

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031723\
 Data File : VW025411.D
 Acq On : 17 Mar 2023 11:40
 Operator : SY/MD
 Sample : 01927-12MS
 Misc : 4.39g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCAQ8MS

Quant Time: Mar 17 21:40:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 17 21:39:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	735835	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	604575	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	229290	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	242735	19.840	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.360%
7) Chloroethane-d5	2.899	69	188132	21.370	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.480%
11) 1,1-Dichloroethene-d2	4.027	63	507929	21.495	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.960%
21) 2-Butanone-d5	7.075	46	122438	40.770	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.540%
24) Chloroform-d	7.648	84	478085	22.537	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.160%
26) 1,2-Dichloroethane-d4	8.307	65	253780	22.289	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.160%
32) Benzene-d6	8.276	84	969419	23.467	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.880%
36) 1,2-Dichloropropane-d6	9.270	67	304641	23.838	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.360%
41) Toluene-d8	10.319	98	814510	22.363	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.440%
43) trans-1,3-Dichloroprop...	10.575	79	104447	20.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.080%
47) 2-Hexanone-d5	10.922	63	77564	42.207	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	201016	21.470	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.880%
66) 1,2-Dichlorobenzene-d4	13.849	152	186385	21.859	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	175163	20.830	ug/L	92
3) Chloromethane	2.229	50	247368	24.734	ug/L	98
5) Vinyl chloride	2.375	62	282847	25.033	ug/L	97
6) Bromomethane	2.790	94	132871	22.057	ug/L	95
8) Chloroethane	2.936	64	162532	25.027	ug/L	92
9) Trichlorofluoromethane	3.265	101	214523	21.935	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	219257	23.118	ug/L	96
13) Acetone	4.125	43	115864	40.134	ug/L	99
14) Carbon disulfide	4.393	76	700630	24.558	ug/L	99
15) Methyl Acetate	4.673	43	86021	15.883	ug/L	98
16) Methylene chloride	4.929	84	241674	23.587	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	230341	23.946	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	343846	23.744	ug/L	100
19) 1,1-Dichloroethane	6.222	63	482034	24.199	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	249156	23.658	ug/L #	93
22) 2-Butanone	7.173	43	151778	40.642	ug/L	100
23) Bromochloromethane	7.520	128	103906	22.943	ug/L	89
25) Chloroform	7.679	83	449022	23.979	ug/L	98
27) 1,2-Dichloroethane	8.398	62	298444	23.882	ug/L	99

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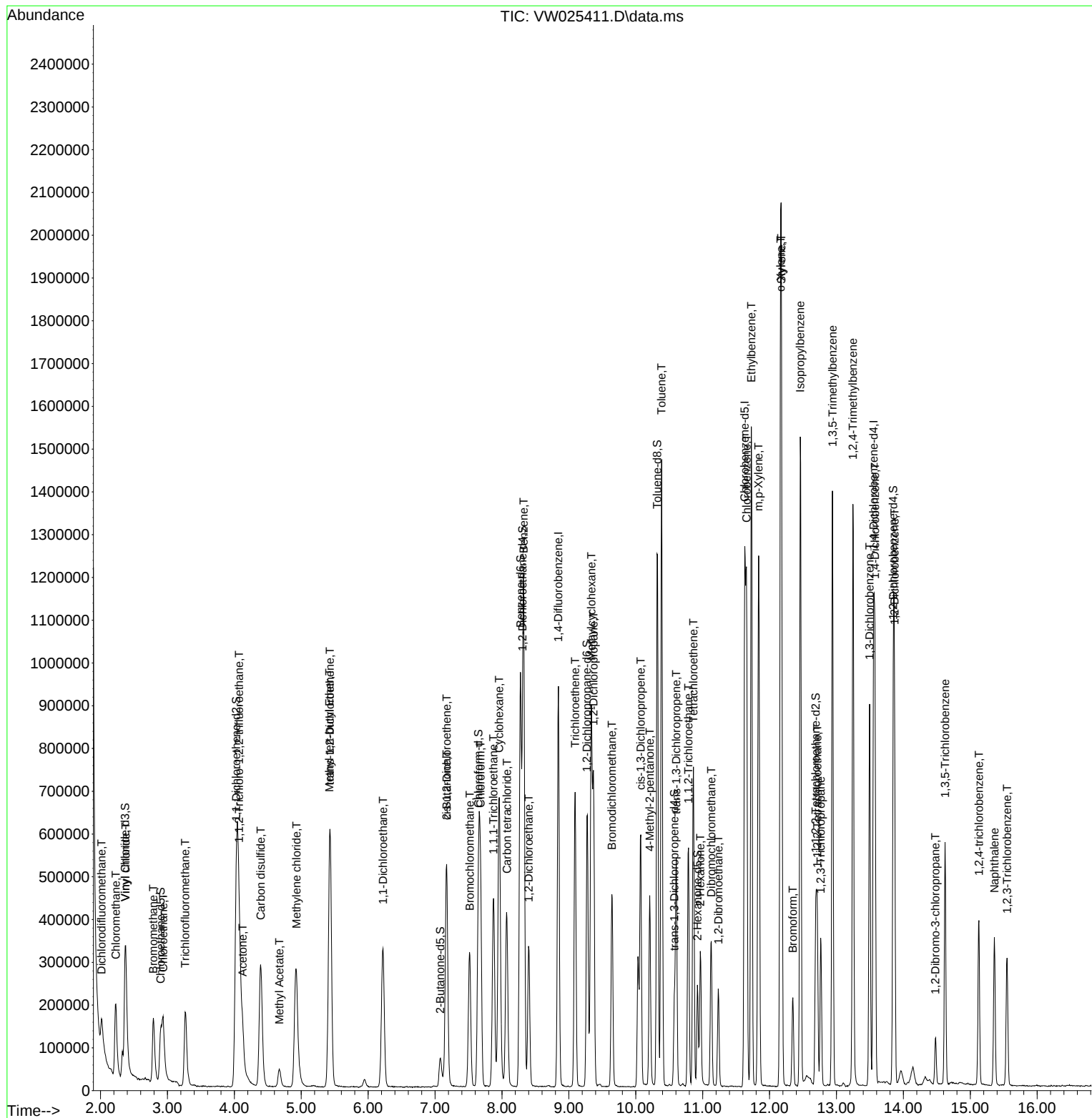
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	404493	23.702	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	353789	24.617	ug/L	99
31) Carbon tetrachloride	8.075	117	311780	24.202	ug/L	100
33) Benzene	8.325	78	1001813	25.918	ug/L	100
34) Trichloroethene	9.093	95	247019	24.349	ug/L	99
35) Methylcyclohexane	9.337	83	330994	18.940	ug/L	99
37) 1,2-Dichloropropane	9.368	63	270683	25.441	ug/L	100
38) Bromodichloromethane	9.642	83	308873	24.892	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	343735	22.425	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	308304	48.211	ug/L	99
42) Toluene	10.386	91	998504	25.019	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	278150	21.669	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	172439	24.133	ug/L	99
46) Tetrachloroethene	10.861	164	159089	22.039	ug/L	98
48) 2-Hexanone	10.965	43	208815	45.387	ug/L	99
49) Dibromochloromethane	11.129	129	178909	23.434	ug/L	96
50) 1,2-Dibromoethane	11.233	107	150440	22.746	ug/L #	96
51) Chlorobenzene	11.654	112	563795	22.259	ug/L	98
52) Ethylbenzene	11.727	91	1045712	22.974	ug/L	96
53) m,p-Xylene	11.837	106	381885	22.747	ug/L	100
54) o-Xylene	12.166	106	373490	23.642	ug/L	96
55) Styrene	12.178	104	595567	22.077	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.715	83	194942	21.933	ug/L	98
59) Bromoform	12.349	173	93630	28.303	ug/L	99
60) Isopropylbenzene	12.459	105	942694	27.580	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	142121	28.449	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	713284	26.349	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	702534	26.343	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	332626	22.966	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	332116	22.355	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	296200	22.802	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	28655	24.777	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	164458	16.704	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	111732	13.687	ug/L	96
71) Naphthalene	15.360	128	280467	17.406	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	97752	13.332	ug/L	94

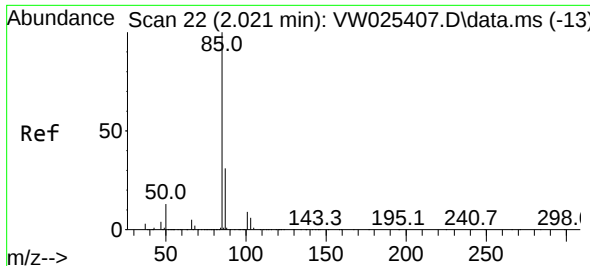
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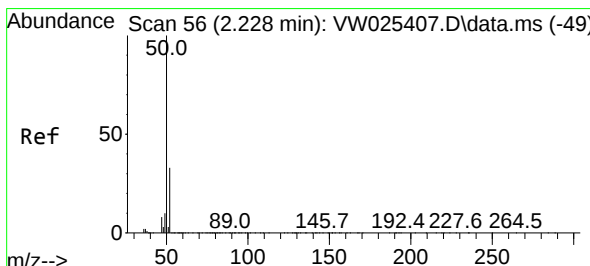
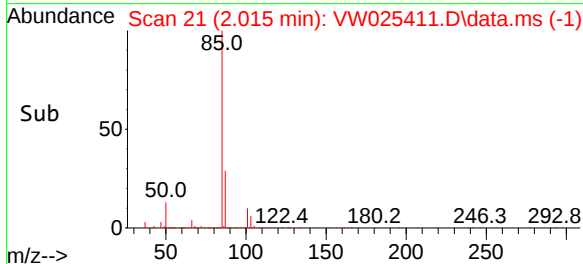
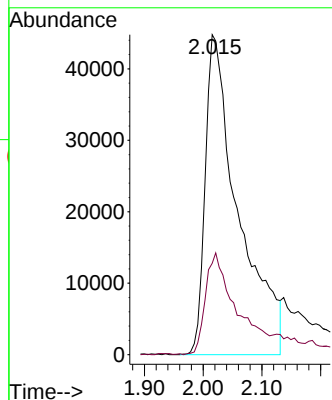
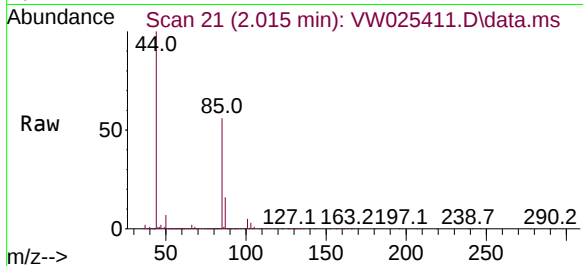




#2
 Dichlorodifluoromethane
 Concen: 20.830 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW025411.D
 Acq: 17 Mar 2023 11:40

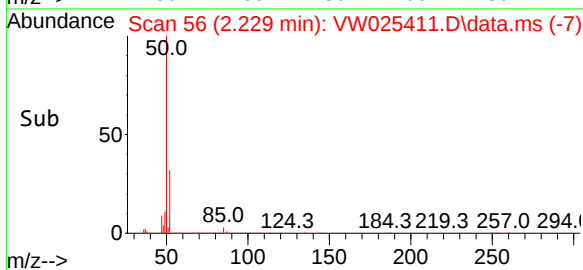
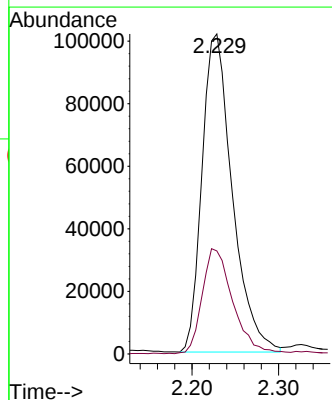
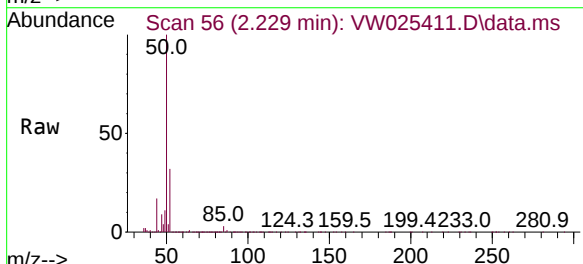
Instrument :
 MSVOA_W
 ClientSampleId :
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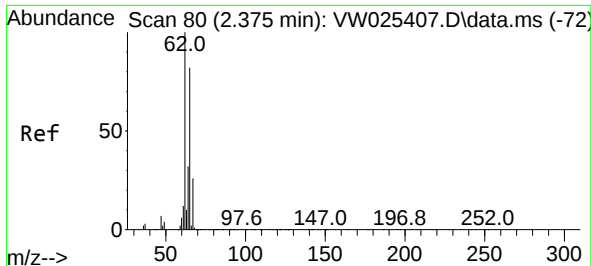
Tgt Ion: 85 Resp: 175163
 Ion Ratio Lower Upper
 85 100
 87 29.8 20.5 30.7



#3
 Chloromethane
 Concen: 24.734 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW025411.D
 Acq: 17 Mar 2023 11:40

Tgt Ion: 50 Resp: 247368
 Ion Ratio Lower Upper
 50 100
 52 32.2 21.9 40.7

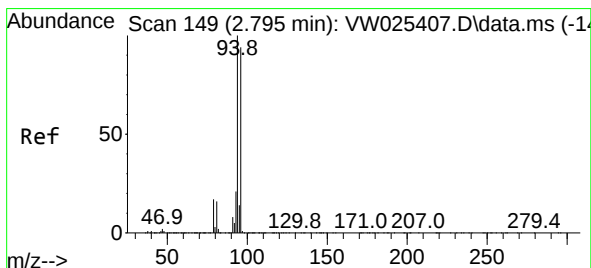
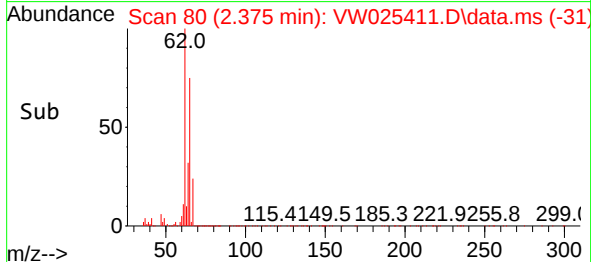
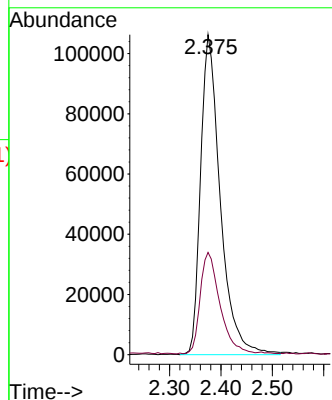
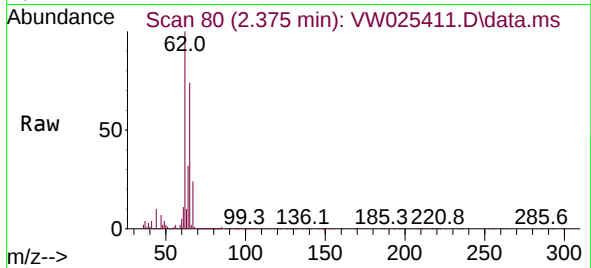




#5
 Vinyl chloride
 Concen: 25.033 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW025411.D
 Acq: 17 Mar 2023 11:40

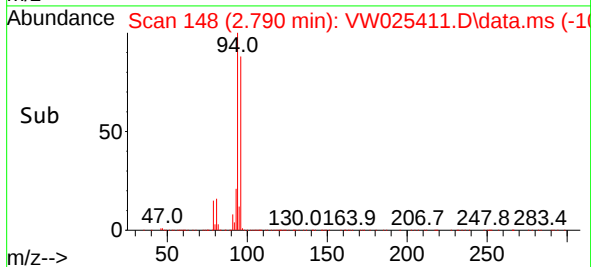
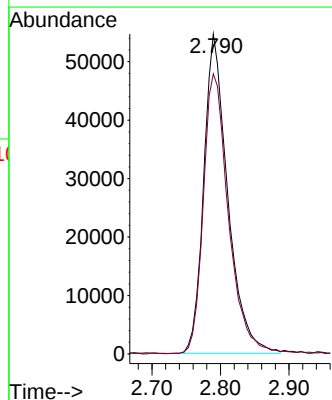
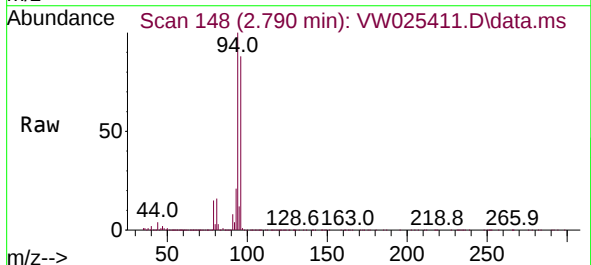
Instrument :
 MSVOA_W
 ClientSampleId :
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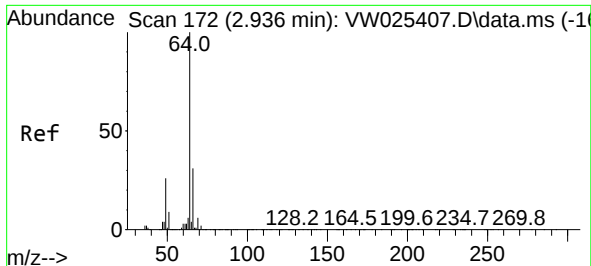
Tgt Ion: 62 Resp: 282847
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.4 43.6



#6
 Bromomethane
 Concen: 22.057 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW025411.D
 Acq: 17 Mar 2023 11:40

Tgt Ion: 94 Resp: 132871
 Ion Ratio Lower Upper
 94 100
 96 87.5 64.5 119.9

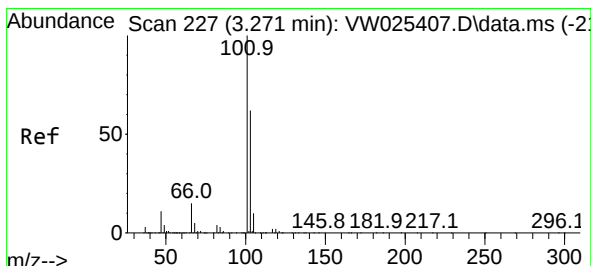
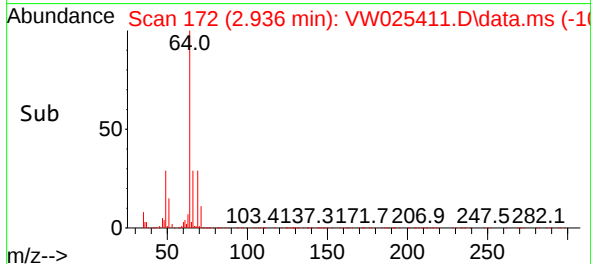
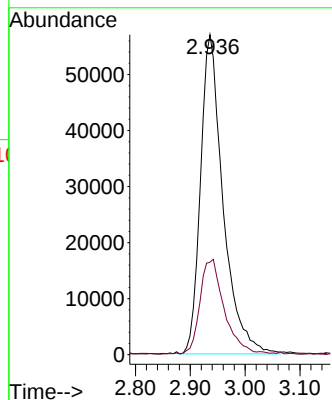
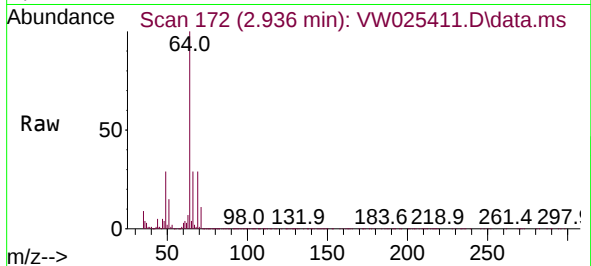




#8
Chloroethane
Concen: 25.027 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

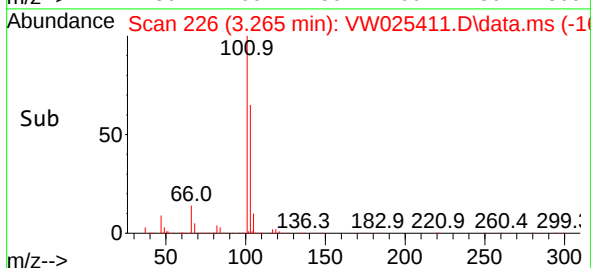
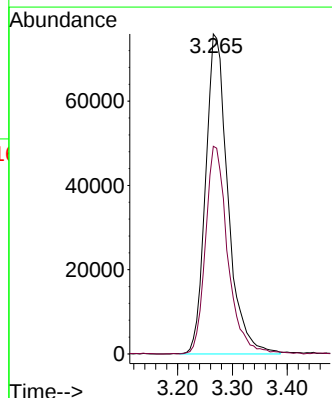
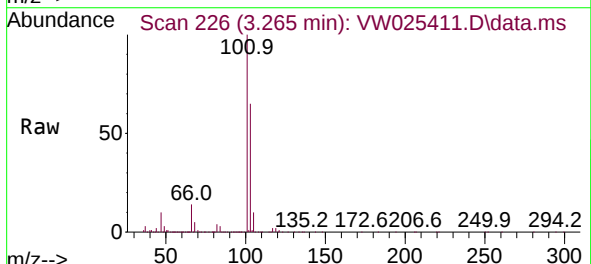
Instrument :
MSVOA_W
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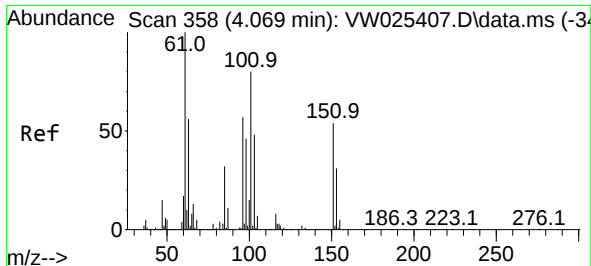
Tgt Ion: 64 Resp: 162532
Ion Ratio Lower Upper
64 100
66 28.9 23.3 43.3



#9
Trichlorofluoromethane
Concen: 21.935 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

Tgt Ion: 101 Resp: 214523
Ion Ratio Lower Upper
101 100
103 64.1 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 23.118 ug/L

RT: 4.070 min Scan# 358

Delta R.T. 0.000 min

Lab File: VW025411.D

Acq: 17 Mar 2023 11:40

Instrument :

MSVOA_W

ClientSampleId :

DCAQ8MS

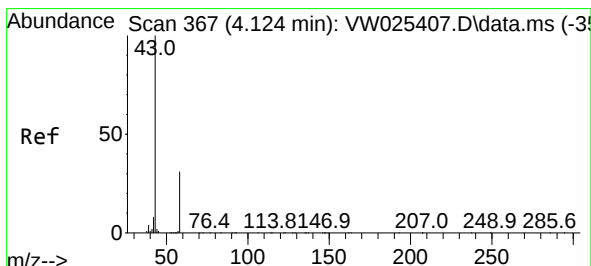
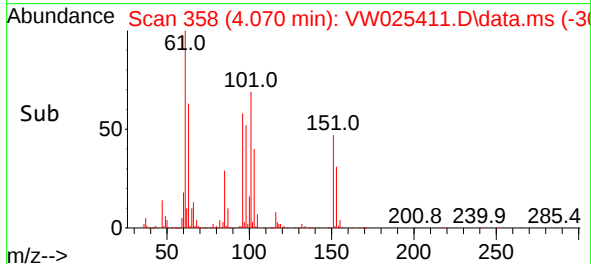
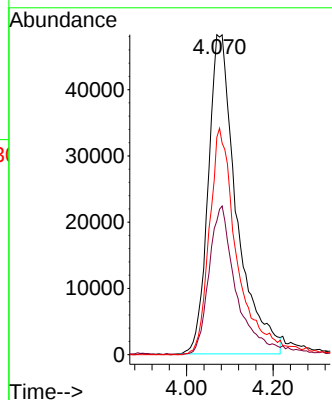
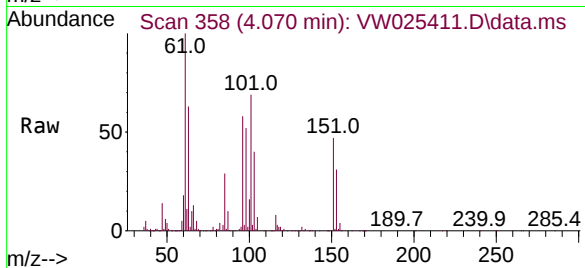
Tgt Ion:101 Resp: 219257

Ion Ratio Lower Upper

101 100

85 43.7 35.8 53.8

151 63.0 54.2 81.2



#13

Acetone

Concen: 40.134 ug/L

RT: 4.125 min Scan# 367

Delta R.T. 0.000 min

Lab File: VW025411.D

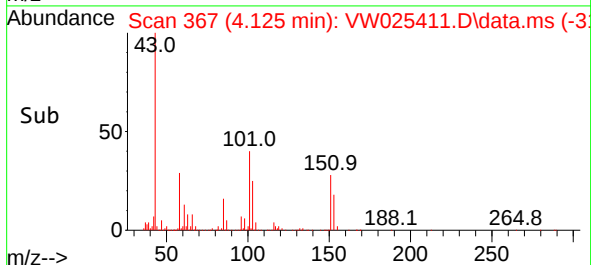
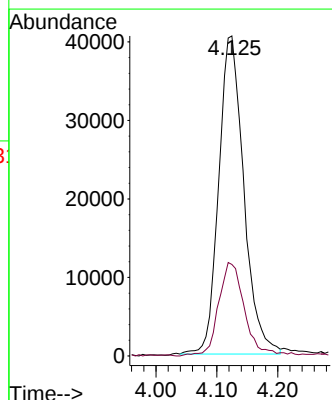
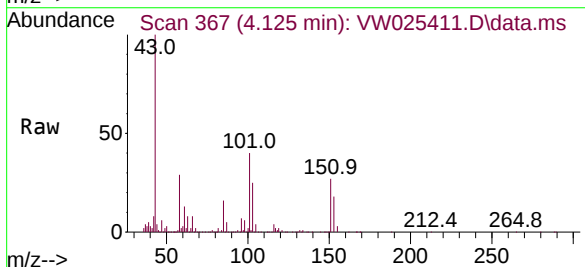
Acq: 17 Mar 2023 11:40

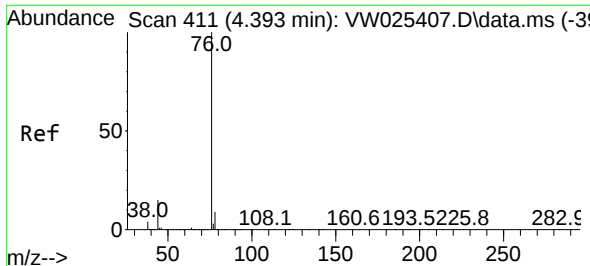
Tgt Ion: 43 Resp: 115864

Ion Ratio Lower Upper

43 100

58 29.3 0.0 60.0

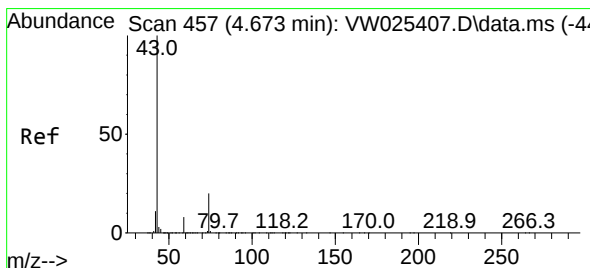
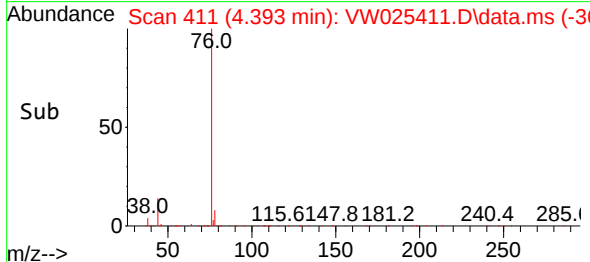
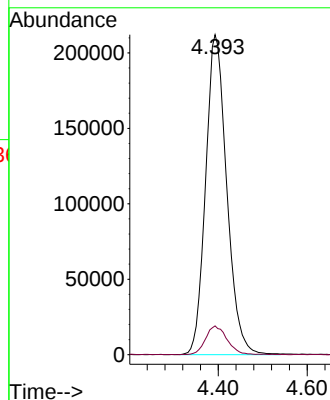
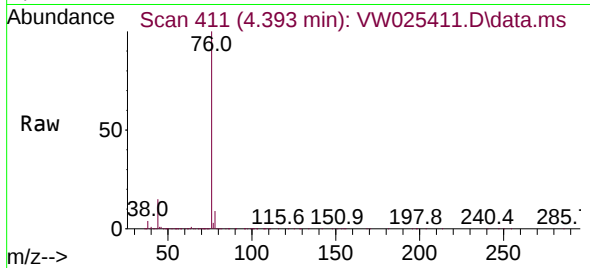




#14
Carbon disulfide
Concen: 24.558 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW025411.D
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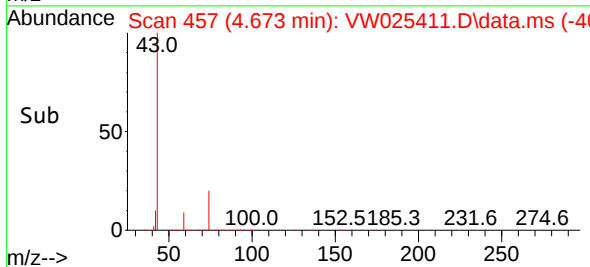
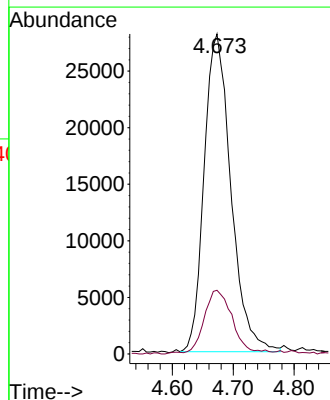
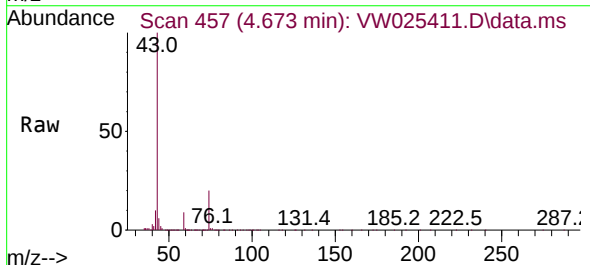
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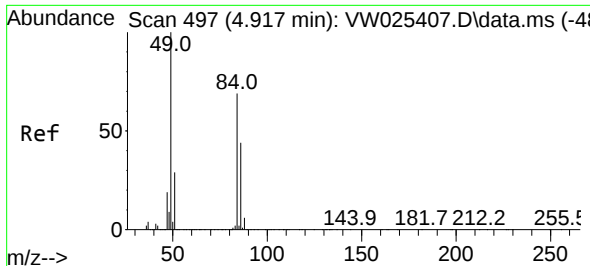
Tgt Ion: 76 Resp: 700630
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#15
Methyl Acetate
Concen: 15.883 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
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Acq: 17 Mar 2023 11:40

Tgt Ion: 43 Resp: 86021
Ion Ratio Lower Upper
43 100
74 20.4 17.0 25.4

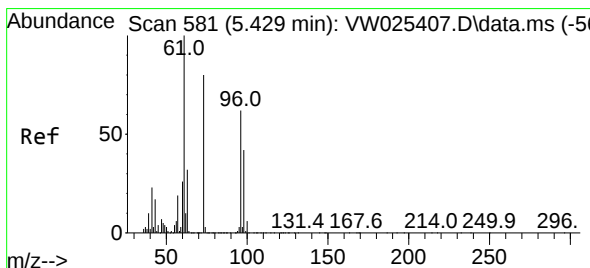
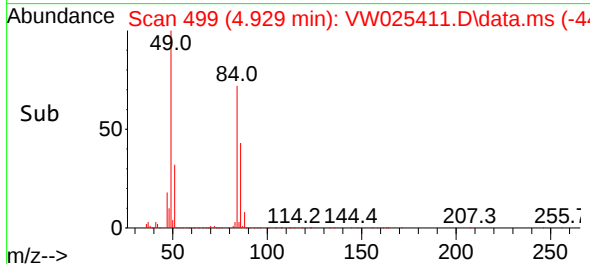
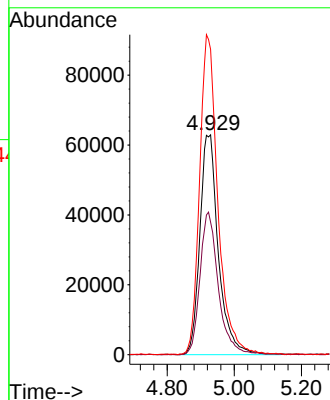
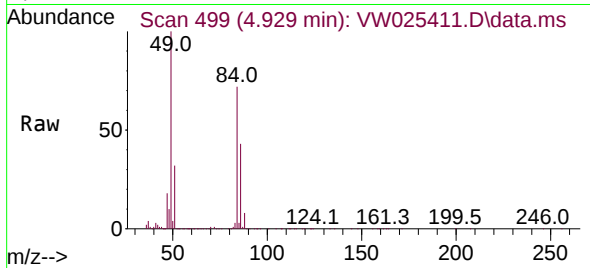




#16
Methylene chloride
Concen: 23.587 ug/L
RT: 4.929 min Scan# 497
Delta R.T. 0.012 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

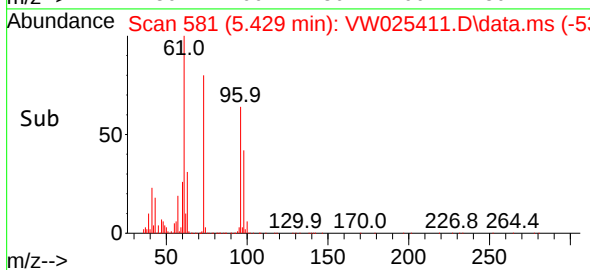
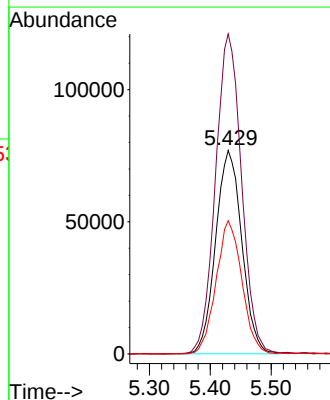
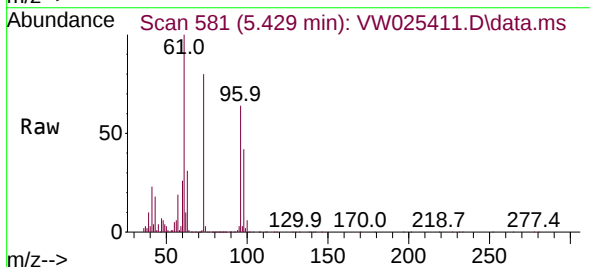
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MS

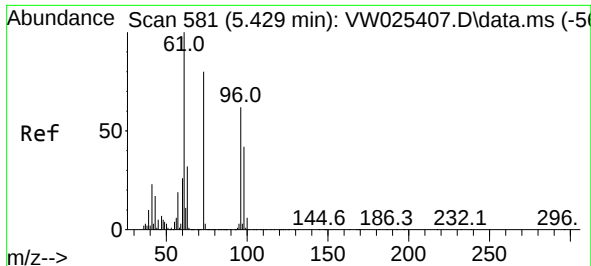
Tgt Ion: 84 Resp: 241674
Ion Ratio Lower Upper
84 100
86 60.3 45.1 83.7
49 138.8 94.7 175.9



#17
trans-1,2-Dichloroethene
Concen: 23.946 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

Tgt Ion: 96 Resp: 230341
Ion Ratio Lower Upper
96 100
61 157.2 103.0 191.4
98 65.4 43.4 80.6

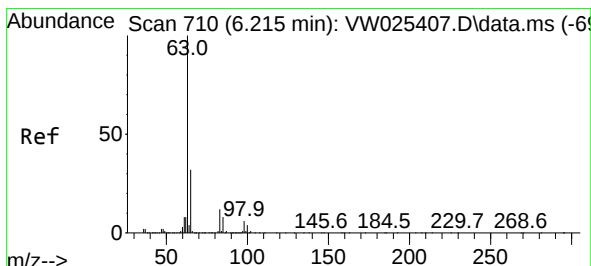
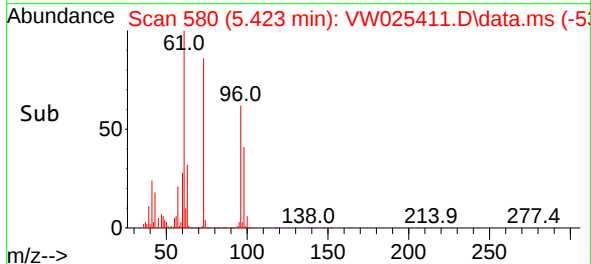
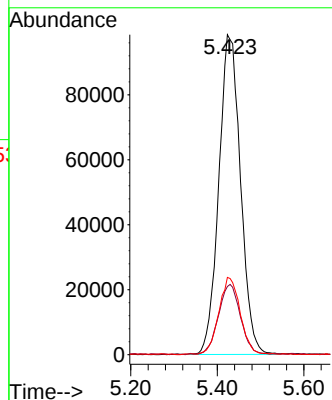
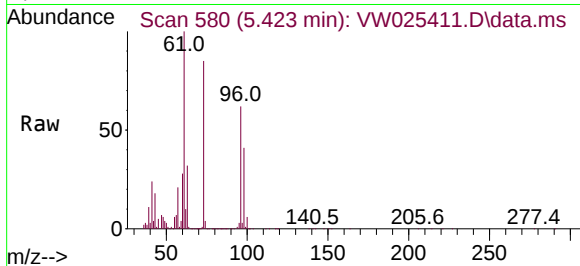




#18
Methyl tert-butyl Ether
Concen: 23.744 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

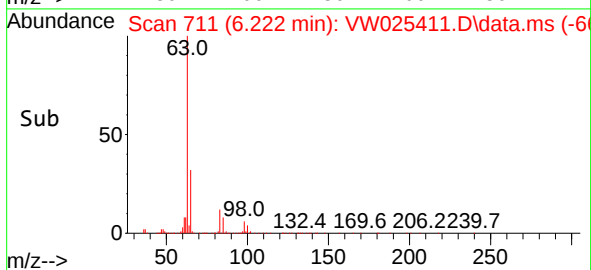
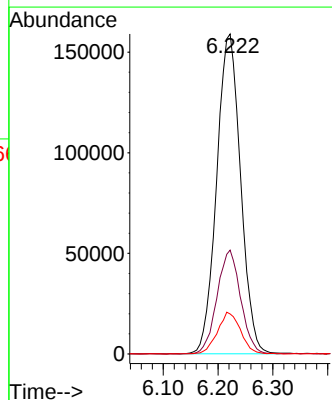
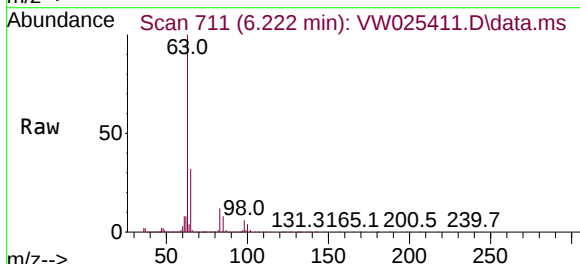
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MS

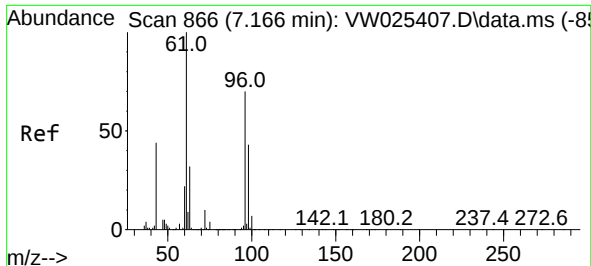
Tgt Ion: 73 Resp: 343846
Ion Ratio Lower Upper
73 100
43 22.0 17.6 26.4
57 23.5 18.6 28.0



#19
1,1-Dichloroethane
Concen: 24.199 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

Tgt Ion: 63 Resp: 482034
Ion Ratio Lower Upper
63 100
65 32.5 21.7 40.3
83 12.5 8.4 15.6

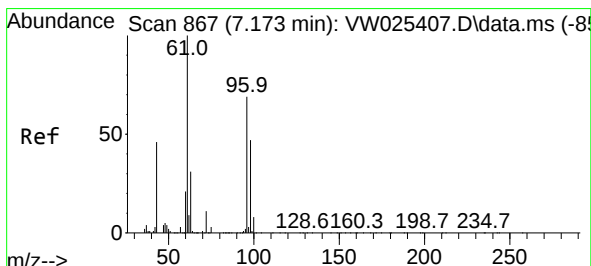
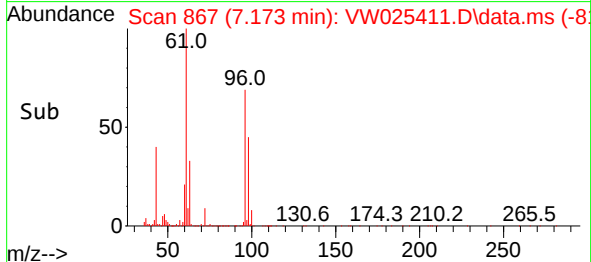
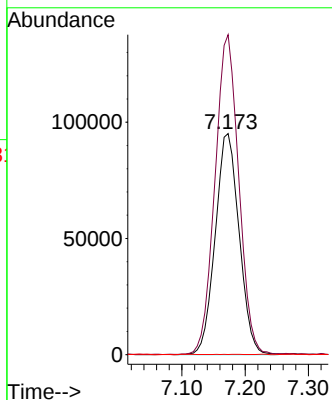
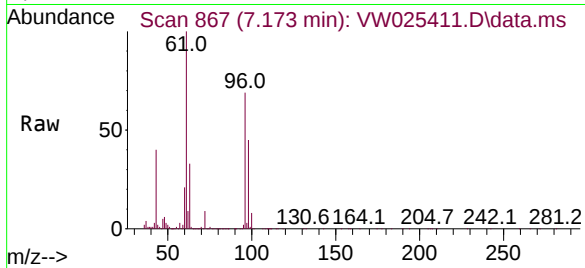




#20
cis-1,2-Dichloroethene
Concen: 23.658 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

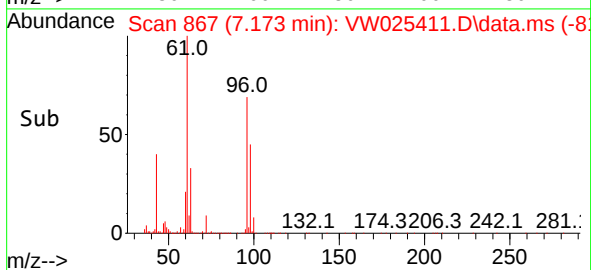
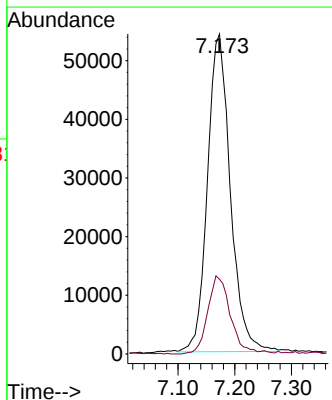
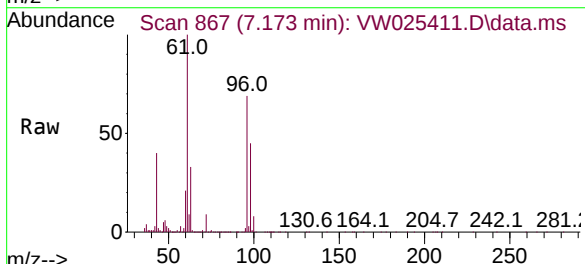
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MS

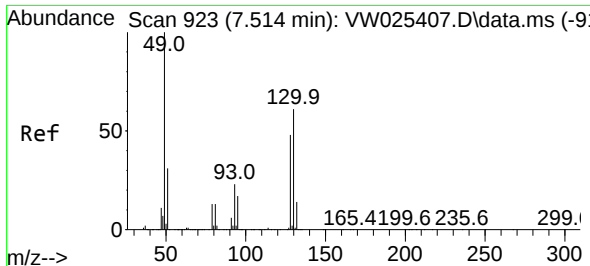
Tgt Ion: 96 Resp: 249156
Ion Ratio Lower Upper
96 100
61 144.8 95.5 177.4
68 0.2 0.1 0.1#



#22
2-Butanone
Concen: 40.642 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

Tgt Ion: 43 Resp: 151778
Ion Ratio Lower Upper
43 100
72 24.0 12.0 36.1

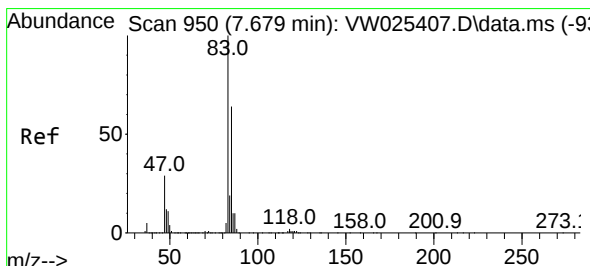
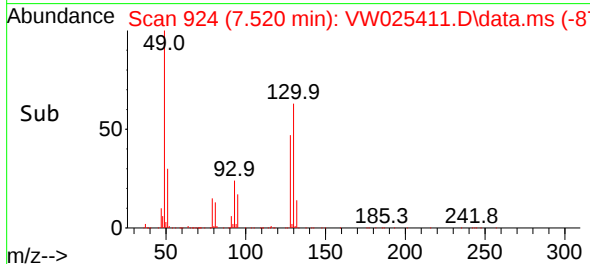
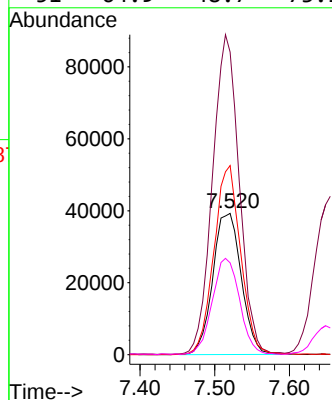
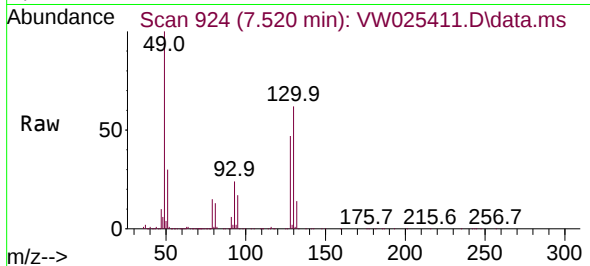




#23
Bromochloromethane
Concen: 22.943 ug/L
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

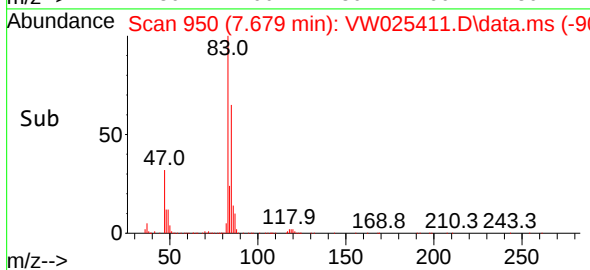
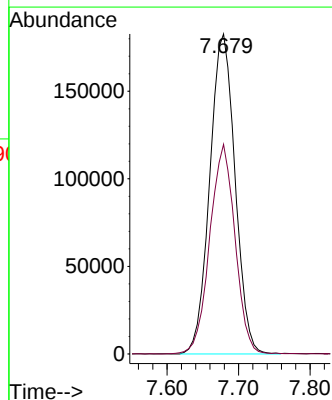
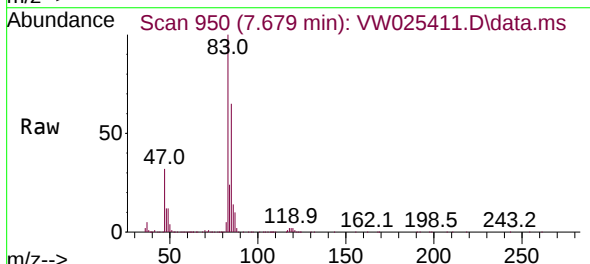
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MS

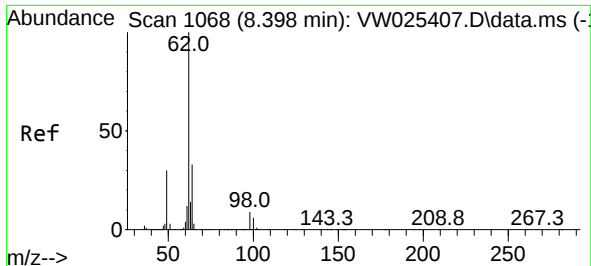
Tgt Ion:128 Resp: 103906
Ion Ratio Lower Upper
128 100
49 214.1 140.6 261.0
130 133.8 80.8 150.0
51 64.9 48.7 73.1



#25
Chloroform
Concen: 23.979 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

Tgt Ion: 83 Resp: 449022
Ion Ratio Lower Upper
83 100
85 65.5 44.7 82.9

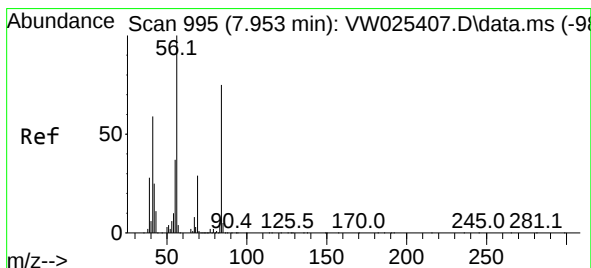
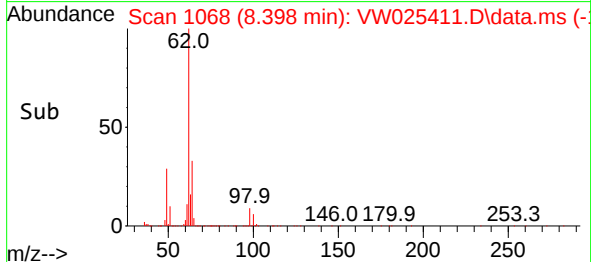
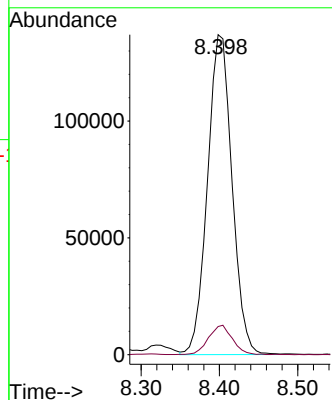
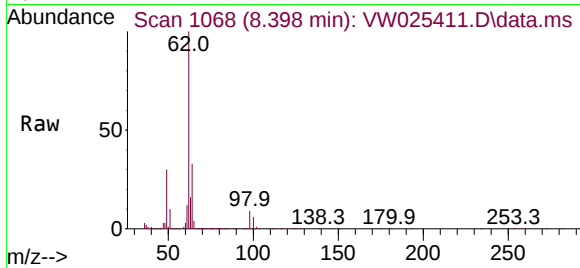




#27
1,2-Dichloroethane
Concen: 23.882 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

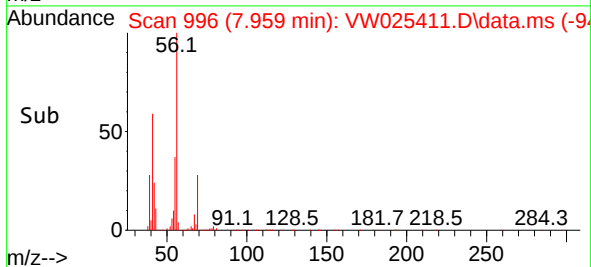
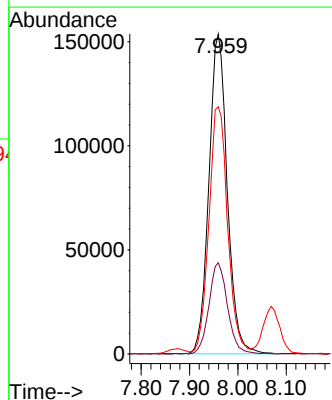
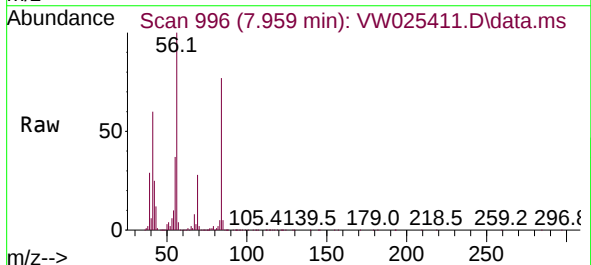
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MS

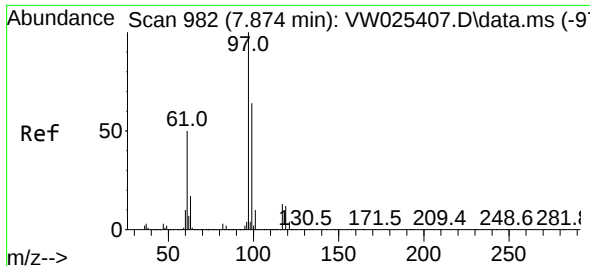
Tgt Ion: 62 Resp: 298444
Ion Ratio Lower Upper
62 100
98 8.8 7.2 10.8



#29
Cyclohexane
Concen: 23.702 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

Tgt Ion: 56 Resp: 404493
Ion Ratio Lower Upper
56 100
69 28.8 23.1 34.7
84 78.9 63.9 95.9

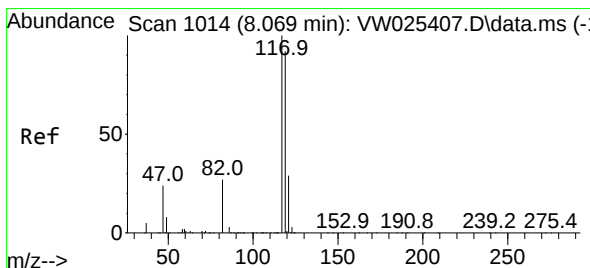
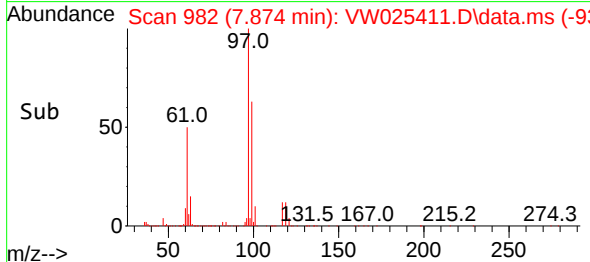
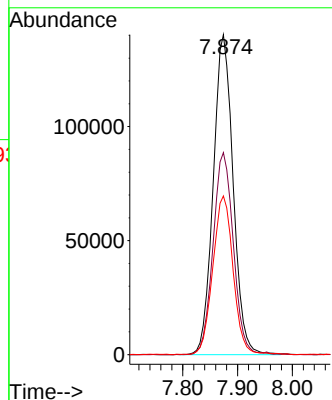
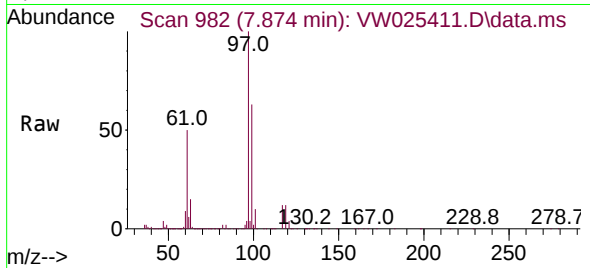




#30
1,1,1-Trichloroethane
Concen: 24.617 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

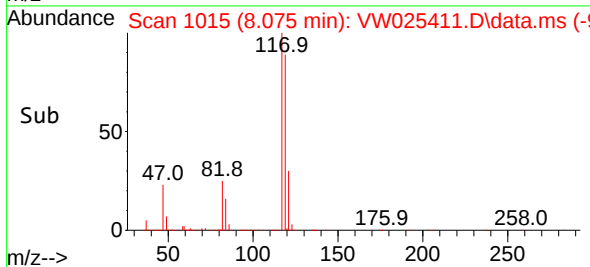
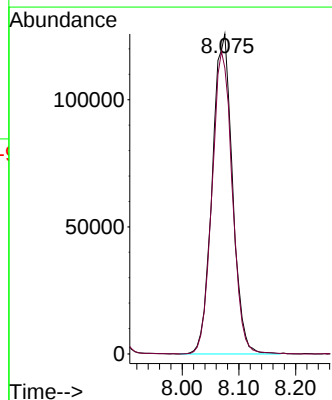
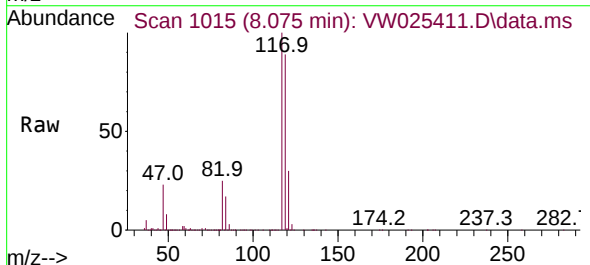
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MS

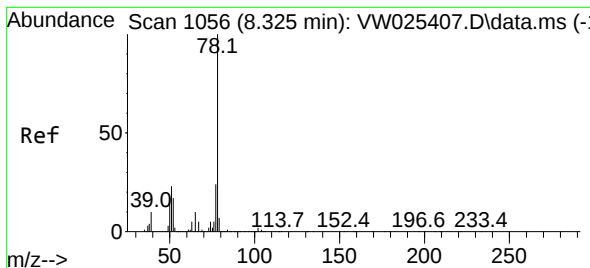
Tgt Ion: 97 Resp: 353789
Ion Ratio Lower Upper
97 100
99 64.2 50.9 76.3
61 50.4 39.8 59.6



#31
Carbon tetrachloride
Concen: 24.202 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

Tgt Ion: 117 Resp: 311780
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.6





#33

Benzene

Concen: 25.918 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VW025411.D

Acq: 17 Mar 2023 11:40

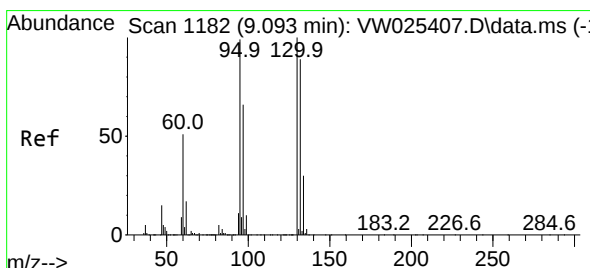
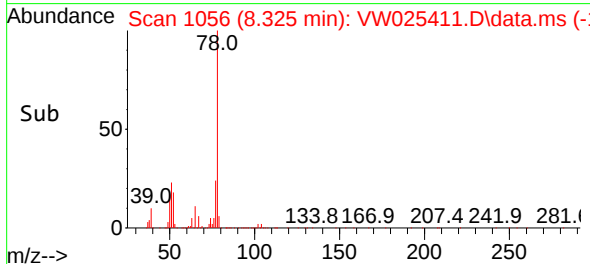
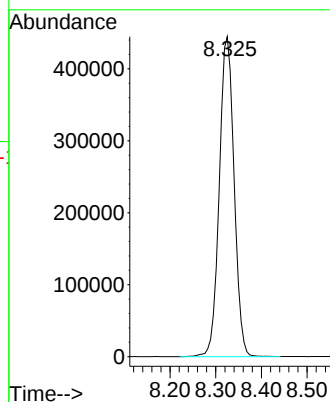
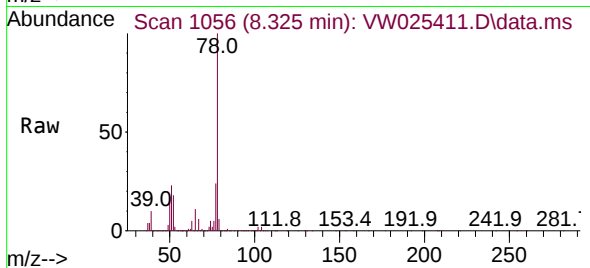
Instrument :

MSVOA_W

ClientSampleId :

DCAQ8MS

Tgt Ion: 78 Resp: 1001813



#34

Trichloroethene

Concen: 24.349 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW025411.D

Acq: 17 Mar 2023 11:40

Tgt Ion: 95 Resp: 247019

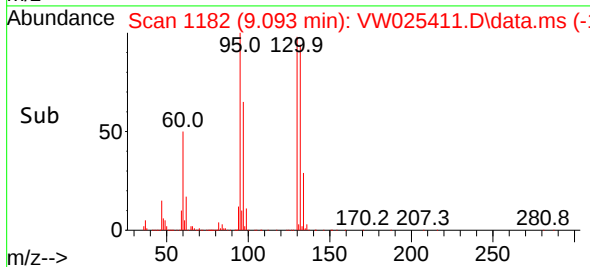
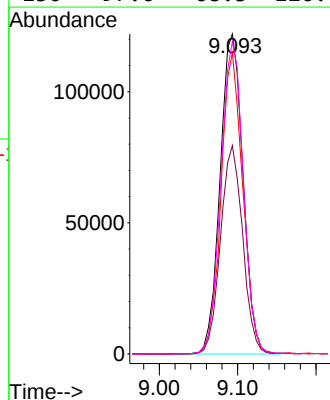
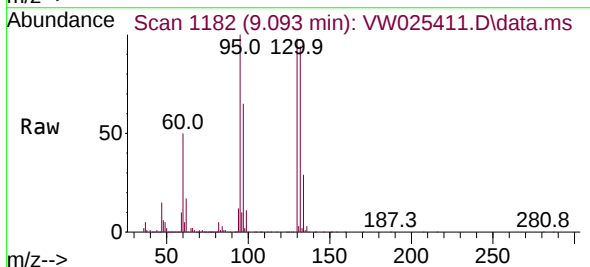
Ion Ratio Lower Upper

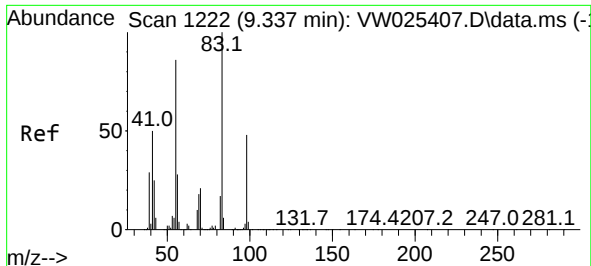
95 100

97 65.1 43.8 81.4

132 94.1 65.9 122.3

130 97.6 68.3 126.8

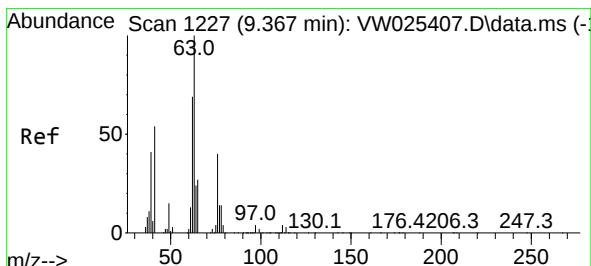
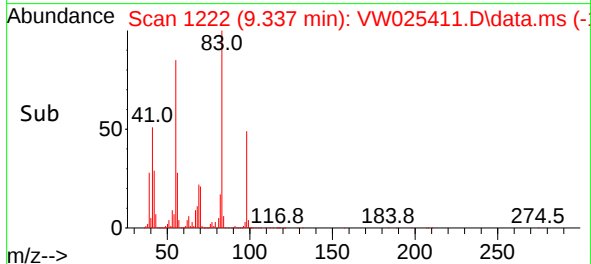
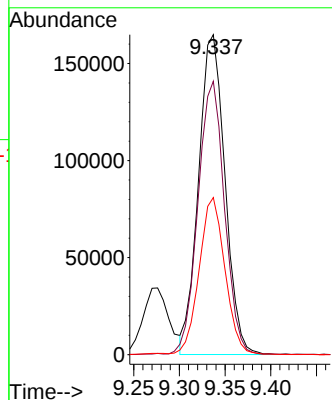
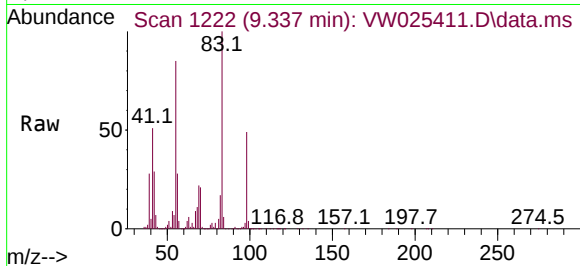




#35
Methylcyclohexane
Concen: 18.940 ug/L
RT: 9.337 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

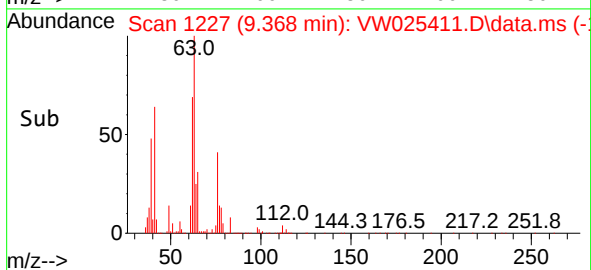
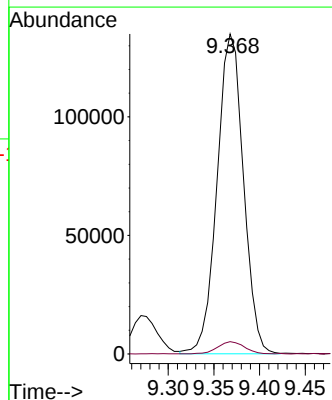
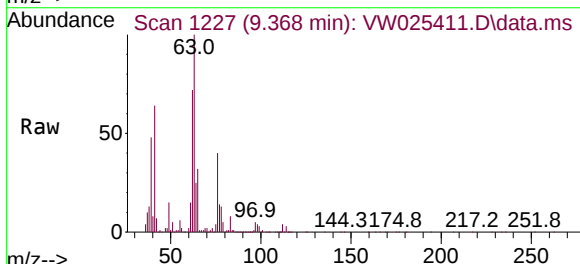
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MS

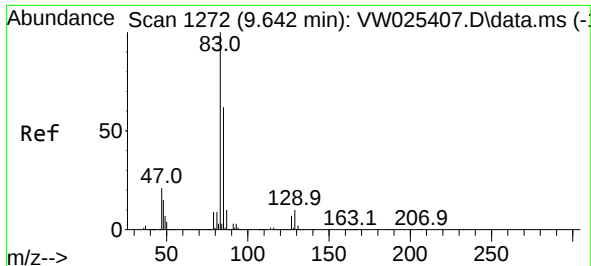
Tgt Ion: 83 Resp: 330994
Ion Ratio Lower Upper
83 100
55 85.9 68.2 102.4
98 47.7 39.0 58.4



#37
1,2-Dichloropropane
Concen: 25.441 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

Tgt Ion: 63 Resp: 270683
Ion Ratio Lower Upper
63 100
112 3.9 3.2 4.8





#38

Bromodichloromethane

Concen: 24.892 ug/L

RT: 9.642 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025411.D

Acq: 17 Mar 2023 11:40

Instrument :

MSVOA_W

ClientSampleId :

DCAQ8MS

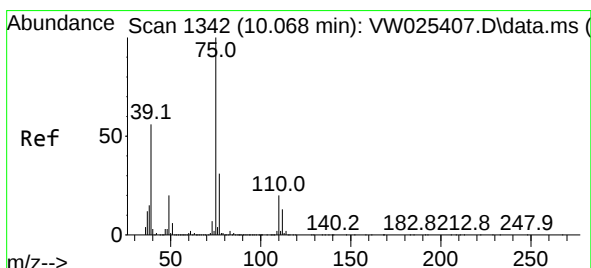
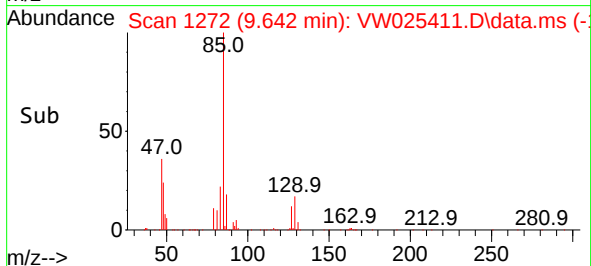
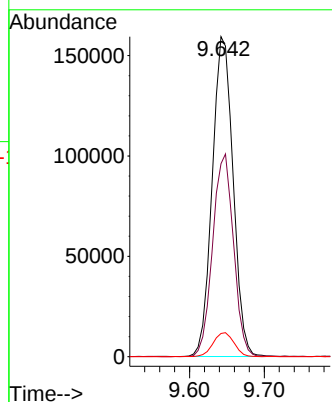
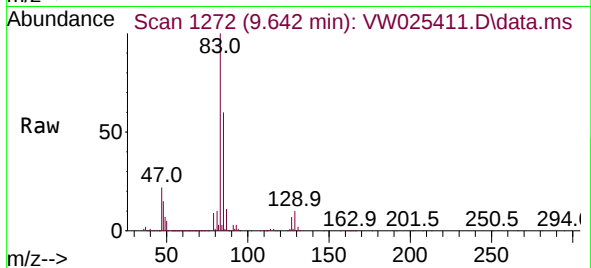
Tgt Ion: 83 Resp: 308873

Ion Ratio Lower Upper

83 100

85 60.3 44.7 83.1

127 7.2 6.1 9.1



#39

cis-1,3-Dichloropropene

Concen: 22.425 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW025411.D

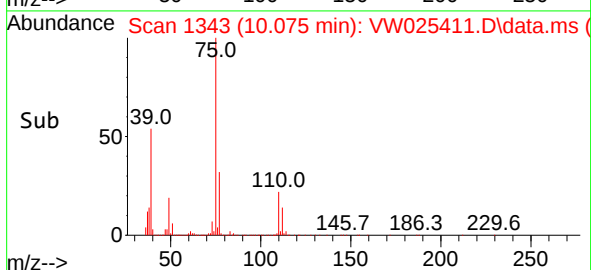
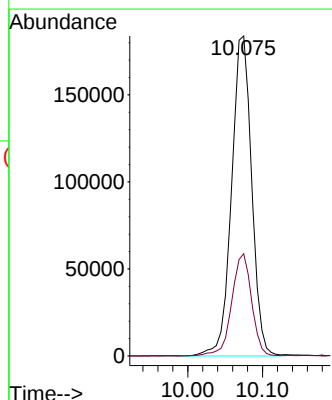
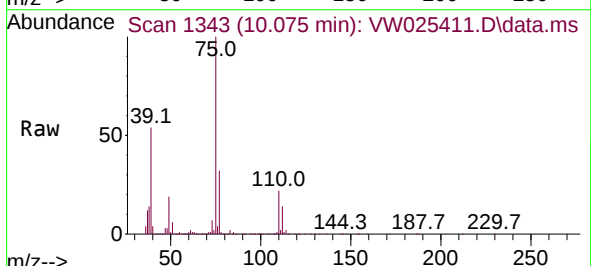
Acq: 17 Mar 2023 11:40

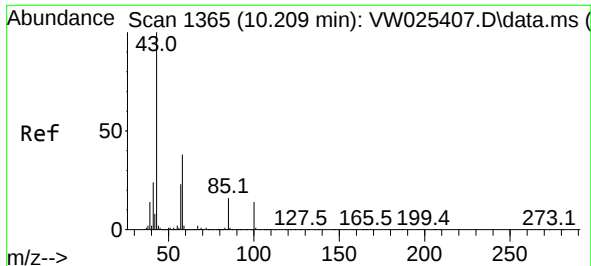
Tgt Ion: 75 Resp: 343735

Ion Ratio Lower Upper

75 100

77 31.9 22.0 41.0





#40

4-Methyl-2-pentanone

Concen: 48.211 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025411.D

Acq: 17 Mar 2023 11:40

Instrument :

MSVOA_W

ClientSampleId :

DCAQ8MS

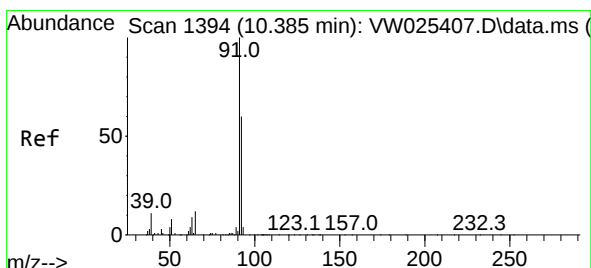
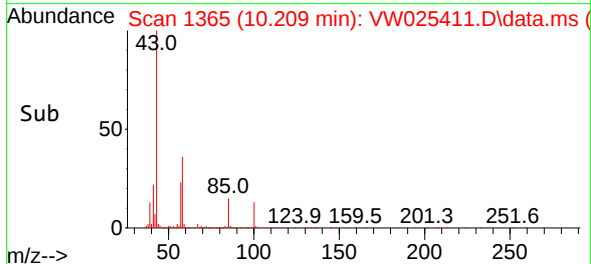
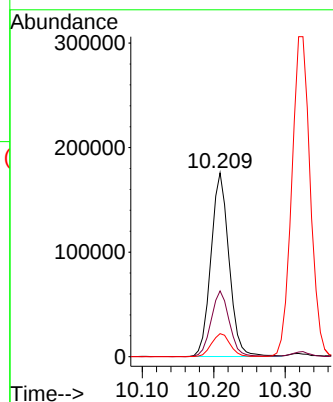
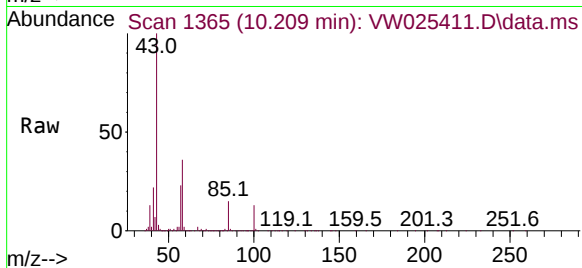
Tgt Ion: 43 Resp: 308304

Ion Ratio Lower Upper

43 100

58 36.3 29.6 44.4

100 12.9 10.6 16.0



#42

Toluene

Concen: 25.019 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW025411.D

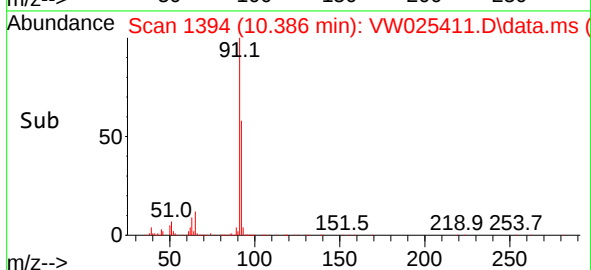
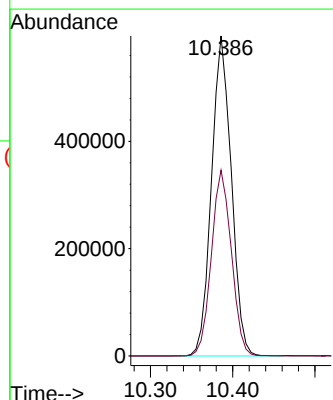
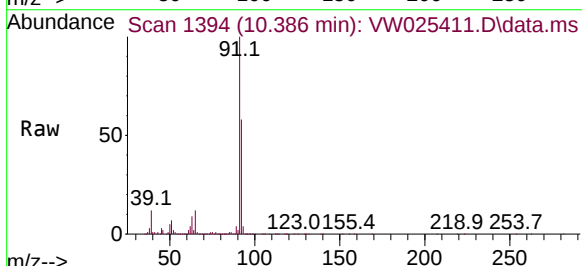
Acq: 17 Mar 2023 11:40

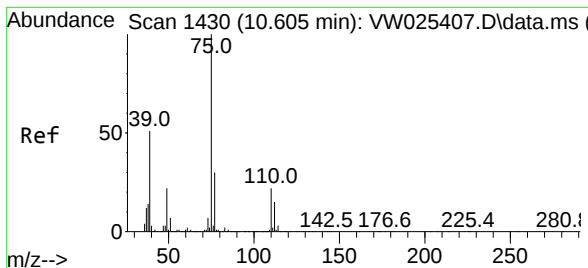
Tgt Ion: 91 Resp: 998504

Ion Ratio Lower Upper

91 100

92 58.1 41.6 77.3

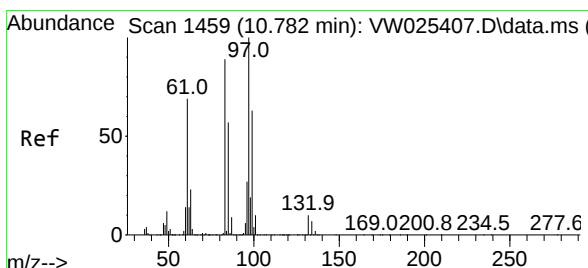
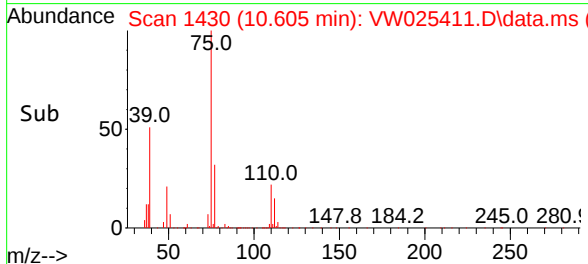
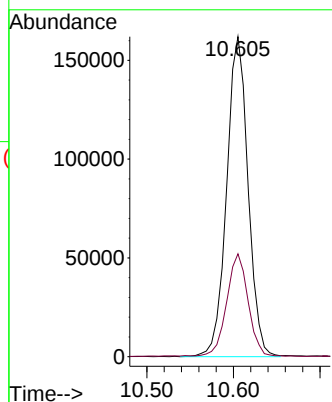
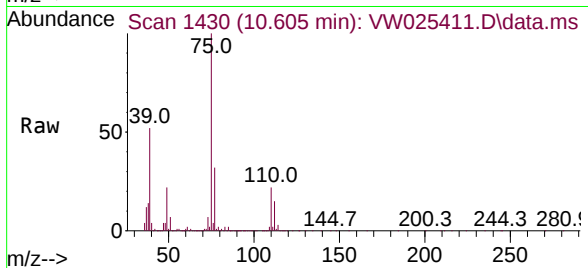




#44
trans-1,3-Dichloropropene
Concen: 21.669 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

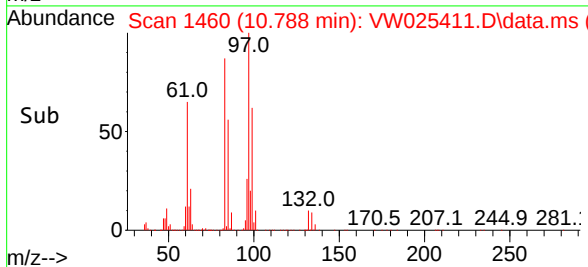
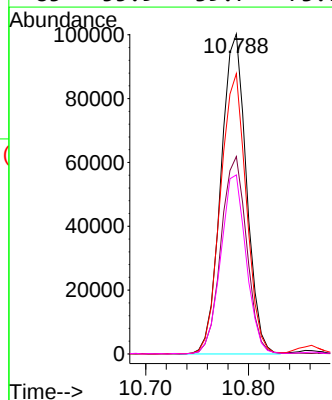
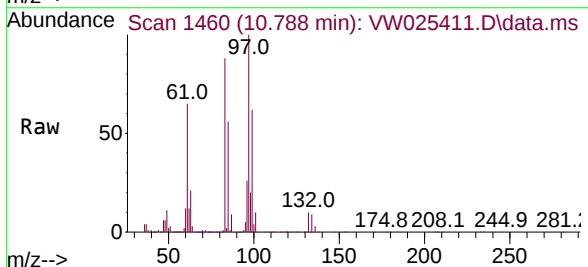
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MS

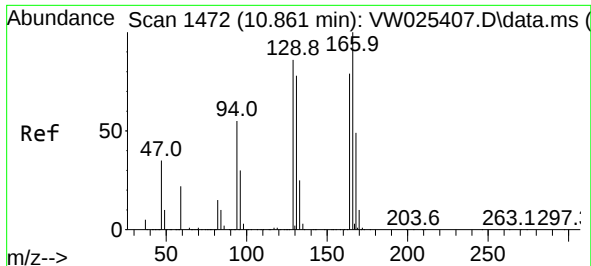
Tgt Ion: 75 Resp: 278150
Ion Ratio Lower Upper
75 100
77 32.2 22.3 41.3



#45
1,1,2-Trichloroethane
Concen: 24.133 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

Tgt Ion: 97 Resp: 172439
Ion Ratio Lower Upper
97 100
99 61.7 42.6 79.0
83 87.6 60.5 112.3
85 55.9 39.7 73.7



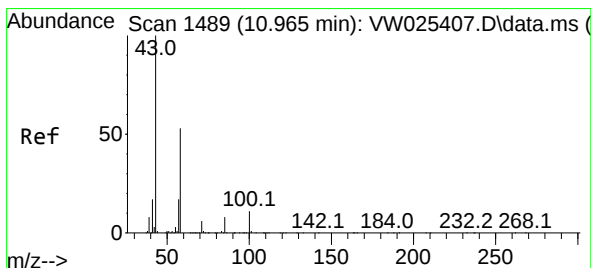
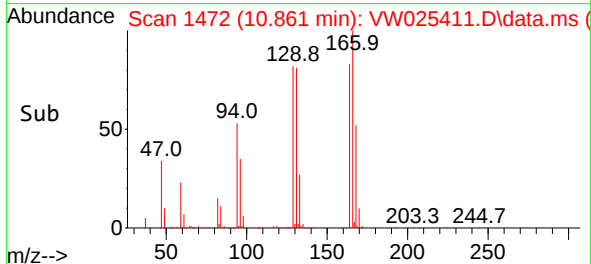
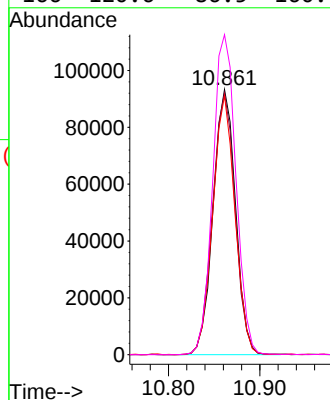
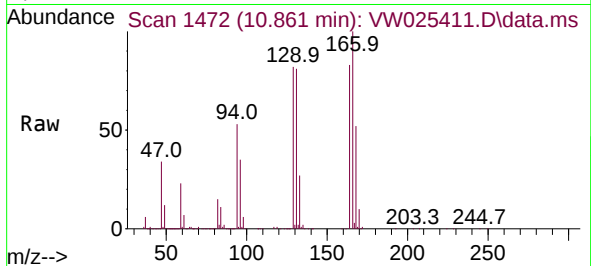


#46
Tetrachloroethene
Concen: 22.039 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MS

Tgt Ion:164 Resp: 159089

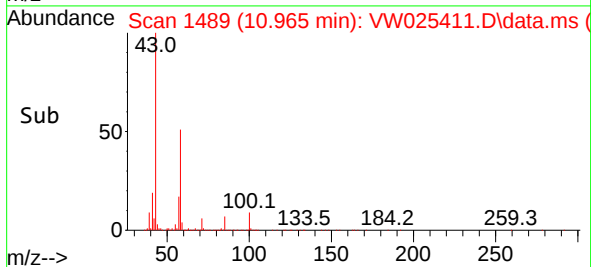
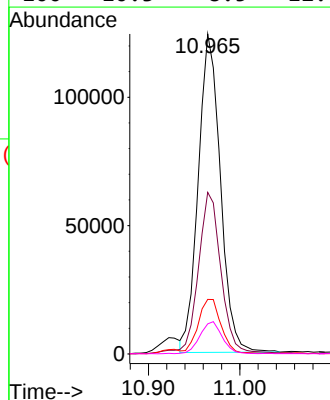
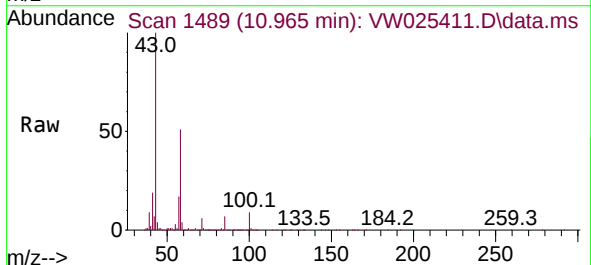
Ion	Ratio	Lower	Upper
164	100		
129	98.8	67.7	125.7
131	97.7	67.0	124.4
166	120.6	86.5	160.7

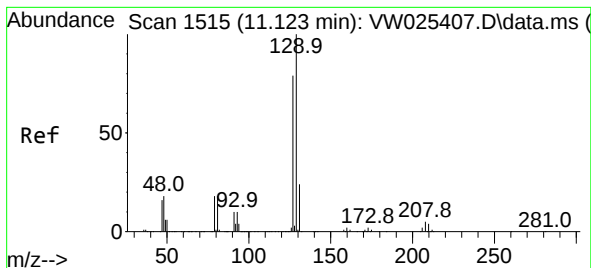


#48
2-Hexanone
Concen: 45.387 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

Tgt Ion: 43 Resp: 208815

Ion	Ratio	Lower	Upper
43	100		
58	50.2	41.2	61.8
57	17.9	14.2	21.4
100	10.3	8.5	12.7





#49

Dibromochloromethane

Concen: 23.434 ug/L

RT: 11.129 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025411.D

Acq: 17 Mar 2023 11:40

Instrument :

MSVOA_W

ClientSampleId :

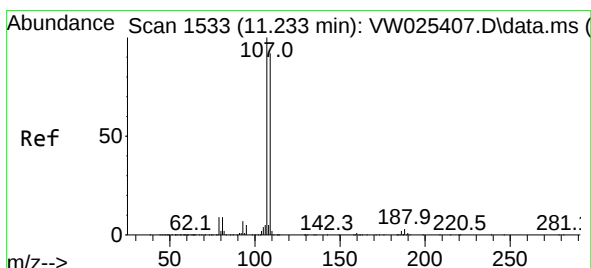
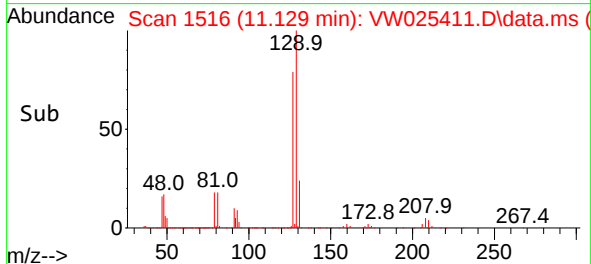
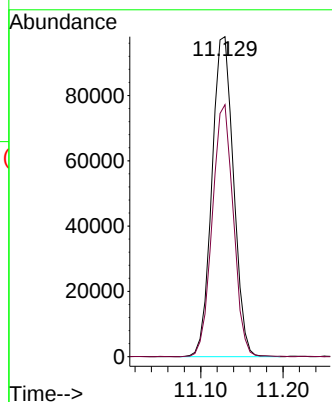
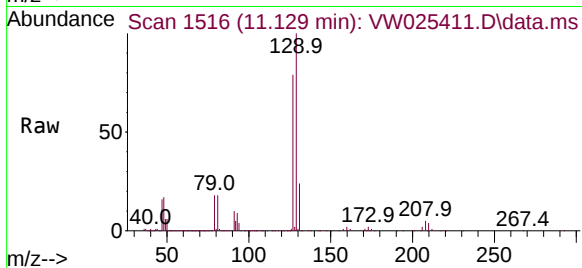
DCAQ8MS

Tgt Ion:129 Resp: 178909

Ion Ratio Lower Upper

129 100

127 78.8 52.8 98.2



#50

1,2-Dibromoethane

Concen: 22.746 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW025411.D

Acq: 17 Mar 2023 11:40

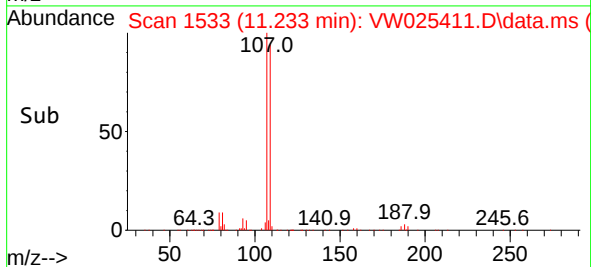
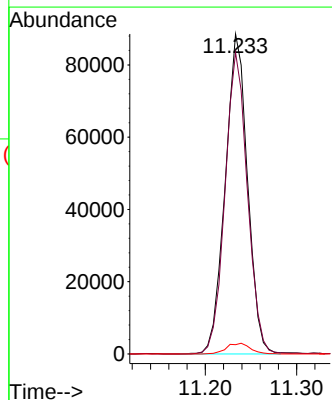
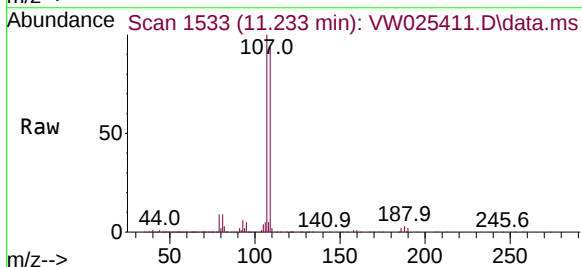
Tgt Ion:107 Resp: 150440

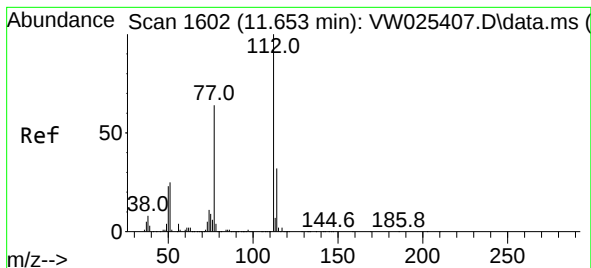
Ion Ratio Lower Upper

107 100

109 94.2 62.9 116.9

188 2.9 3.0 4.4#





#51

Chlorobenzene

Concen: 22.259 ug/L

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025411.D

Acq: 17 Mar 2023 11:40

Instrument :

MSVOA_W

ClientSampleId :

DCAQ8MS

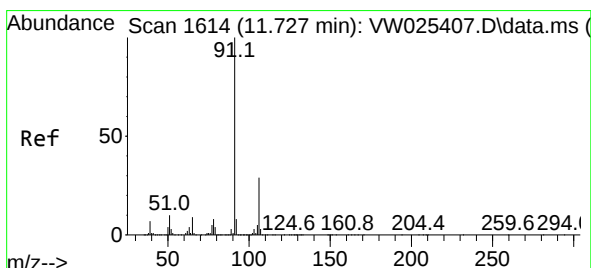
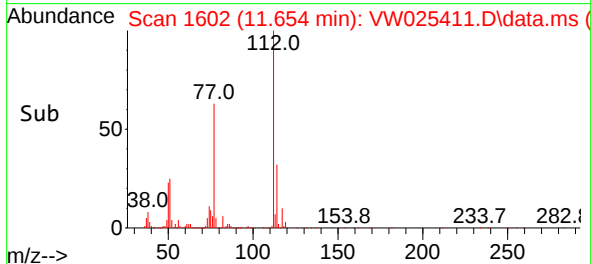
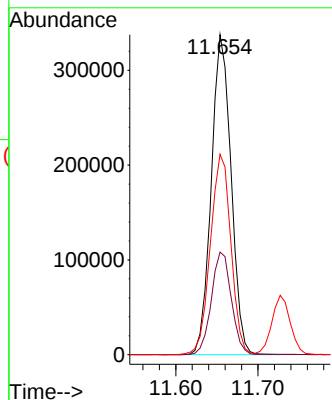
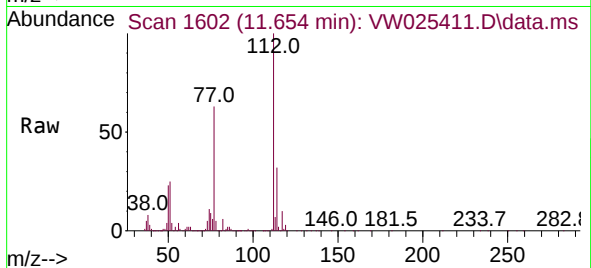
Tgt Ion:112 Resp: 563795

Ion Ratio Lower Upper

112 100

114 32.0 21.9 40.7

77 62.6 51.8 77.8



#52

Ethylbenzene

Concen: 22.974 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW025411.D

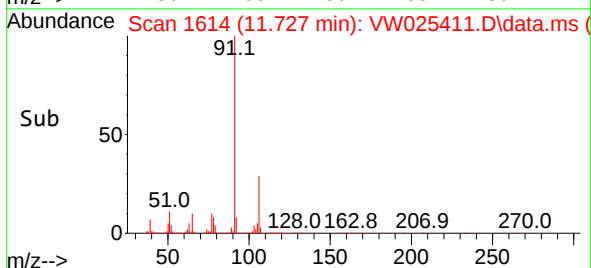
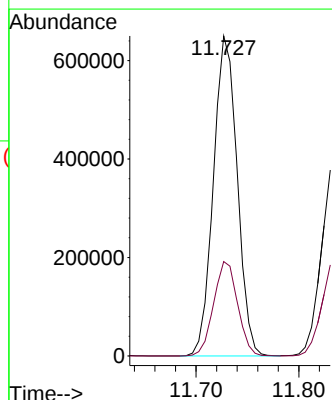
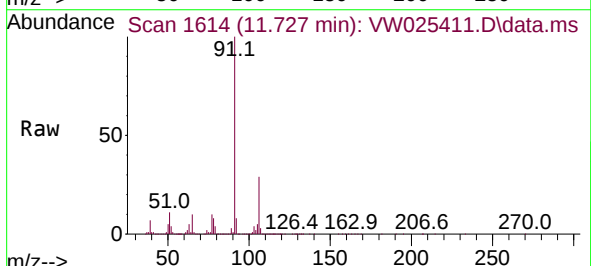
Acq: 17 Mar 2023 11:40

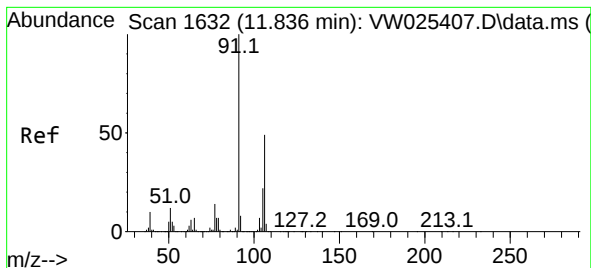
Tgt Ion: 91 Resp: 1045712

Ion Ratio Lower Upper

91 100

106 29.5 22.0 41.0

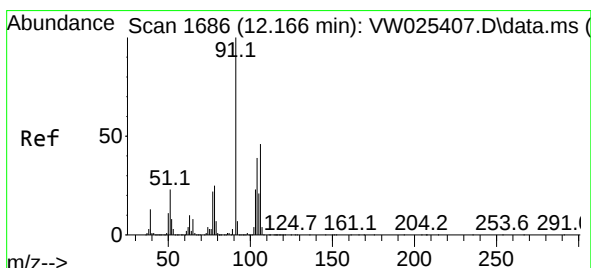
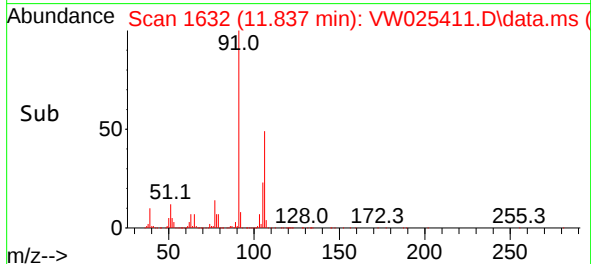
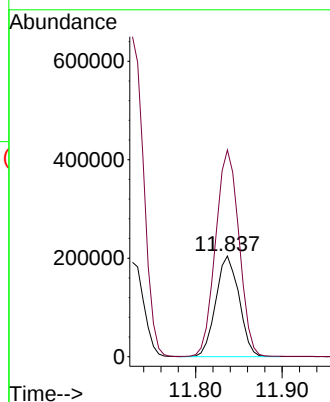
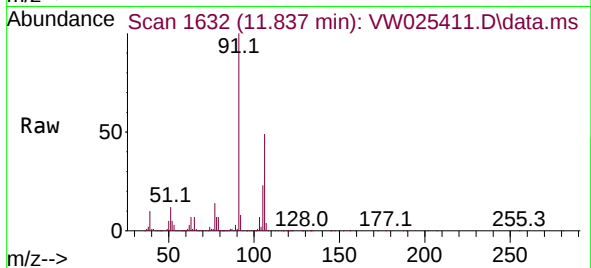




#53
m,p-Xylene
Concen: 22.747 ug/L
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

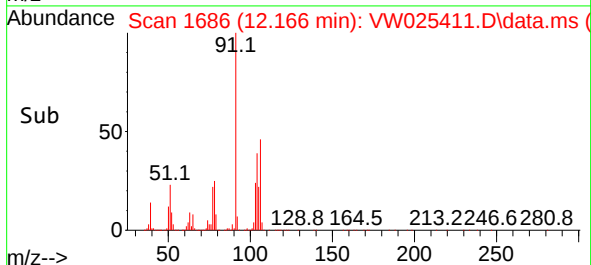
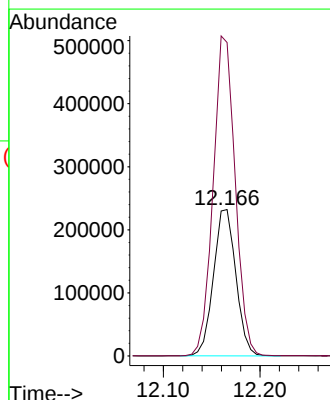
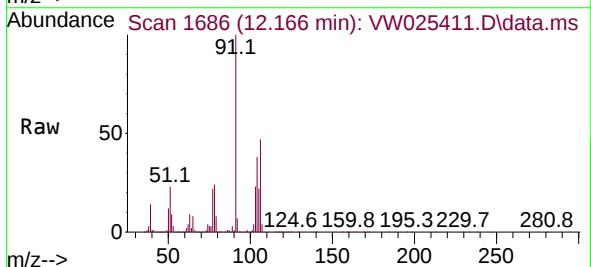
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MS

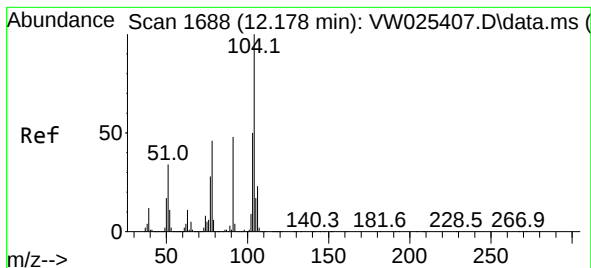
Tgt Ion:106 Resp: 381885
Ion Ratio Lower Upper
106 100
91 205.5 144.2 267.8



#54
o-Xylene
Concen: 23.642 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

Tgt Ion:106 Resp: 373490
Ion Ratio Lower Upper
106 100
91 214.1 154.6 287.2





#55

Styrene

Concen: 22.077 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025411.D

Acq: 17 Mar 2023 11:40

Instrument :

MSVOA_W

ClientSampleId :

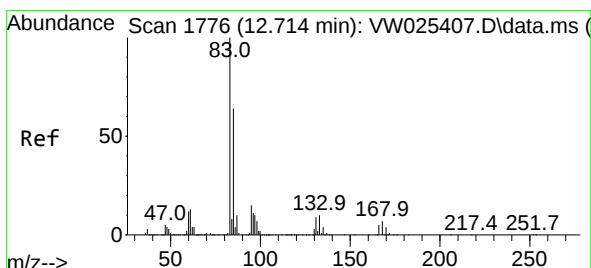
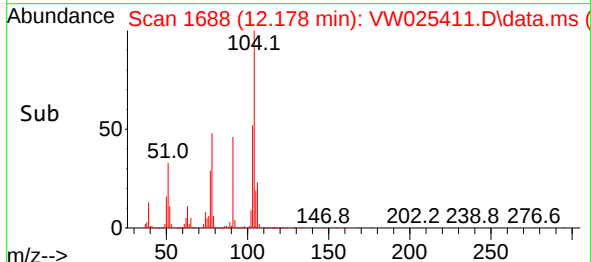
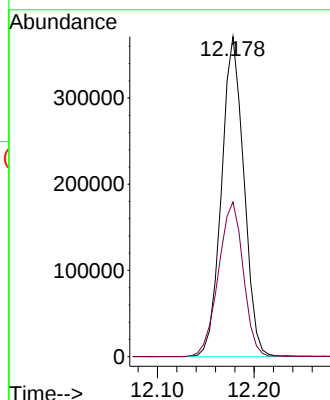
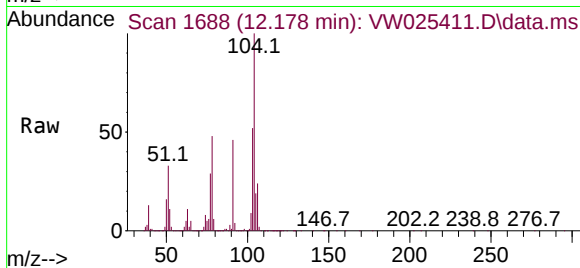
DCAQ8MS

Tgt Ion:104 Resp: 595567

Ion Ratio Lower Upper

104 100

78 48.4 31.1 57.9



#57

1,1,2,2-Tetrachloroethane

Concen: 21.933 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW025411.D

Acq: 17 Mar 2023 11:40

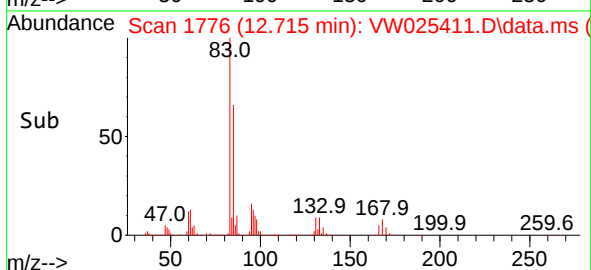
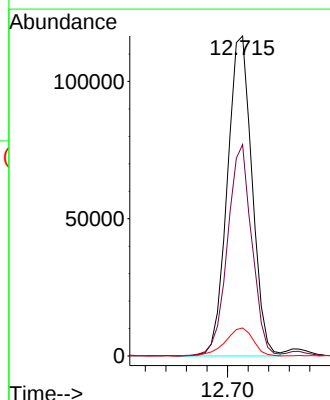
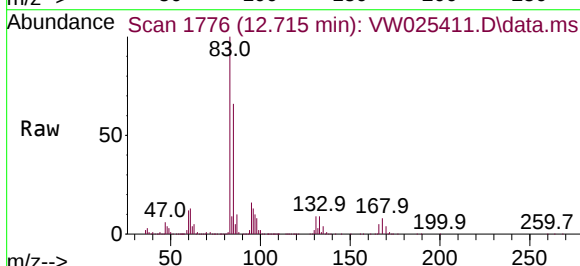
Tgt Ion: 83 Resp: 194942

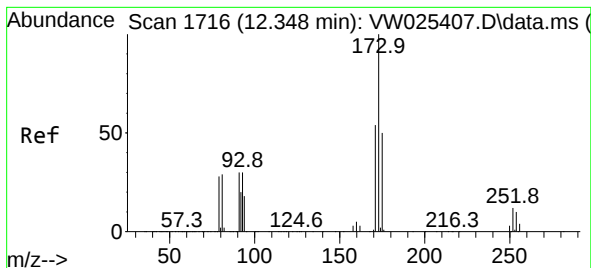
Ion Ratio Lower Upper

83 100

85 66.1 45.4 84.2

131 8.8 8.0 12.0





#59

Bromoform

Concen: 28.303 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW025411.D

Acq: 17 Mar 2023 11:40

Instrument :

MSVOA_W

ClientSampleId :

DCAQ8MS

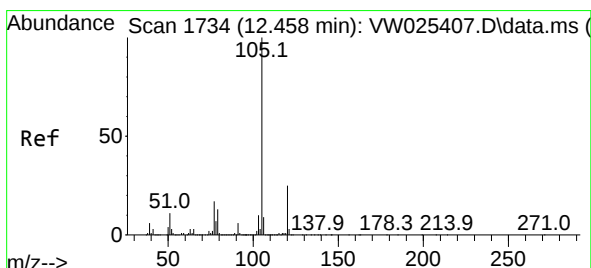
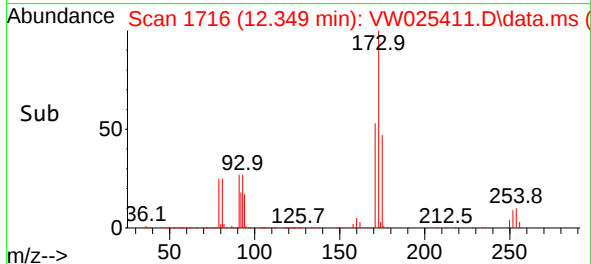
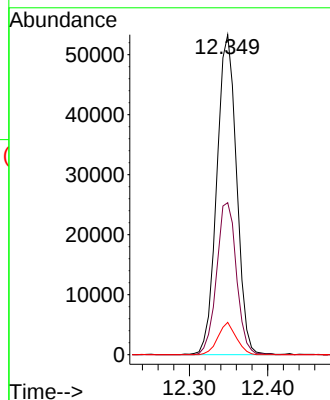
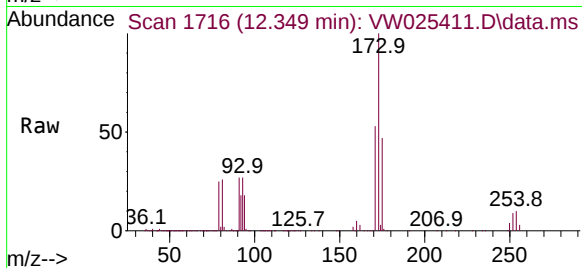
Tgt Ion:173 Resp: 93630

Ion Ratio Lower Upper

173 100

175 47.6 38.6 57.8

254 9.3 7.9 11.9



#60

Isopropylbenzene

Concen: 27.580 ug/L

RT: 12.459 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW025411.D

Acq: 17 Mar 2023 11:40

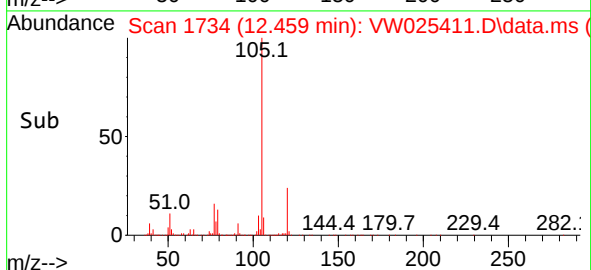
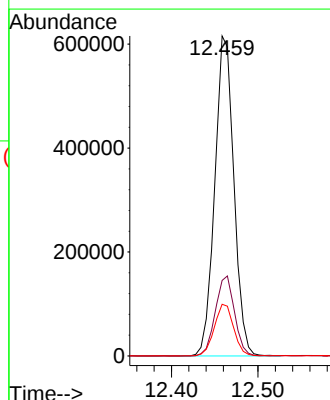
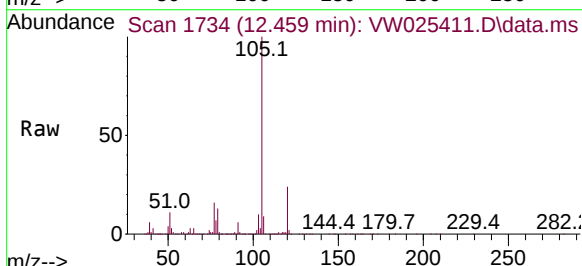
Tgt Ion:105 Resp: 942694

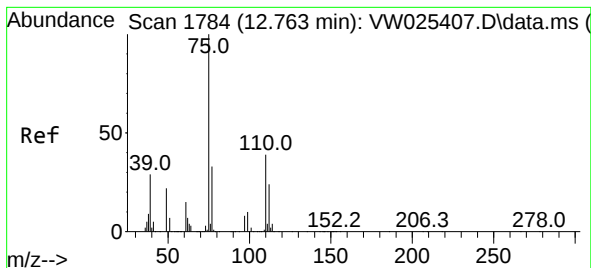
Ion Ratio Lower Upper

105 100

120 25.2 20.9 31.3

77 16.3 13.1 19.7





#61

1,2,3-Trichloropropane

Concen: 28.449 ug/L

RT: 12.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025411.D

Acq: 17 Mar 2023 11:40

Instrument :

MSVOA_W

ClientSampleId :

DCAQ8MS

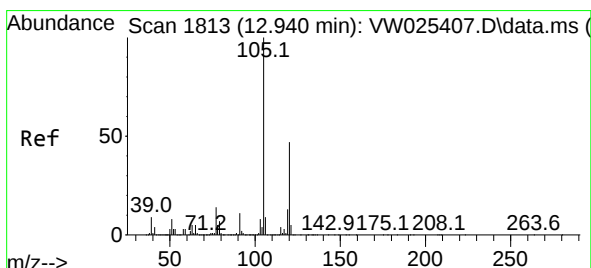
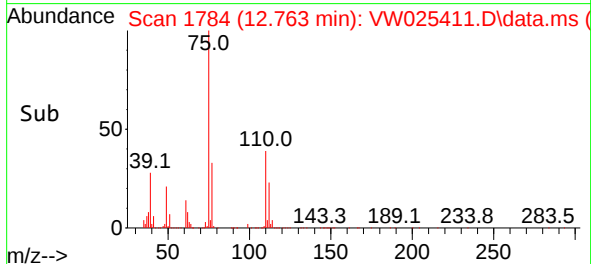
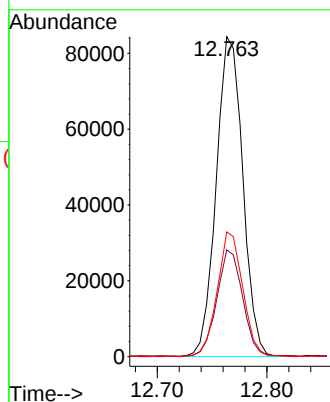
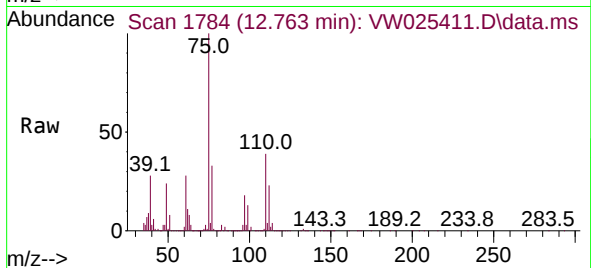
Tgt Ion: 75 Resp: 142121

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2

110 37.5 28.9 43.3



#62

1,3,5-Trimethylbenzene

Concen: 26.349 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW025411.D

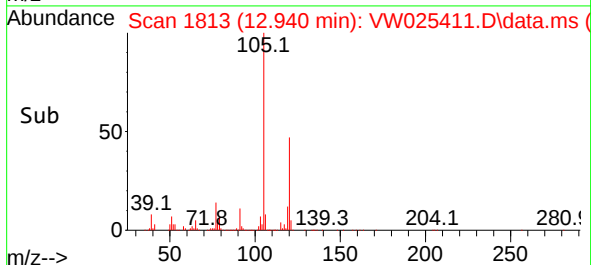
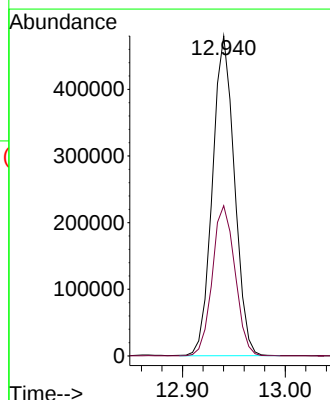
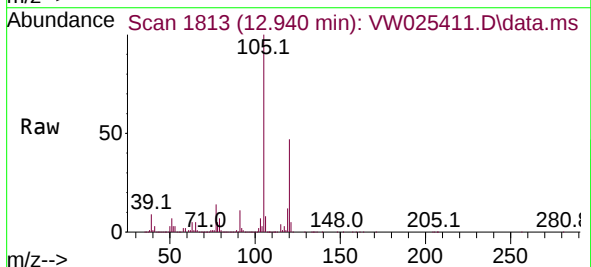
Acq: 17 Mar 2023 11:40

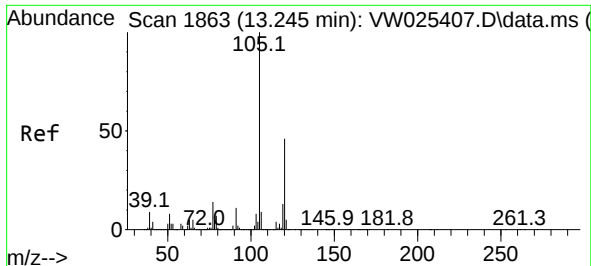
Tgt Ion: 105 Resp: 713284

Ion Ratio Lower Upper

105 100

120 48.4 39.3 58.9

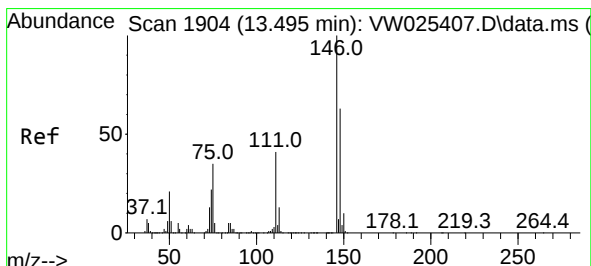
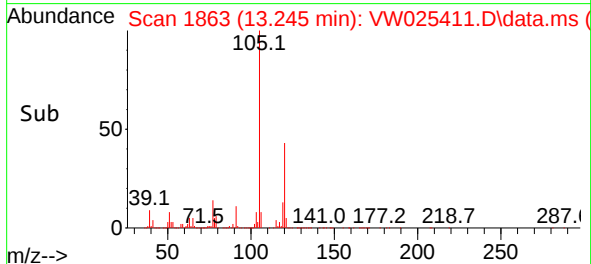
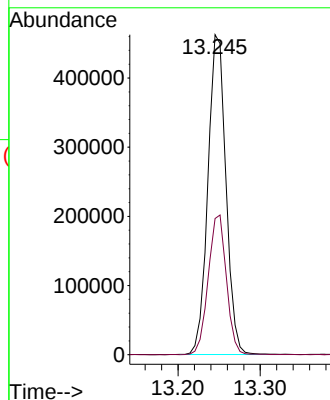
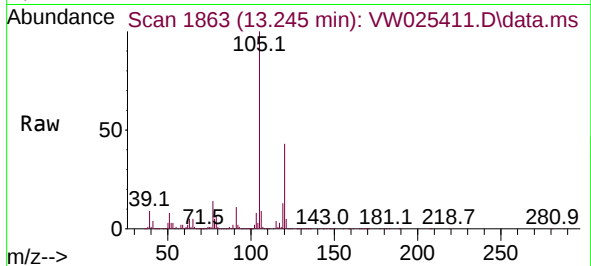




#63
1,2,4-Trimethylbenzene
Concen: 26.343 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

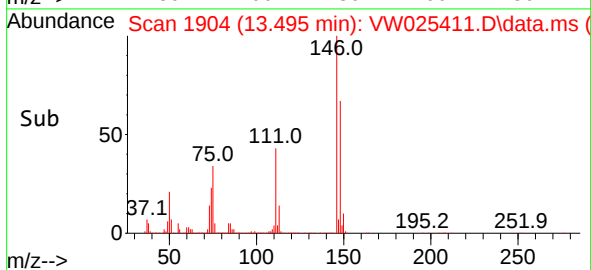
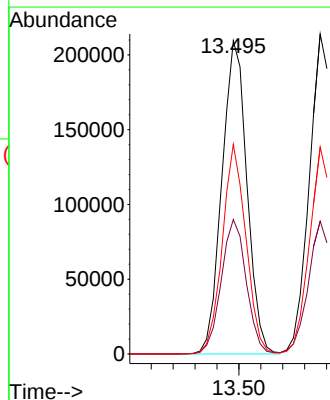
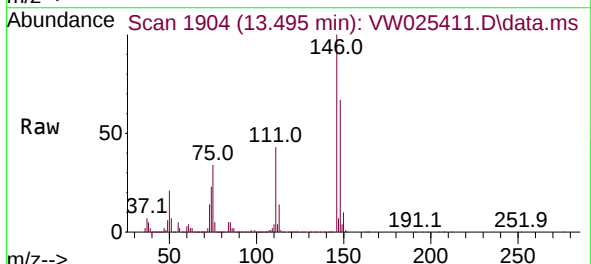
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MS

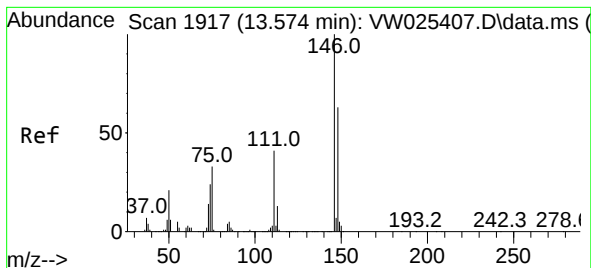
Tgt Ion:105 Resp: 702534
Ion Ratio Lower Upper
105 100
120 44.1 36.0 54.0



#64
1,3-Dichlorobenzene
Concen: 22.966 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

Tgt Ion:146 Resp: 332626
Ion Ratio Lower Upper
146 100
111 42.9 29.7 55.1
148 67.0 44.2 82.2





#65

1,4-Dichlorobenzene

Concen: 22.355 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW025411.D

Acq: 17 Mar 2023 11:40

Instrument :

MSVOA_W

ClientSampleId :

DCAQ8MS

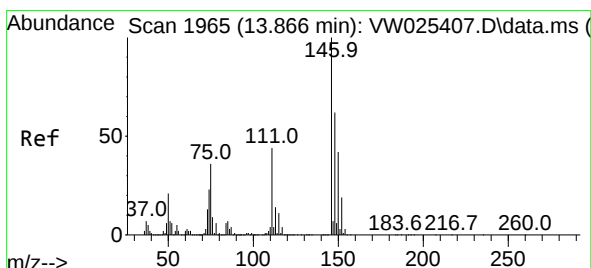
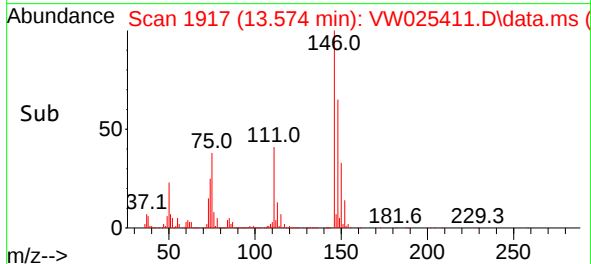
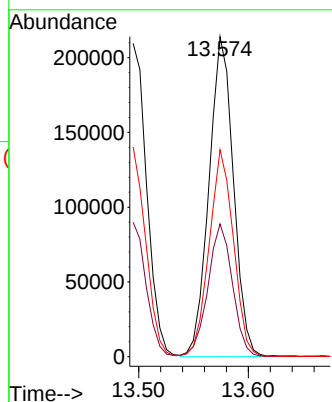
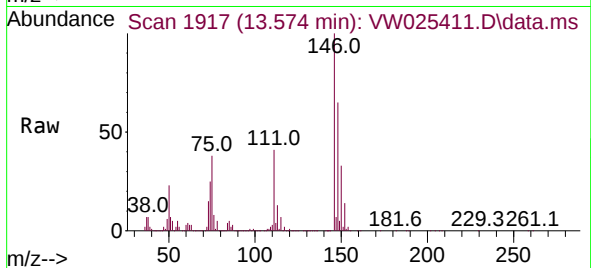
Tgt Ion:146 Resp: 332116

Ion Ratio Lower Upper

146 100

111 41.5 28.2 52.4

148 64.7 39.8 73.8



#67

1,2-Dichlorobenzene

Concen: 22.802 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025411.D

Acq: 17 Mar 2023 11:40

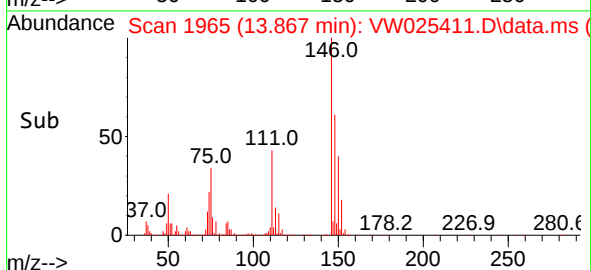
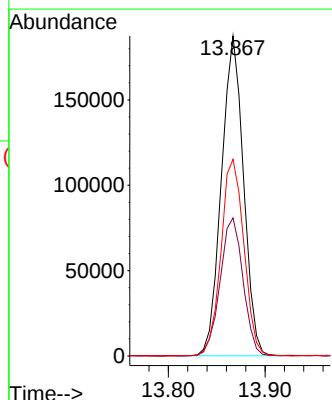
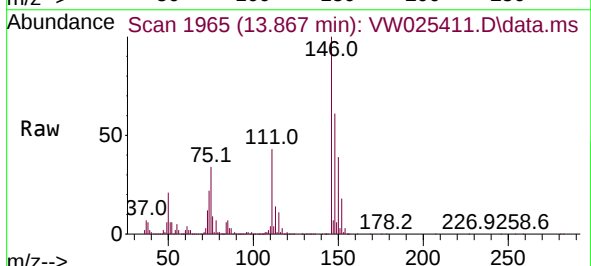
Tgt Ion:146 Resp: 296200

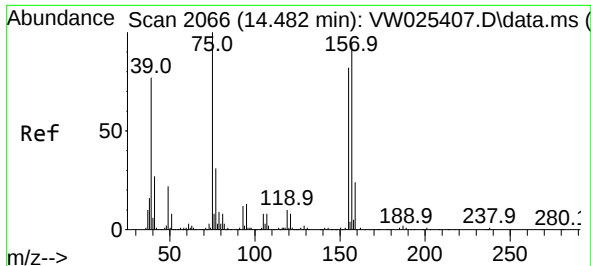
Ion Ratio Lower Upper

146 100

111 43.2 36.6 54.8

148 61.4 53.4 80.2





#68

1,2-Dibromo-3-chloropropane

Concen: 24.777 ug/L

RT: 14.476 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VW025411.D

Acq: 17 Mar 2023 11:40

Instrument :

MSVOA_W

ClientSampleId :

DCAQ8MS

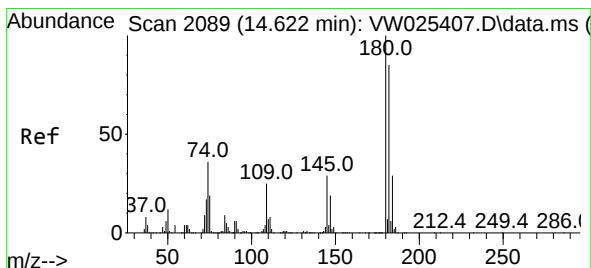
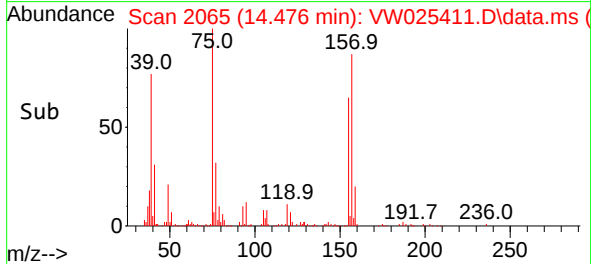
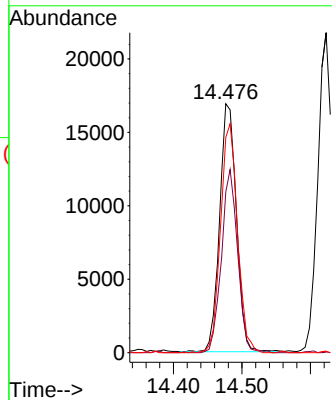
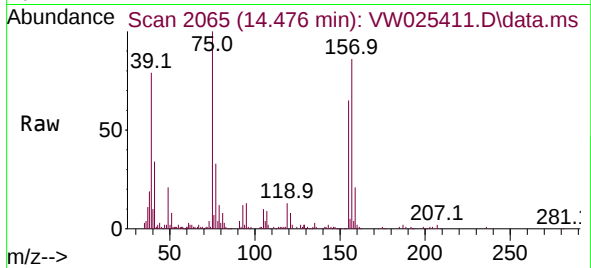
Tgt Ion: 75 Resp: 28655

Ion Ratio Lower Upper

75 100

155 64.6 55.4 83.0

157 86.4 75.3 112.9



#69

1,3,5-Trichlorobenzene

Concen: 16.704 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW025411.D

Acq: 17 Mar 2023 11:40

Tgt Ion:180 Resp: 164458

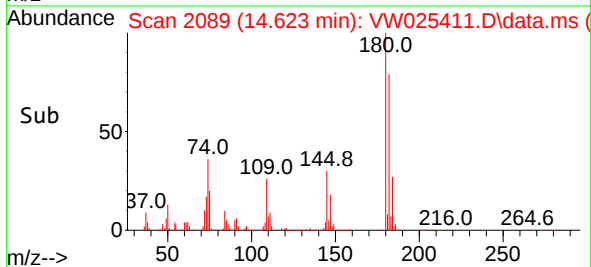
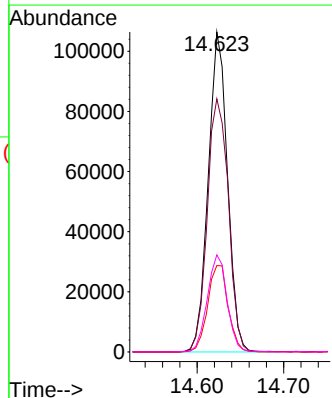
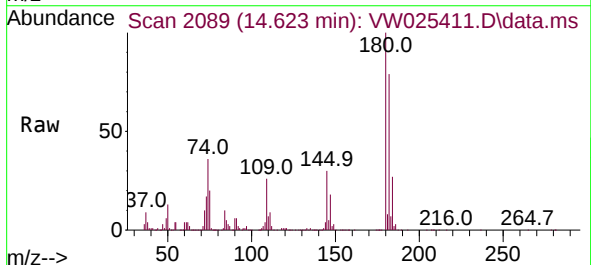
Ion Ratio Lower Upper

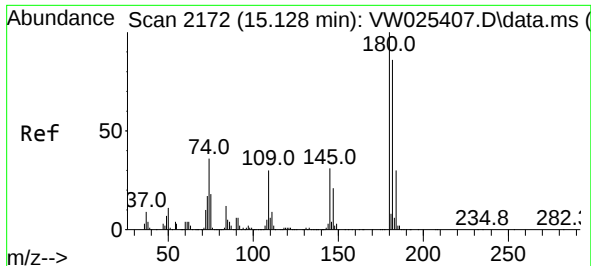
180 100

182 86.7 77.1 115.7

184 28.7 24.7 37.1

145 31.3 25.7 38.5

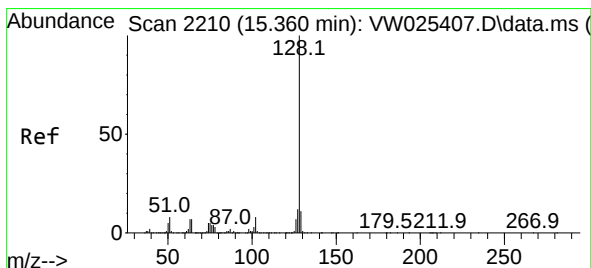
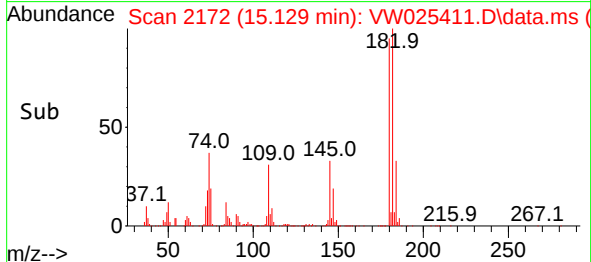
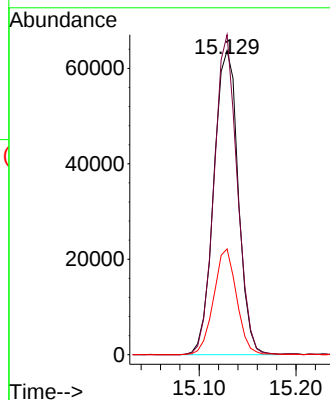
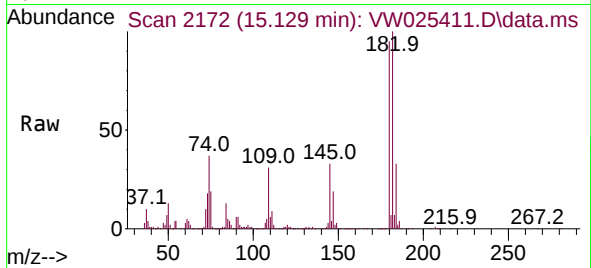




#70
1,2,4-trichlorobenzene
Concen: 13.687 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

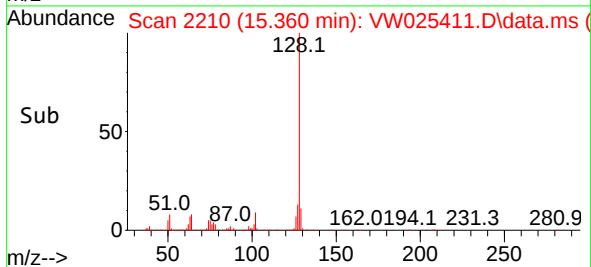
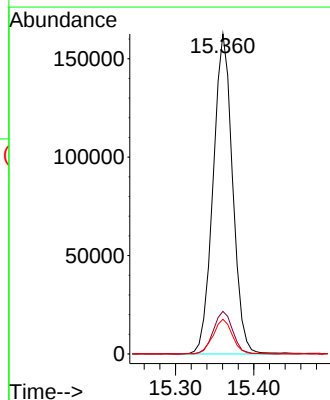
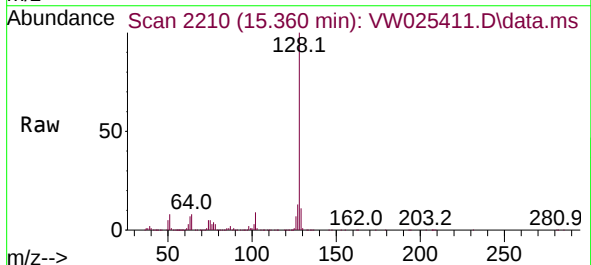
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MS

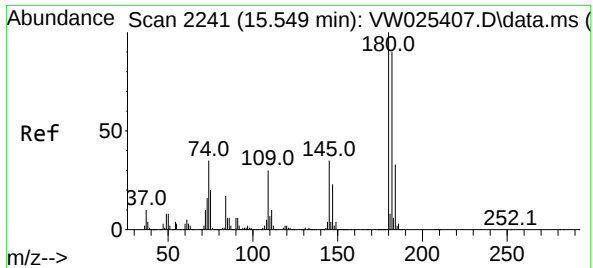
Tgt Ion:180 Resp: 111732
Ion Ratio Lower Upper
180 100
182 99.5 75.5 113.3
145 32.7 25.2 37.8



#71
Naphthalene
Concen: 17.406 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW025411.D
Acq: 17 Mar 2023 11:40

Tgt Ion:128 Resp: 280467
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.7 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 13.332 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW025411.D
 Acq: 17 Mar 2023 11:40

Instrument :
 MSVOA_W
 ClientSampleId :
 DCAQ8MS

Tgt Ion:	180	Resp:	97752
Ion	Ratio	Lower	Upper
180	100		
182	88.5	76.6	114.8
145	33.6	27.7	41.5

