

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031723\
 Data File : VW025407.D
 Acq On : 17 Mar 2023 09:26
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025550

Quant Time: Mar 17 21:36:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 17 01:35:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	826162	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	718067	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	360307	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	288939	21.034	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.120%
7) Chloroethane-d5	2.899	69	220744	22.333	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.320%
11) 1,1-Dichloroethene-d2	4.027	63	610573	23.013	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.040%
21) 2-Butanone-d5	7.075	46	150984	44.779	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.560%
24) Chloroform-d	7.648	84	573134	24.064	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.240%
26) 1,2-Dichloroethane-d4	8.307	65	298366	23.340	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.360%
32) Benzene-d6	8.276	84	1161253	23.668	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.680%
36) 1,2-Dichloropropane-d6	9.270	67	364888	24.039	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.160%
41) Toluene-d8	10.324	98	1021494	23.613	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.440%
43) trans-1,3-Dichloroprop...	10.574	79	138923	22.985	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.920%
47) 2-Hexanone-d5	10.922	63	101120	46.329	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	255805	23.003	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	310087	23.143	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	195293	20.684	ug/L	97
3) Chloromethane	2.228	50	290678	25.886	ug/L	97
5) Vinyl chloride	2.375	62	322131	25.392	ug/L	97
6) Bromomethane	2.795	94	170926	25.272	ug/L	98
8) Chloroethane	2.936	64	190486	26.125	ug/L	97
9) Trichlorofluoromethane	3.271	101	252138	22.962	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	268239	25.190	ug/L #	75
12) 1,1-Dichloroethene	4.045	96	264939	25.716	ug/L	92
13) Acetone	4.124	43	164567	50.772	ug/L	100
14) Carbon disulfide	4.393	76	846228	26.418	ug/L	99
15) Methyl Acetate	4.673	43	133658	21.981	ug/L	97
16) Methylene chloride	4.917	84	280586	24.390	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	269170	24.923	ug/L	90
18) Methyl tert-butyl Ether	5.429	73	384834	23.669	ug/L	99
19) 1,1-Dichloroethane	6.215	63	562054	25.131	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	292061	24.699	ug/L #	94
22) 2-Butanone	7.173	43	192943	46.016	ug/L	100
23) Bromochloromethane	7.514	128	118992	23.401	ug/L	93
25) Chloroform	7.679	83	524160	24.931	ug/L	100

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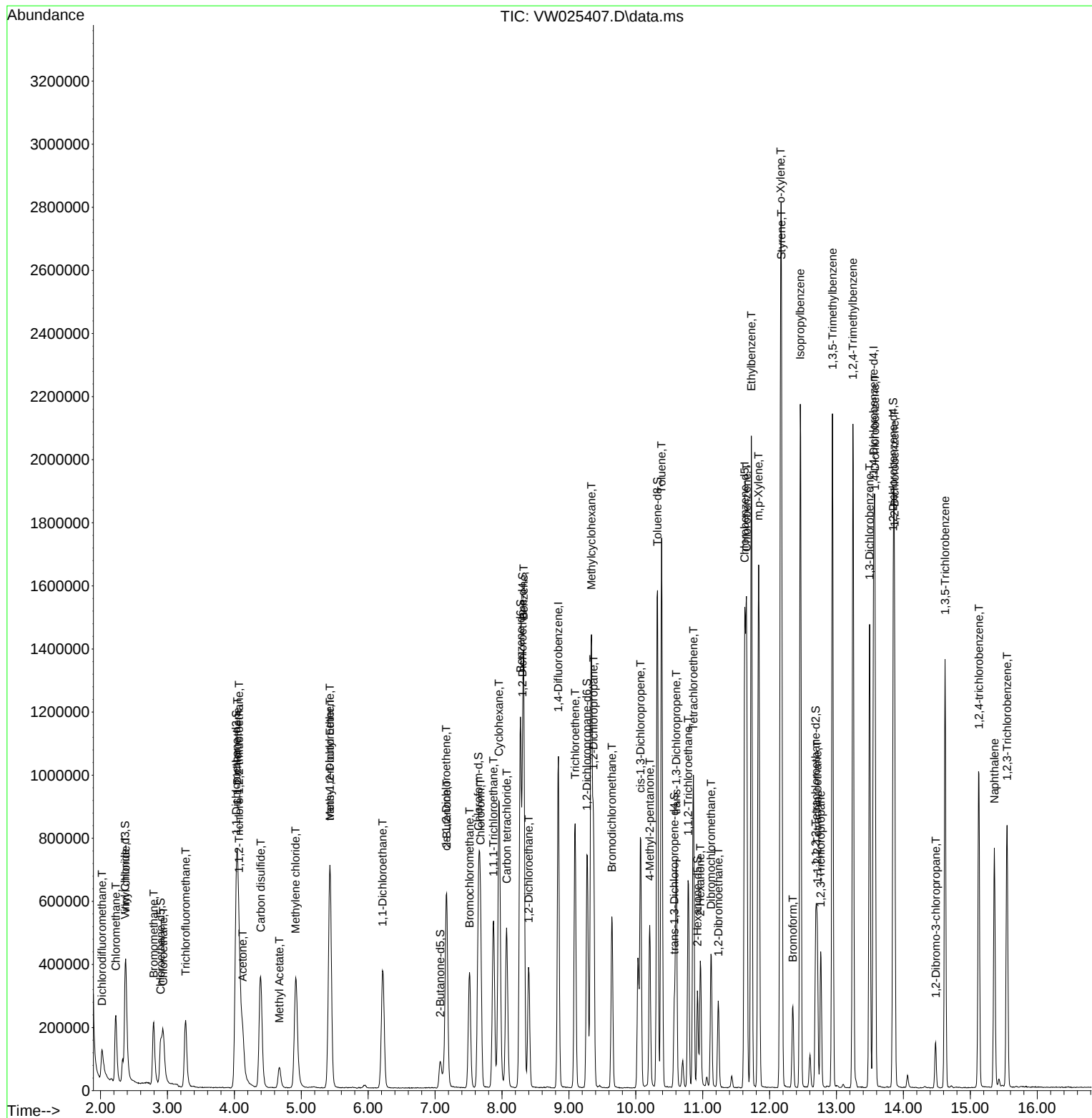
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	347843	24.792	ug/L	100
29) Cyclohexane	7.953	56	546387	26.957	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	421143	24.672	ug/L	98
31) Carbon tetrachloride	8.069	117	378475	24.735	ug/L	97
33) Benzene	8.325	78	1183293	25.775	ug/L	100
34) Trichloroethene	9.093	95	301805	25.047	ug/L	96
35) Methylcyclohexane	9.337	83	552361	26.611	ug/L	99
37) 1,2-Dichloropropane	9.367	63	315554	24.970	ug/L	99
38) Bromodichloromethane	9.642	83	365705	24.814	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	459855	25.259	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	358057	47.142	ug/L	100
42) Toluene	10.385	91	1222316	25.787	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	382387	25.081	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	200229	23.594	ug/L	98
46) Tetrachloroethene	10.861	164	213534	24.906	ug/L	94
48) 2-Hexanone	10.965	43	265064	48.507	ug/L	99
49) Dibromochloromethane	11.123	129	218528	24.099	ug/L	96
50) 1,2-Dibromoethane	11.233	107	184617	23.501	ug/L	97
51) Chlorobenzene	11.653	112	734317	24.409	ug/L	99
52) Ethylbenzene	11.727	91	1394558	25.796	ug/L	96
53) m,p-Xylene	11.836	106	518306	25.994	ug/L	98
54) o-Xylene	12.166	106	483795	25.784	ug/L	98
55) Styrene	12.178	104	844377	26.353	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	241946	22.919	ug/L	99
59) Bromoform	12.348	173	113991	21.928	ug/L	97
60) Isopropylbenzene	12.458	105	1354925	25.226	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	176794	22.521	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1095250	25.747	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	1090464	26.021	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	546842	24.027	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	558792	23.936	ug/L	94
67) 1,2-Dichlorobenzene	13.866	146	493750	24.188	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	36847	20.275	ug/L	93
69) 1,3,5-Trichlorobenzene	14.622	180	380473	24.592	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	308275	24.032	ug/L	98
71) Naphthalene	15.360	128	603797	23.846	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	260264	22.589	ug/L	100

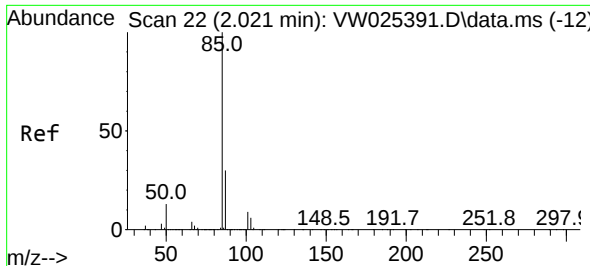
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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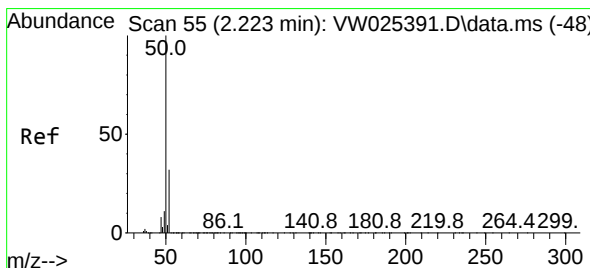
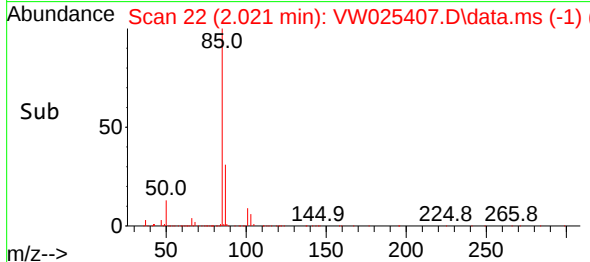
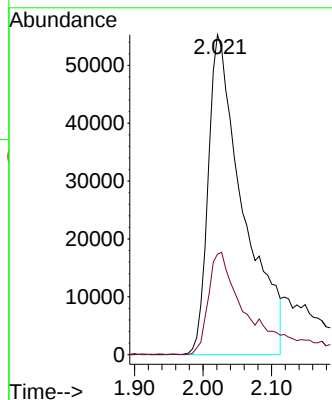
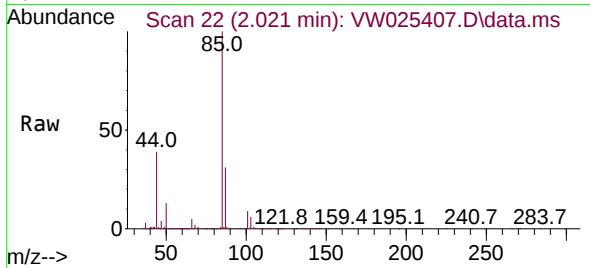




#2
Dichlorodifluoromethane
Concen: 20.684 ug/L
RT: 2.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

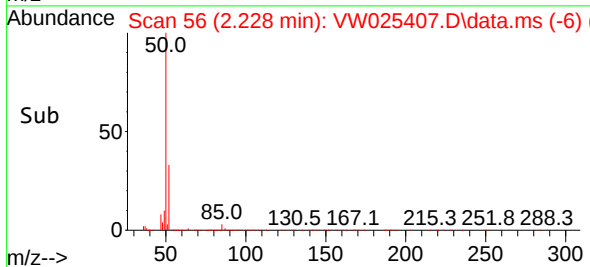
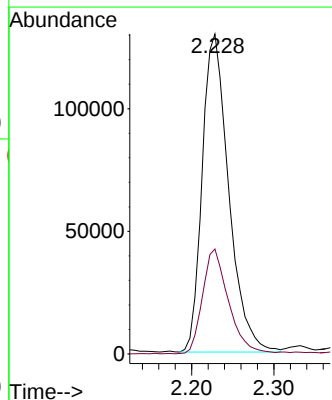
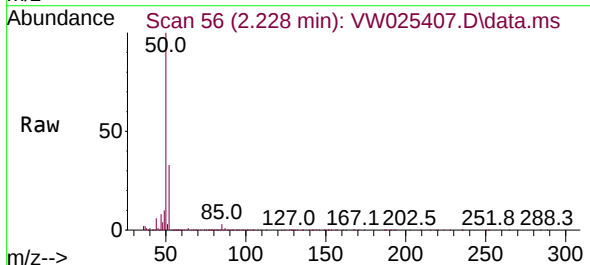
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

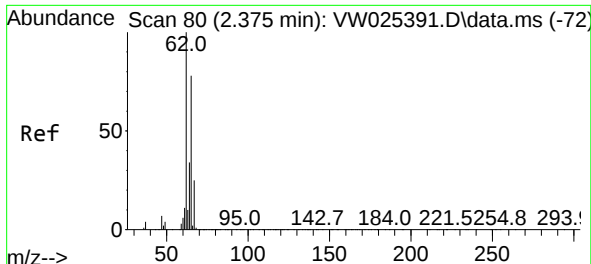
Tgt Ion: 85 Resp: 195293
Ion Ratio Lower Upper
85 100
87 27.2 20.5 30.7



#3
Chloromethane
Concen: 25.886 ug/L
RT: 2.228 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

Tgt Ion: 50 Resp: 290678
Ion Ratio Lower Upper
50 100
52 32.8 21.9 40.7

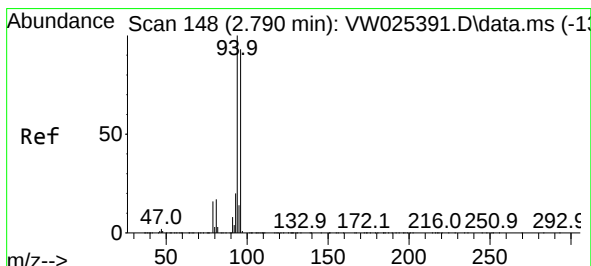
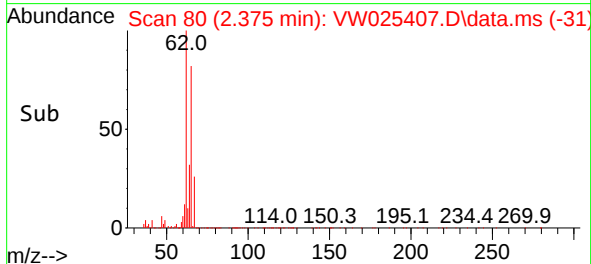
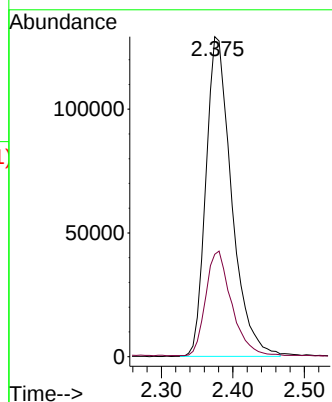
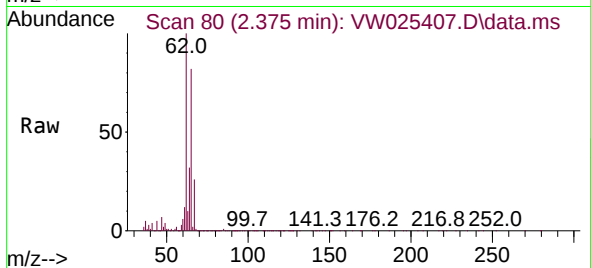




#5
 Vinyl chloride
 Concen: 25.392 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025407.D
 Acq: 17 Mar 2023 09:26

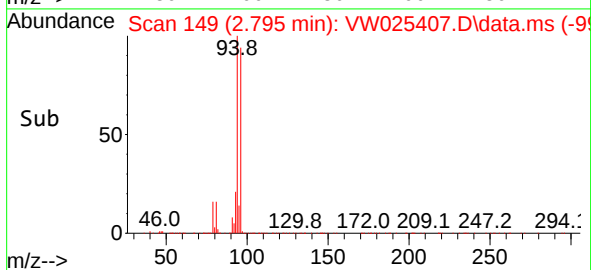
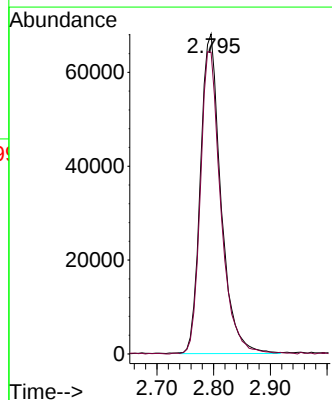
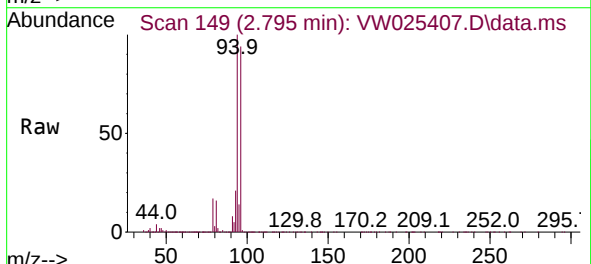
Instrument :
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 ClientSampleId :
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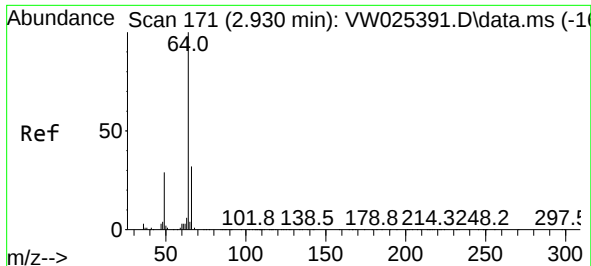
Tgt Ion: 62 Resp: 322131
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.4 43.6



#6
 Bromomethane
 Concen: 25.272 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW025407.D
 Acq: 17 Mar 2023 09:26

Tgt Ion: 94 Resp: 170926
 Ion Ratio Lower Upper
 94 100
 96 94.3 64.5 119.9

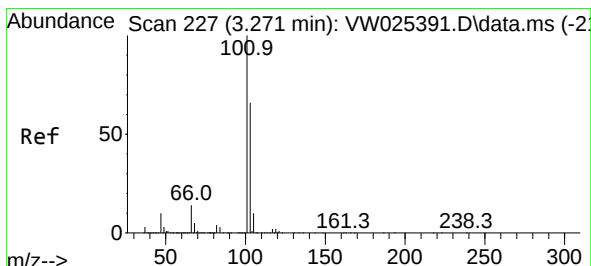
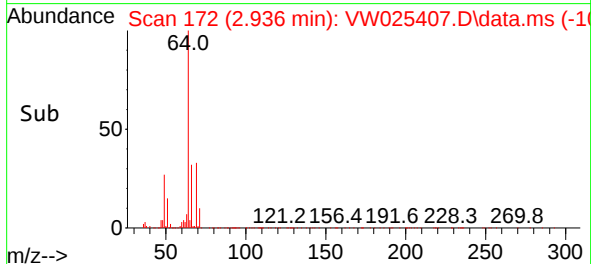
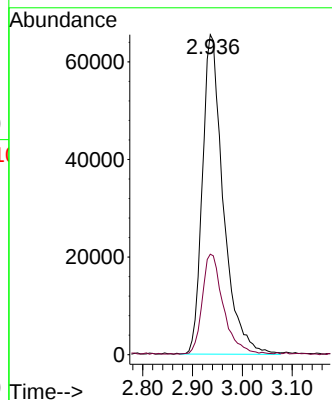
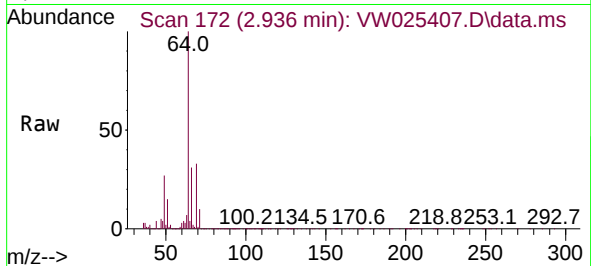




#8
Chloroethane
Concen: 26.125 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

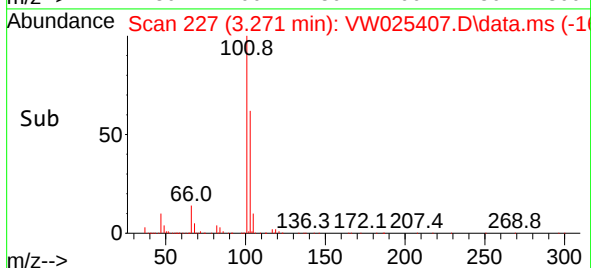
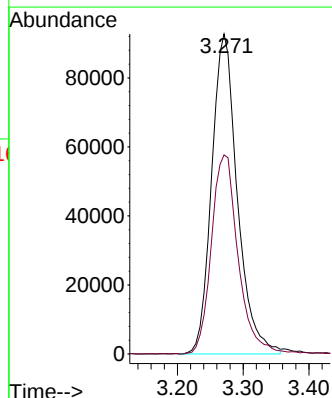
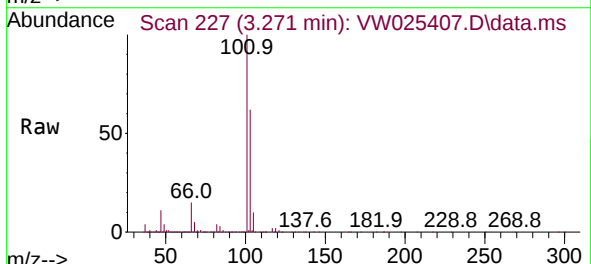
Instrument :
MSVOA_W
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VSTD025550

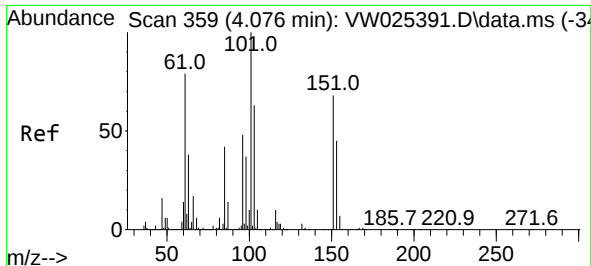
Tgt Ion: 64 Resp: 190486
Ion Ratio Lower Upper
64 100
66 31.4 23.3 43.3



#9
Trichlorofluoromethane
Concen: 22.962 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

Tgt Ion: 101 Resp: 252138
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3





#10

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

Concen: 25.190 ug/L

RT: 4.069 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW025407.D

Acq: 17 Mar 2023 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025550

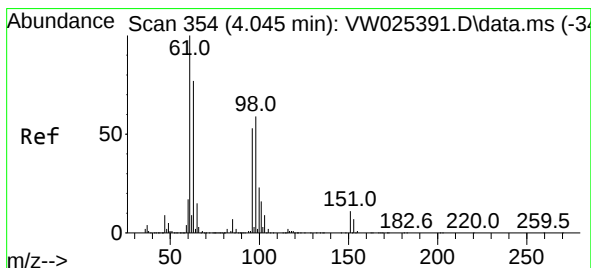
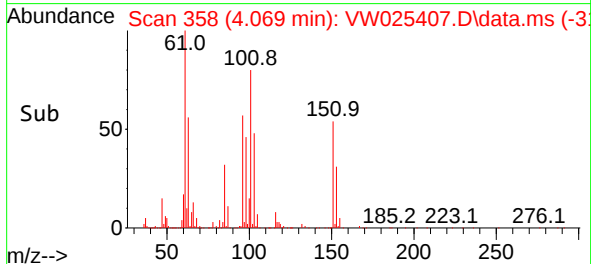
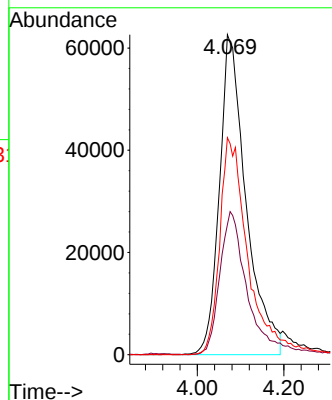
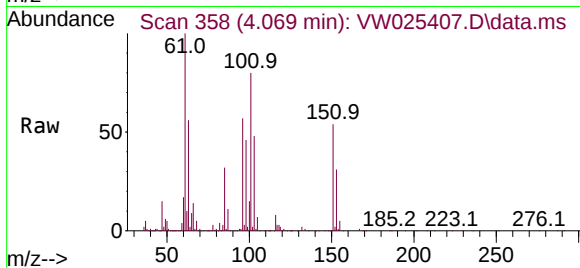
Tgt Ion:101 Resp: 268239

Ion Ratio Lower Upper

101 100

85 45.1 35.8 53.8

151 34.0 54.2 81.2#



#12

1,1-Dichloroethene

Concen: 25.716 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW025407.D

Acq: 17 Mar 2023 09:26

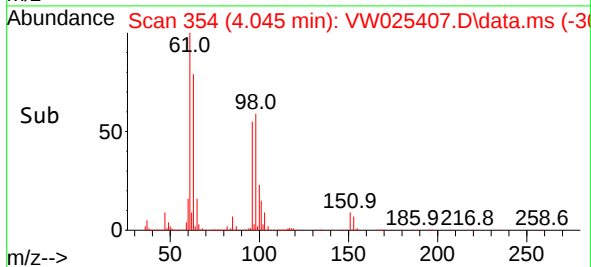
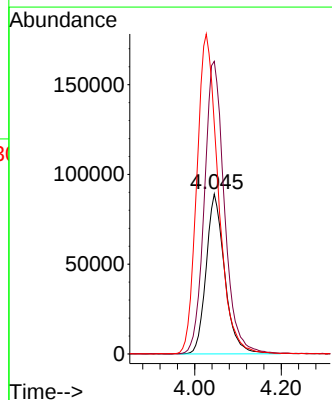
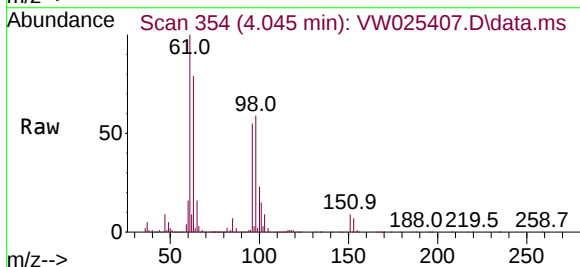
Tgt Ion: 96 Resp: 264939

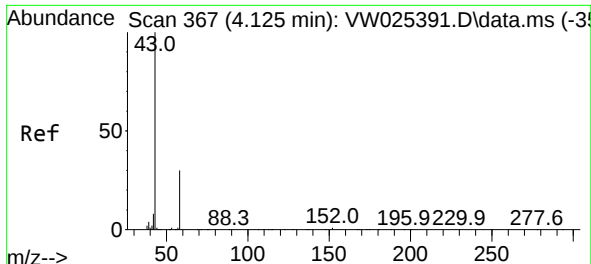
Ion Ratio Lower Upper

96 100

61 183.0 130.7 242.7

63 143.8 88.3 164.1

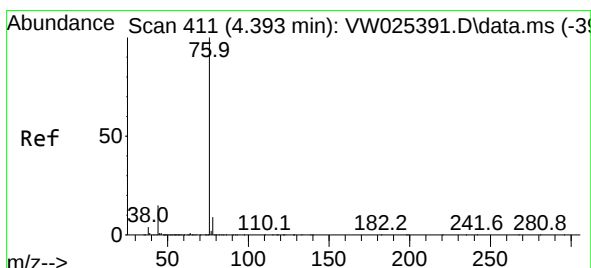
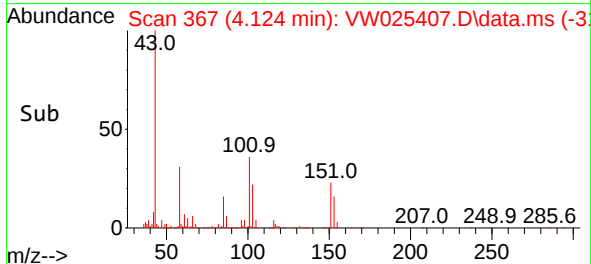
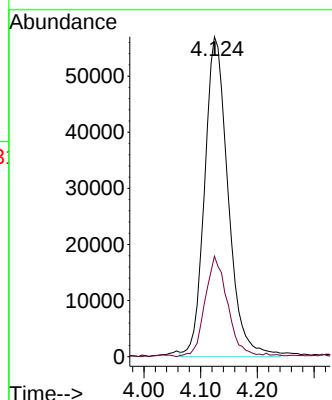
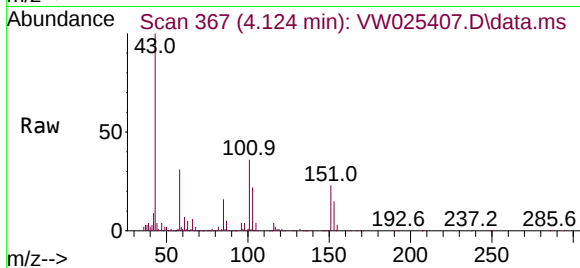




#13
Acetone
Concen: 50.772 ug/L
RT: 4.124 min Scan# 367
Delta R.T. -0.000 min
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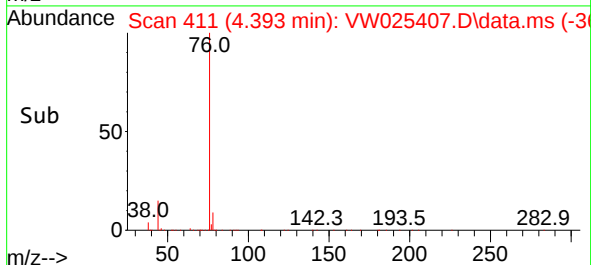
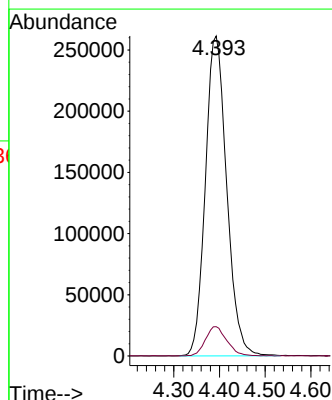
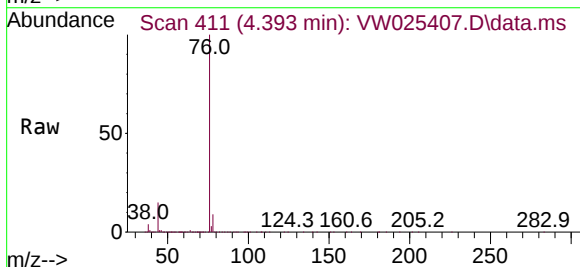
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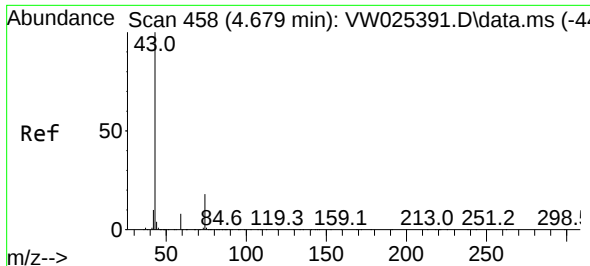
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Ion Ratio Lower Upper
43 100
58 30.1 0.0 60.0



#14
Carbon disulfide
Concen: 26.418 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Acq: 17 Mar 2023 09:26

Tgt Ion: 76 Resp: 846228
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4

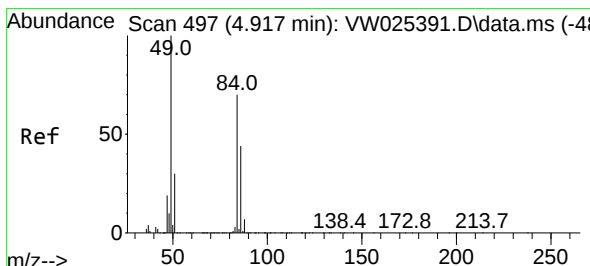
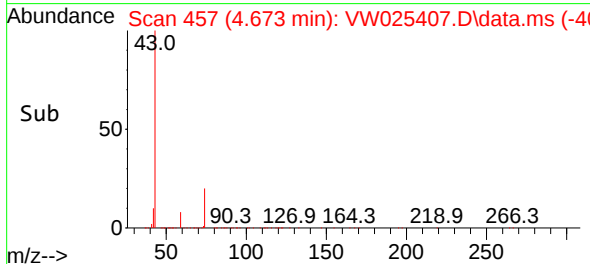
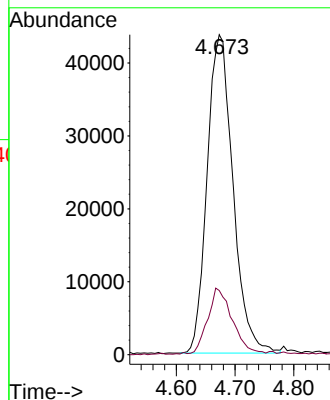
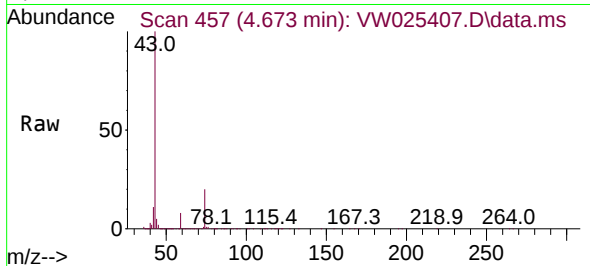




#15
Methyl Acetate
Concen: 21.981 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

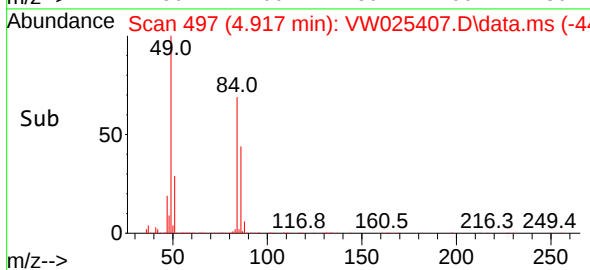
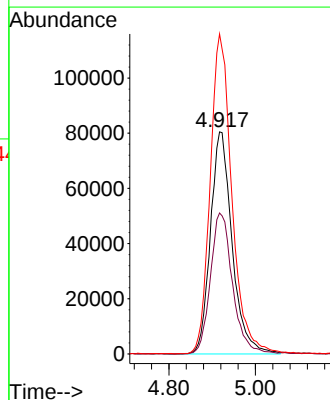
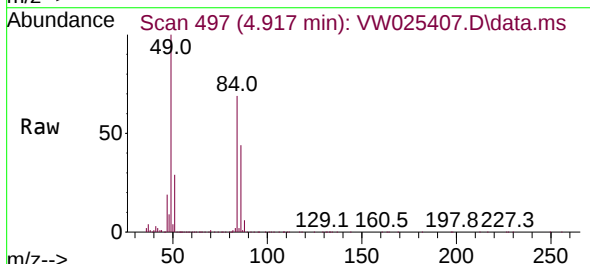
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

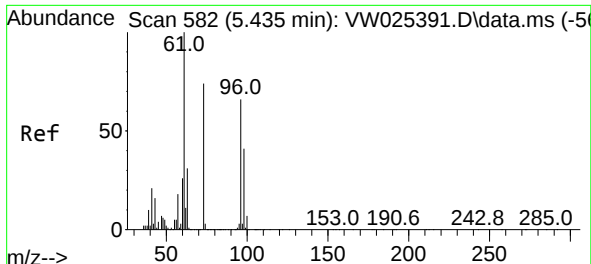
Tgt Ion: 43 Resp: 133658
Ion Ratio Lower Upper
43 100
74 19.8 17.0 25.4



#16
Methylene chloride
Concen: 24.390 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

Tgt Ion: 84 Resp: 280586
Ion Ratio Lower Upper
84 100
86 63.5 45.1 83.7
49 144.1 94.7 175.9

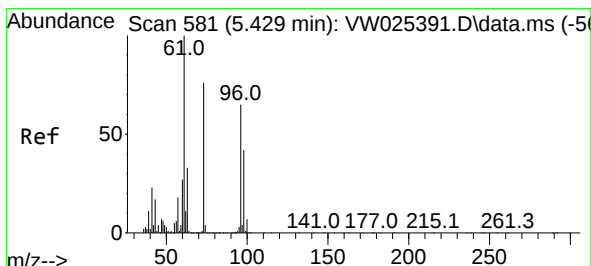
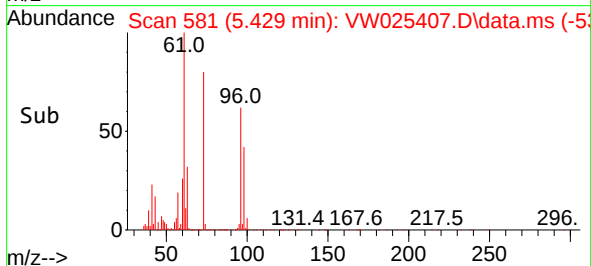
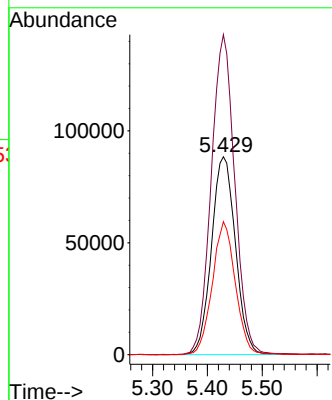
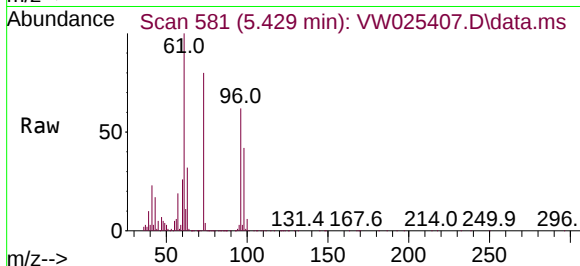




#17
trans-1,2-Dichloroethene
Concen: 24.923 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

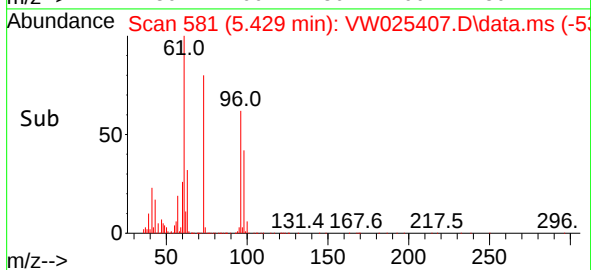
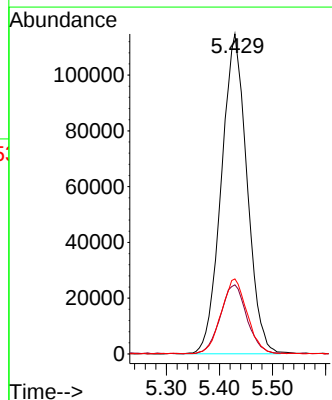
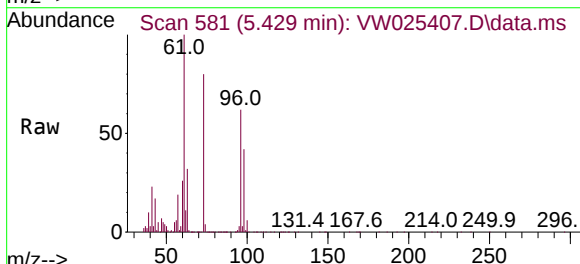
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

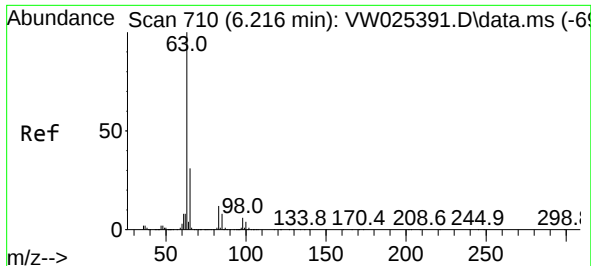
Tgt Ion: 96 Resp: 269170
Ion Ratio Lower Upper
96 100
61 161.7 103.0 191.4
98 67.2 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 23.669 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

Tgt Ion: 73 Resp: 384834
Ion Ratio Lower Upper
73 100
43 22.2 17.6 26.4
57 23.6 18.6 28.0

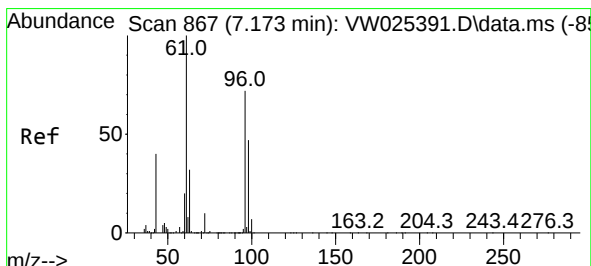
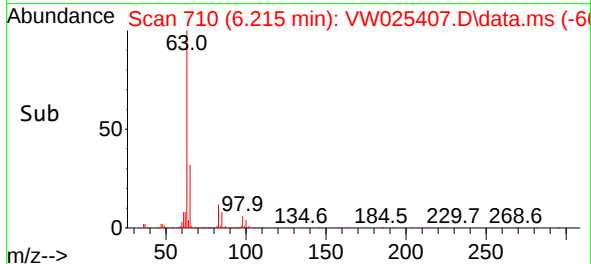
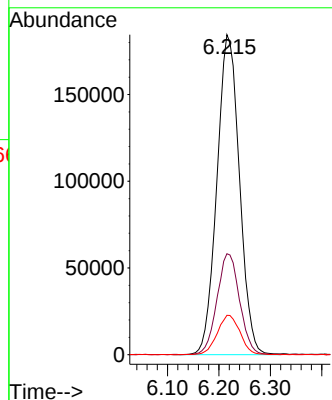
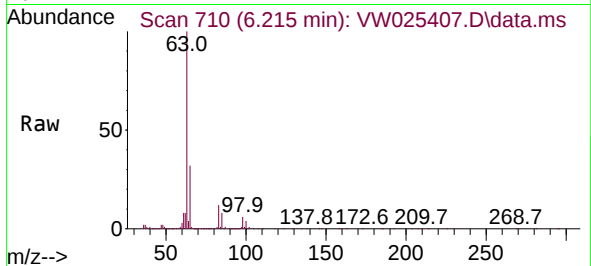




#19
1,1-Dichloroethane
Concen: 25.131 ug/L
RT: 6.215 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

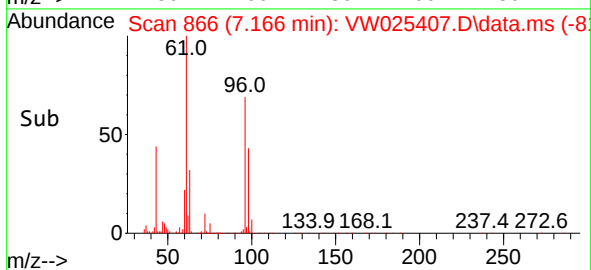
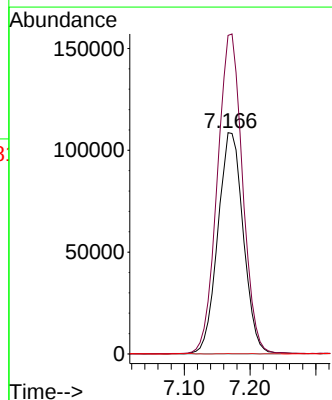
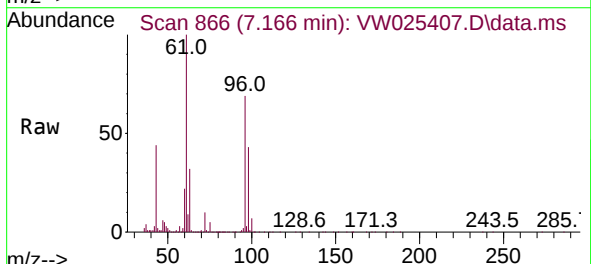
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

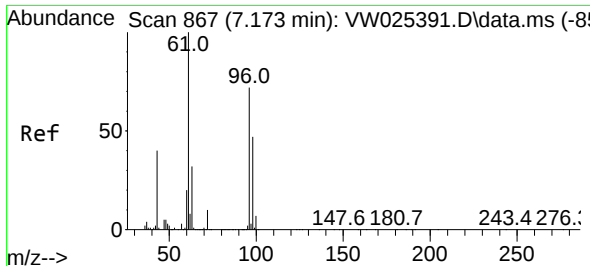
Tgt Ion: 63 Resp: 562054
Ion Ratio Lower Upper
63 100
65 31.6 21.7 40.3
83 12.3 8.4 15.6



#20
cis-1,2-Dichloroethene
Concen: 24.699 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

Tgt Ion: 96 Resp: 292061
Ion Ratio Lower Upper
96 100
61 144.0 95.5 177.4
68 0.2 0.1 0.1#

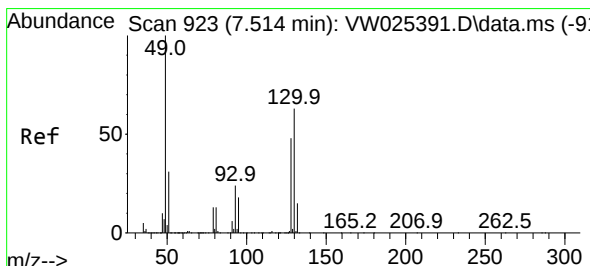
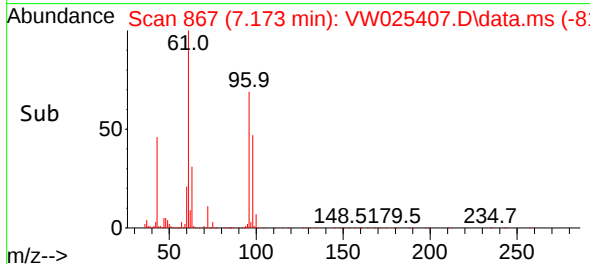
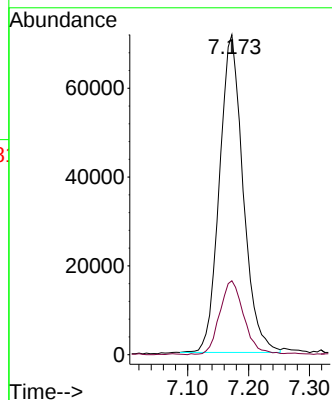
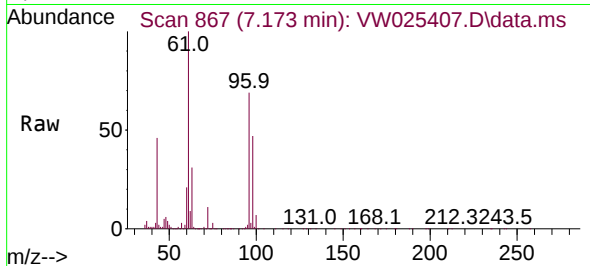




#22
2-Butanone
Concen: 46.016 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

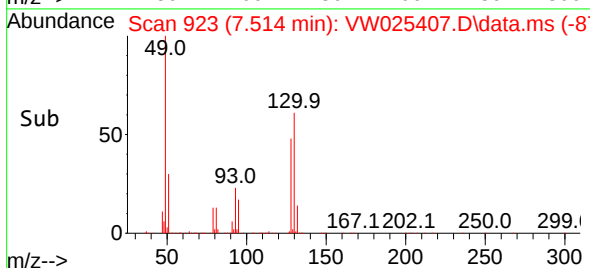
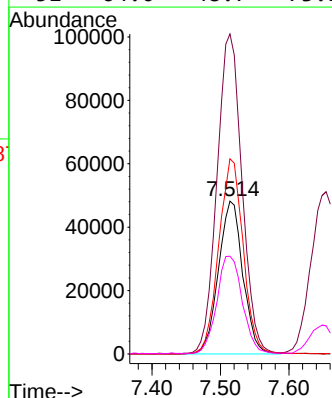
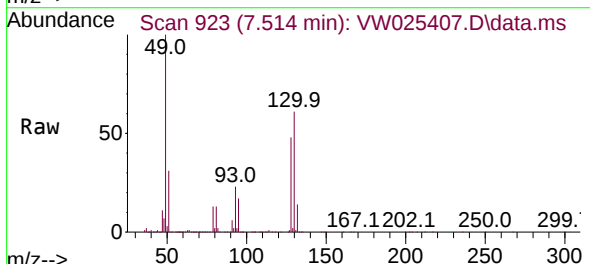
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

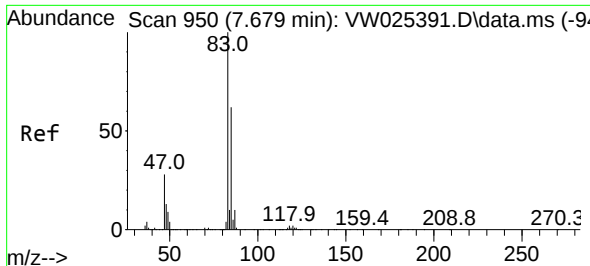
Tgt Ion: 43 Resp: 192943
Ion Ratio Lower Upper
43 100
72 23.9 12.0 36.1



#23
Bromochloromethane
Concen: 23.401 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

Tgt Ion: 128 Resp: 118992
Ion Ratio Lower Upper
128 100
49 209.4 140.6 261.0
130 127.7 80.8 150.0
51 64.0 48.7 73.1

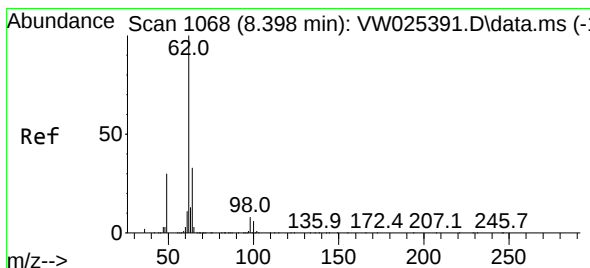
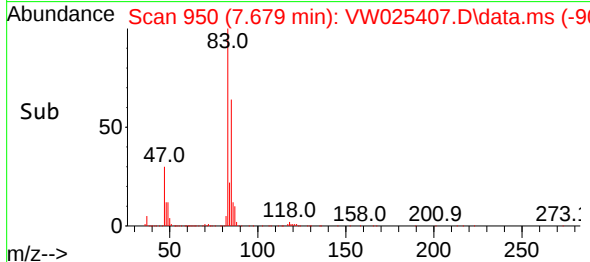
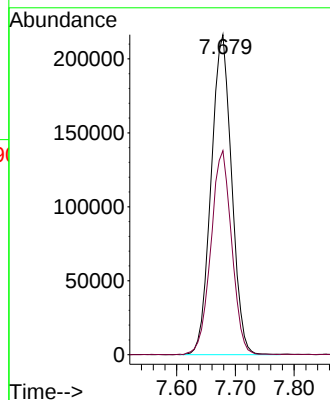
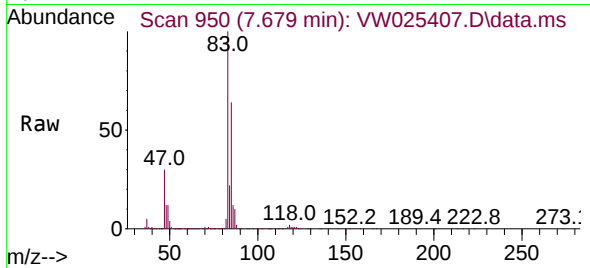




#25
Chloroform
Concen: 24.931 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

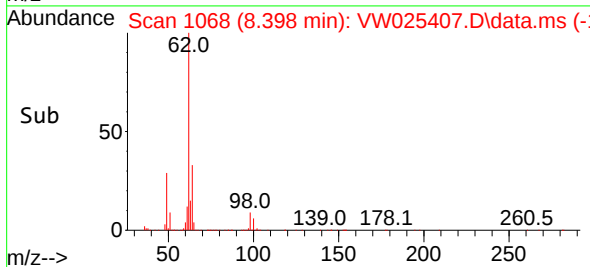
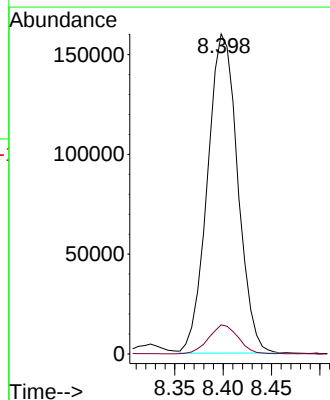
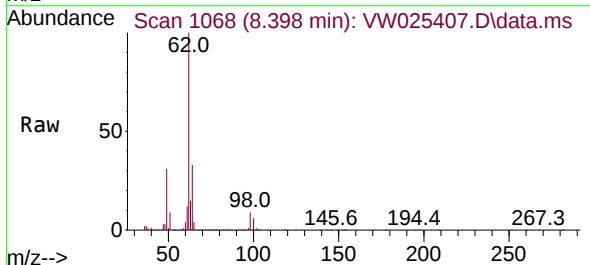
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

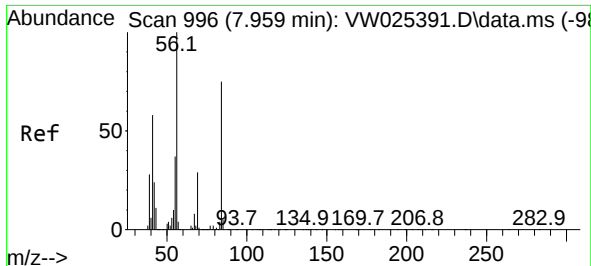
Tgt Ion: 83 Resp: 524160
Ion Ratio Lower Upper
83 100
85 63.8 44.7 82.9



#27
1,2-Dichloroethane
Concen: 24.792 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

Tgt Ion: 62 Resp: 347843
Ion Ratio Lower Upper
62 100
98 9.1 7.2 10.8

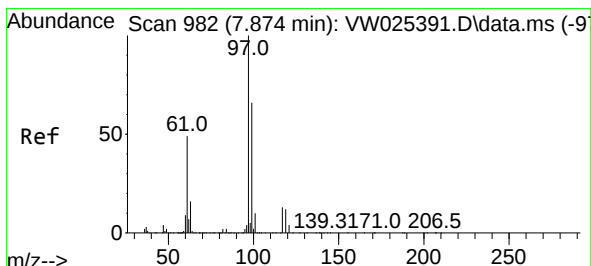
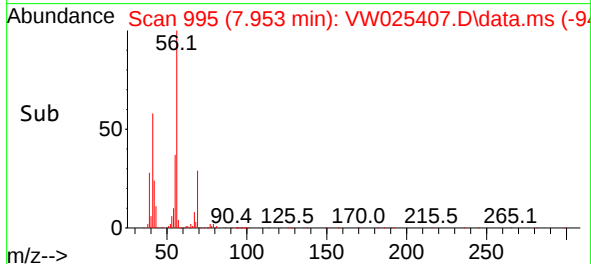
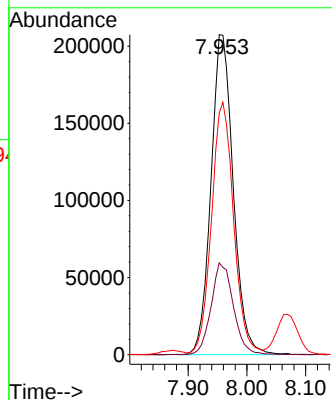
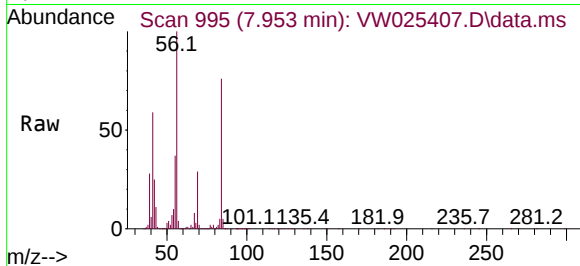




#29
Cyclohexane
Concen: 26.957 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

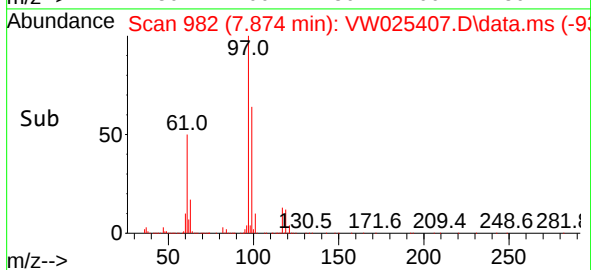
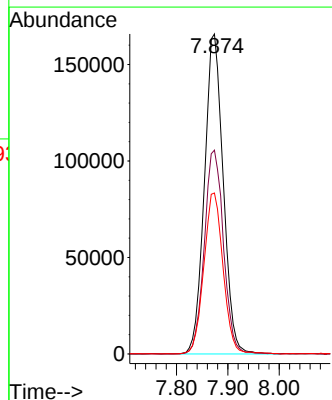
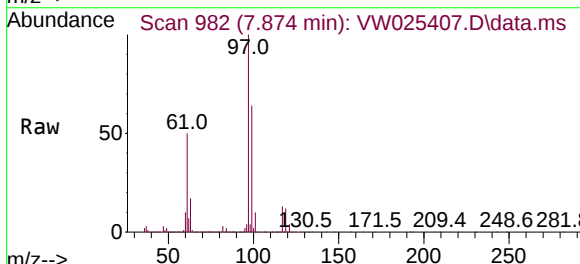
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

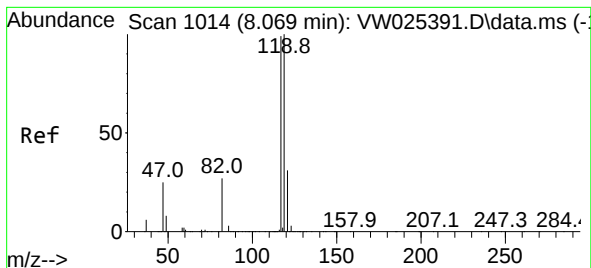
Tgt Ion: 56 Resp: 546387
Ion Ratio Lower Upper
56 100
69 28.7 23.1 34.7
84 78.6 63.9 95.9



#30
1,1,1-Trichloroethane
Concen: 24.672 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

Tgt Ion: 97 Resp: 421143
Ion Ratio Lower Upper
97 100
99 64.8 50.9 76.3
61 51.1 39.8 59.6





#31

Carbon tetrachloride

Concen: 24.735 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW025407.D

Acq: 17 Mar 2023 09:26

Instrument :

MSVOA_W

ClientSampleId :

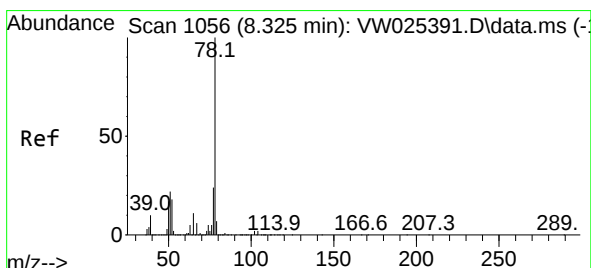
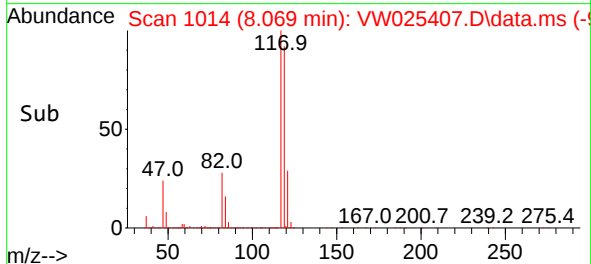
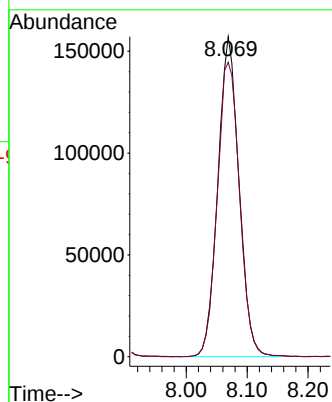
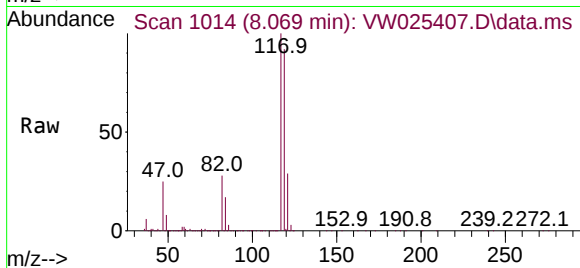
VSTD025550

Tgt Ion:117 Resp: 378475

Ion Ratio Lower Upper

117 100

119 97.2 75.8 113.6



#33

Benzene

Concen: 25.775 ug/L

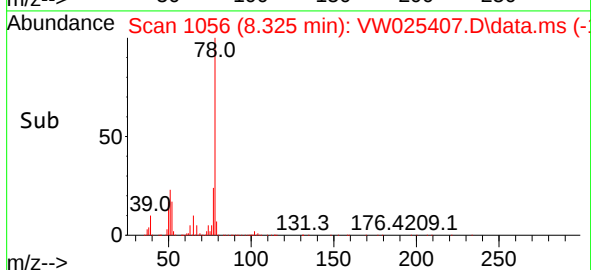
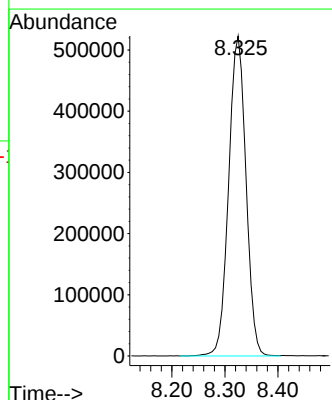
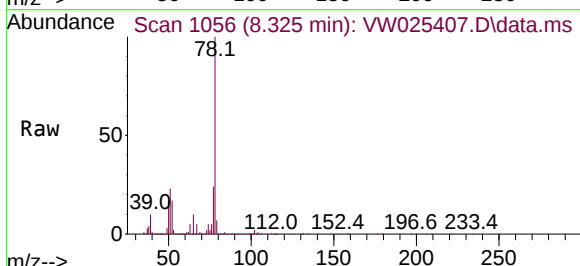
RT: 8.325 min Scan# 1056

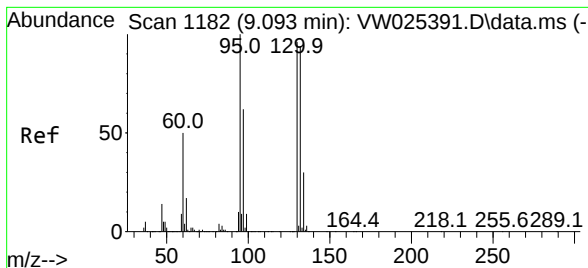
Delta R.T. -0.000 min

Lab File: VW025407.D

Acq: 17 Mar 2023 09:26

Tgt Ion: 78 Resp: 1183293





#34

Trichloroethene

Concen: 25.047 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW025407.D

Acq: 17 Mar 2023 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025550

Tgt Ion: 95 Resp: 301805

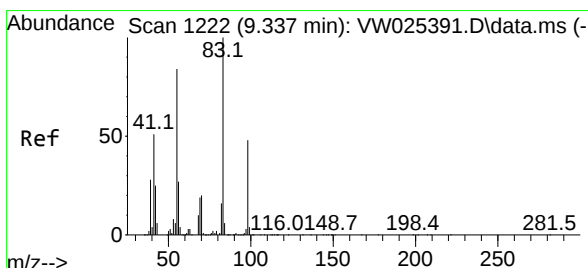
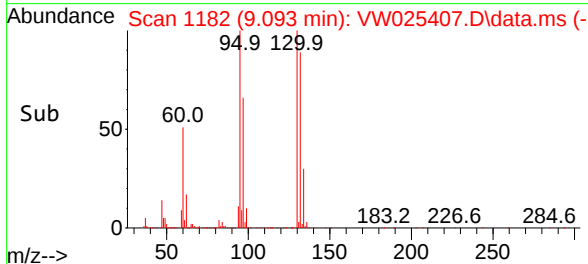
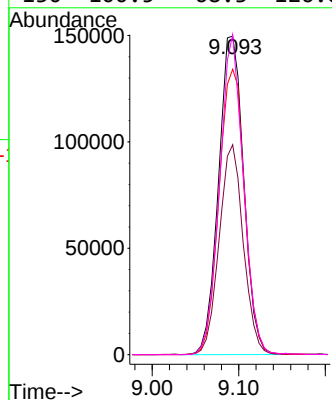
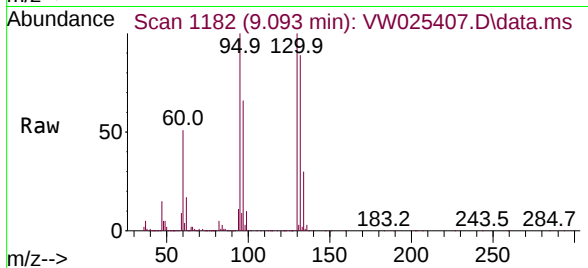
Ion Ratio Lower Upper

95 100

97 65.9 43.8 81.4

132 89.6 65.9 122.3

130 100.5 68.3 126.8



#35

Methylcyclohexane

Concen: 26.611 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW025407.D

Acq: 17 Mar 2023 09:26

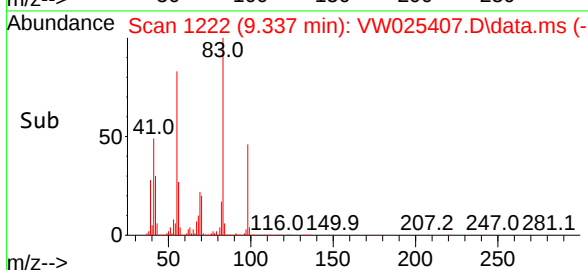
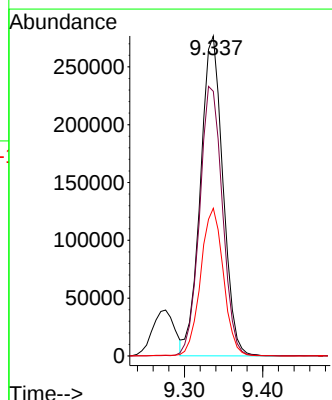
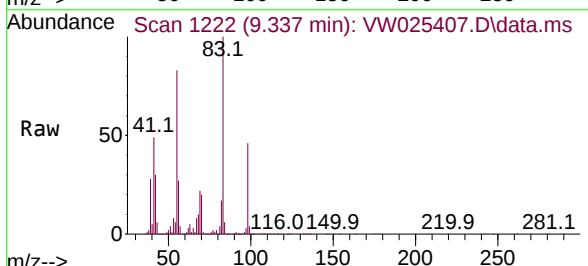
Tgt Ion: 83 Resp: 552361

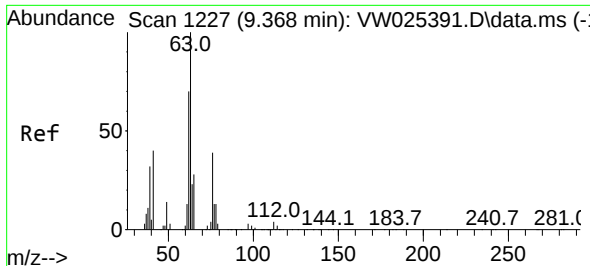
Ion Ratio Lower Upper

83 100

55 85.3 68.2 102.4

98 46.6 39.0 58.4





#37

1,2-Dichloropropane

Concen: 24.970 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025407.D

Acq: 17 Mar 2023 09:26

Instrument :

MSVOA_W

ClientSampleId :

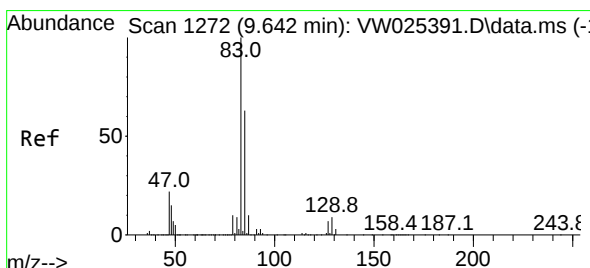
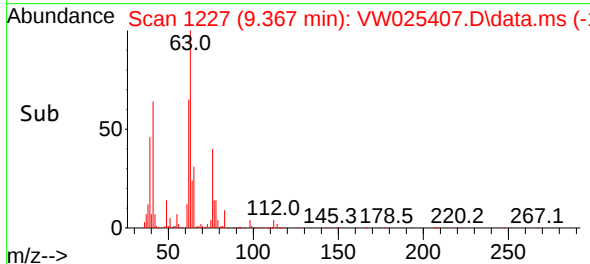
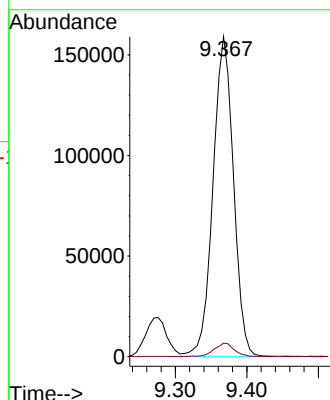
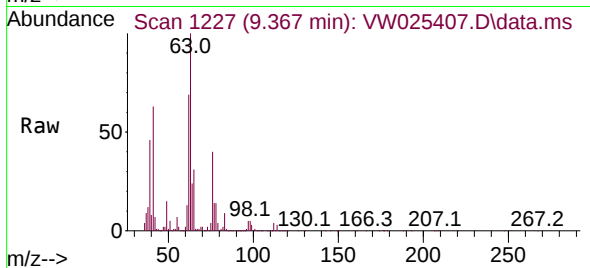
VSTD025550

Tgt Ion: 63 Resp: 315554

Ion Ratio Lower Upper

63 100

112 4.3 3.2 4.8



#38

Bromodichloromethane

Concen: 24.814 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025407.D

Acq: 17 Mar 2023 09:26

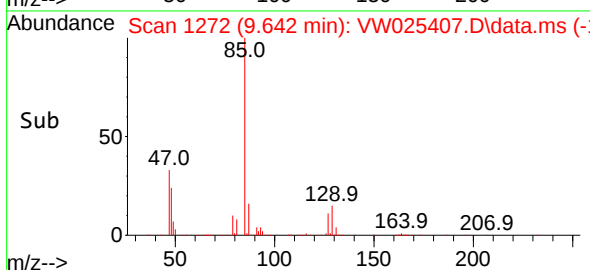
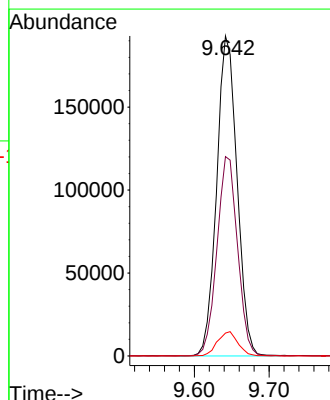
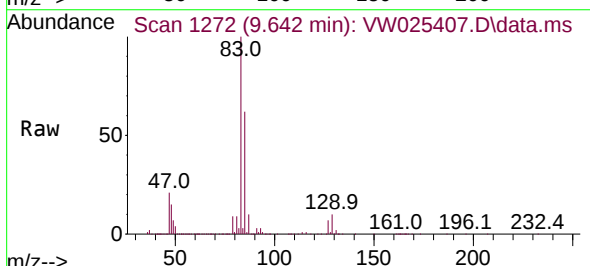
Tgt Ion: 83 Resp: 365705

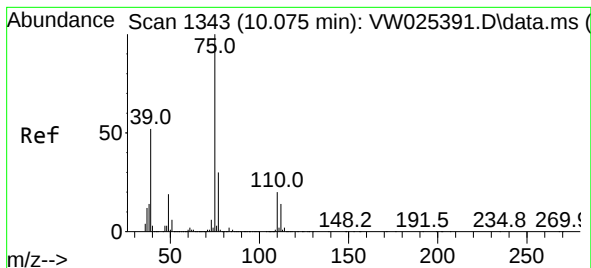
Ion Ratio Lower Upper

83 100

85 62.3 44.7 83.1

127 7.1 6.1 9.1

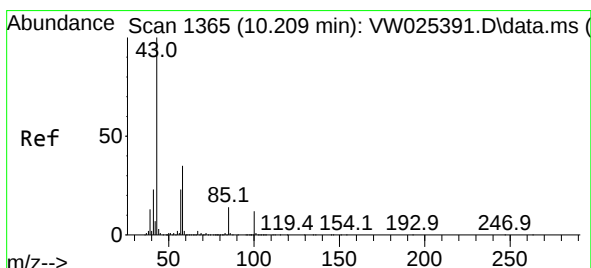
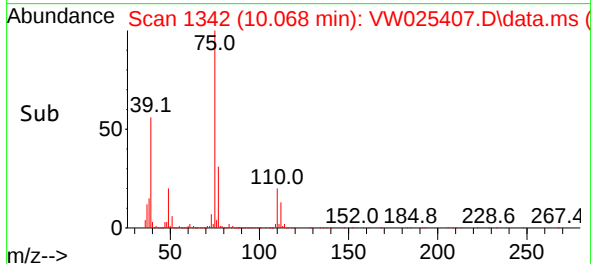
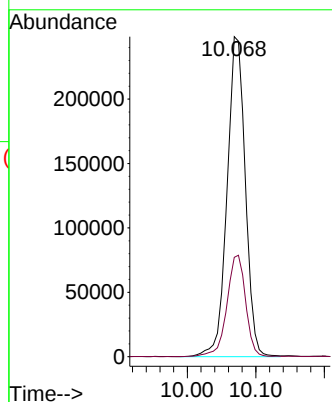
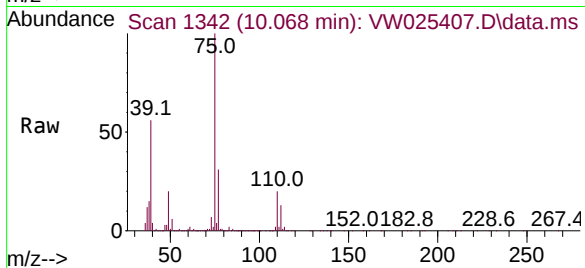




#39
cis-1,3-Dichloropropene
Concen: 25.259 ug/L
RT: 10.068 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

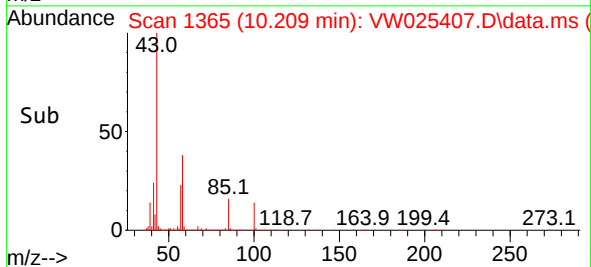
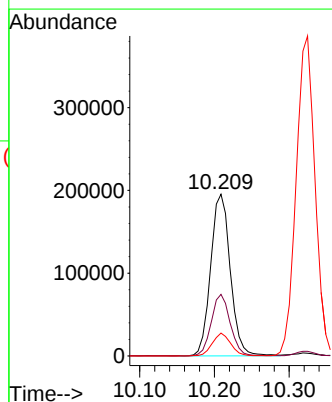
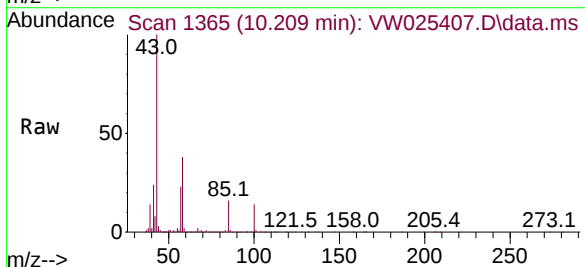
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

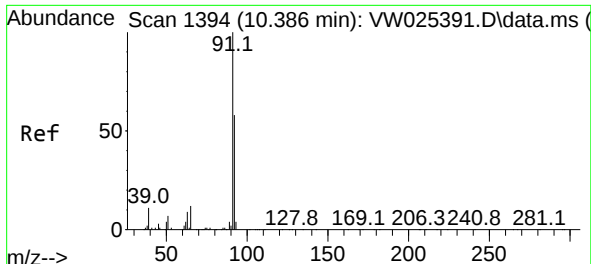
Tgt Ion: 75 Resp: 459855
Ion Ratio Lower Upper
75 100
77 31.0 22.0 41.0



#40
4-Methyl-2-pentanone
Concen: 47.142 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

Tgt Ion: 43 Resp: 358057
Ion Ratio Lower Upper
43 100
58 36.9 29.6 44.4
100 13.3 10.6 16.0

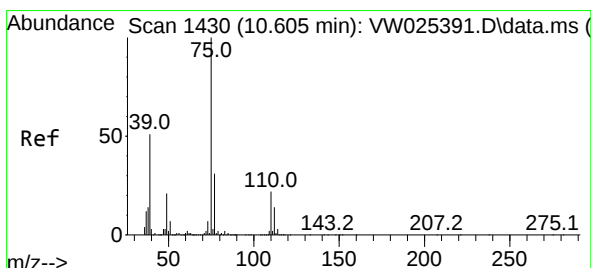
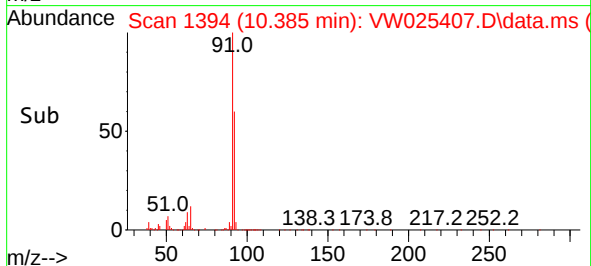
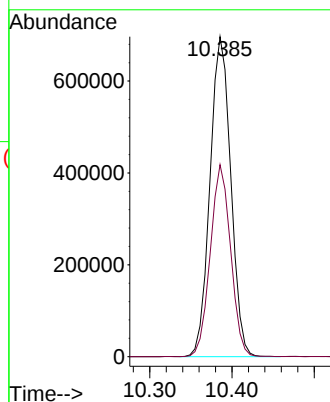
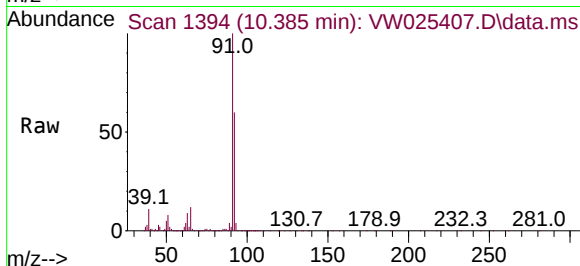




#42
Toluene
Concen: 25.787 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

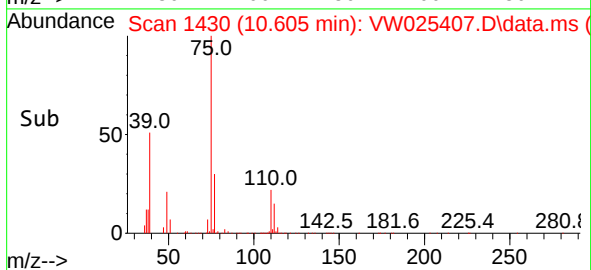
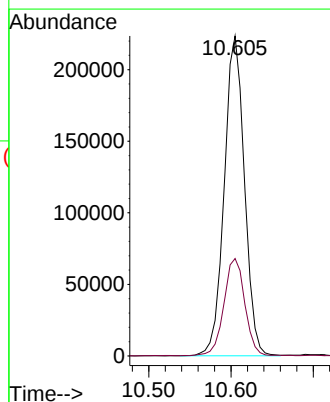
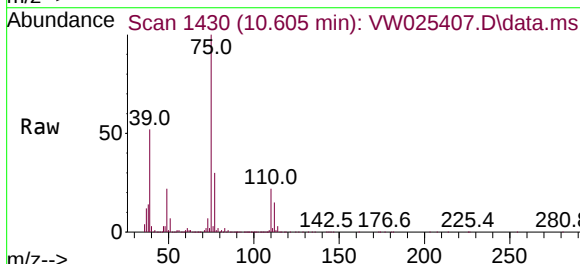
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

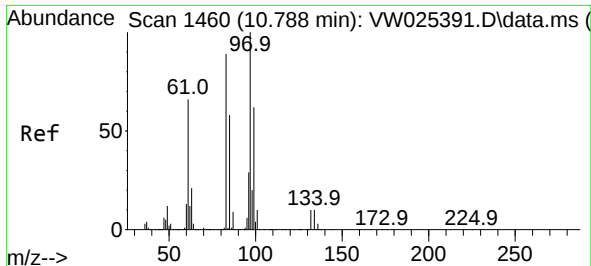
Tgt Ion: 91 Resp: 1222316
Ion Ratio Lower Upper
91 100
92 60.0 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 25.081 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

Tgt Ion: 75 Resp: 382387
Ion Ratio Lower Upper
75 100
77 30.5 22.3 41.3

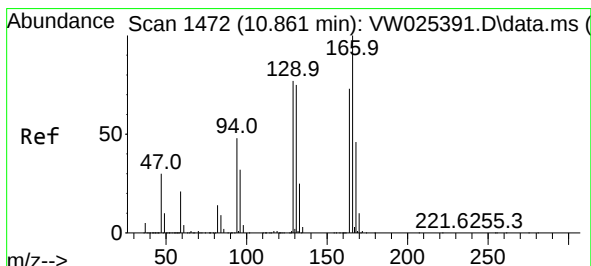
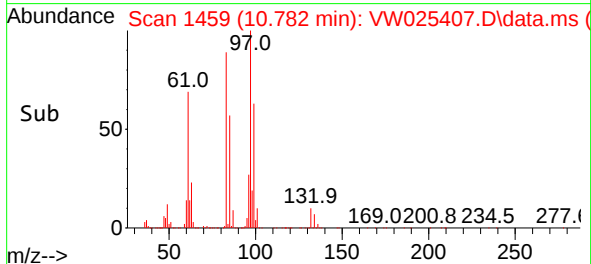
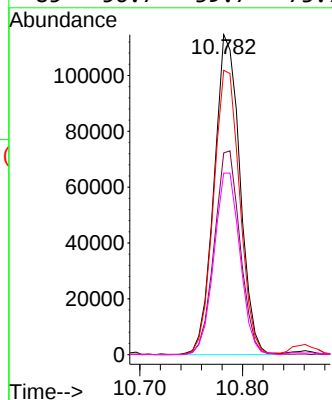
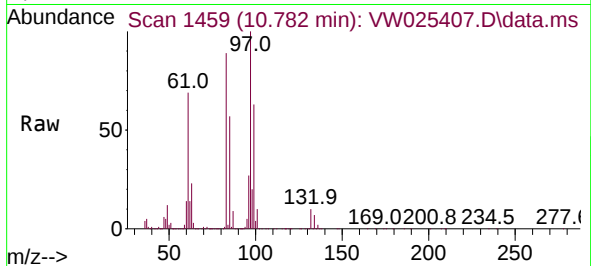




#45
1,1,2-Trichloroethane
Concen: 23.594 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

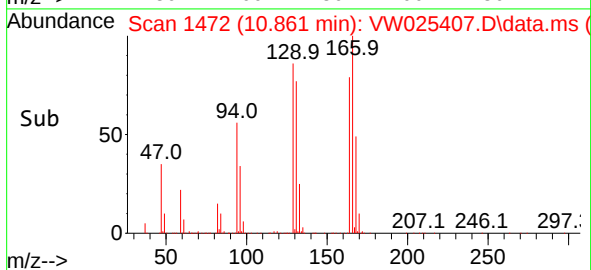
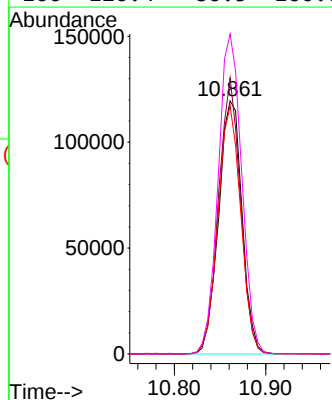
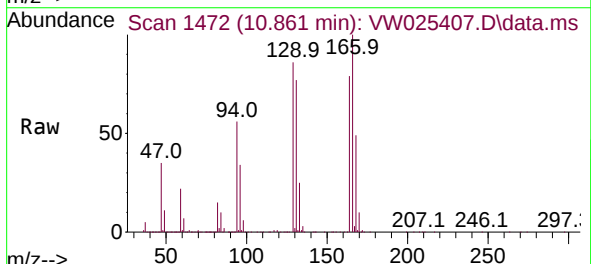
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

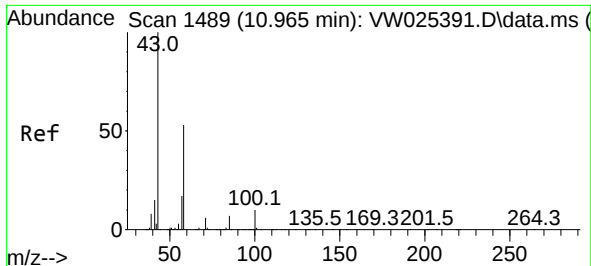
Tgt Ion: 97 Resp: 200229
Ion Ratio Lower Upper
97 100
99 63.1 42.6 79.0
83 88.9 60.5 112.3
85 56.7 39.7 73.7



#46
Tetrachloroethene
Concen: 24.906 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

Tgt Ion:164 Resp: 213534
Ion Ratio Lower Upper
164 100
129 109.1 67.7 125.7
131 98.0 67.0 124.4
166 126.4 86.5 160.7

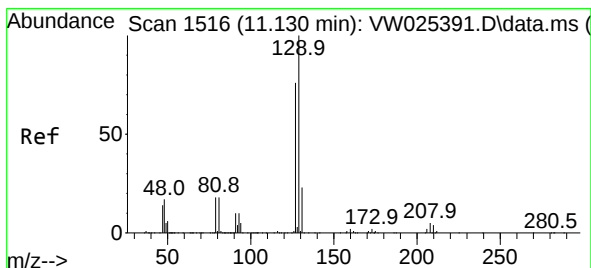
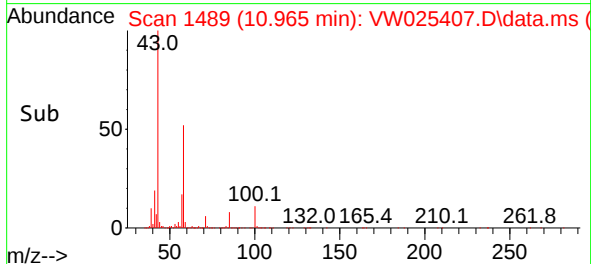
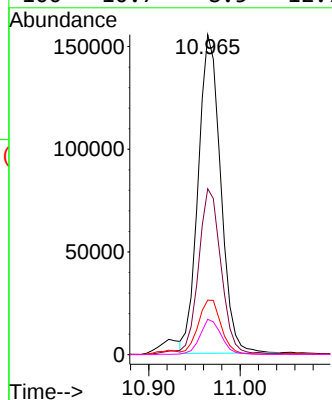
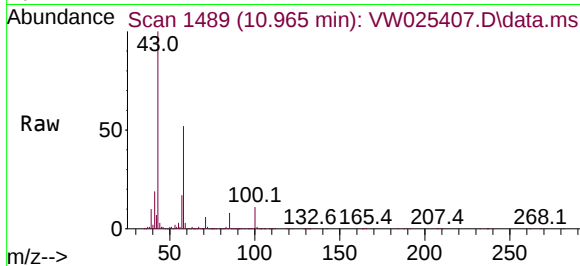




#48
2-Hexanone
Concen: 48.507 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

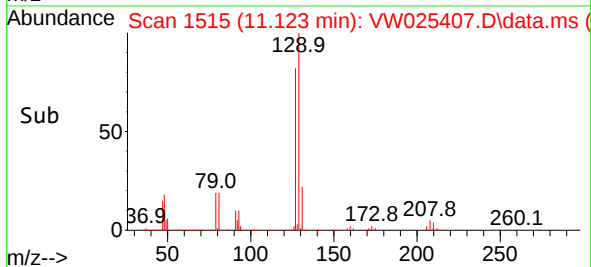
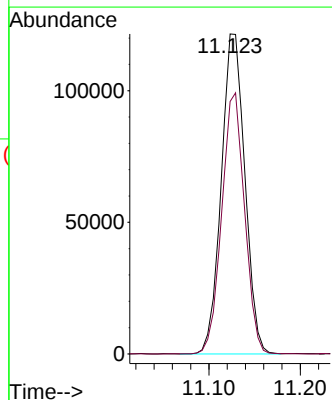
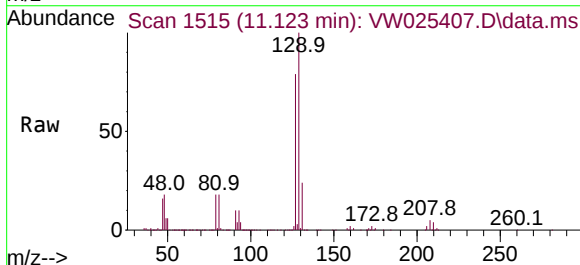
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

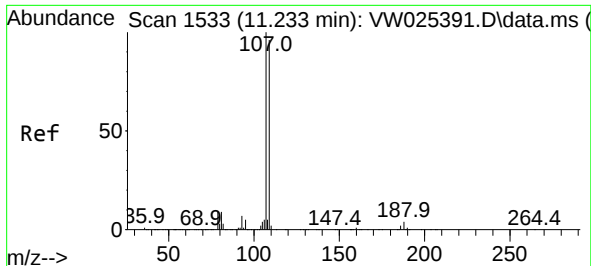
Tgt Ion: 43	Resp: 265064
Ion Ratio	Lower Upper
43 100	
58 52.1	41.2 61.8
57 17.6	14.2 21.4
100 10.7	8.5 12.7



#49
Dibromochloromethane
Concen: 24.099 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

Tgt Ion:129	Resp: 218528		
Ion Ratio	Lower	Upper	
129 100			
127 78.9	52.8	98.2	





#50

1,2-Dibromoethane

Concen: 23.501 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW025407.D

Acq: 17 Mar 2023 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025550

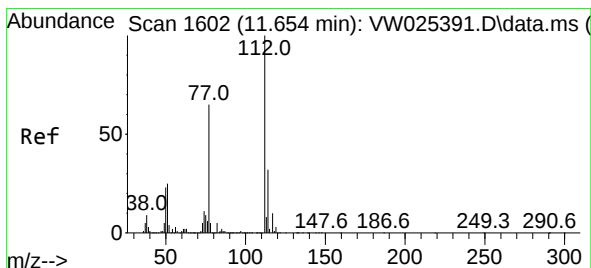
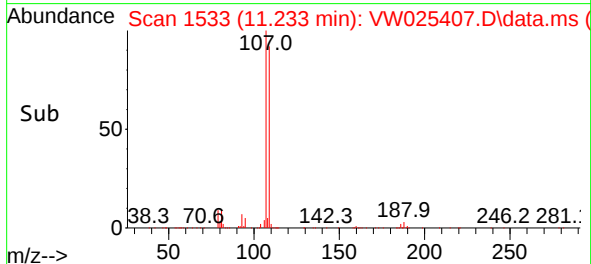
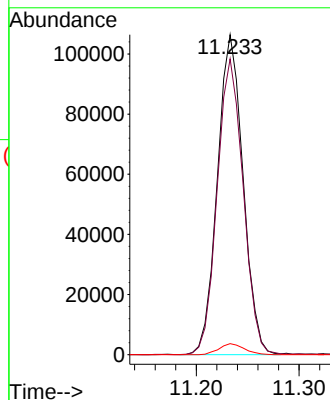
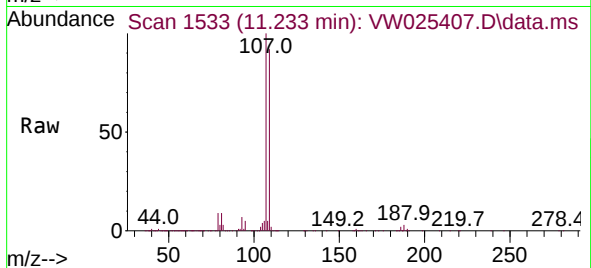
Tgt Ion:107 Resp: 184617

Ion Ratio Lower Upper

107 100

109 92.4 62.9 116.9

188 3.5 3.0 4.4



#51

Chlorobenzene

Concen: 24.409 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025407.D

Acq: 17 Mar 2023 09:26

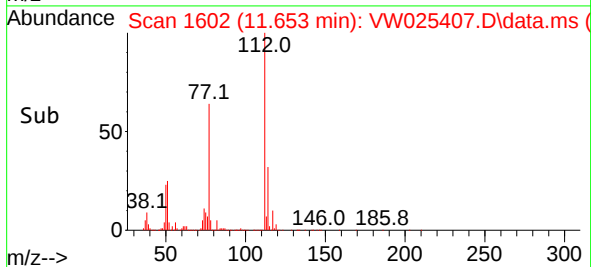
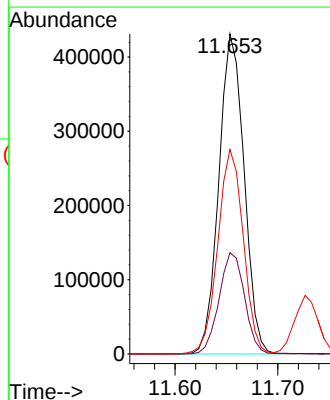
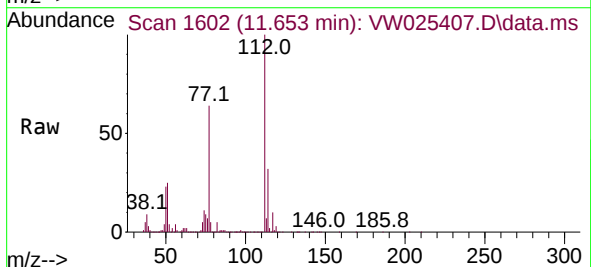
Tgt Ion:112 Resp: 734317

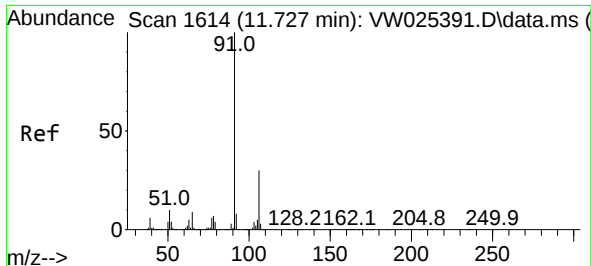
Ion Ratio Lower Upper

112 100

114 31.7 21.9 40.7

77 63.9 51.8 77.8

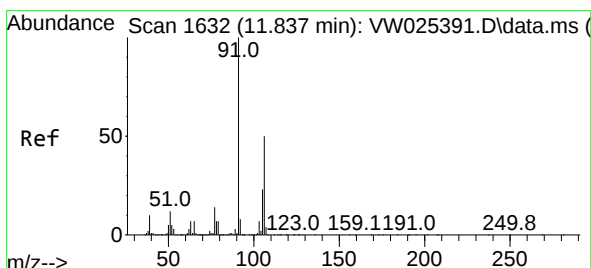
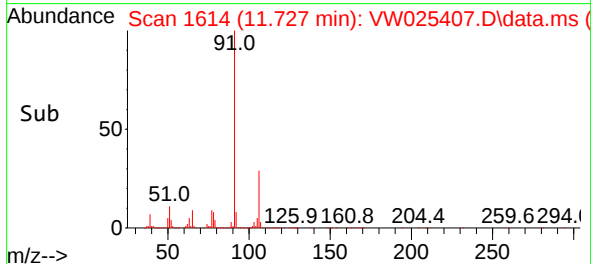
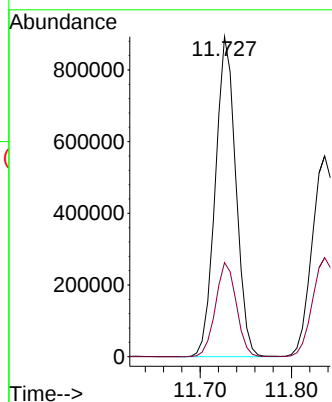
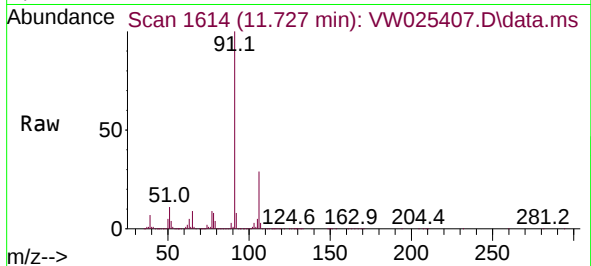




#52
Ethylbenzene
Concen: 25.796 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

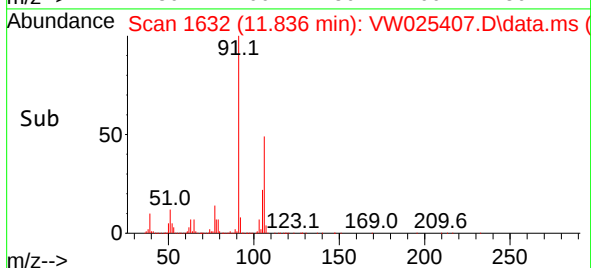
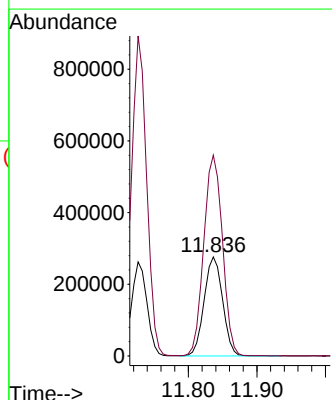
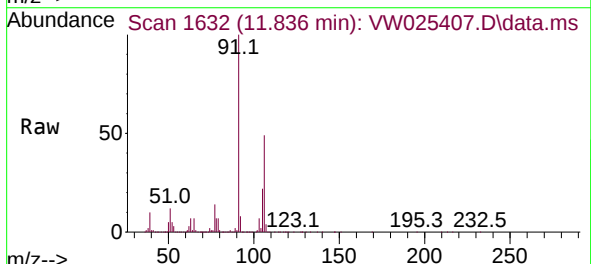
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

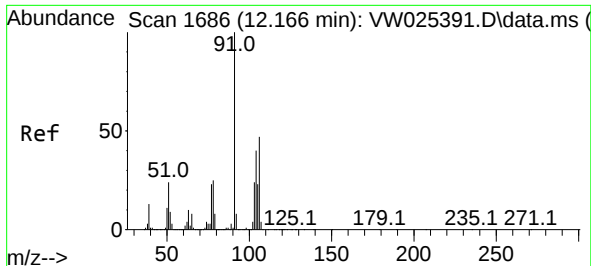
Tgt Ion: 91 Resp: 1394558
Ion Ratio Lower Upper
91 100
106 29.4 22.0 41.0



#53
m,p-Xylene
Concen: 25.994 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

Tgt Ion: 106 Resp: 518306
Ion Ratio Lower Upper
106 100
91 202.8 144.2 267.8

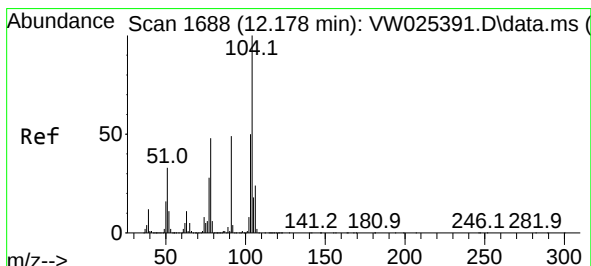
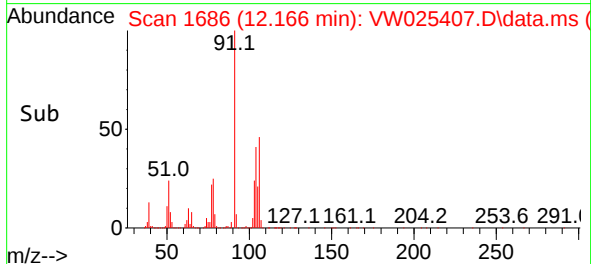
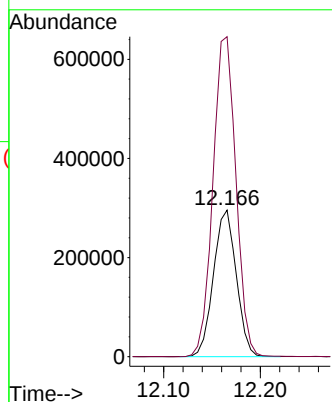
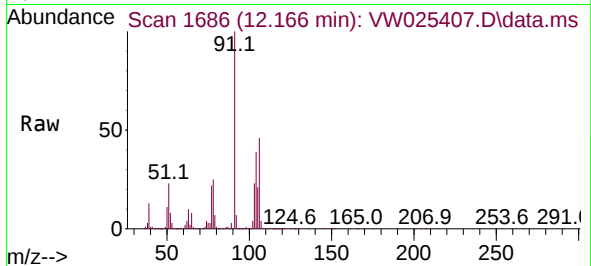




#54
o-Xylene
Concen: 25.784 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

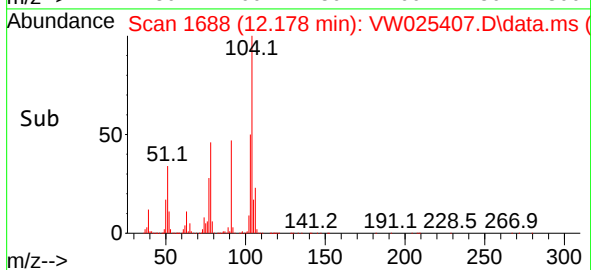
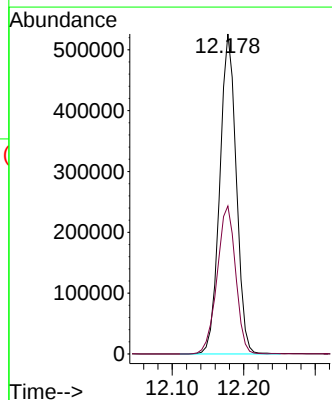
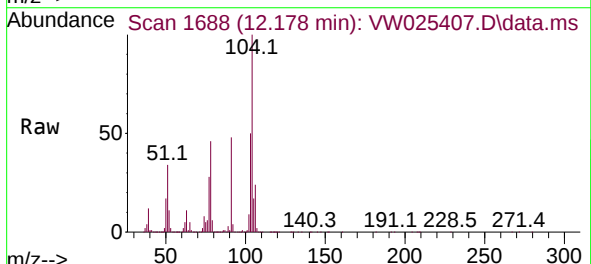
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

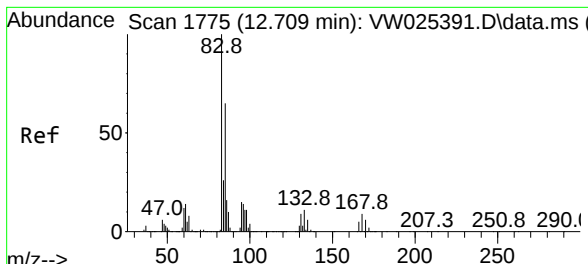
Tgt Ion:106 Resp: 483795
Ion Ratio Lower Upper
106 100
91 218.2 154.6 287.2



#55
Styrene
Concen: 26.353 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

Tgt Ion:104 Resp: 844377
Ion Ratio Lower Upper
104 100
78 46.2 31.1 57.9

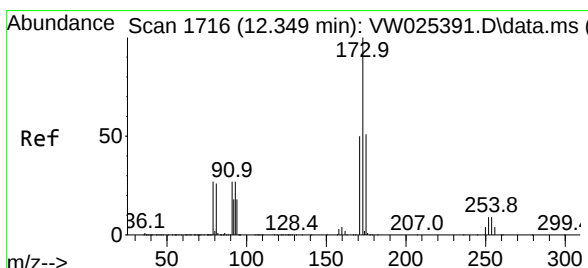
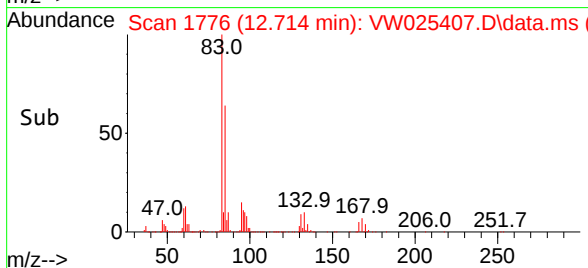
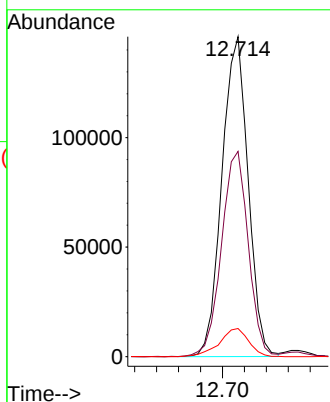
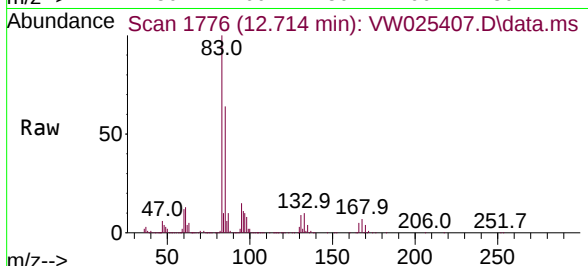




#57
1,1,2,2-Tetrachloroethane
Concen: 22.919 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

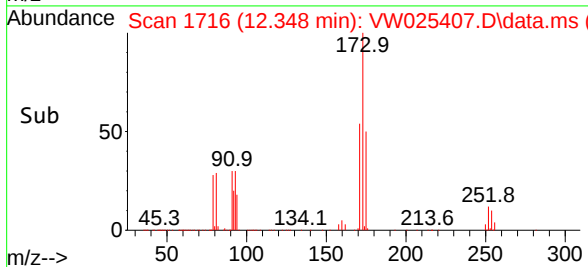
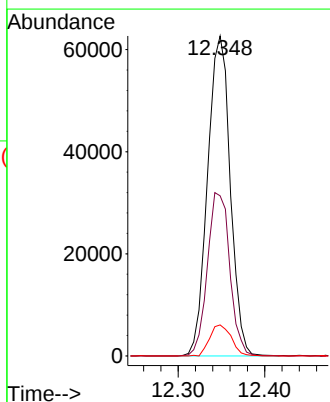
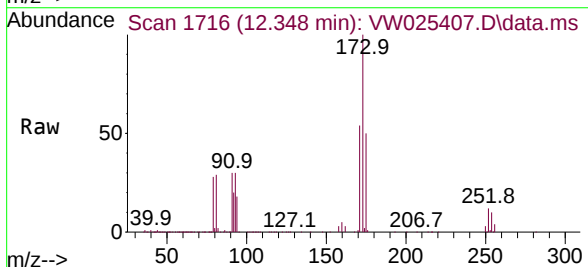
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

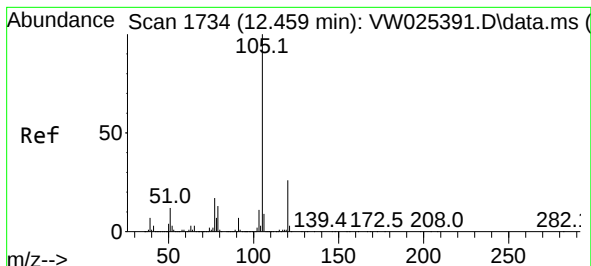
Tgt Ion: 83 Resp: 241946
Ion Ratio Lower Upper
83 100
85 64.2 45.4 84.2
131 8.8 8.0 12.0



#59
Bromoform
Concen: 21.928 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

Tgt Ion:173 Resp: 113991
Ion Ratio Lower Upper
173 100
175 50.3 38.6 57.8
254 9.2 7.9 11.9





#60

Isopropylbenzene

Concen: 25.226 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025407.D

Acq: 17 Mar 2023 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025550

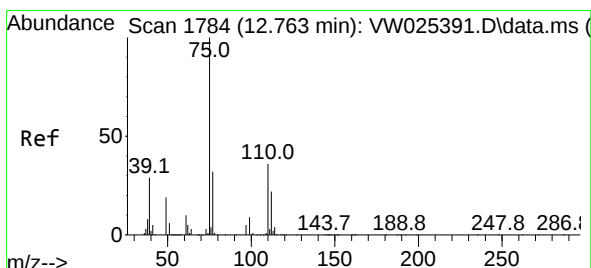
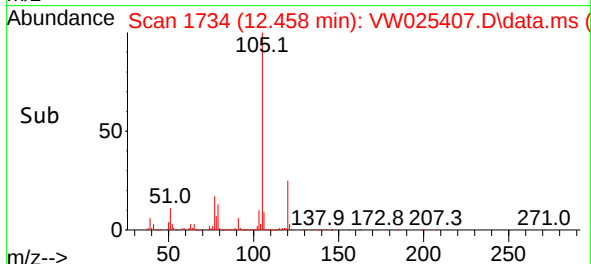
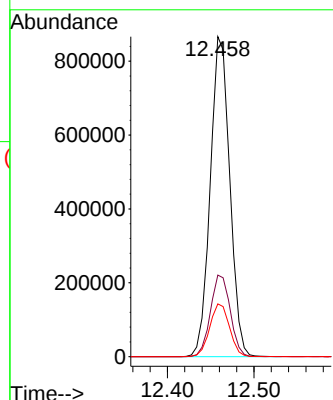
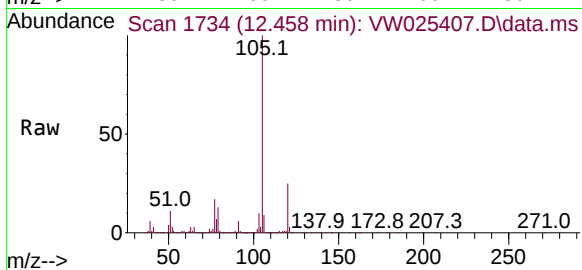
Tgt Ion:105 Resp: 1354925

Ion Ratio Lower Upper

105 100

120 25.9 20.9 31.3

77 16.7 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 22.521 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW025407.D

Acq: 17 Mar 2023 09:26

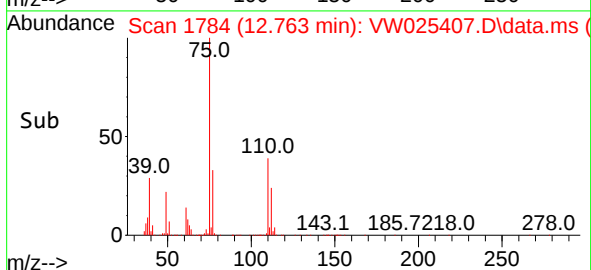
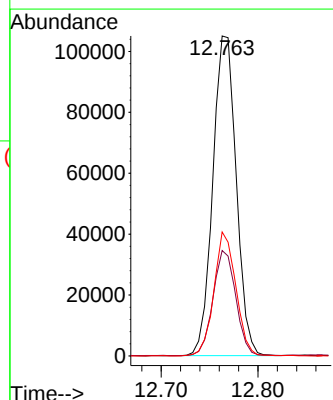
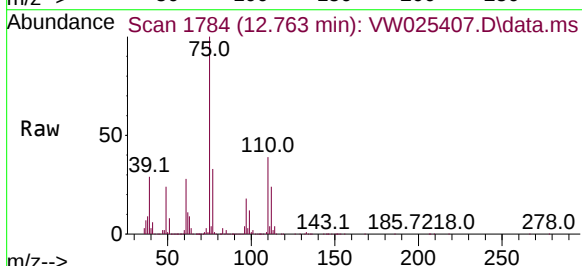
Tgt Ion: 75 Resp: 176794

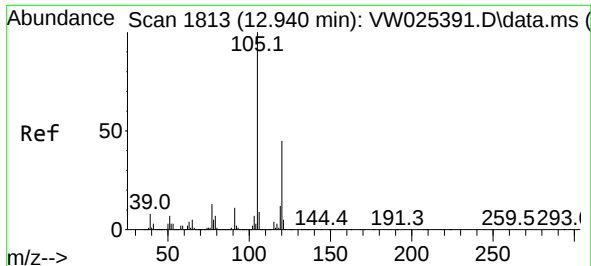
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

110 36.2 28.9 43.3

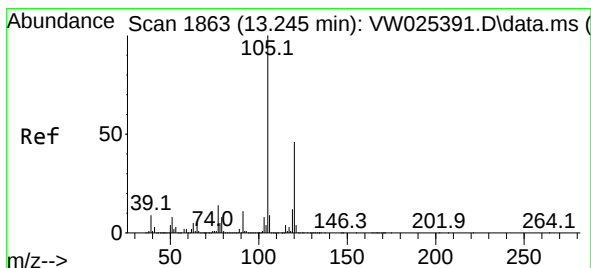
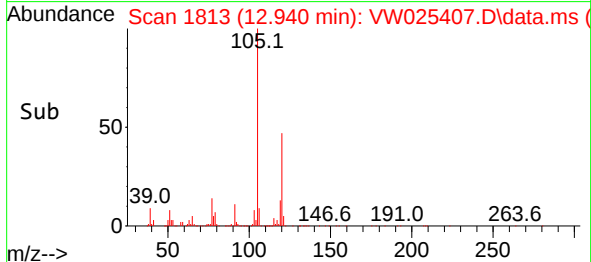
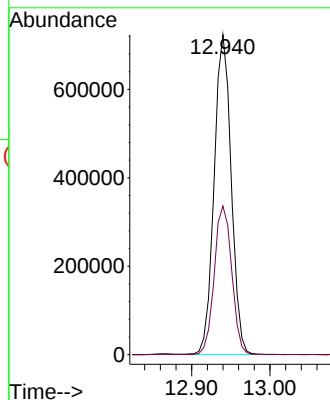
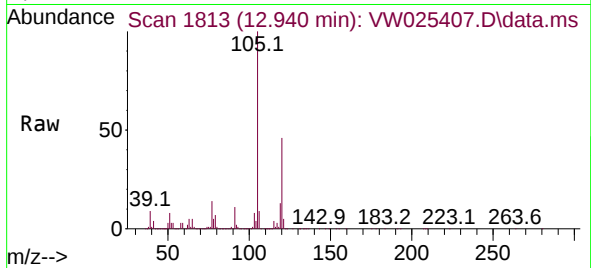




#62
1,3,5-Trimethylbenzene
Concen: 25.747 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

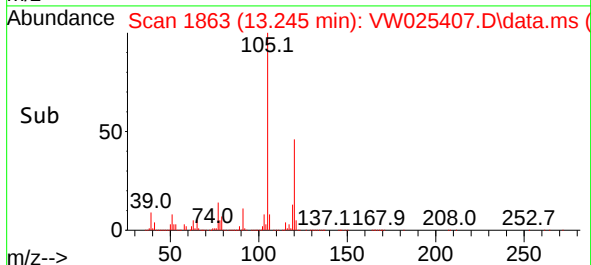
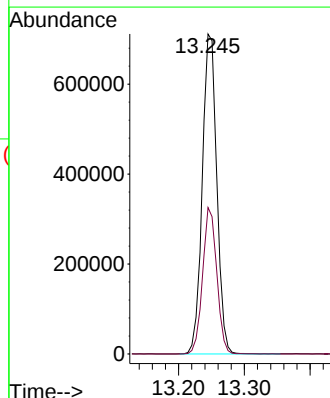
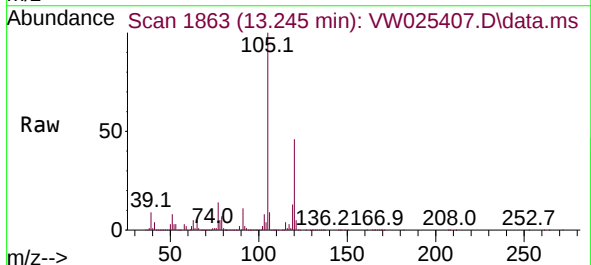
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

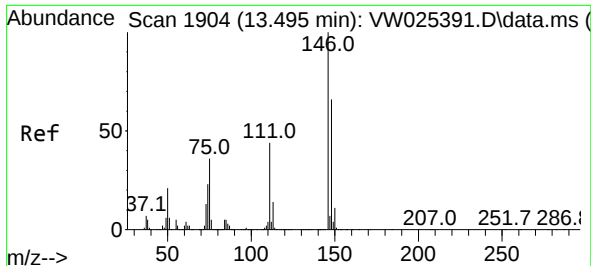
Tgt Ion:105 Resp: 1095250
Ion Ratio Lower Upper
105 100
120 47.4 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 26.021 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

Tgt Ion:105 Resp: 1090464
Ion Ratio Lower Upper
105 100
120 44.5 36.0 54.0

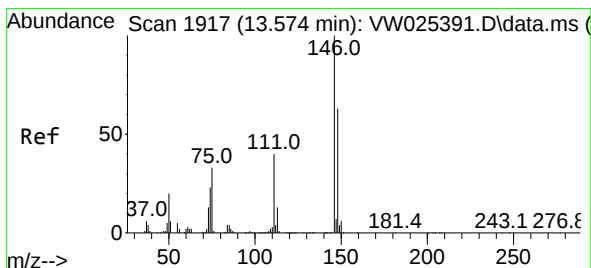
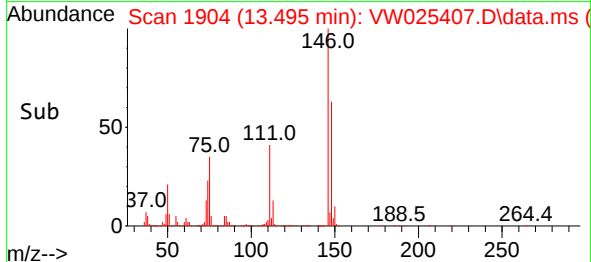
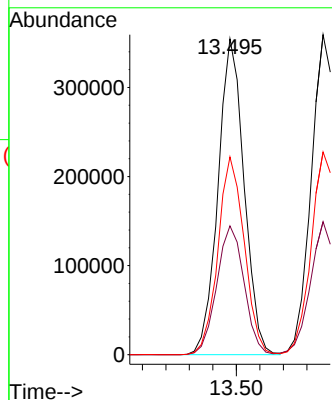
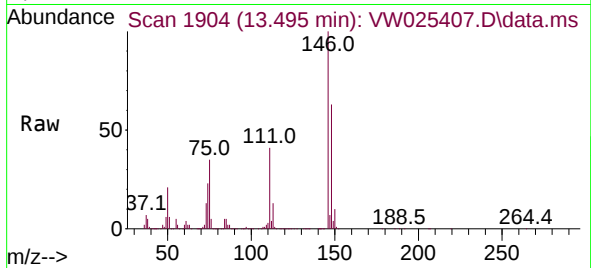




#64
1,3-Dichlorobenzene
Concen: 24.027 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

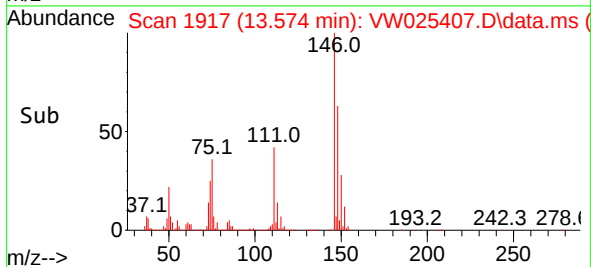
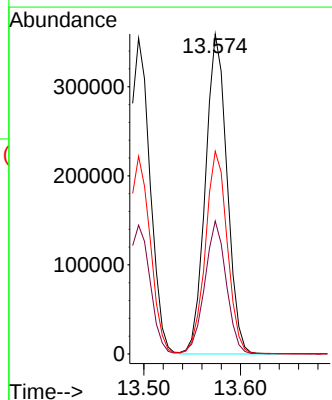
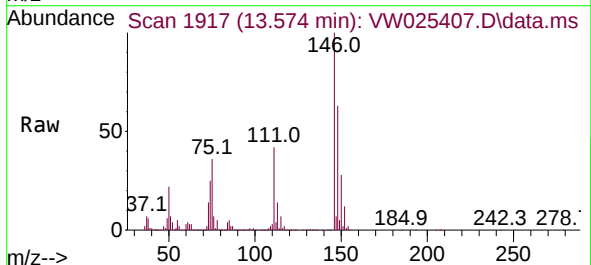
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

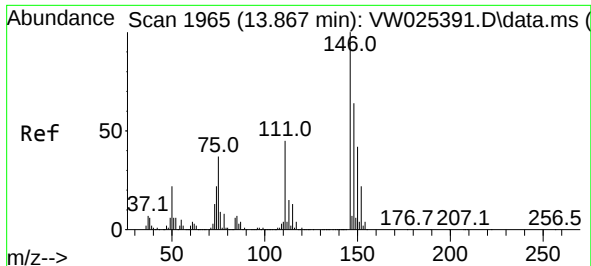
Tgt Ion:146 Resp: 546842
Ion Ratio Lower Upper
146 100
111 40.8 29.7 55.1
148 62.6 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 23.936 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025407.D
Acq: 17 Mar 2023 09:26

Tgt Ion:146 Resp: 558792
Ion Ratio Lower Upper
146 100
111 41.5 28.2 52.4
148 63.4 39.8 73.8





#67

1,2-Dichlorobenzene

Concen: 24.188 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025407.D

Acq: 17 Mar 2023 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025550

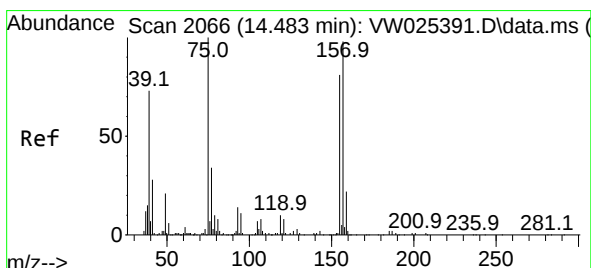
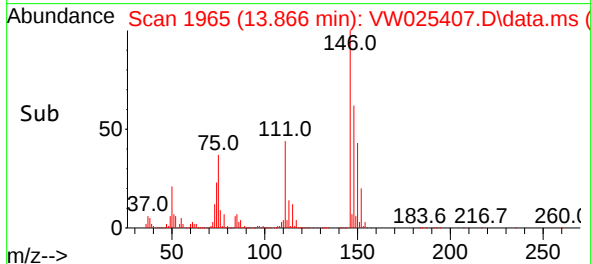
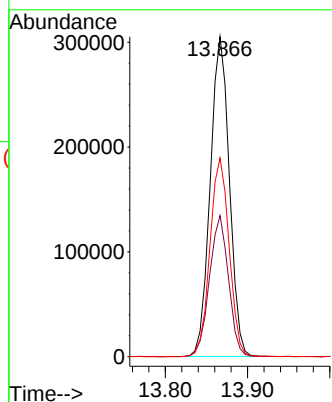
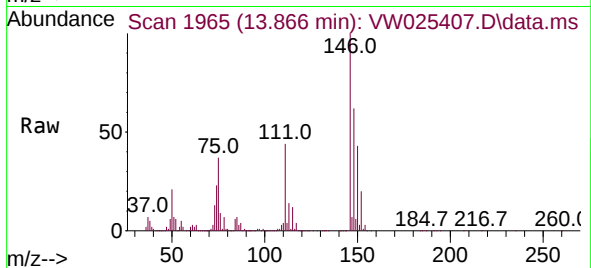
Tgt Ion:146 Resp: 493750

Ion Ratio Lower Upper

146 100

111 44.1 36.6 54.8

148 62.1 53.4 80.2



#68

1,2-Dibromo-3-chloropropane

Concen: 20.275 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW025407.D

Acq: 17 Mar 2023 09:26

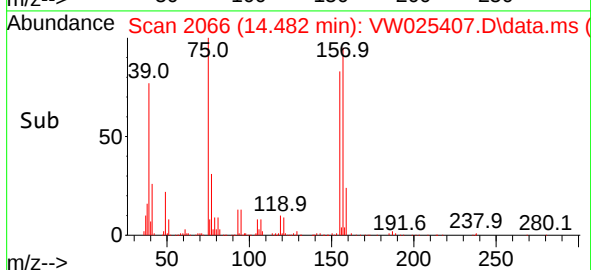
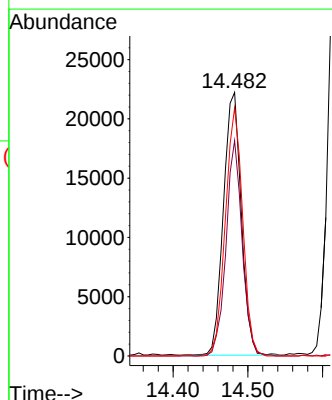
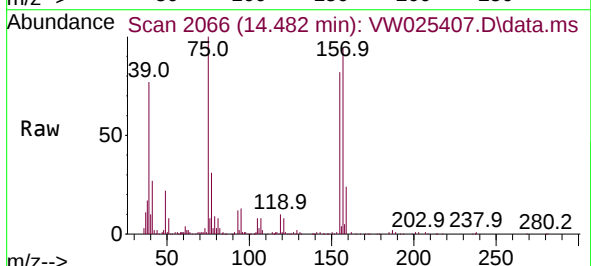
Tgt Ion: 75 Resp: 36847

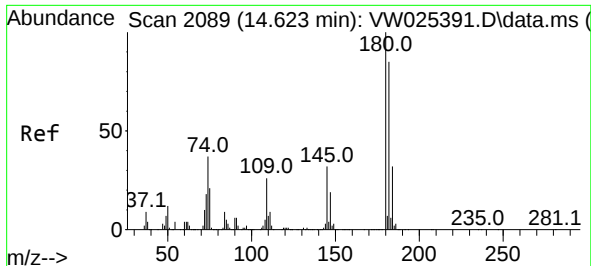
Ion Ratio Lower Upper

75 100

155 81.7 55.4 83.0

157 94.2 75.3 112.9





#69

1,3,5-Trichlorobenzene

Concen: 24.592 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025407.D

Acq: 17 Mar 2023 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025550

Tgt Ion:180 Resp: 380473

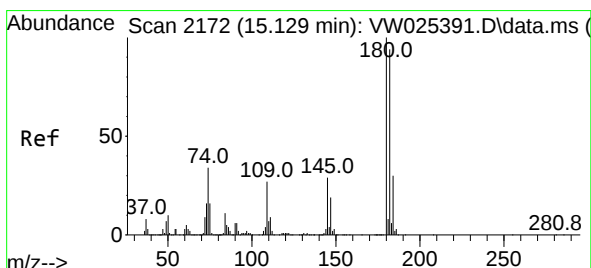
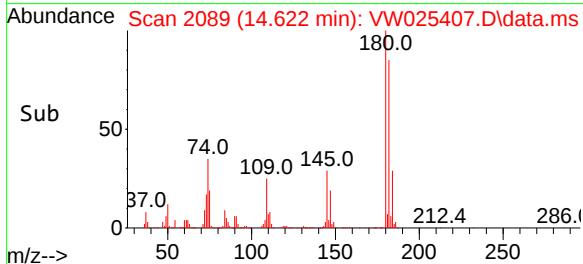
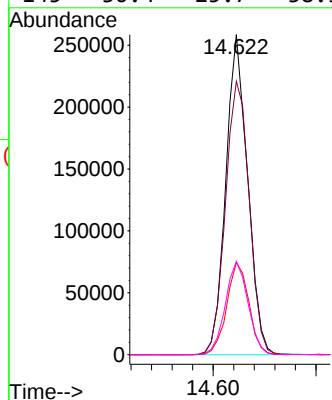
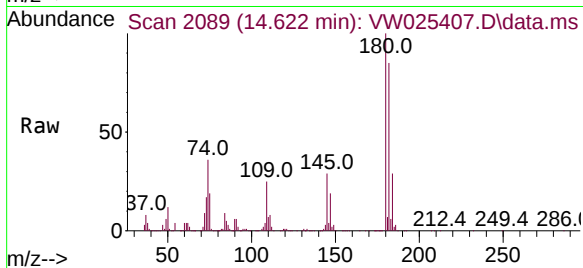
Ion Ratio Lower Upper

180 100

182 93.0 77.1 115.7

184 29.3 24.7 37.1

145 30.4 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 24.032 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025407.D

Acq: 17 Mar 2023 09:26

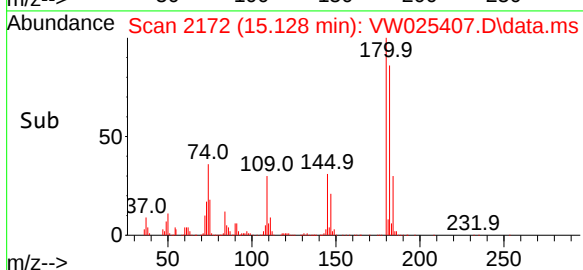
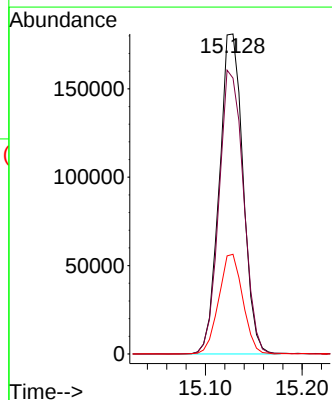
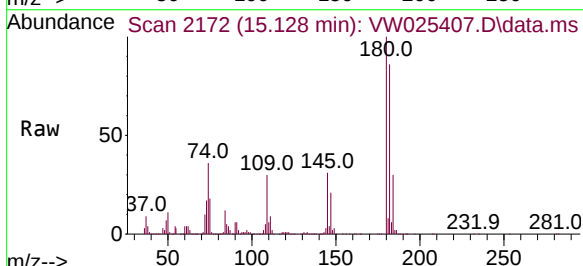
Tgt Ion:180 Resp: 308275

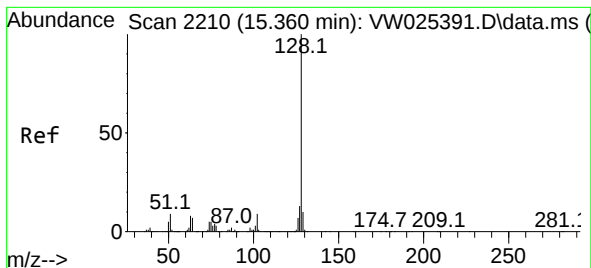
Ion Ratio Lower Upper

180 100

182 91.5 75.5 113.3

145 31.5 25.2 37.8





#71

Naphthalene

Concen: 23.846 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025407.D

Acq: 17 Mar 2023 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025550

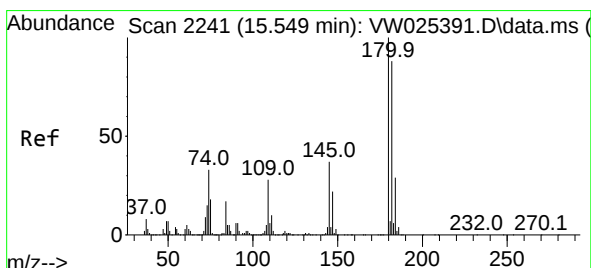
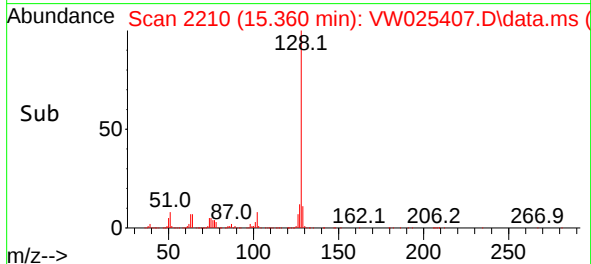
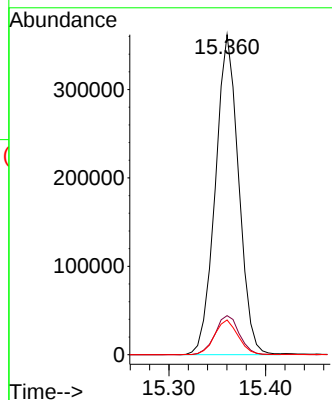
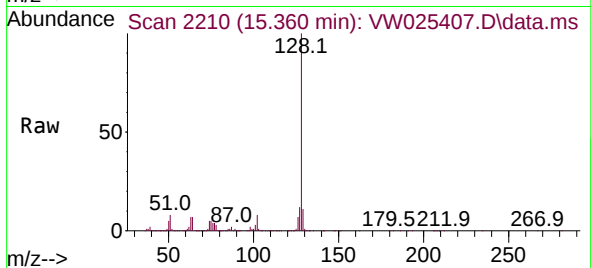
Tgt Ion:128 Resp: 603797

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 22.589 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW025407.D

Acq: 17 Mar 2023 09:26

Tgt Ion:180 Resp: 260264

Ion Ratio Lower Upper

180 100

182 95.3 76.6 114.8

145 34.3 27.7 41.5

