

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031723\
 Data File : VW025412.D
 Acq On : 17 Mar 2023 12:04
 Operator : SY/MD
 Sample : 01927-13MSD
 Misc : 5.93g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCAQ8MSD

Quant Time: Mar 17 21:41:19 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	759607	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	612426	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	232390	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	265224	21.000	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.000%
7) Chloroethane-d5	2.899	69	205502	22.613	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.440%
11) 1,1-Dichloroethene-d2	4.027	63	549920	22.543	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.160%
21) 2-Butanone-d5	7.075	46	127652	41.176	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.360%
24) Chloroform-d	7.648	84	528695	24.143	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.560%
26) 1,2-Dichloroethane-d4	8.307	65	277894	23.643	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.560%
32) Benzene-d6	8.276	84	1083406	25.890	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.560%
36) 1,2-Dichloropropane-d6	9.270	67	337260	26.052	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.200%
41) Toluene-d8	10.325	98	918592	24.897	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	10.575	79	109438	21.230	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.920%
47) 2-Hexanone-d5	10.922	63	81176	43.607	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	213492	22.510	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.040%
66) 1,2-Dichlorobenzene-d4	13.855	152	191298	22.136	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	167742	19.323	ug/L	92
3) Chloromethane	2.223	50	247826	24.004	ug/L	97
5) Vinyl chloride	2.375	62	278091	23.841	ug/L	100
6) Bromomethane	2.790	94	129217	20.779	ug/L	97
8) Chloroethane	2.930	64	163848	24.440	ug/L	98
9) Trichlorofluoromethane	3.265	101	213471	21.144	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	218701	22.338	ug/L	96
13) Acetone	4.119	43	105670	35.458	ug/L	99
14) Carbon disulfide	4.393	76	706045	23.973	ug/L	98
15) Methyl Acetate	4.667	43	83757	14.981	ug/L	100
16) Methylene chloride	4.917	84	246021	23.260	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	237620	23.930	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	350707	23.460	ug/L	100
19) 1,1-Dichloroethane	6.222	63	501756	24.401	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	262504	24.145	ug/L #	100
22) 2-Butanone	7.173	43	144028	37.360	ug/L	98
23) Bromochloromethane	7.514	128	105915	22.654	ug/L	90
25) Chloroform	7.679	83	463309	23.968	ug/L	98
27) 1,2-Dichloroethane	8.398	62	301054	23.337	ug/L	99

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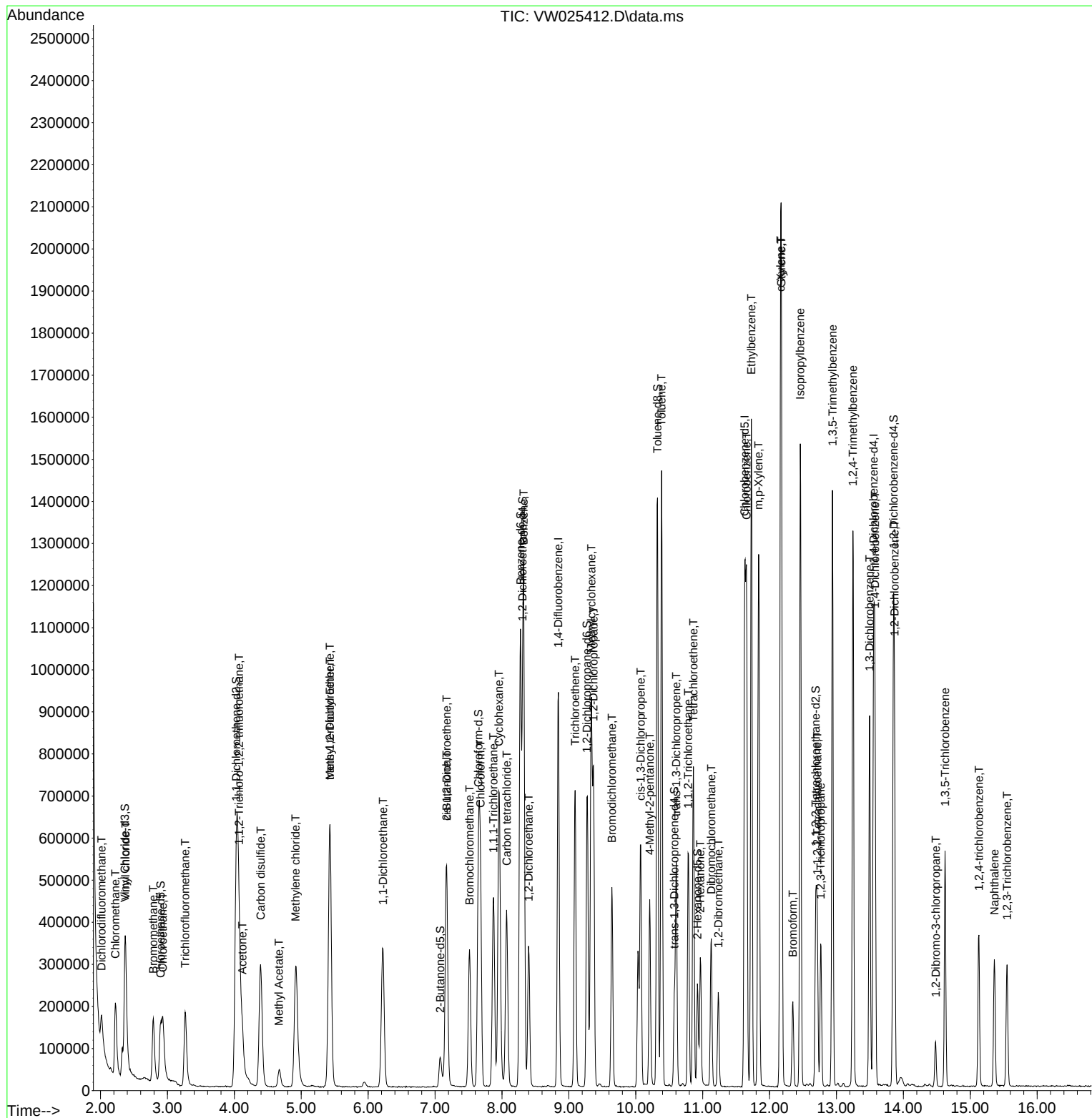
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	417797	24.168	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	359350	24.683	ug/L	99
31) Carbon tetrachloride	8.069	117	316096	24.222	ug/L	99
33) Benzene	8.325	78	1029895	26.303	ug/L	100
34) Trichloroethene	9.093	95	253496	24.667	ug/L	97
35) Methylcyclohexane	9.337	83	346755	19.587	ug/L	98
37) 1,2-Dichloropropane	9.368	63	275891	25.598	ug/L	99
38) Bromodichloromethane	9.642	83	312464	24.858	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	337610	21.743	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	304463	47.000	ug/L	100
42) Toluene	10.386	91	1027444	25.414	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	277429	21.336	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	172760	23.868	ug/L	99
46) Tetrachloroethene	10.861	164	164141	22.447	ug/L	98
48) 2-Hexanone	10.965	43	208101	44.652	ug/L	99
49) Dibromochloromethane	11.130	129	181973	23.530	ug/L	97
50) 1,2-Dibromoethane	11.233	107	149859	22.367	ug/L #	99
51) Chlorobenzene	11.654	112	578247	22.537	ug/L	97
52) Ethylbenzene	11.727	91	1051494	22.805	ug/L	100
53) m,p-Xylene	11.837	106	388831	22.864	ug/L	99
54) o-Xylene	12.166	106	367877	22.988	ug/L	95
55) Styrene	12.178	104	601078	21.995	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.715	83	190804	21.192	ug/L	98
59) Bromoform	12.349	173	89844	26.797	ug/L	99
60) Isopropylbenzene	12.459	105	946693	27.327	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	142107	28.067	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	719304	26.217	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	693388	25.654	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	328506	22.379	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	331875	22.041	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	292041	22.182	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	27657	23.595	ug/L #	92
69) 1,3,5-Trichlorobenzene	14.623	180	156093	15.643	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	108330	13.094	ug/L	99
71) Naphthalene	15.360	128	253021	15.493	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	91585	12.324	ug/L	95

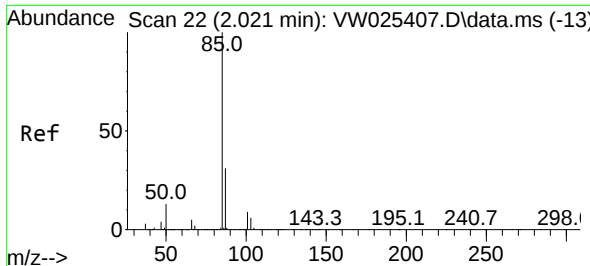
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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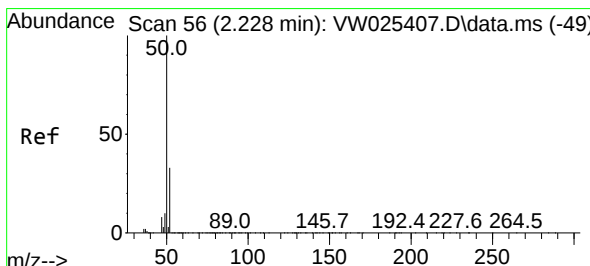
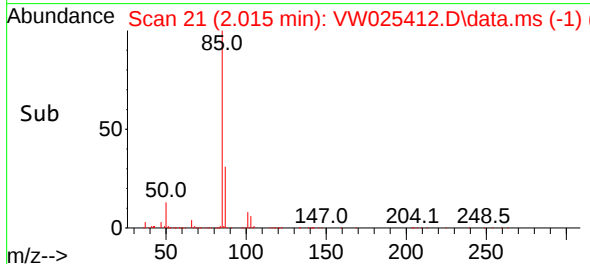
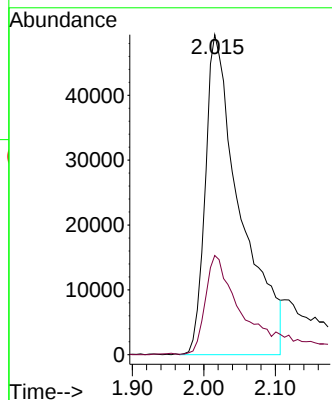
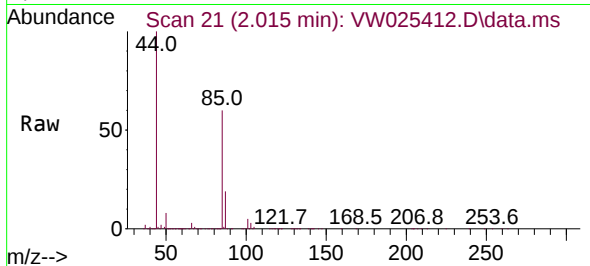




#2
 Dichlorodifluoromethane
 Concen: 19.323 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW025412.D
 Acq: 17 Mar 2023 12:04

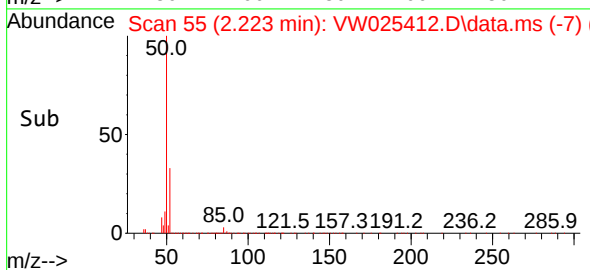
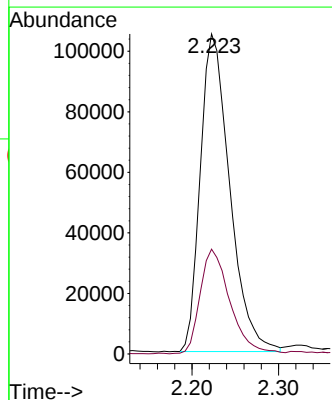
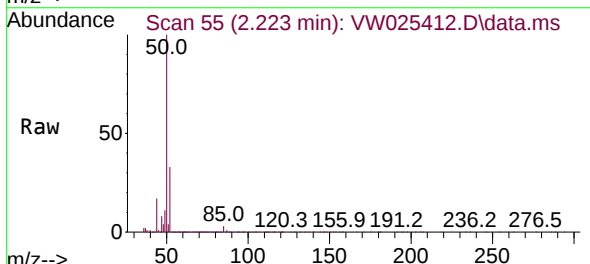
Instrument :
 MSVOA_W
 ClientSampleId :
 DCAQ8MSD

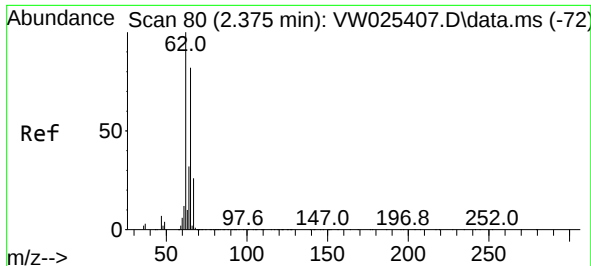
Tgt Ion: 85 Resp: 167742
 Ion Ratio Lower Upper
 85 100
 87 29.7 20.5 30.7



#3
 Chloromethane
 Concen: 24.004 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW025412.D
 Acq: 17 Mar 2023 12:04

Tgt Ion: 50 Resp: 247826
 Ion Ratio Lower Upper
 50 100
 52 32.8 21.9 40.7

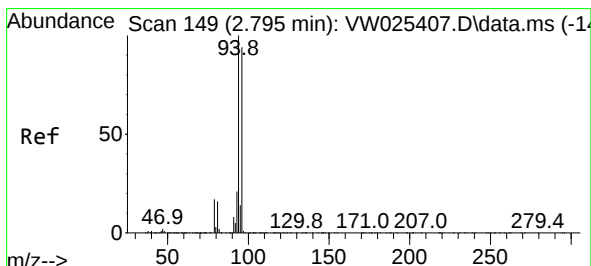
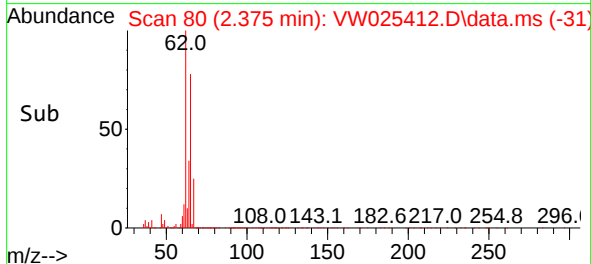
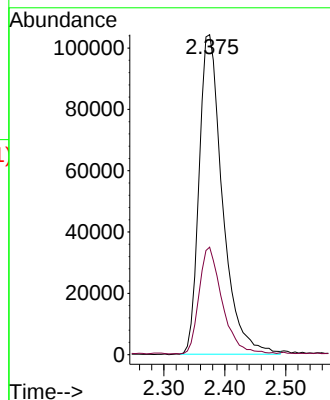
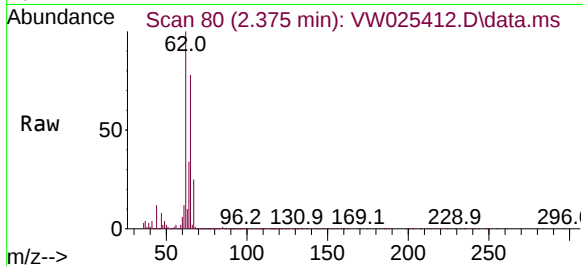




#5
 Vinyl chloride
 Concen: 23.841 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW025412.D
 Acq: 17 Mar 2023 12:04

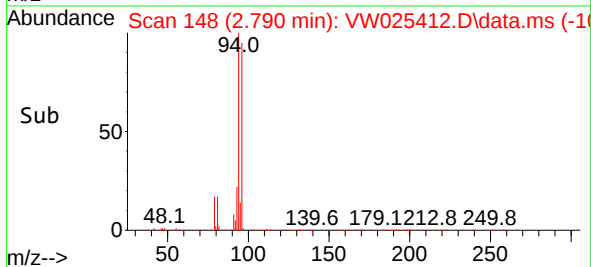
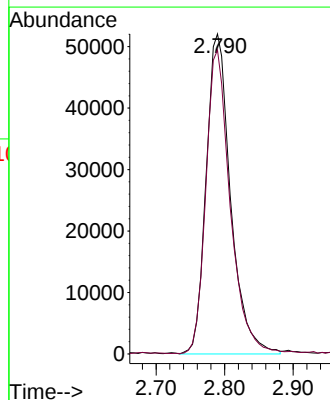
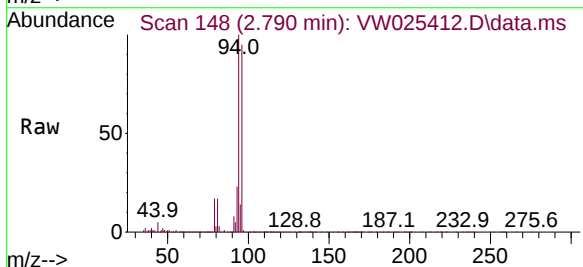
Instrument :
 MSVOA_W
 ClientSampleId :
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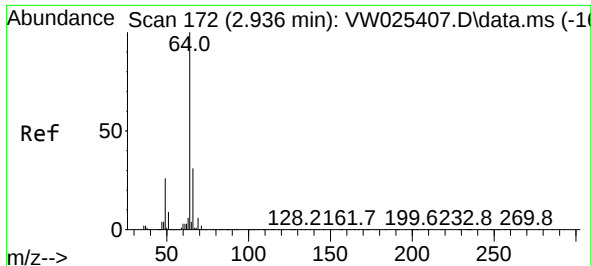
Tgt Ion: 62 Resp: 278091
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.4 43.6



#6
 Bromomethane
 Concen: 20.779 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW025412.D
 Acq: 17 Mar 2023 12:04

Tgt Ion: 94 Resp: 129217
 Ion Ratio Lower Upper
 94 100
 96 95.0 64.5 119.9

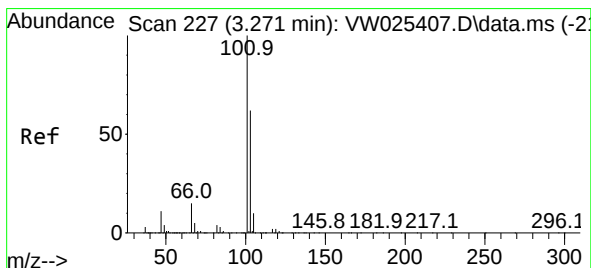
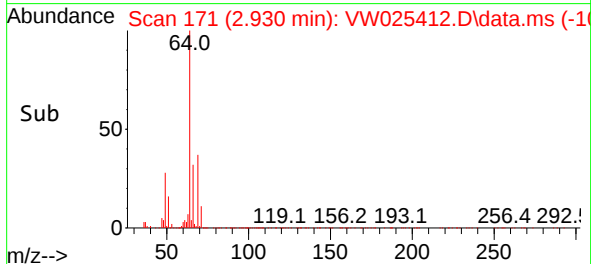
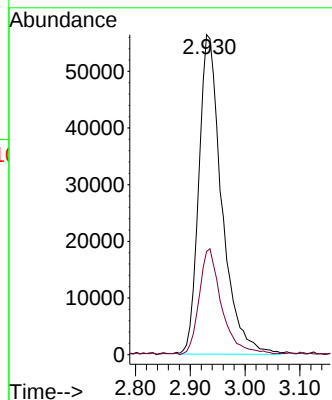
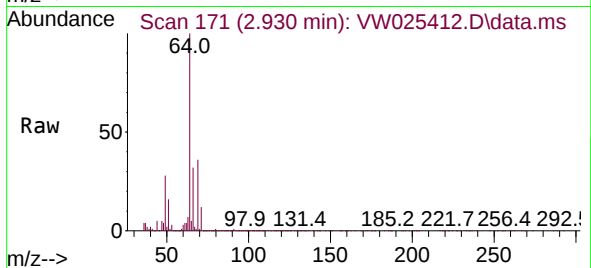




#8
Chloroethane
Concen: 24.440 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

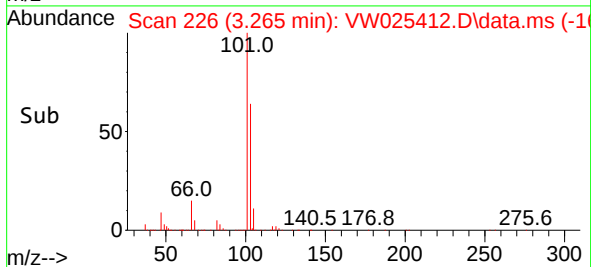
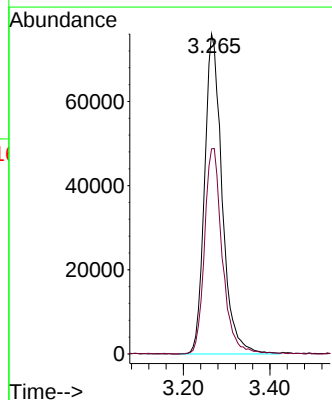
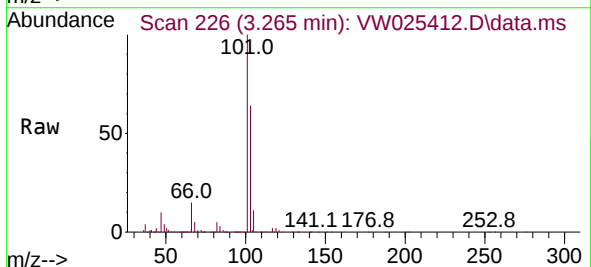
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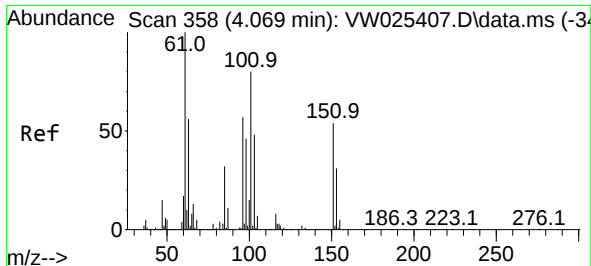
Tgt Ion: 64 Resp: 163848
Ion Ratio Lower Upper
64 100
66 32.2 23.3 43.3



#9
Trichlorofluoromethane
Concen: 21.144 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

Tgt Ion: 101 Resp: 213471
Ion Ratio Lower Upper
101 100
103 64.9 51.5 77.3





#10

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

Concen: 22.338 ug/L

RT: 4.070 min Scan# 358

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

Instrument :

MSVOA_W

ClientSampleId :

DCAQ8MSD

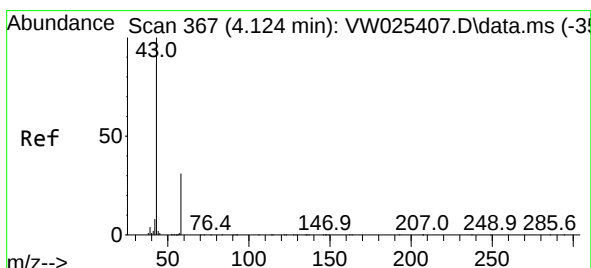
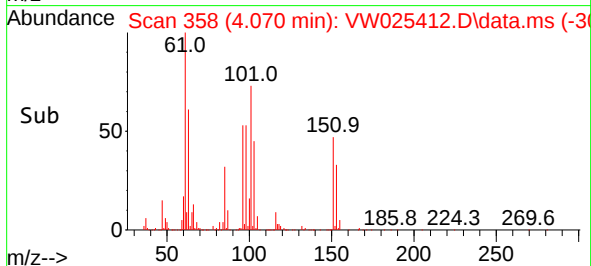
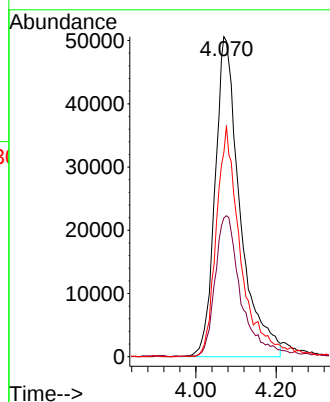
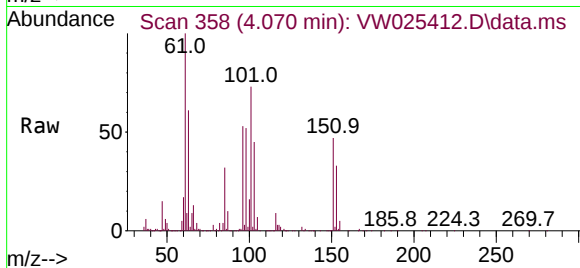
Tgt Ion:101 Resp: 218701

Ion Ratio Lower Upper

101 100

85 45.2 35.8 53.8

151 62.7 54.2 81.2



#13

Acetone

Concen: 35.458 ug/L

RT: 4.119 min Scan# 366

Delta R.T. -0.006 min

Lab File: VW025412.D

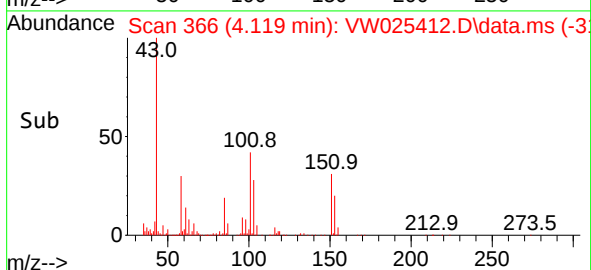
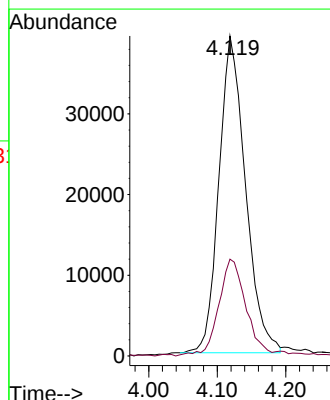
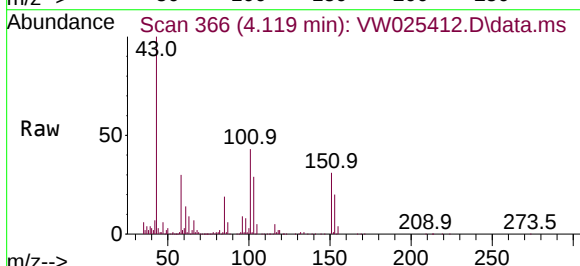
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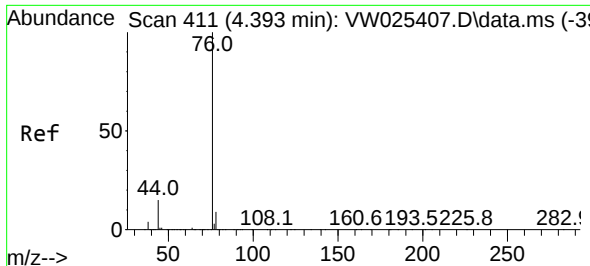
Tgt Ion: 43 Resp: 105670

Ion Ratio Lower Upper

43 100

58 30.3 0.0 60.0

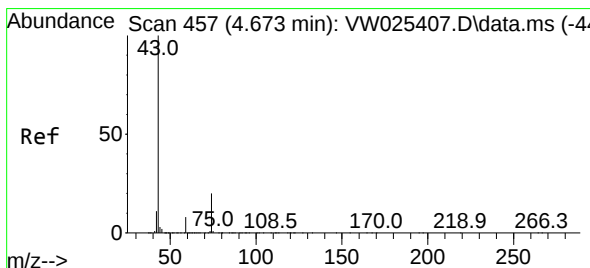
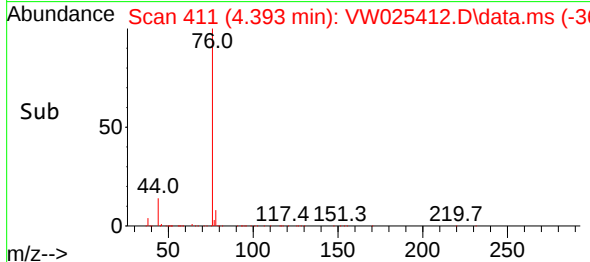
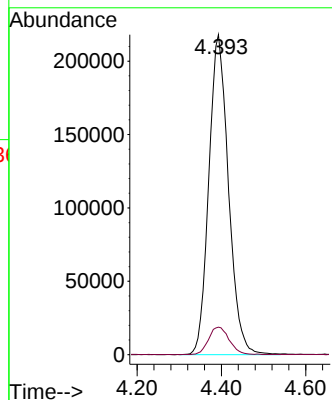
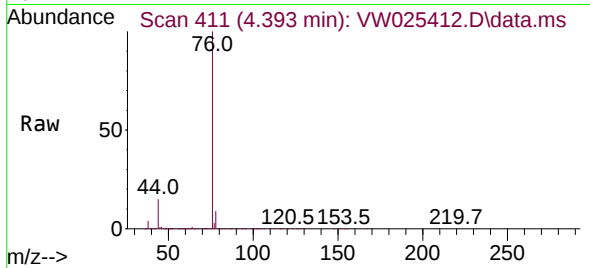




#14
Carbon disulfide
Concen: 23.973 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

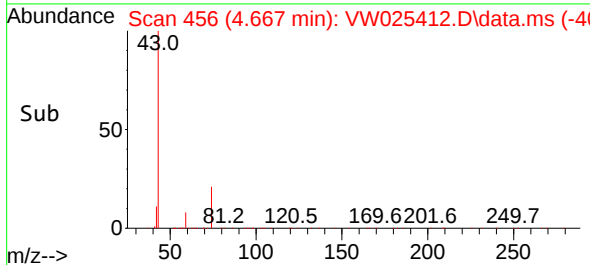
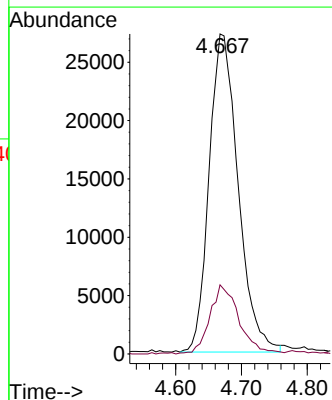
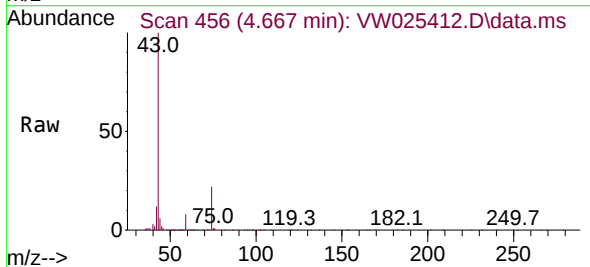
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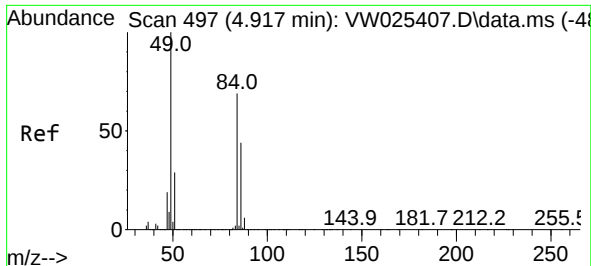
Tgt Ion: 76 Resp: 706045
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4



#15
Methyl Acetate
Concen: 14.981 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

Tgt Ion: 43 Resp: 83757
Ion Ratio Lower Upper
43 100
74 21.3 17.0 25.4

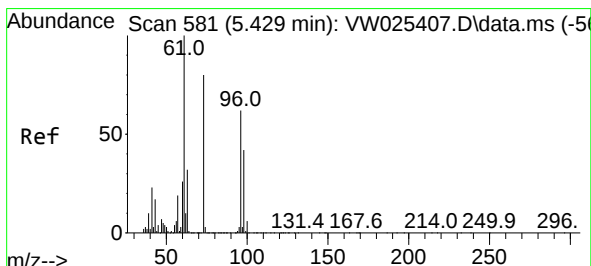
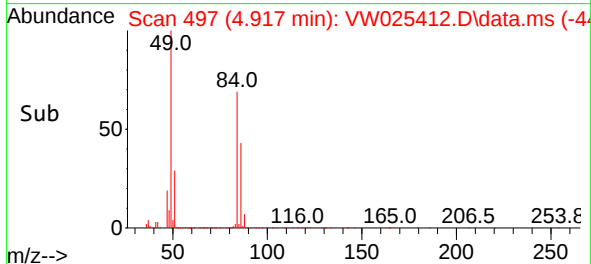
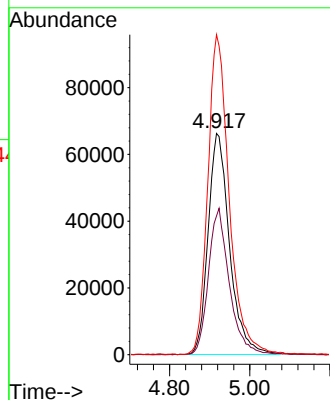
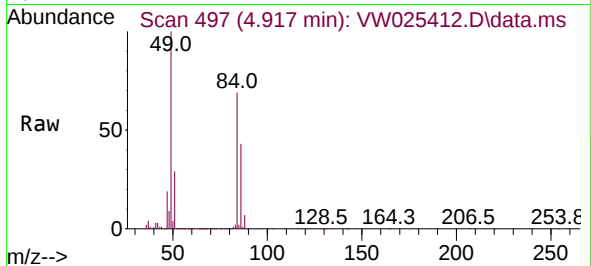




#16
Methylene chloride
Concen: 23.260 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

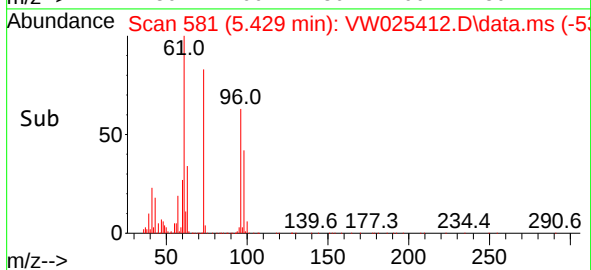
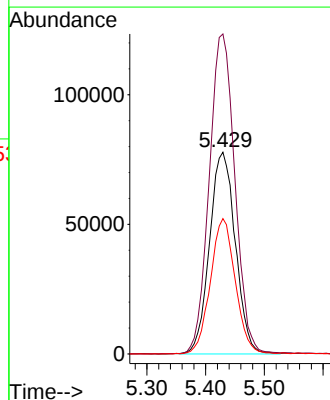
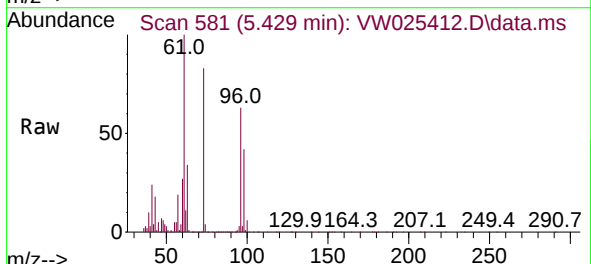
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD

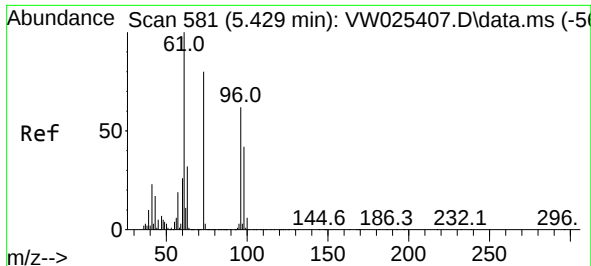
Tgt Ion: 84 Resp: 246021
Ion Ratio Lower Upper
84 100
86 62.7 45.1 83.7
49 144.6 94.7 175.9



#17
trans-1,2-Dichloroethene
Concen: 23.930 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

Tgt Ion: 96 Resp: 237620
Ion Ratio Lower Upper
96 100
61 158.6 103.0 191.4
98 67.1 43.4 80.6

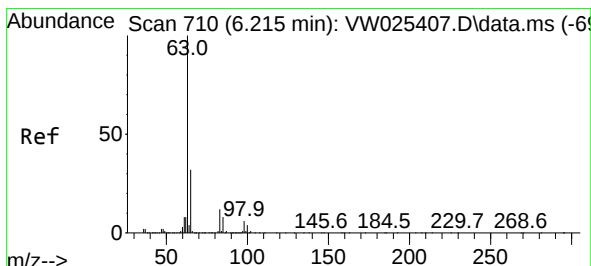
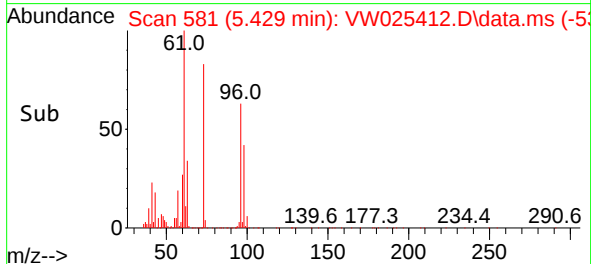
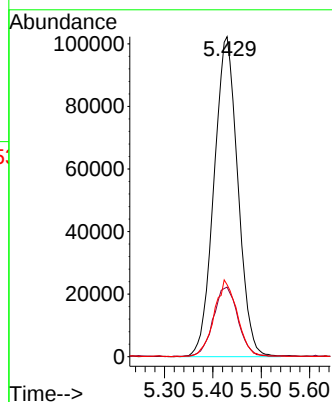
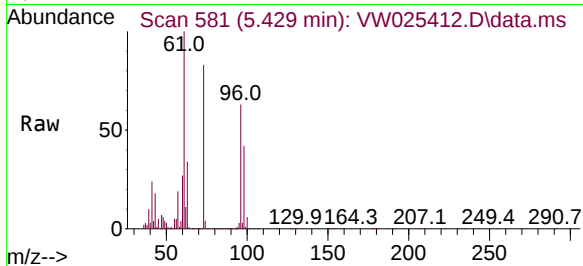




#18
Methyl tert-butyl Ether
Concen: 23.460 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

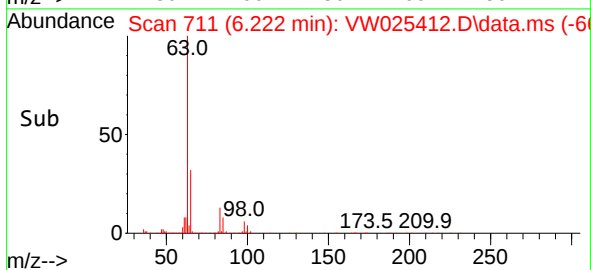
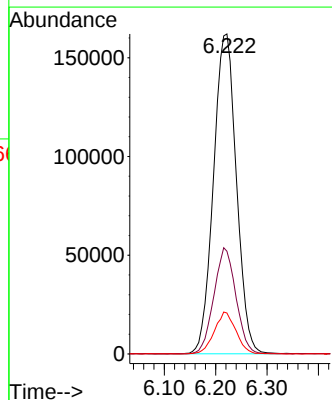
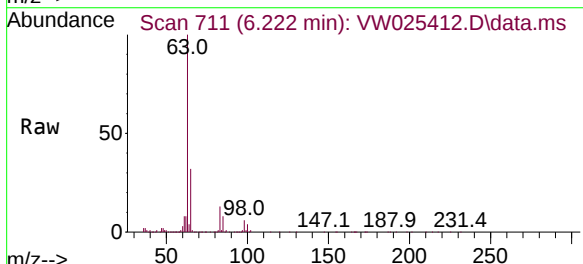
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD

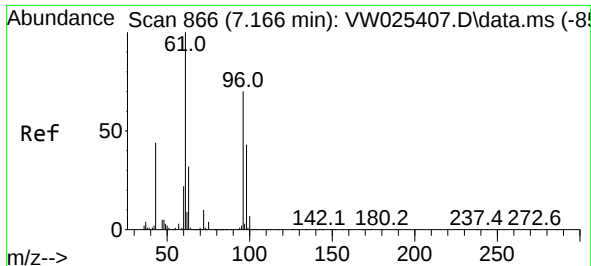
Tgt Ion:	73	Resp:	350707
Ion	Ratio	Lower	Upper
73	100		
43	22.1	17.6	26.4
57	23.2	18.6	28.0



#19
1,1-Dichloroethane
Concen: 24.401 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

Tgt Ion:	63	Resp:	501756
Ion	Ratio	Lower	Upper
63	100		
65	32.1	21.7	40.3
83	12.8	8.4	15.6

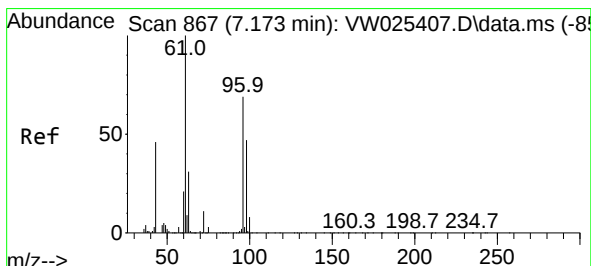
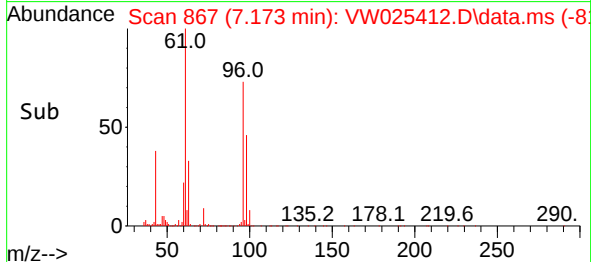
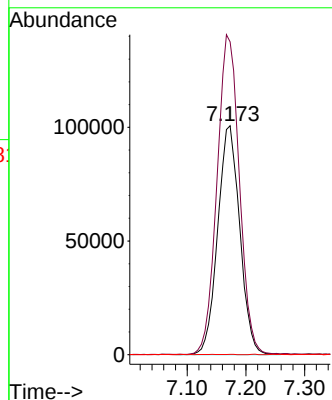
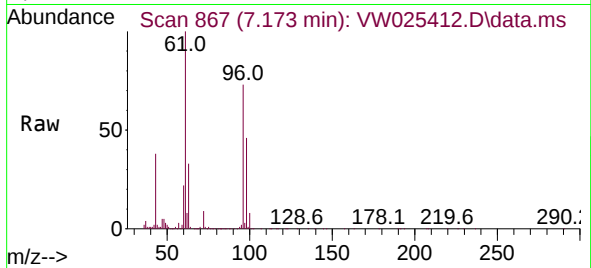




#20
cis-1,2-Dichloroethene
Concen: 24.145 ug/L
RT: 7.173 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

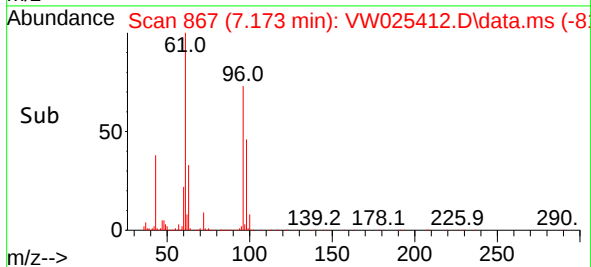
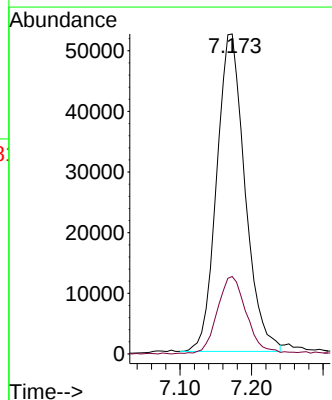
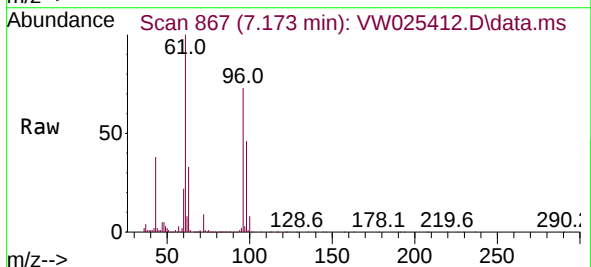
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD

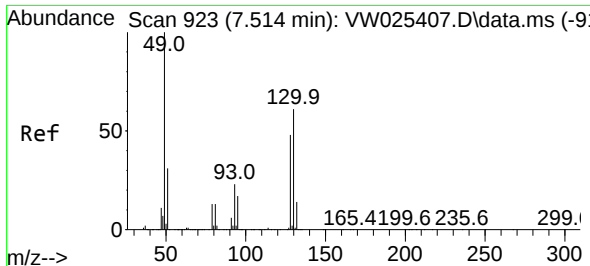
Tgt Ion: 96 Resp: 262504
Ion Ratio Lower Upper
96 100
61 136.7 95.5 177.4
68 0.2 0.1 0.1#



#22
2-Butanone
Concen: 37.360 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

Tgt Ion: 43 Resp: 144028
Ion Ratio Lower Upper
43 100
72 24.9 12.0 36.1

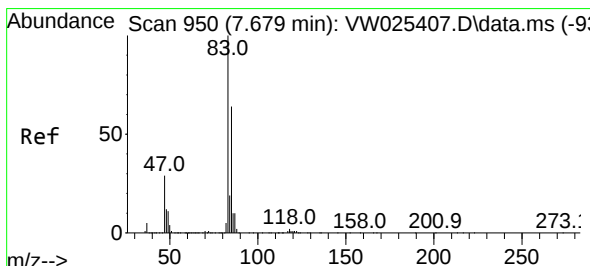
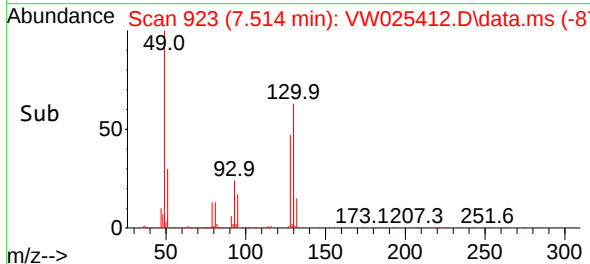
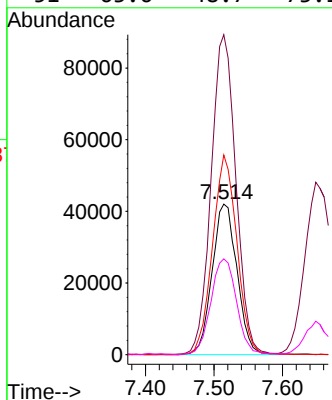
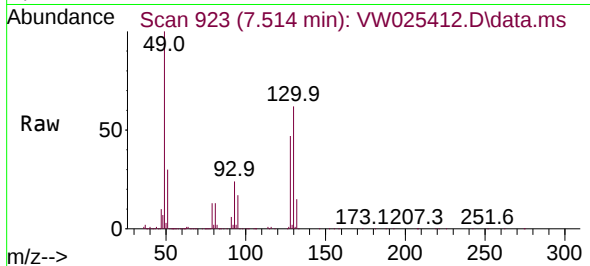




#23
Bromochloromethane
Concen: 22.654 ug/L
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

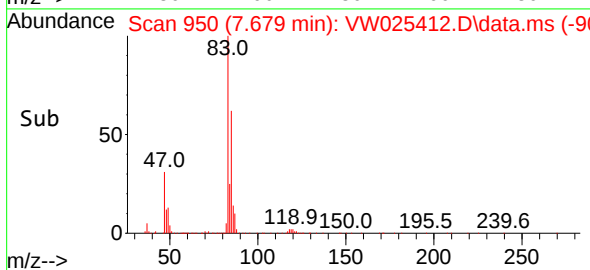
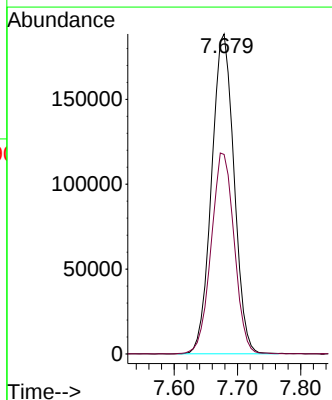
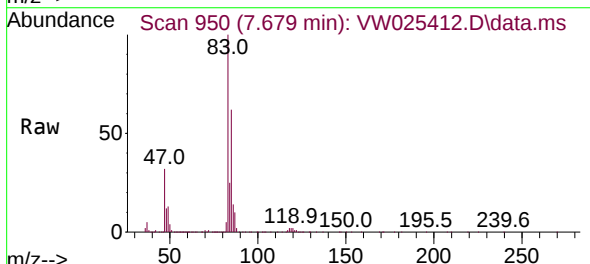
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD

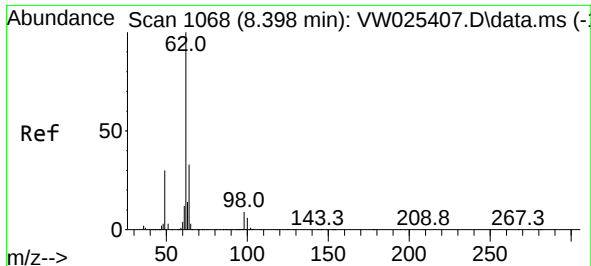
Tgt Ion:128 Resp: 105915
Ion Ratio Lower Upper
128 100
49 212.5 140.6 261.0
130 132.6 80.8 150.0
51 63.6 48.7 73.1



#25
Chloroform
Concen: 23.968 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

Tgt Ion: 83 Resp: 463309
Ion Ratio Lower Upper
83 100
85 62.4 44.7 82.9





#27

1,2-Dichloroethane

Concen: 23.337 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

Instrument :

MSVOA_W

ClientSampleId :

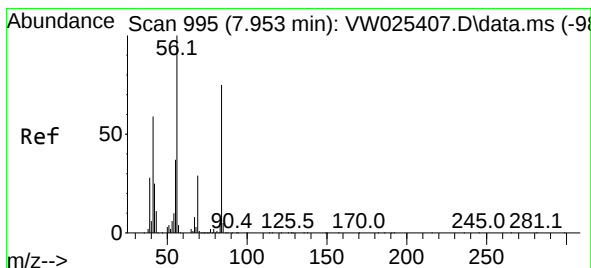
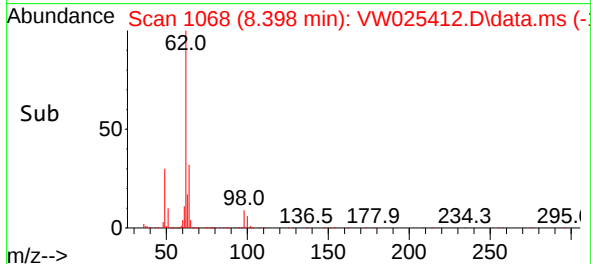
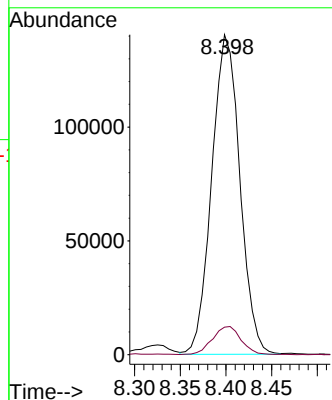
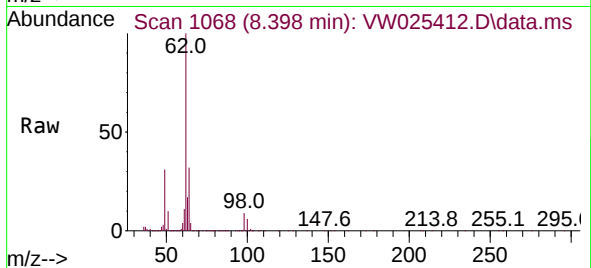
DCAQ8MSD

Tgt Ion: 62 Resp: 301054

Ion Ratio Lower Upper

62 100

98 8.6 7.2 10.8



#29

Cyclohexane

Concen: 24.168 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

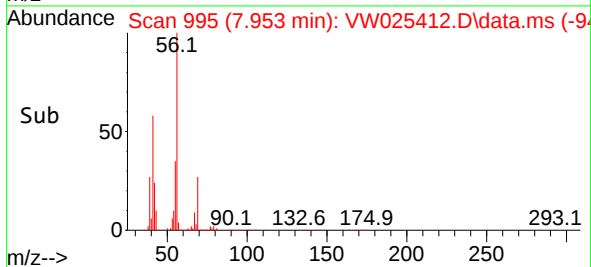
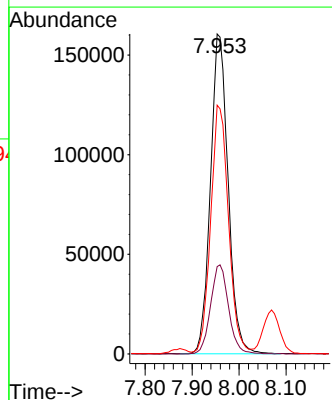
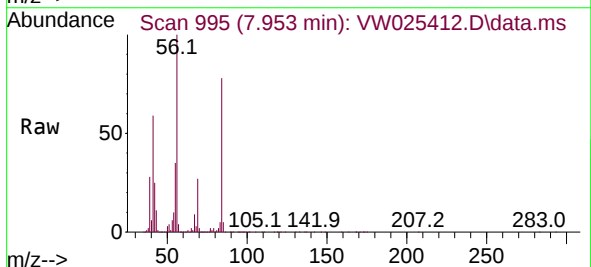
Tgt Ion: 56 Resp: 417797

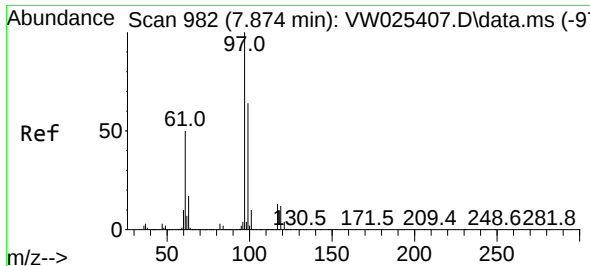
Ion Ratio Lower Upper

56 100

69 28.4 23.1 34.7

84 78.4 63.9 95.9

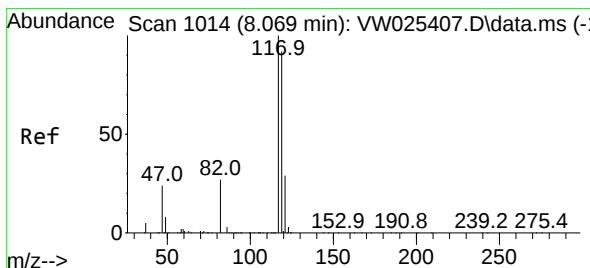
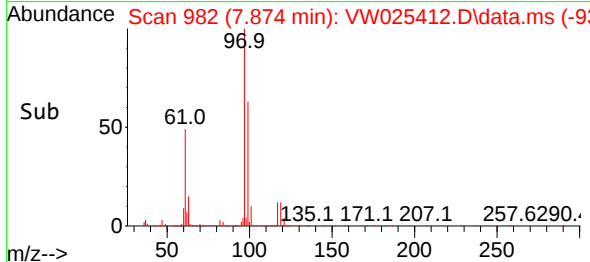
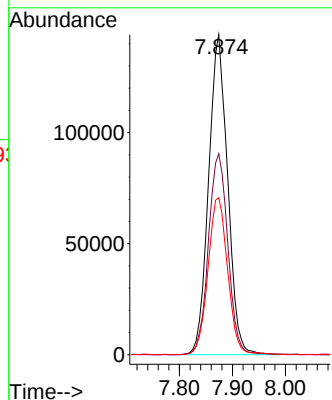
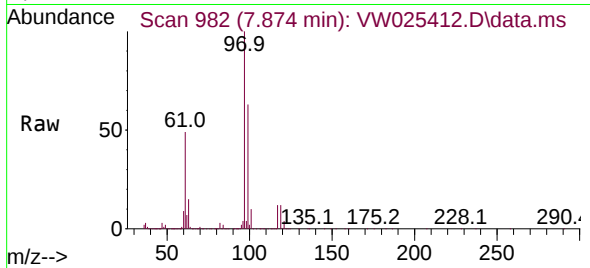




#30
1,1,1-Trichloroethane
Concen: 24.683 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

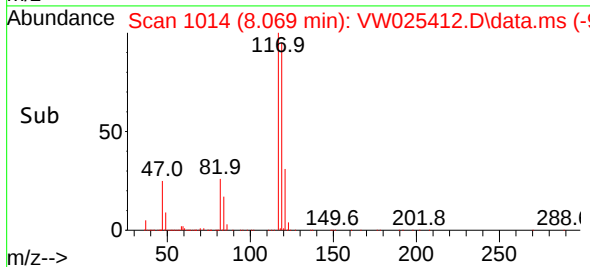
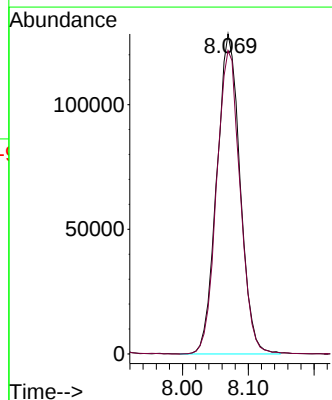
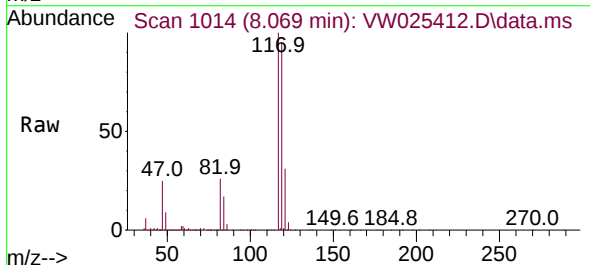
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD

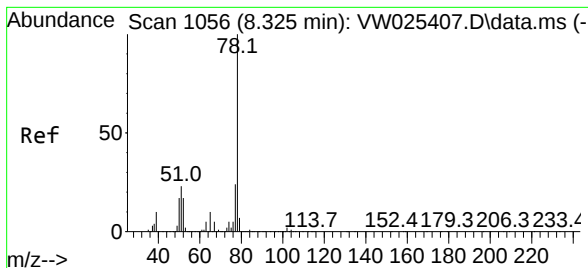
Tgt Ion: 97 Resp: 359350
Ion Ratio Lower Upper
97 100
99 64.1 50.9 76.3
61 50.3 39.8 59.6



#31
Carbon tetrachloride
Concen: 24.222 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

Tgt Ion: 117 Resp: 316096
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.6





#33

Benzene

Concen: 26.303 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

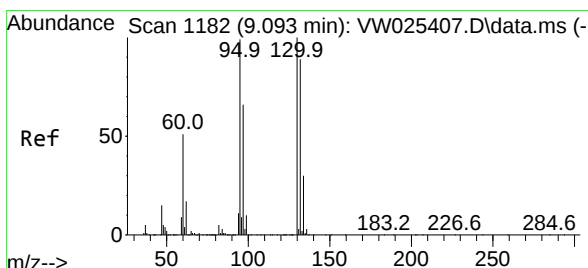
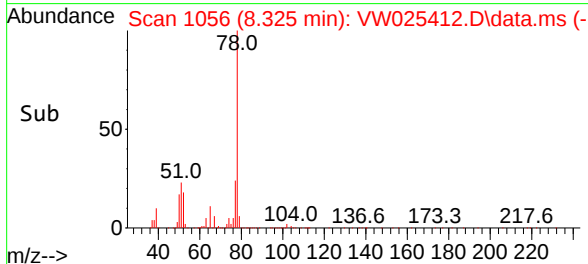
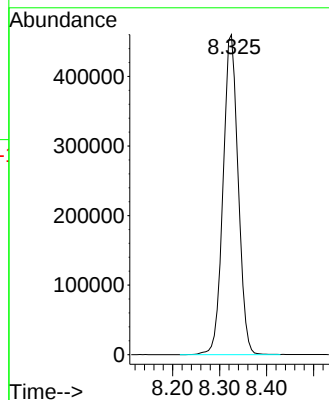
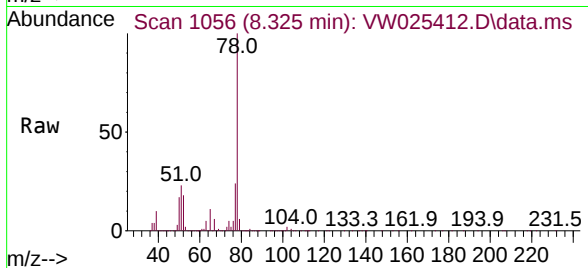
Instrument :

MSVOA_W

ClientSampleId :

DCAQ8MSD

Tgt Ion: 78 Resp: 1029895



#34

Trichloroethene

Concen: 24.667 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

Tgt Ion: 95 Resp: 253496

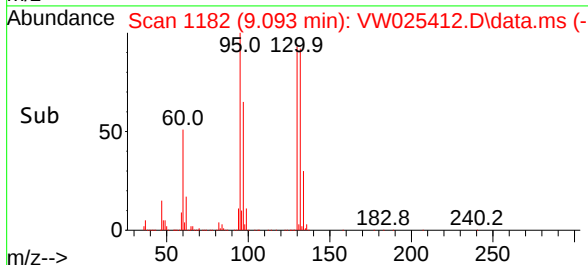
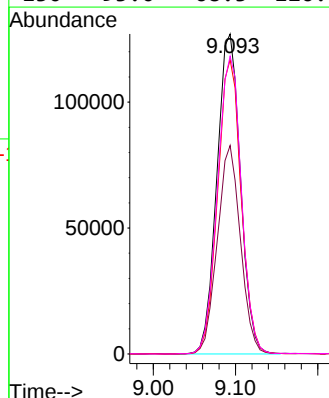
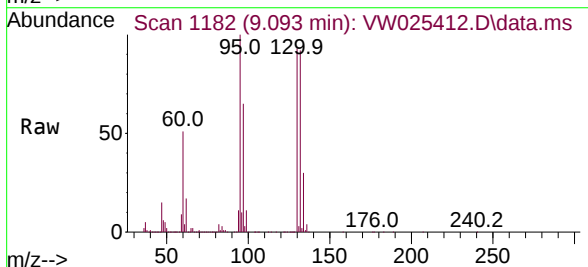
Ion Ratio Lower Upper

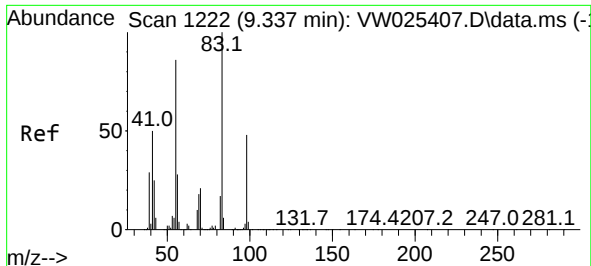
95 100

97 65.1 43.8 81.4

132 92.0 65.9 122.3

130 93.0 68.3 126.8





#35

Methylcyclohexane

Concen: 19.587 ug/L

RT: 9.337 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

Instrument :

MSVOA_W

ClientSampleId :

DCAQ8MSD

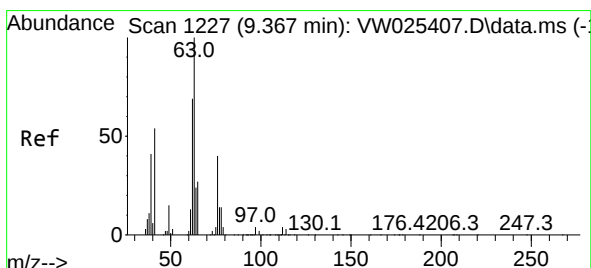
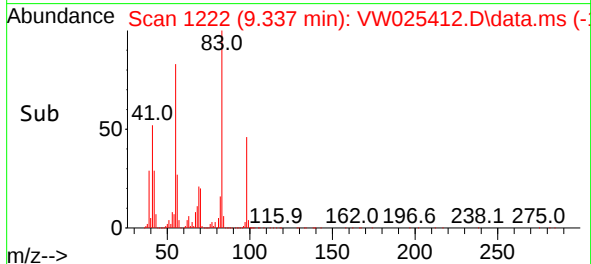
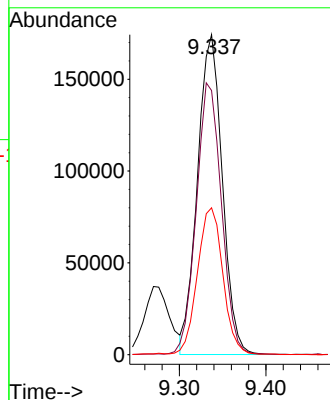
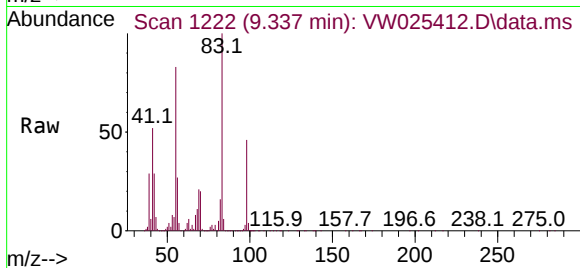
Tgt Ion: 83 Resp: 346755

Ion Ratio Lower Upper

83 100

55 86.4 68.2 102.4

98 47.2 39.0 58.4



#37

1,2-Dichloropropane

Concen: 25.598 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW025412.D

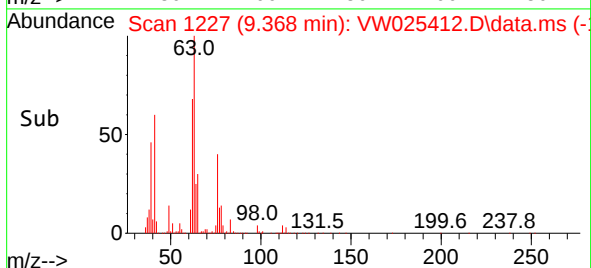
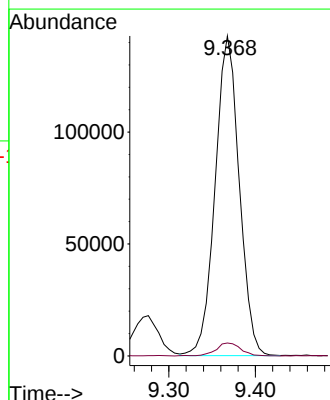
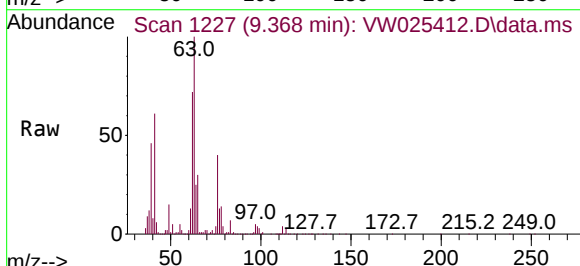
Acq: 17 Mar 2023 12:04

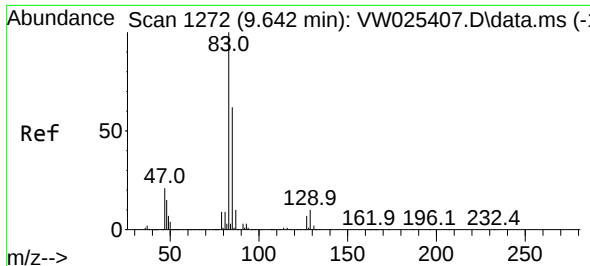
Tgt Ion: 63 Resp: 275891

Ion Ratio Lower Upper

63 100

112 4.2 3.2 4.8

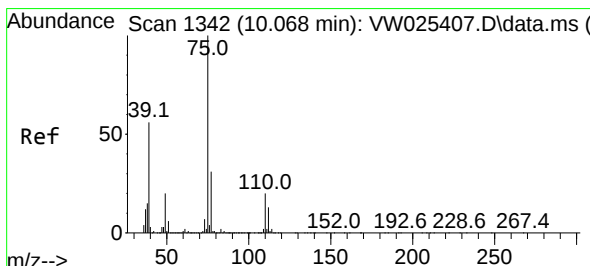
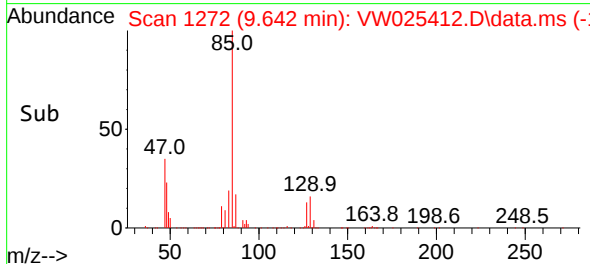
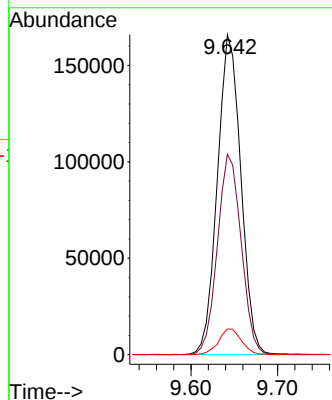
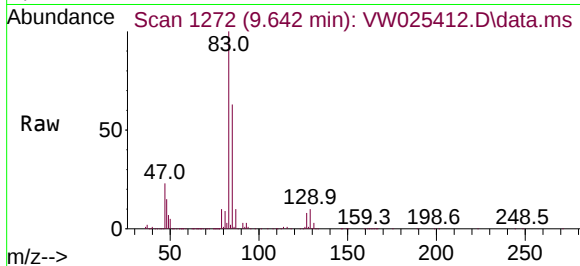




#38
Bromodichloromethane
Concen: 24.858 ug/L
RT: 9.642 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

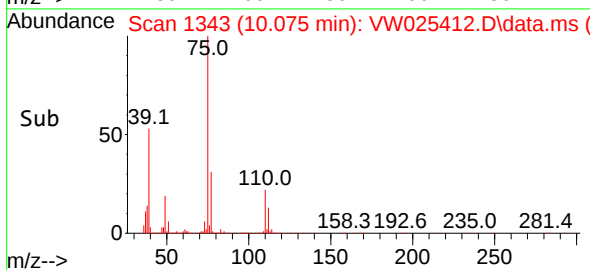
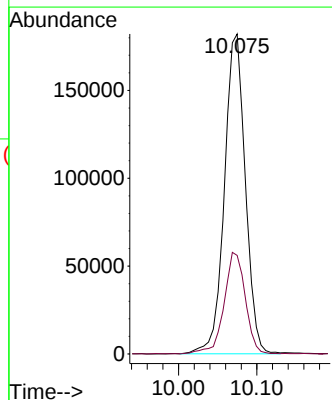
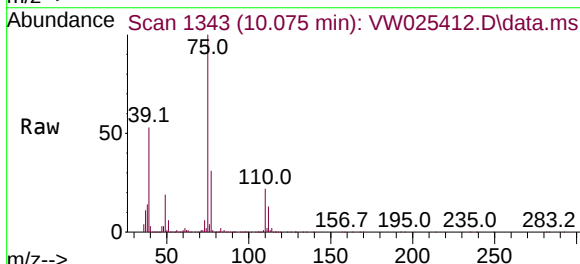
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD

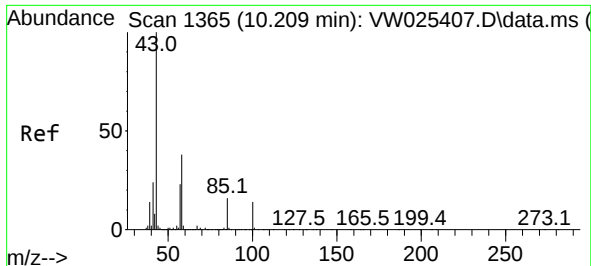
Tgt Ion: 83 Resp: 312464
Ion Ratio Lower Upper
83 100
85 62.7 44.7 83.1
127 8.0 6.1 9.1



#39
cis-1,3-Dichloropropene
Concen: 21.743 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

Tgt Ion: 75 Resp: 337610
Ion Ratio Lower Upper
75 100
77 30.8 22.0 41.0





#40

4-Methyl-2-pentanone

Concen: 47.000 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

Instrument :

MSVOA_W

ClientSampleId :

DCAQ8MSD

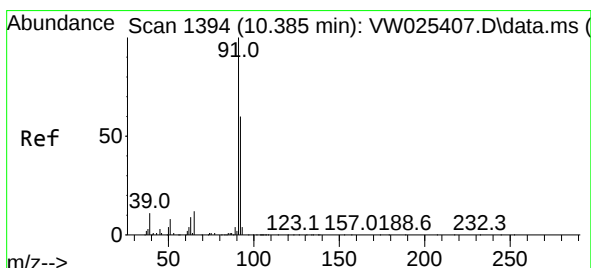
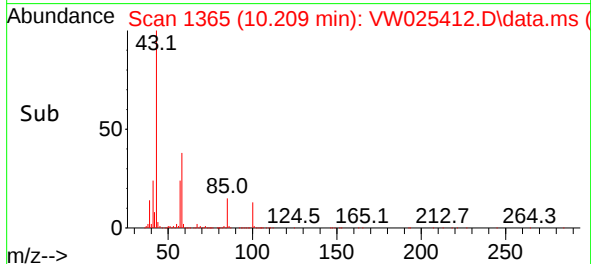
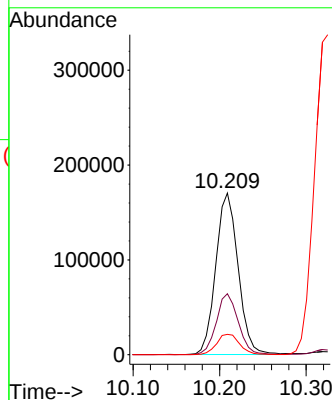
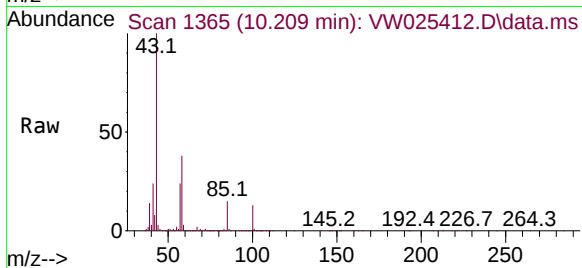
Tgt Ion: 43 Resp: 304463

Ion Ratio Lower Upper

43 100

58 37.2 29.6 44.4

100 13.2 10.6 16.0



#42

Toluene

Concen: 25.414 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW025412.D

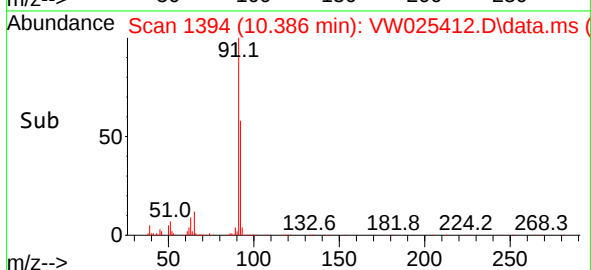
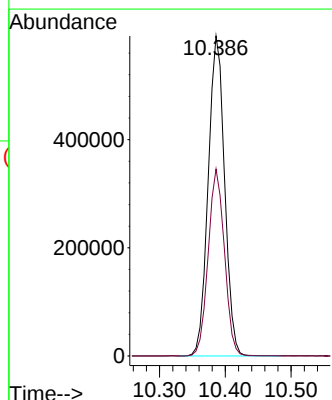
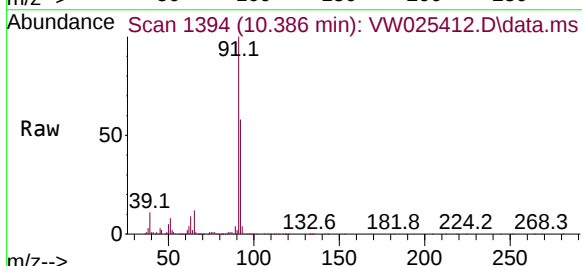
Acq: 17 Mar 2023 12:04

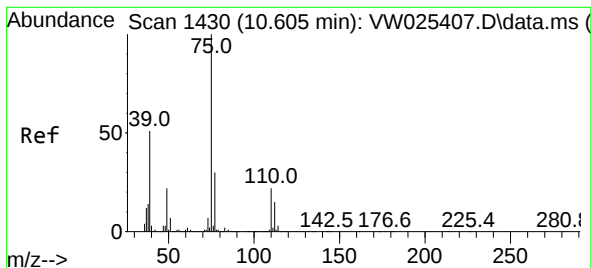
Tgt Ion: 91 Resp: 1027444

Ion Ratio Lower Upper

91 100

92 58.4 41.6 77.3

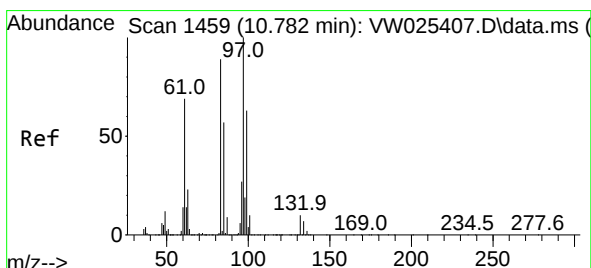
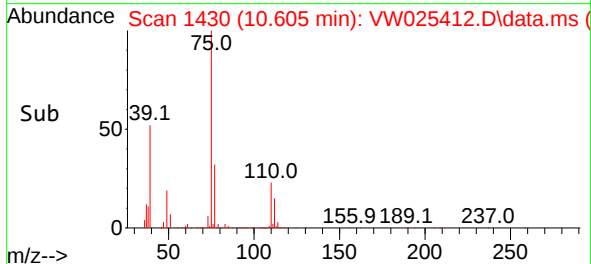
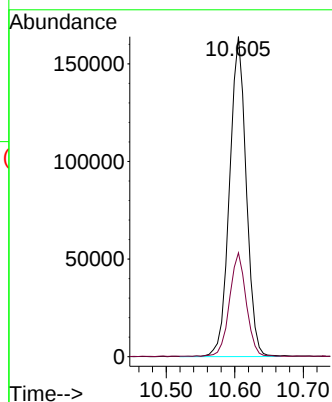
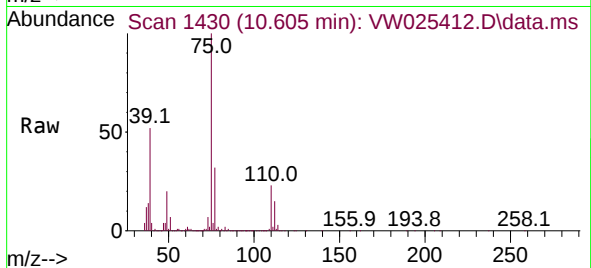




#44
trans-1,3-Dichloropropene
Concen: 21.336 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

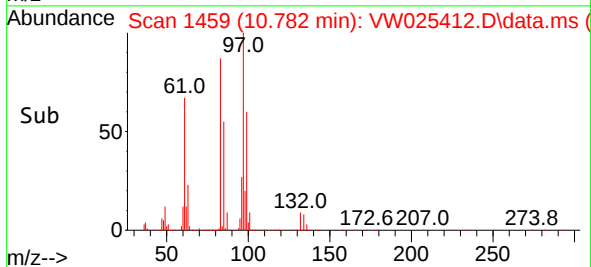
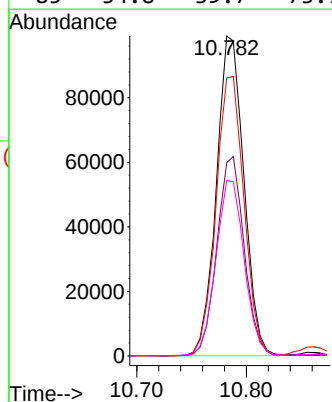
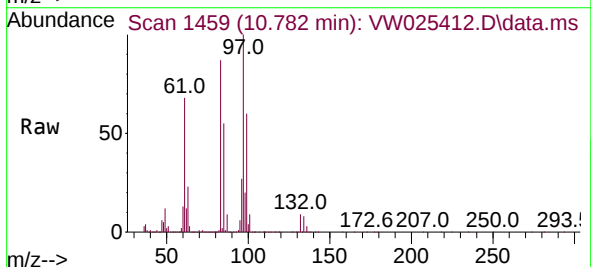
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD

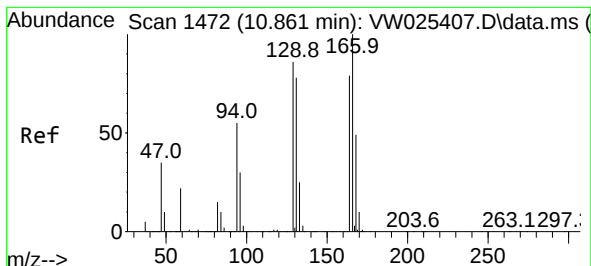
Tgt Ion: 75 Resp: 277429
Ion Ratio Lower Upper
75 100
77 32.5 22.3 41.3



#45
1,1,2-Trichloroethane
Concen: 23.868 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

Tgt Ion: 97 Resp: 172760
Ion Ratio Lower Upper
97 100
99 60.4 42.6 79.0
83 86.9 60.5 112.3
85 54.8 39.7 73.7





#46

Tetrachloroethene

Concen: 22.447 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

Instrument :

MSVOA_W

ClientSampleId :

DCAQ8MSD

Tgt Ion:164 Resp: 164141

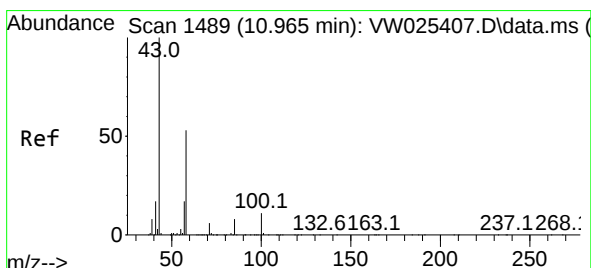
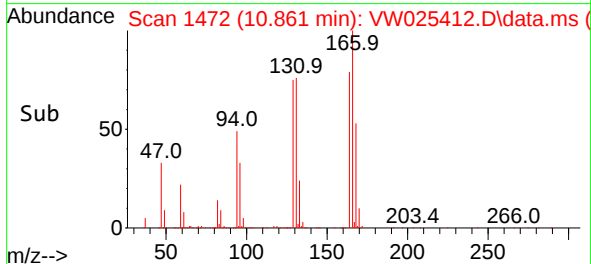
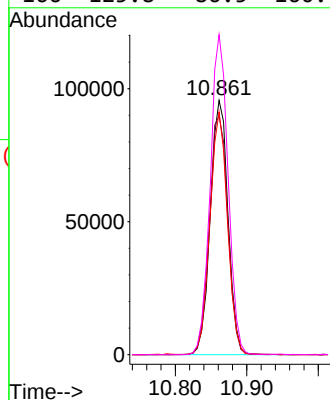
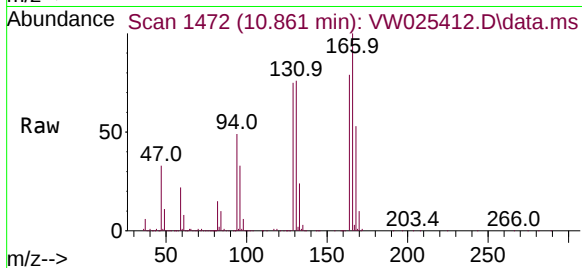
Ion Ratio Lower Upper

164 100

129 93.9 67.7 125.7

131 95.4 67.0 124.4

166 125.8 86.5 160.7



#48

2-Hexanone

Concen: 44.652 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

Tgt Ion: 43 Resp: 208101

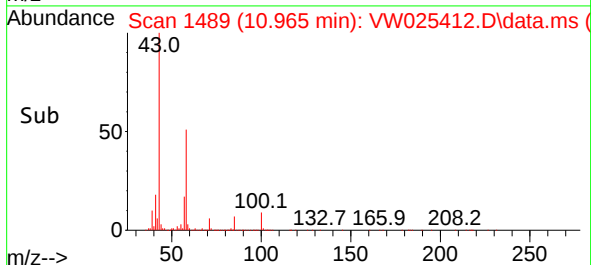
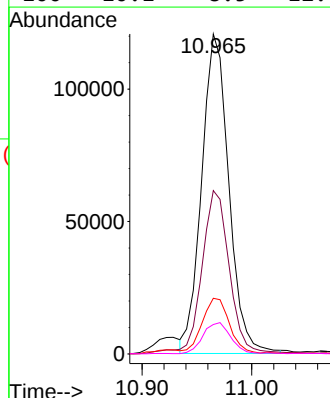
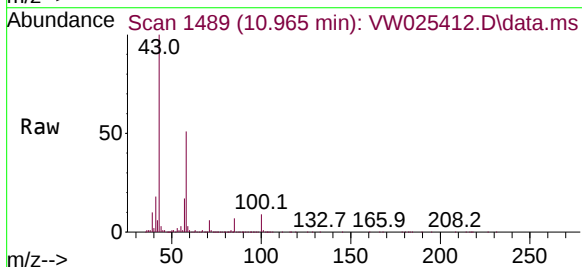
Ion Ratio Lower Upper

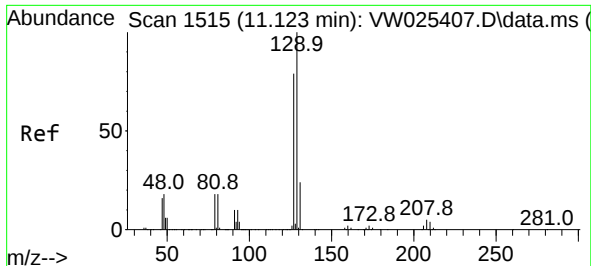
43 100

58 50.9 41.2 61.8

57 17.5 14.2 21.4

100 10.1 8.5 12.7





#49

Dibromochloromethane

Concen: 23.530 ug/L

RT: 11.130 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

Instrument :

MSVOA_W

ClientSampleId :

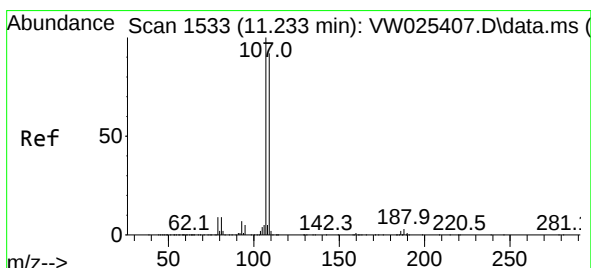
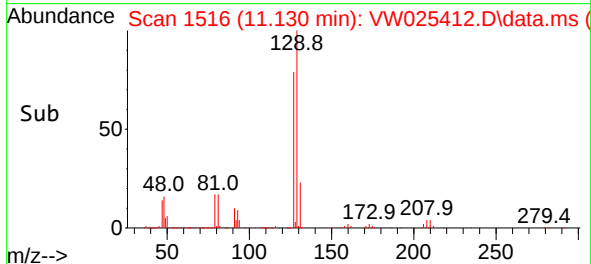
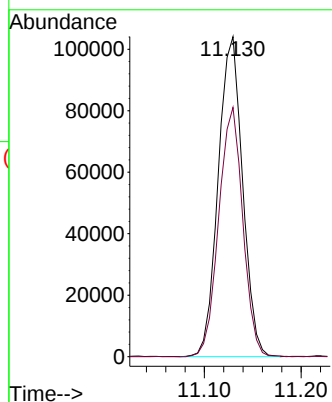
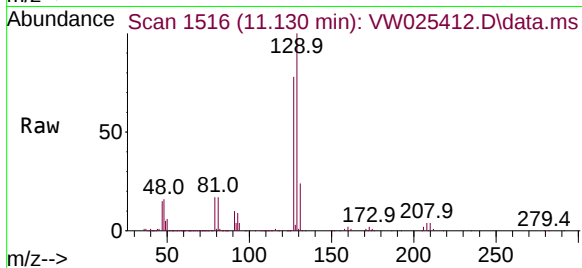
DCAQ8MSD

Tgt Ion:129 Resp: 181973

Ion Ratio Lower Upper

129 100

127 77.9 52.8 98.2



#50

1,2-Dibromoethane

Concen: 22.367 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

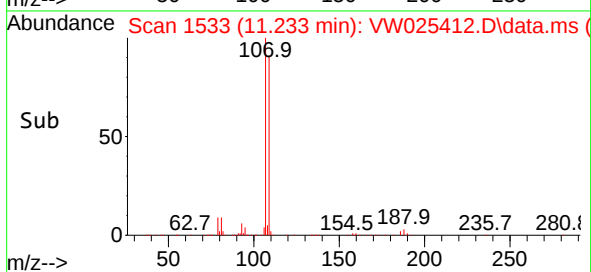
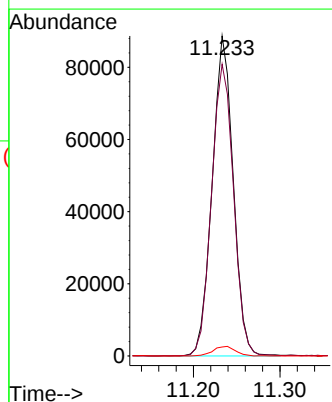
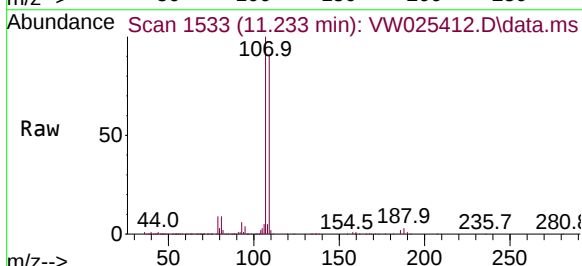
Tgt Ion:107 Resp: 149859

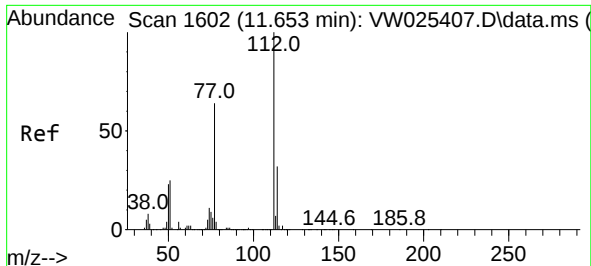
Ion Ratio Lower Upper

107 100

109 91.2 62.9 116.9

188 2.8 3.0 4.4#

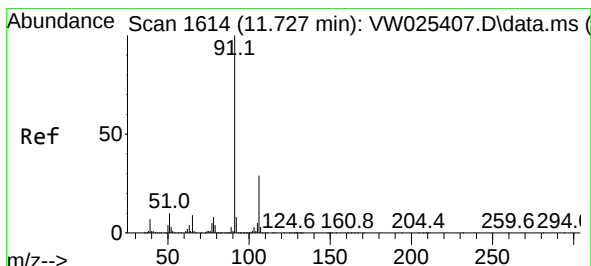
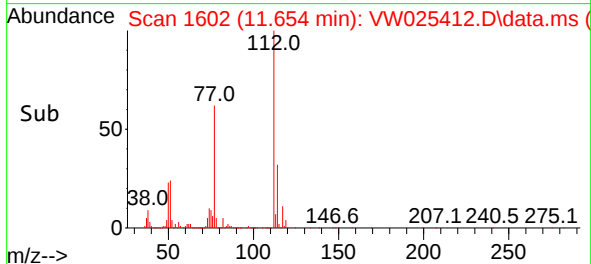
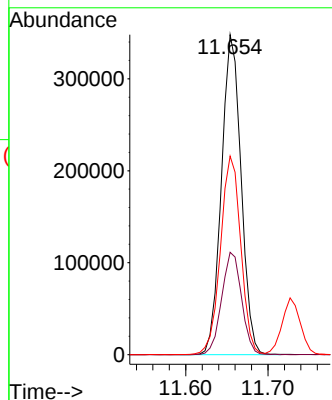
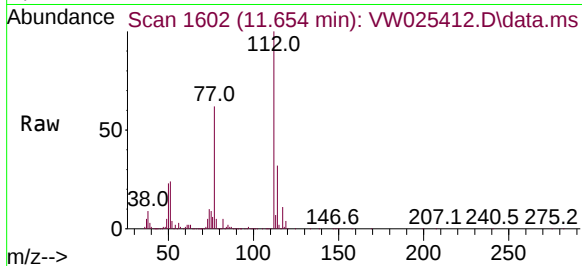




#51
Chlorobenzene
Concen: 22.537 ug/L
RT: 11.654 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

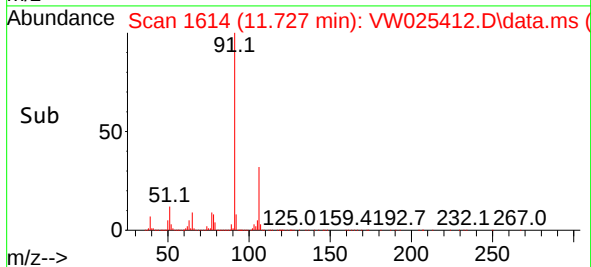
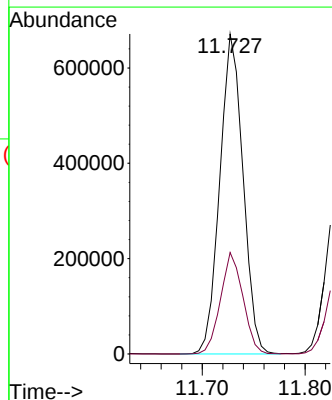
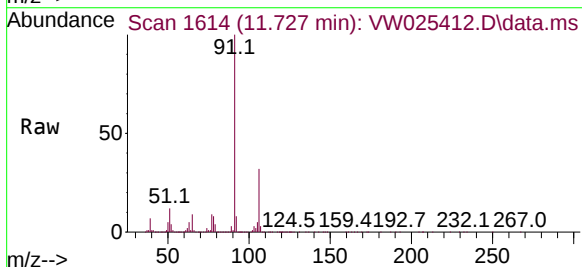
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD

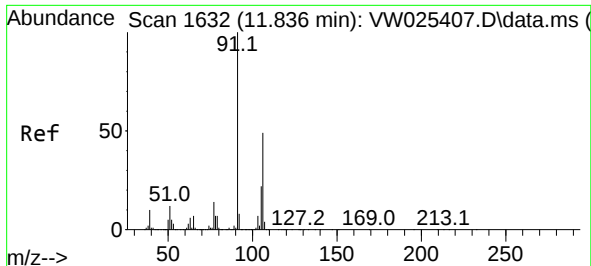
Tgt Ion:112 Resp: 578247
Ion Ratio Lower Upper
112 100
114 32.0 21.9 40.7
77 62.1 51.8 77.8



#52
Ethylbenzene
Concen: 22.805 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

Tgt Ion: 91 Resp: 1051494
Ion Ratio Lower Upper
91 100
106 31.7 22.0 41.0

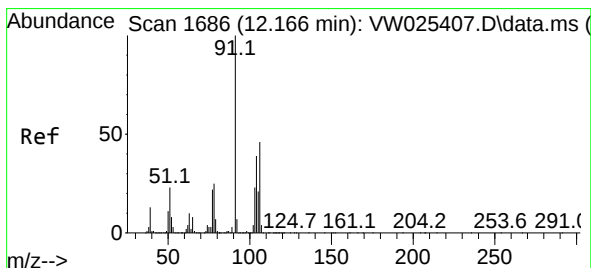
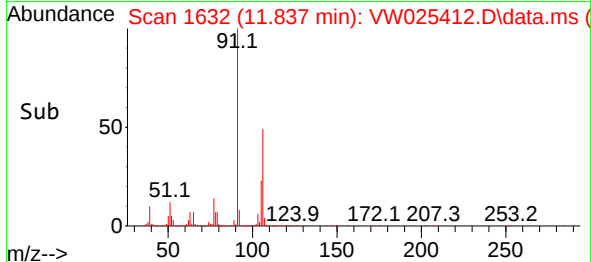
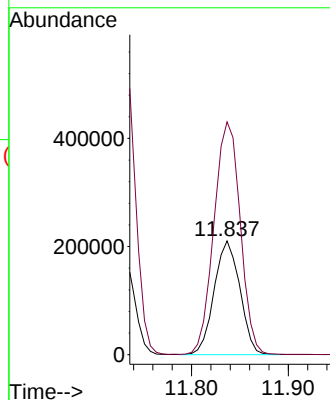
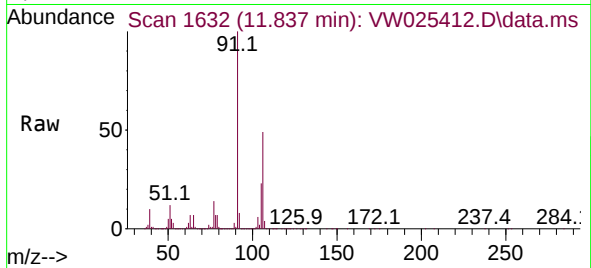




#53
m,p-Xylene
Concen: 22.864 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

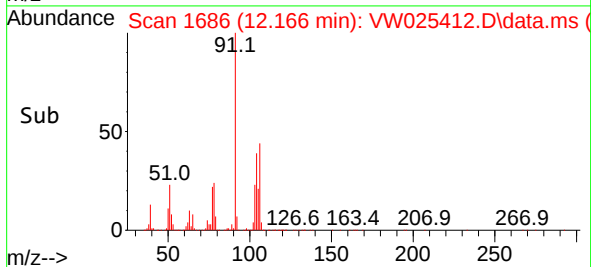
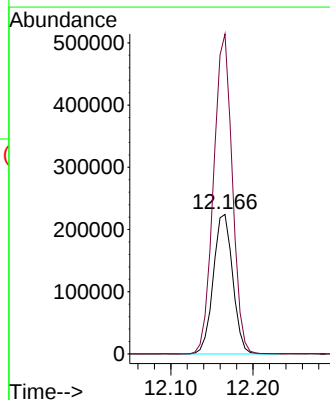
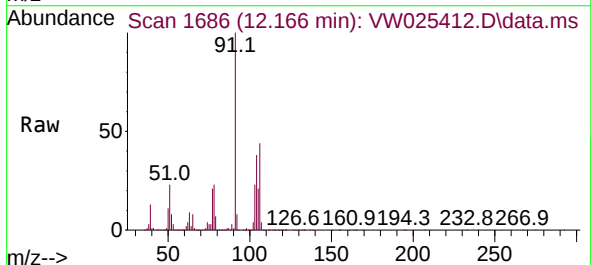
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD

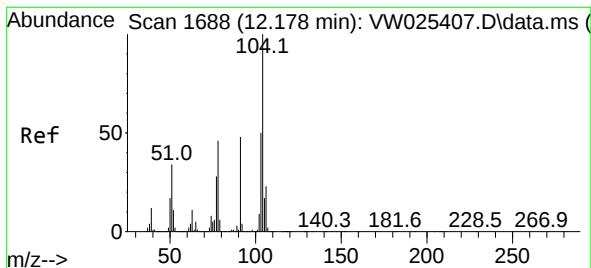
Tgt Ion:106 Resp: 388831
Ion Ratio Lower Upper
106 100
91 204.7 144.2 267.8



#54
o-Xylene
Concen: 22.988 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

Tgt Ion:106 Resp: 367877
Ion Ratio Lower Upper
106 100
91 229.3 154.6 287.2





#55

Styrene

Concen: 21.995 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

Instrument :

MSVOA_W

ClientSampleId :

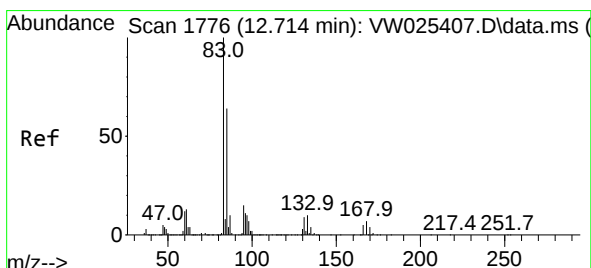
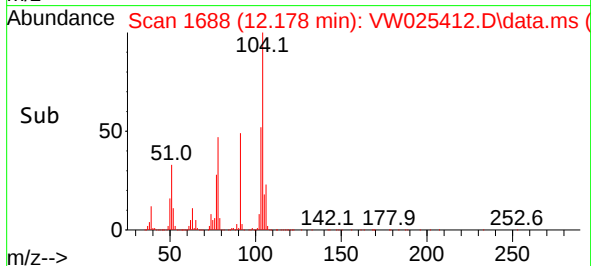
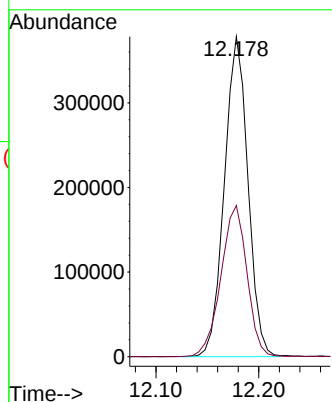
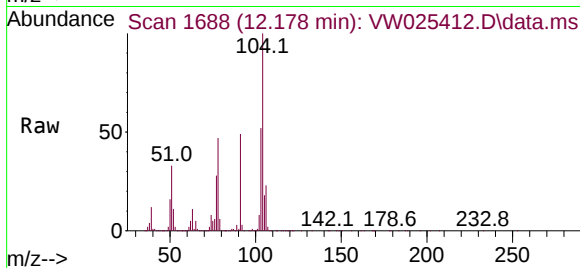
DCAQ8MSD

Tgt Ion:104 Resp: 601078

Ion Ratio Lower Upper

104 100

78 47.3 31.1 57.9



#57

1,1,2,2-Tetrachloroethane

Concen: 21.192 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

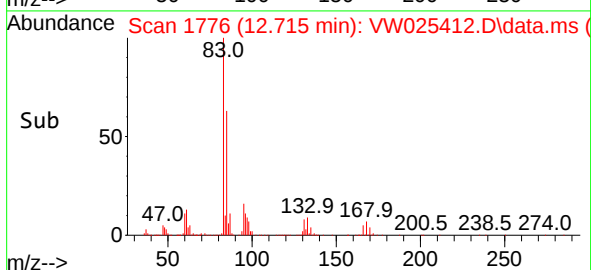
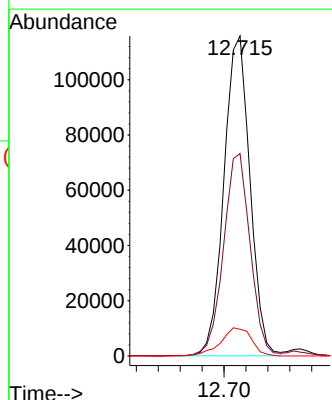
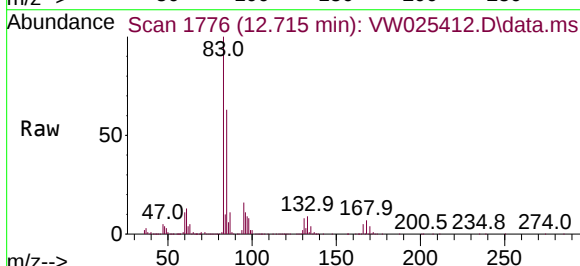
Tgt Ion: 83 Resp: 190804

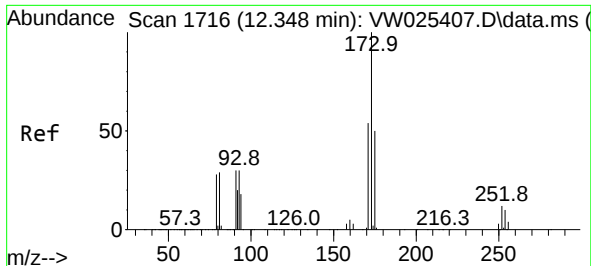
Ion Ratio Lower Upper

83 100

85 63.3 45.4 84.2

131 8.4 8.0 12.0

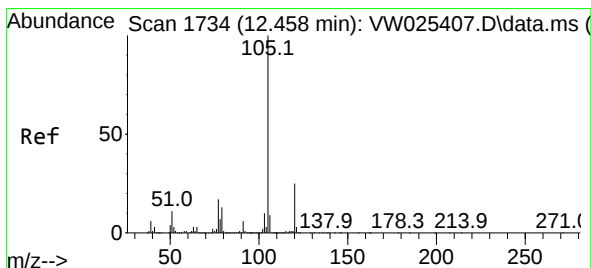
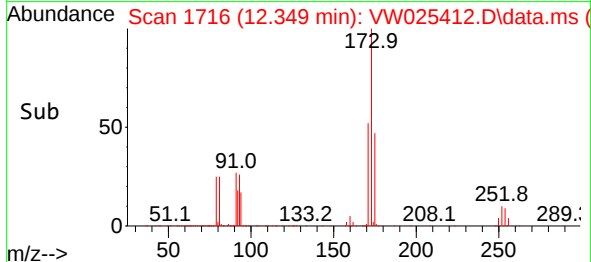
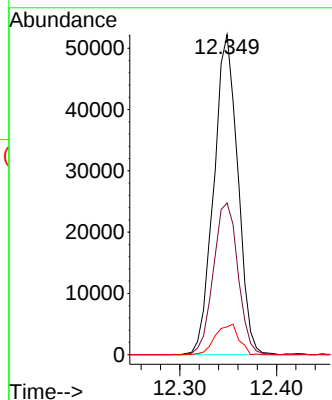
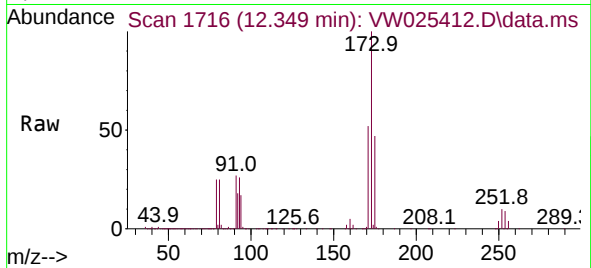




#59
Bromoform
Concen: 26.797 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

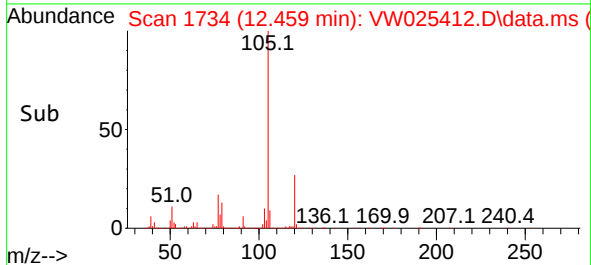
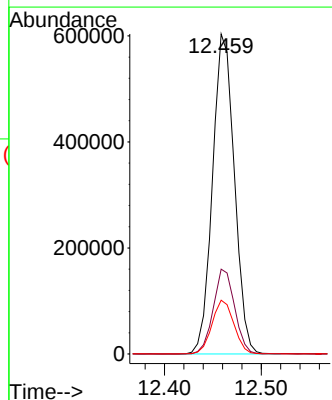
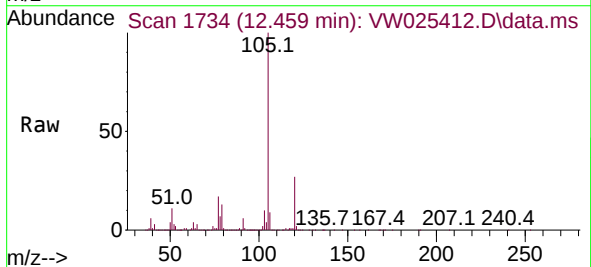
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD

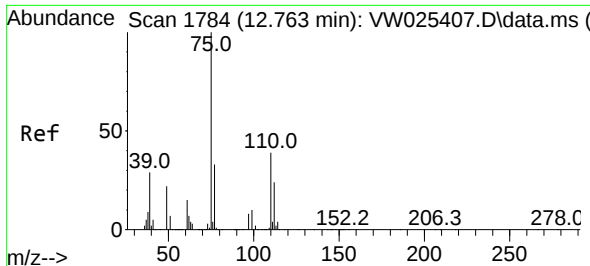
Tgt Ion:173 Resp: 89844
Ion Ratio Lower Upper
173 100
175 48.7 38.6 57.8
254 9.3 7.9 11.9



#60
Isopropylbenzene
Concen: 27.327 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

Tgt Ion:105 Resp: 946693
Ion Ratio Lower Upper
105 100
120 25.9 20.9 31.3
77 16.8 13.1 19.7





#61

1,2,3-Trichloropropane

Concen: 28.067 ug/L

RT: 12.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

Instrument :

MSVOA_W

ClientSampleId :

DCAQ8MSD

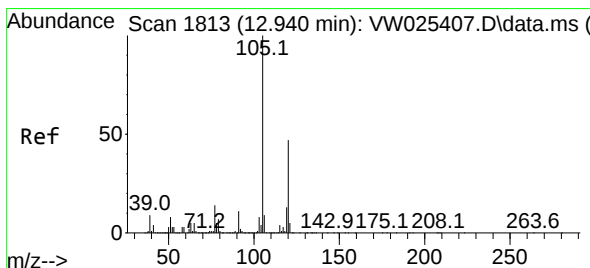
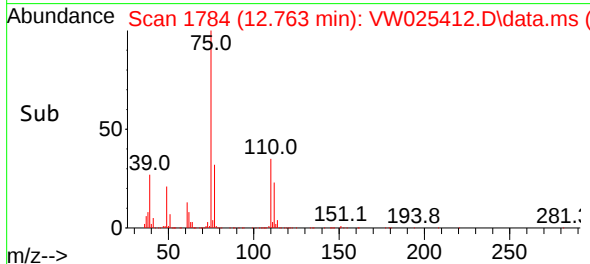
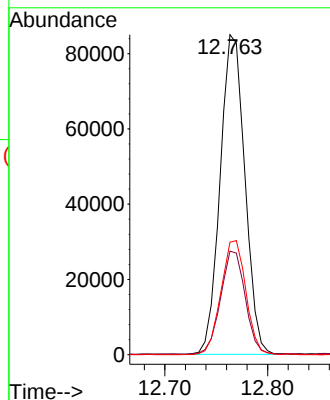
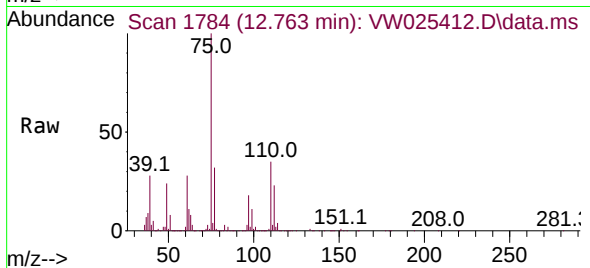
Tgt Ion: 75 Resp: 142107

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2

110 36.0 28.9 43.3



#62

1,3,5-Trimethylbenzene

Concen: 26.217 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW025412.D

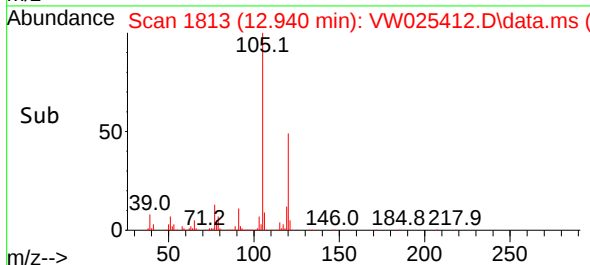
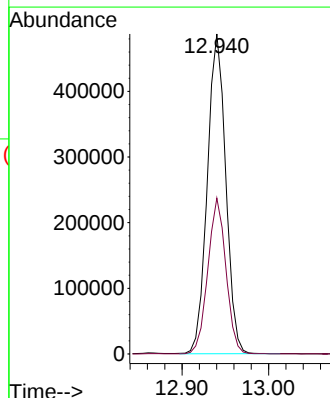
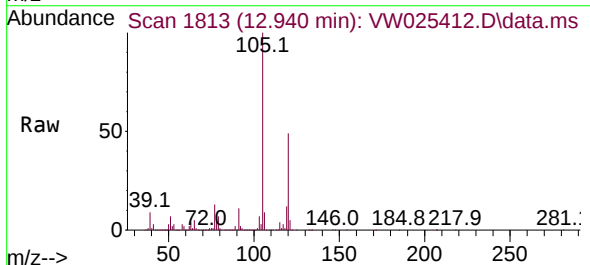
Acq: 17 Mar 2023 12:04

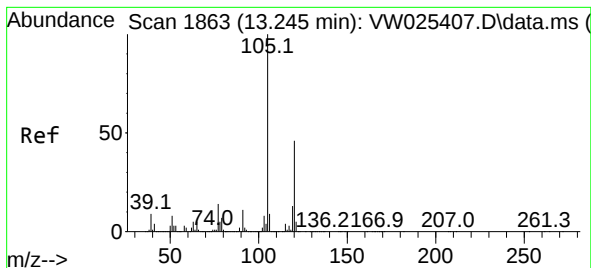
Tgt Ion: 105 Resp: 719304

Ion Ratio Lower Upper

105 100

120 47.8 39.3 58.9

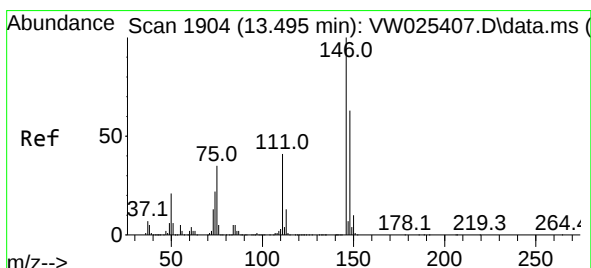
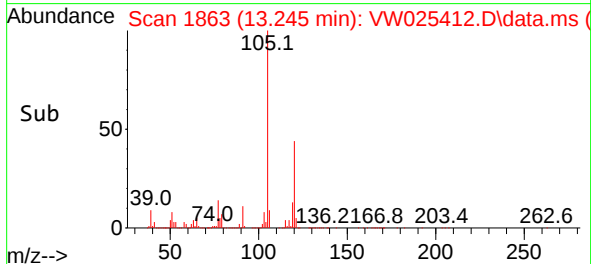
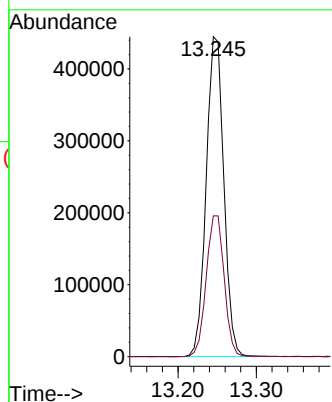
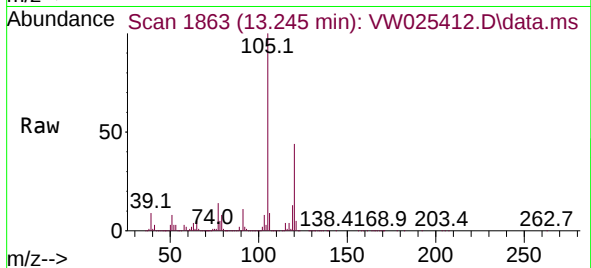




#63
1,2,4-Trimethylbenzene
Concen: 25.654 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

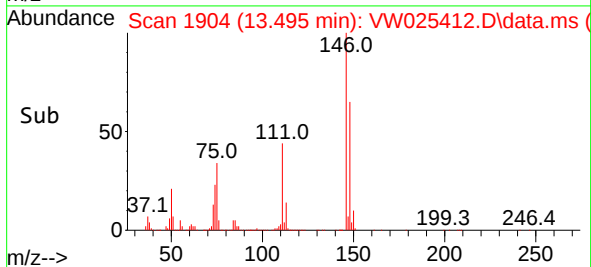
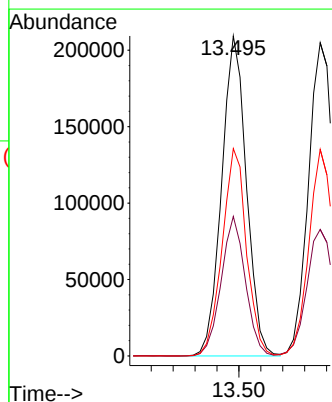
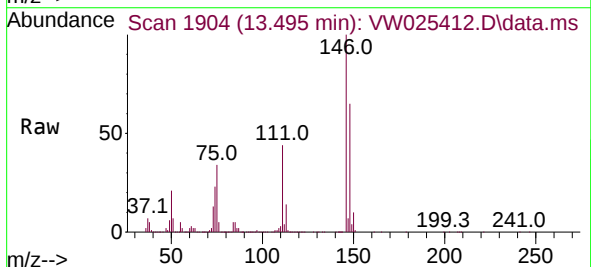
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD

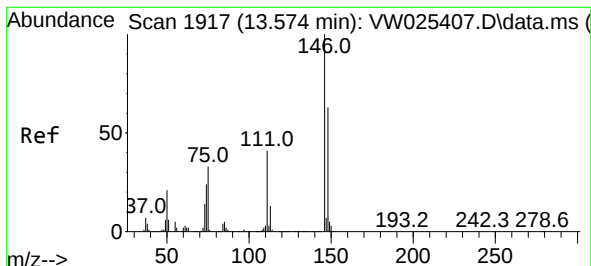
Tgt Ion:105 Resp: 693388
Ion Ratio Lower Upper
105 100
120 45.0 36.0 54.0



#64
1,3-Dichlorobenzene
Concen: 22.379 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

Tgt Ion:146 Resp: 328506
Ion Ratio Lower Upper
146 100
111 43.6 29.7 55.1
148 64.8 44.2 82.2





#65

1,4-Dichlorobenzene

Concen: 22.041 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

Instrument :

MSVOA_W

ClientSampleId :

DCAQ8MSD

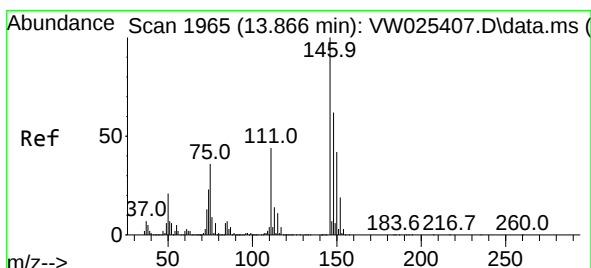
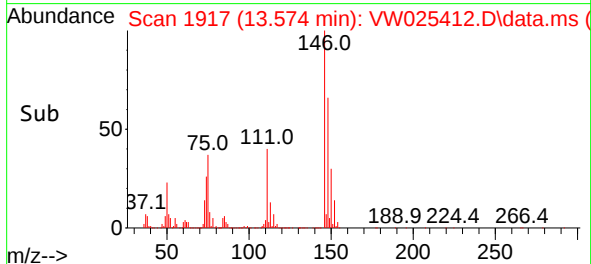
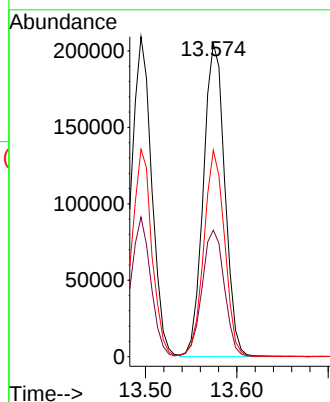
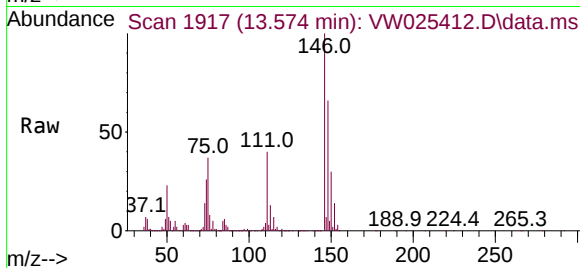
Tgt Ion:146 Resp: 331875

Ion Ratio Lower Upper

146 100

111 40.4 28.2 52.4

148 65.9 39.8 73.8



#67

1,2-Dichlorobenzene

Concen: 22.182 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025412.D

Acq: 17 Mar 2023 12:04

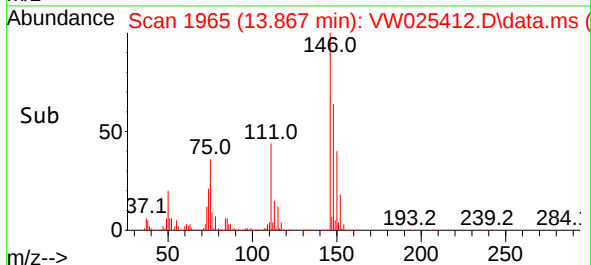
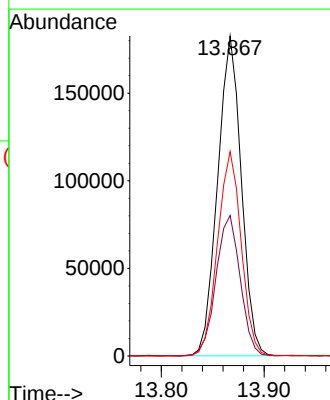
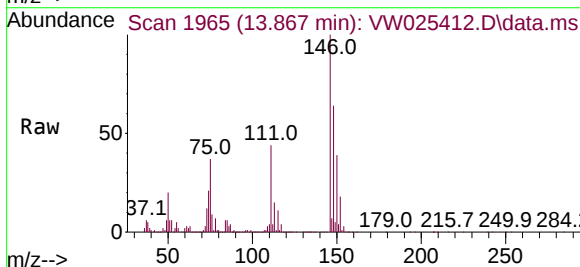
Tgt Ion:146 Resp: 292041

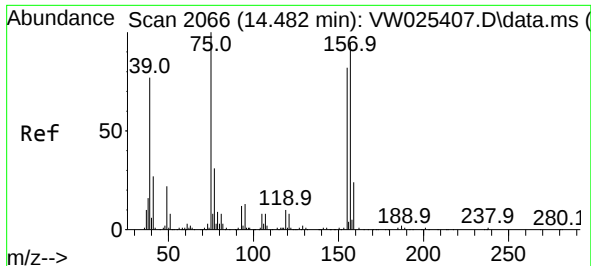
Ion Ratio Lower Upper

146 100

111 43.9 36.6 54.8

148 63.9 53.4 80.2

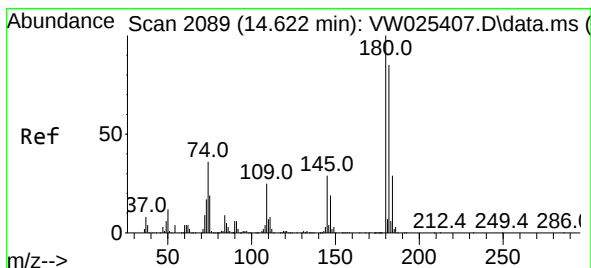
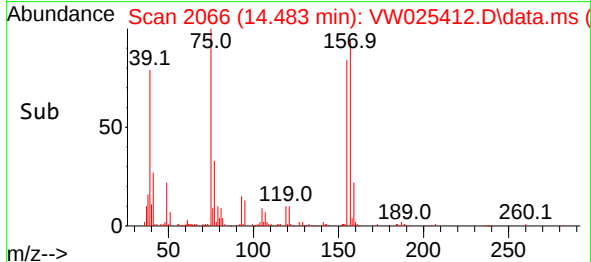
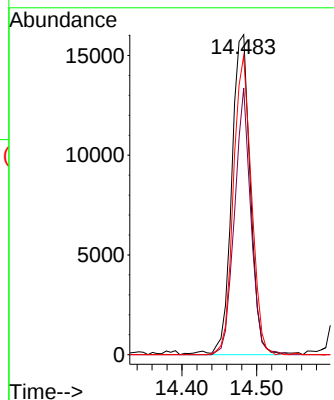
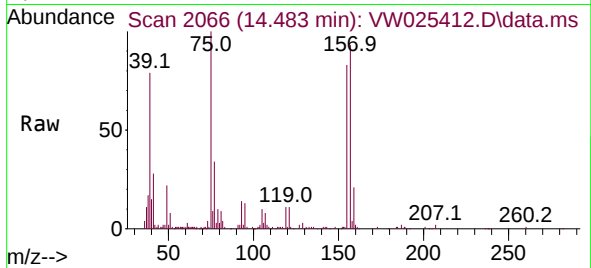




#68
 1,2-Dibromo-3-chloropropane
 Concen: 23.595 ug/L
 RT: 14.483 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VW025412.D
 Acq: 17 Mar 2023 12:04

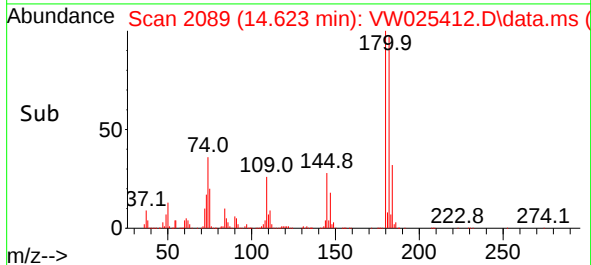
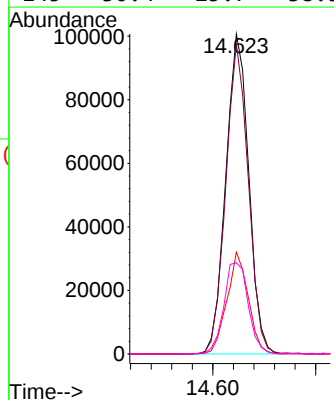
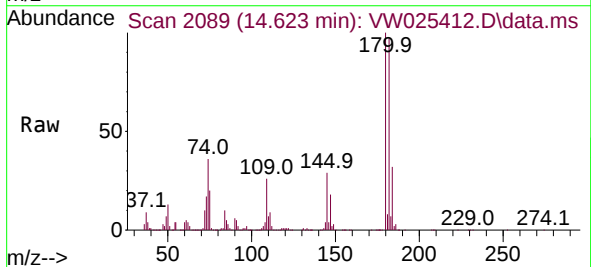
Instrument :
 MSVOA_W
 ClientSampleId :
 DCAQ8MSD

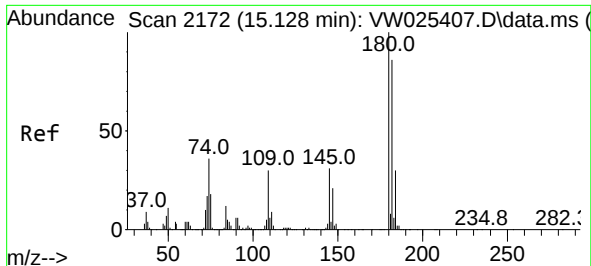
Tgt Ion: 75 Resp: 27657
 Ion Ratio Lower Upper
 75 100
 155 83.3 55.4 83.0#
 157 93.4 75.3 112.9



#69
 1,3,5-Trichlorobenzene
 Concen: 15.643 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW025412.D
 Acq: 17 Mar 2023 12:04

Tgt Ion:180 Resp: 156093
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.1 115.7
 184 29.6 24.7 37.1
 145 30.4 25.7 38.5

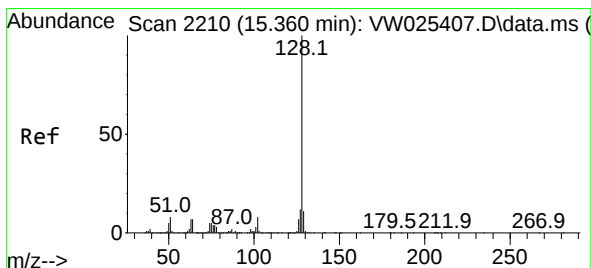
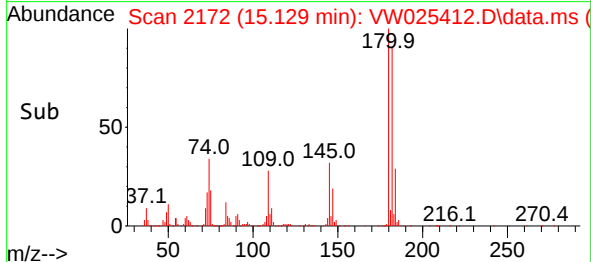
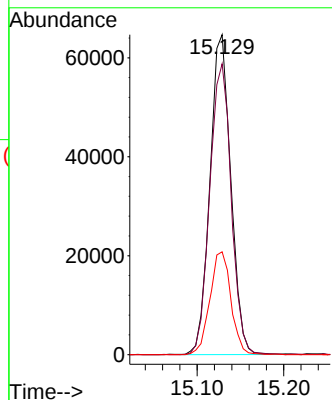
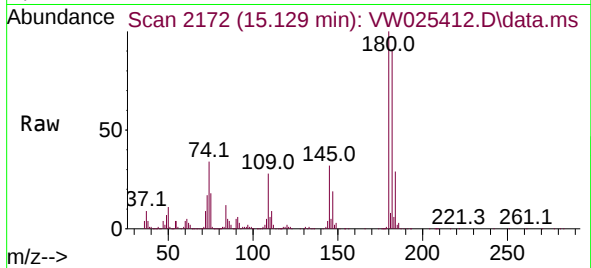




#70
1,2,4-trichlorobenzene
Concen: 13.094 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

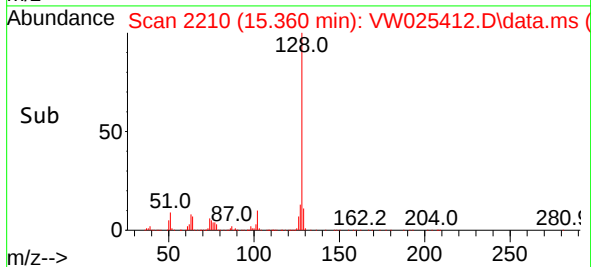
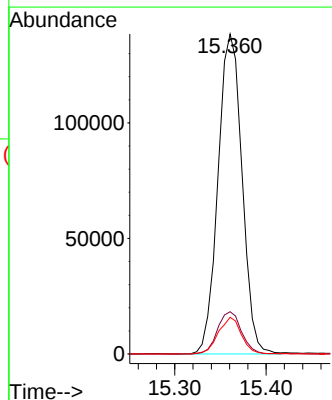
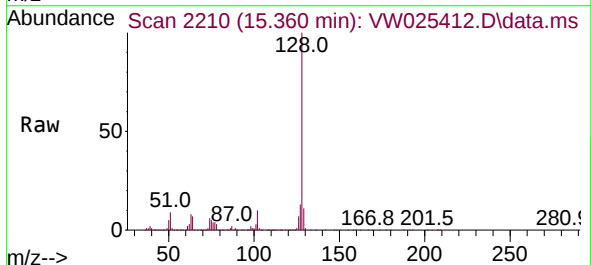
Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MSD

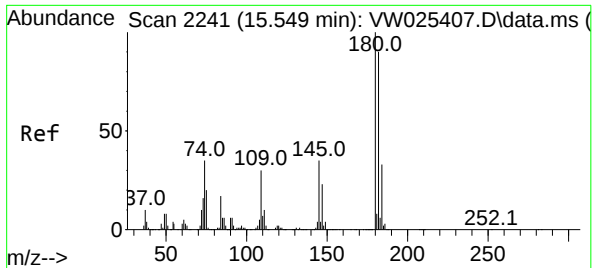
Tgt Ion:180 Resp: 108330
Ion Ratio Lower Upper
180 100
182 93.4 75.5 113.3
145 32.4 25.2 37.8



#71
Naphthalene
Concen: 15.493 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW025412.D
Acq: 17 Mar 2023 12:04

Tgt Ion:128 Resp: 253021
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.0 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 12.324 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW025412.D
 Acq: 17 Mar 2023 12:04

Instrument :
 MSVOA_W
 ClientSampleId :
 DCAQ8MSD

Tgt Ion:	180	Resp:	91585
Ion Ratio	Lower	Upper	
180	100		
182	90.8	76.6	114.8
145	32.6	27.7	41.5

