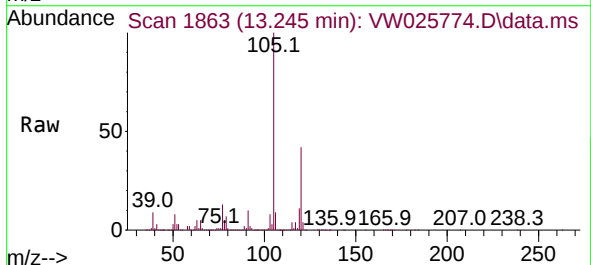
Acq: 01 May 2023 12:27

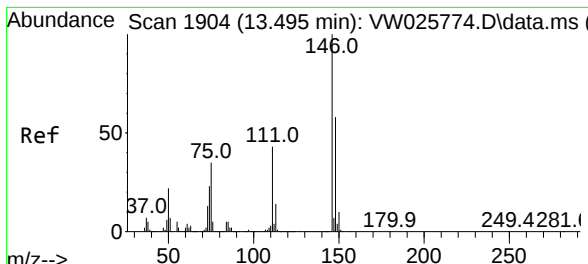
Tgt Ion:105 Resp: 871585

Ion Ratio Lower Upper

105 100

120 43.4 34.7 52.1



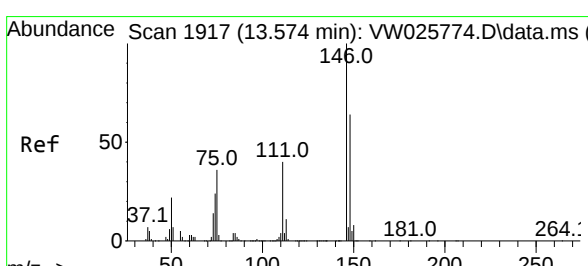
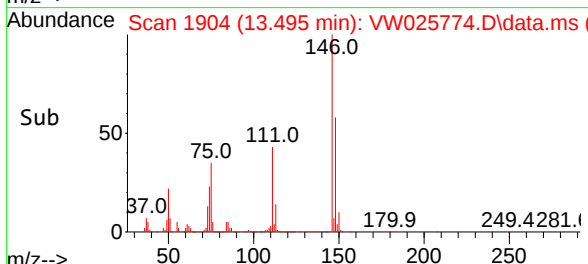
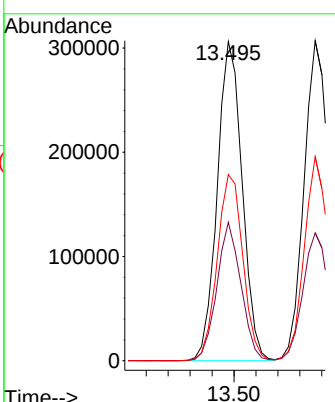
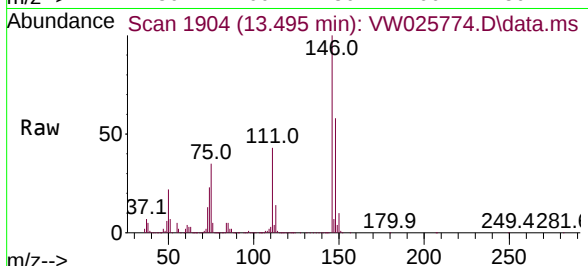


#64
 1,3-Dichlorobenzene
 Concen: 26.226 ug/L
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW025774.D
 Acq: 01 May 2023 12:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025453

Tgt Ion:146 Resp: 484106

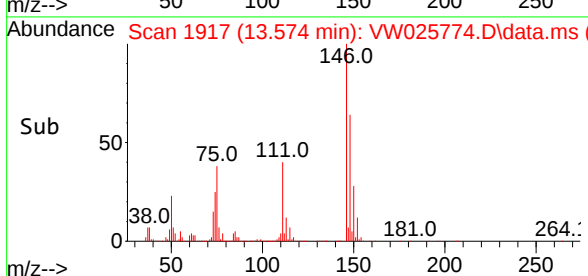
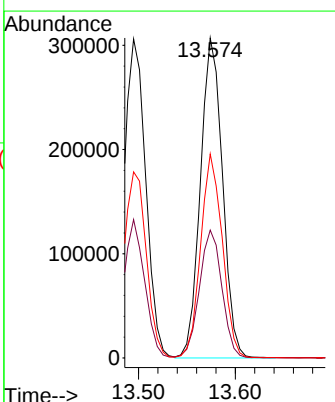
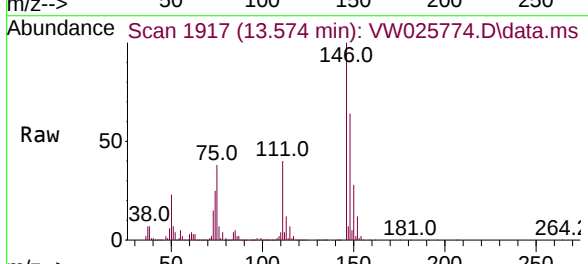
Ion	Ratio	Lower	Upper
146	100		
111	43.4	30.4	56.4
148	58.3	40.8	75.8

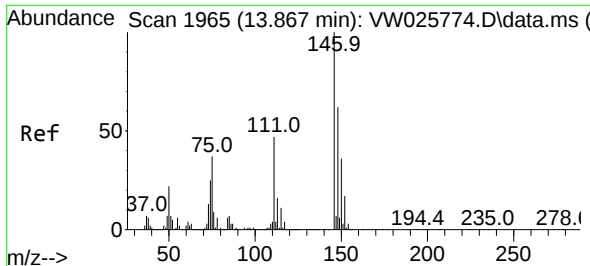


#65
 1,4-Dichlorobenzene
 Concen: 26.179 ug/L
 RT: 13.574 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VW025774.D
 Acq: 01 May 2023 12:27

Tgt Ion:146 Resp: 488228

Ion	Ratio	Lower	Upper
146	100		
111	39.9	27.9	51.9
148	63.8	44.7	82.9

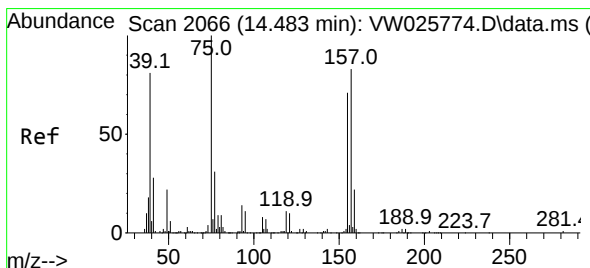
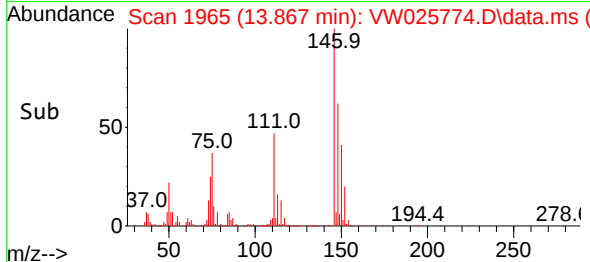
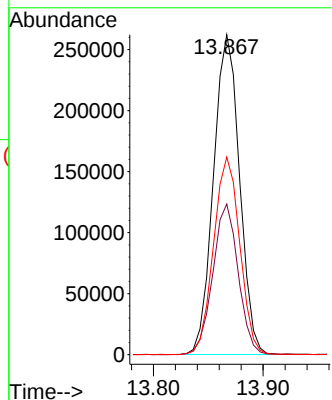
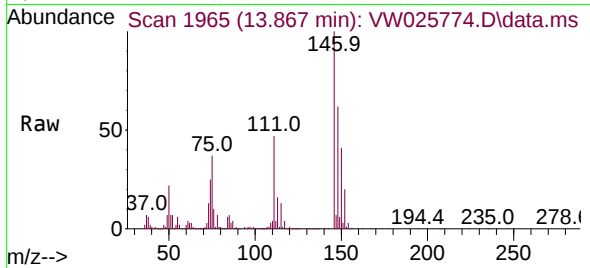




#67
1,2-Dichlorobenzene
Concen: 26.267 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

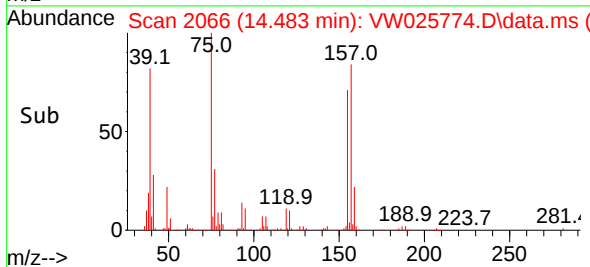
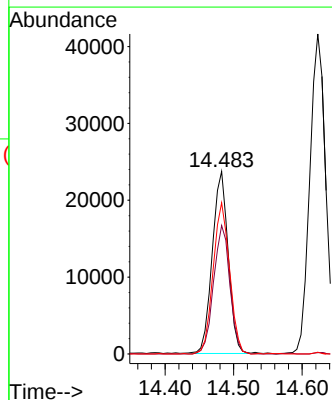
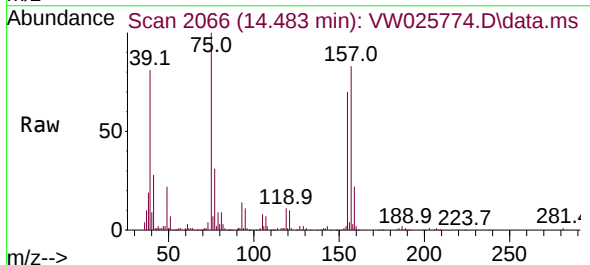
Instrument :
MSVOA_W
ClientSampleId :
VSTD025453

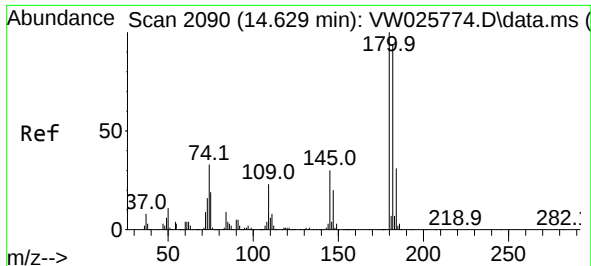
Tgt Ion:146 Resp: 432412
Ion Ratio Lower Upper
146 100
111 47.1 37.7 56.5
148 61.7 49.4 74.0



#68
1,2-Dibromo-3-chloropropane
Concen: 24.780 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

Tgt Ion: 75 Resp: 38309
Ion Ratio Lower Upper
75 100
155 70.4 56.3 84.5
157 82.9 66.3 99.5

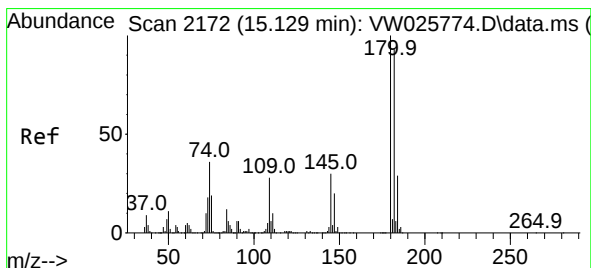
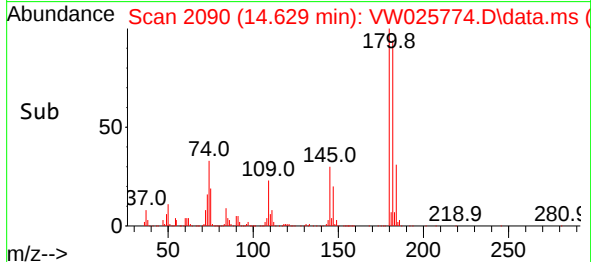
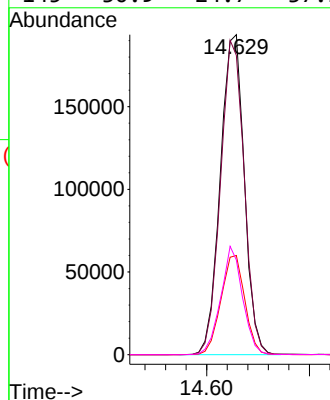
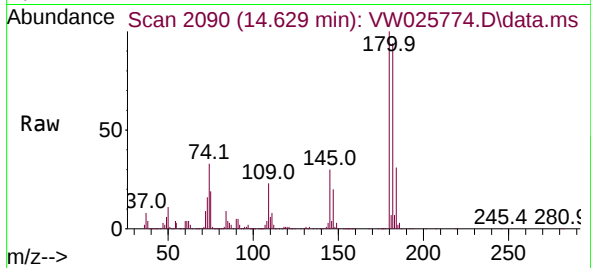




#69
1,3,5-Trichlorobenzene
Concen: 25.578 ug/L
RT: 14.629 min Scan# 2090
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

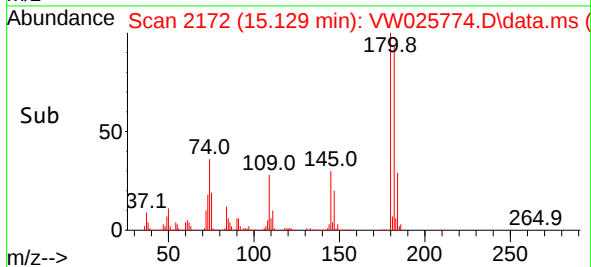
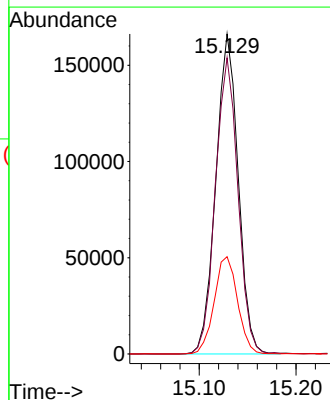
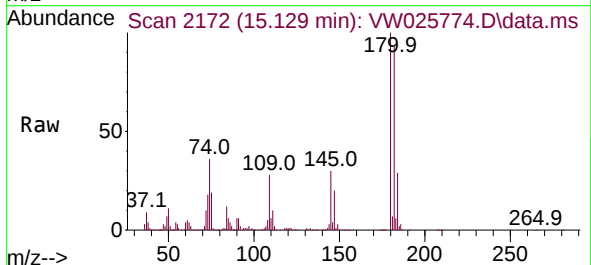
Instrument :
MSVOA_W
ClientSampleId :
VSTD025453

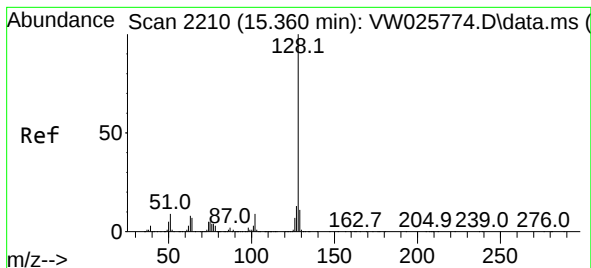
Tgt Ion:	180	Resp:	313416
Ion Ratio	Lower	Upper	
180	100		
182	96.7	77.4	116.0
184	30.9	24.7	37.1
145	30.9	24.7	37.1



#70
1,2,4-trichlorobenzene
Concen: 26.056 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW025774.D
Acq: 01 May 2023 12:27

Tgt Ion:	180	Resp:	267470
Ion Ratio	Lower	Upper	
180	100		
182	92.9	74.3	111.5
145	31.7	25.4	38.0





#71

Naphthalene

Concen: 27.448 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW025774.D

Acq: 01 May 2023 12:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025453

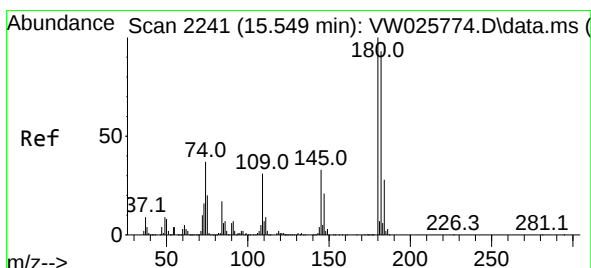
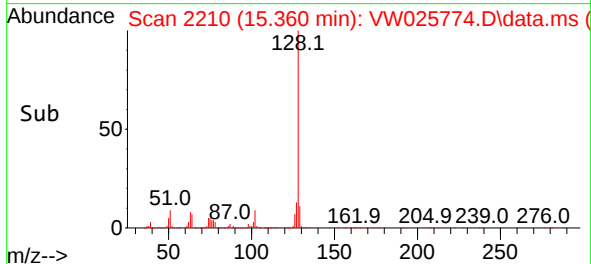
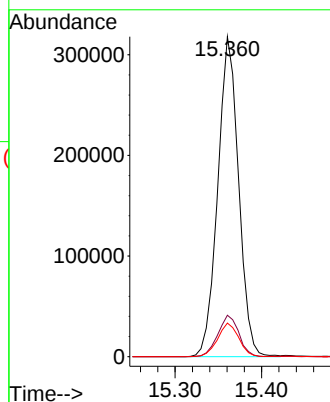
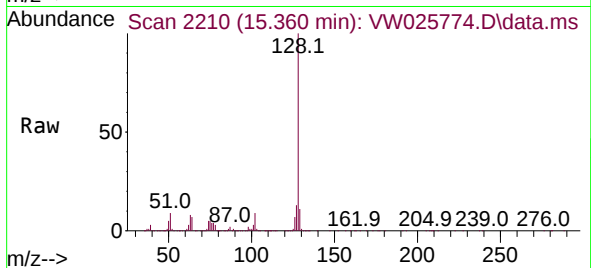
Tgt Ion:128 Resp: 531795

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.6 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.984 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW025774.D

Acq: 01 May 2023 12:27

Tgt Ion:180 Resp: 236665

Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

145 35.0 28.0 42.0

