

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
 Data File : VW025517.D
 Acq On : 30 Mar 2023 21:22
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025561

Quant Time: Mar 31 02:27:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 31 02:21:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	668392	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	598382	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	306940	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	189762	17.075	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.320%
7) Chloroethane-d5	2.899	69	163751	20.478	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.920%
11) 1,1-Dichloroethene-d2	4.033	63	441339	20.561	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.240%
21) 2-Butanone-d5	7.075	46	143245	52.512	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.020%
24) Chloroform-d	7.648	84	478980	24.858	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.440%
26) 1,2-Dichloroethane-d4	8.307	65	258303	24.975	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.920%
32) Benzene-d6	8.276	84	949286	23.217	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.880%
36) 1,2-Dichloropropane-d6	9.270	67	304310	24.058	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.240%
41) Toluene-d8	10.318	98	829573	23.012	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.040%
43) trans-1,3-Dichloroprop...	10.574	79	113498	22.534	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.120%
47) 2-Hexanone-d5	10.922	63	97709	53.720	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	236469	25.518	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	266849	23.378	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	150022	19.640	ug/L	90
3) Chloromethane	2.222	50	228532	25.156	ug/L	100
5) Vinyl chloride	2.375	62	251470	24.501	ug/L	99
6) Bromomethane	2.789	94	140139	25.610	ug/L	100
8) Chloroethane	2.936	64	155231	26.315	ug/L	96
9) Trichlorofluoromethane	3.265	101	178259	20.066	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	213754	24.812	ug/L	99
12) 1,1-Dichloroethene	4.051	96	206680	24.797	ug/L	98
13) Acetone	4.118	43	102694	39.162	ug/L	99
14) Carbon disulfide	4.393	76	634959	24.502	ug/L	99
15) Methyl Acetate	4.667	43	125472	25.505	ug/L	97
16) Methylene chloride	4.917	84	252902	27.173	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	230947	26.432	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	360474	27.404	ug/L	99
19) 1,1-Dichloroethane	6.215	63	502357	27.764	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	258363	27.007	ug/L #	96
22) 2-Butanone	7.167	43	158915	46.846	ug/L	99
23) Bromochloromethane	7.514	128	110108	26.765	ug/L	94
25) Chloroform	7.673	83	470267	27.648	ug/L	97

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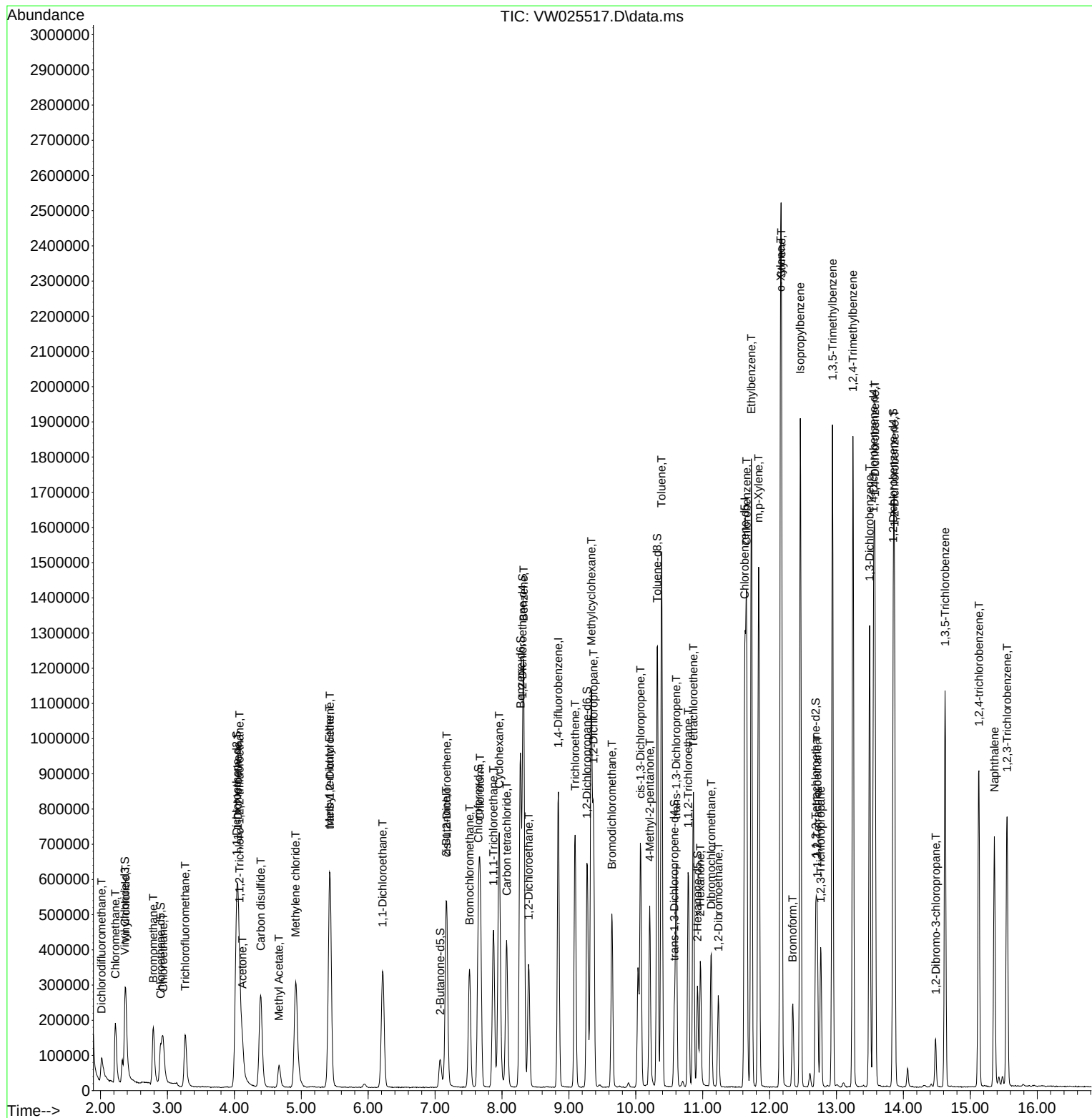
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	317342	27.957	ug/L	98
29) Cyclohexane	7.959	56	426803	25.269	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	355363	24.982	ug/L	99
31) Carbon tetrachloride	8.069	117	310199	24.328	ug/L	99
33) Benzene	8.325	78	1047780	27.388	ug/L	100
34) Trichloroethene	9.093	95	257127	25.607	ug/L	95
35) Methylcyclohexane	9.337	83	426755	24.672	ug/L	99
37) 1,2-Dichloropropane	9.367	63	287243	27.276	ug/L	100
38) Bromodichloromethane	9.642	83	327557	26.671	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	400244	26.382	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	351267	55.498	ug/L	99
42) Toluene	10.385	91	1077770	27.285	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	329781	25.957	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	188727	26.686	ug/L	98
46) Tetrachloroethene	10.861	164	179723	25.155	ug/L	98
48) 2-Hexanone	10.965	43	240152	52.738	ug/L	99
49) Dibromochloromethane	11.129	129	193966	25.669	ug/L	100
50) 1,2-Dibromoethane	11.233	107	170566	26.056	ug/L	95
51) Chlorobenzene	11.654	112	657439	26.225	ug/L	99
52) Ethylbenzene	11.727	91	1208662	26.829	ug/L	97
53) m,p-Xylene	11.836	106	445954	26.839	ug/L	98
54) o-Xylene	12.166	106	429366	27.461	ug/L	98
55) Styrene	12.178	104	752480	28.182	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	230630	26.217	ug/L	99
59) Bromoform	12.342	173	108709	24.548	ug/L	99
60) Isopropylbenzene	12.458	105	1169743	25.565	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	168067	25.132	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	966224	26.663	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	949825	26.606	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	492108	25.381	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	495971	24.938	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	441948	25.415	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	35755	23.095	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	307122	23.303	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	270888	24.789	ug/L	99
71) Naphthalene	15.360	128	558228	25.879	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	249301	25.400	ug/L	97

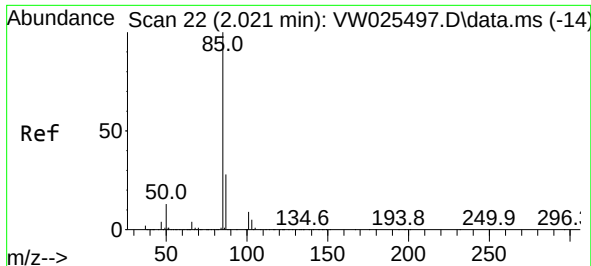
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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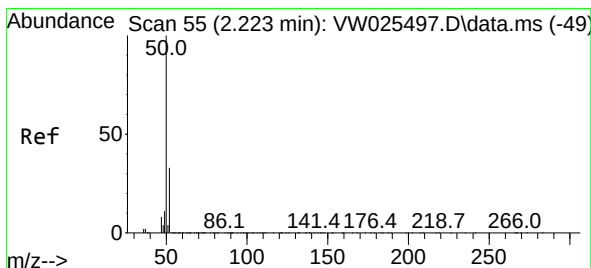
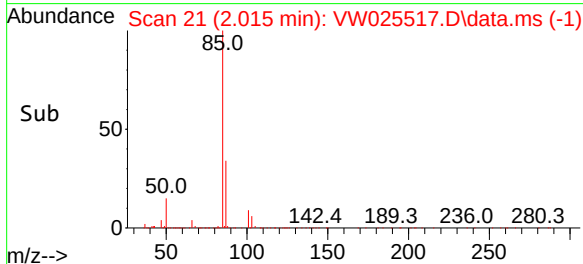
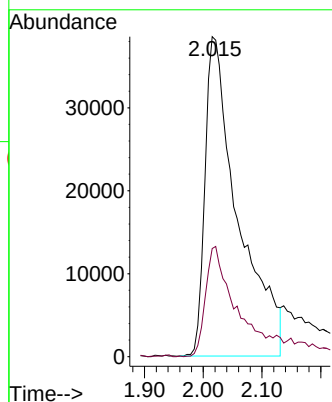
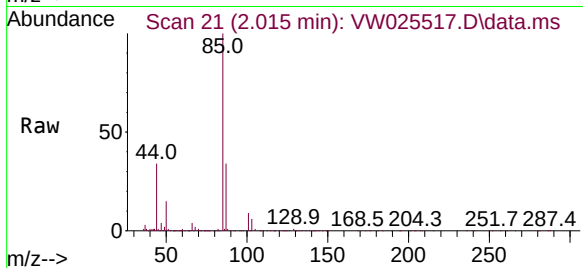




#2
 Dichlorodifluoromethane
 Concen: 19.640 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW025517.D
 Acq: 30 Mar 2023 21:22

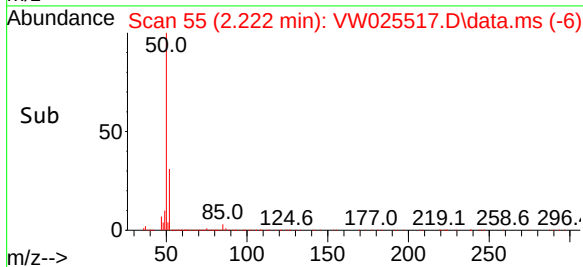
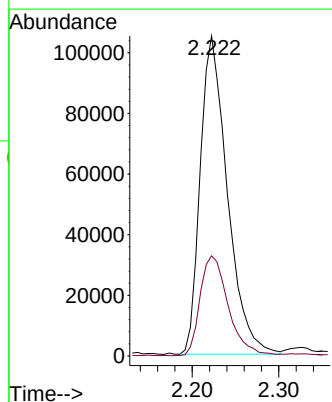
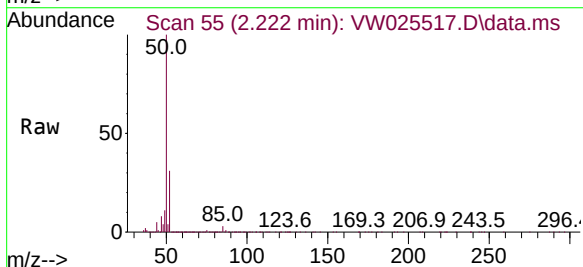
Instrument :
 MSVOA_W
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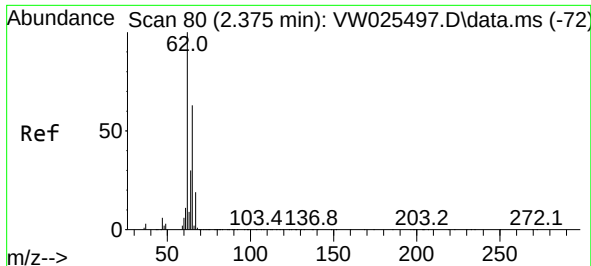
Tgt Ion: 85 Resp: 150022
 Ion Ratio Lower Upper
 85 100
 87 30.6 20.5 30.7



#3
 Chloromethane
 Concen: 25.156 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW025517.D
 Acq: 30 Mar 2023 21:22

Tgt Ion: 50 Resp: 228532
 Ion Ratio Lower Upper
 50 100
 52 31.3 21.9 40.7

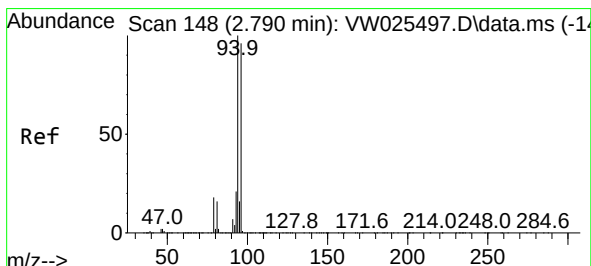
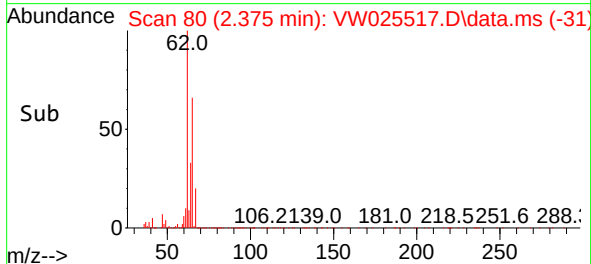
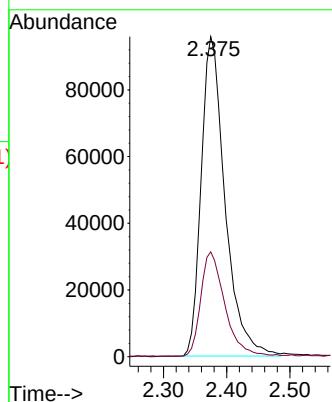
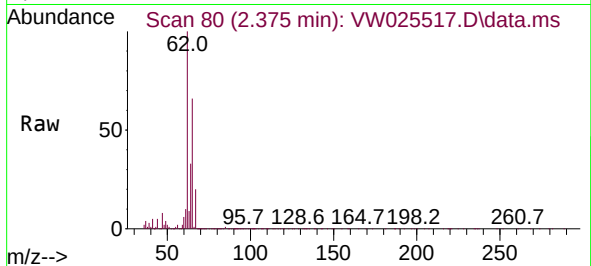




#5
 Vinyl chloride
 Concen: 24.501 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025517.D
 Acq: 30 Mar 2023 21:22

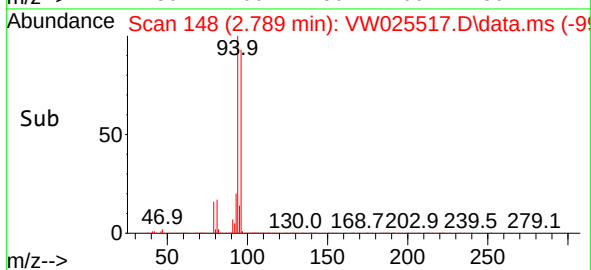
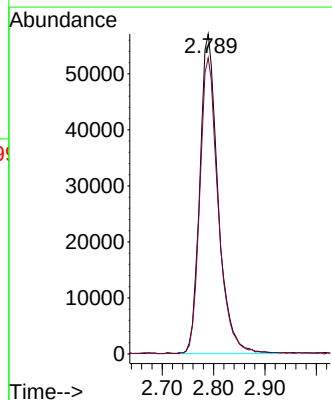
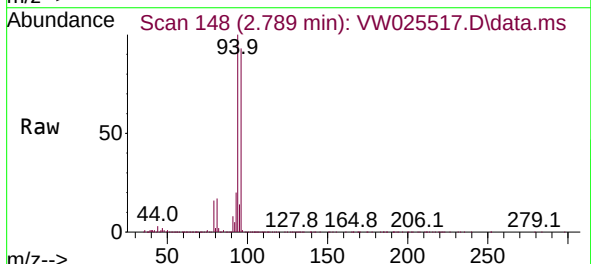
Instrument :
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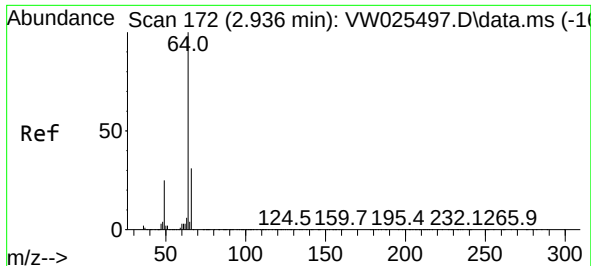
Tgt Ion: 62 Resp: 251470
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.4 43.6



#6
 Bromomethane
 Concen: 25.610 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025517.D
 Acq: 30 Mar 2023 21:22

Tgt Ion: 94 Resp: 140139
 Ion Ratio Lower Upper
 94 100
 96 92.5 64.5 119.9

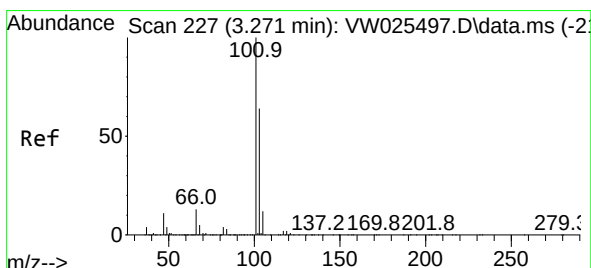
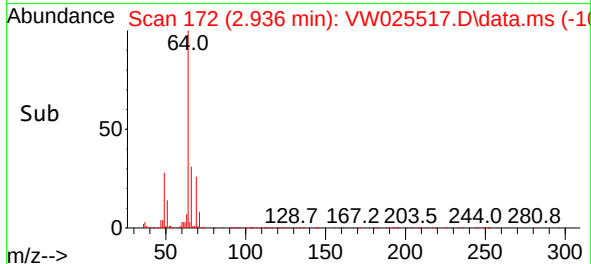
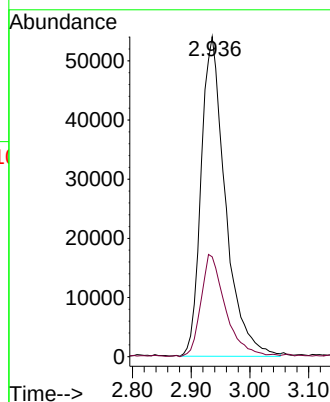
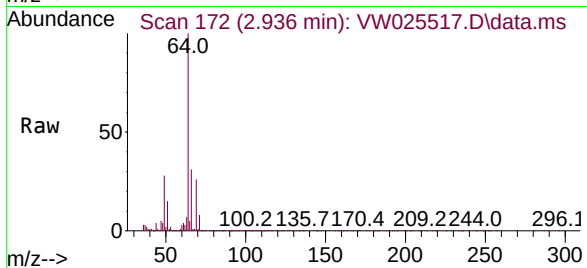




#8
Chloroethane
Concen: 26.315 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

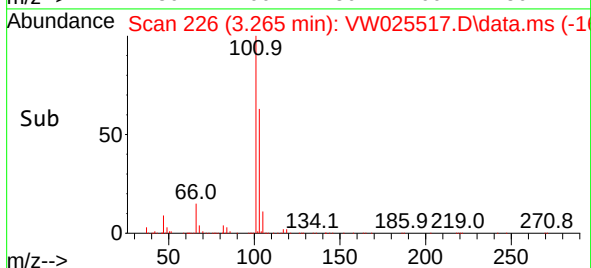
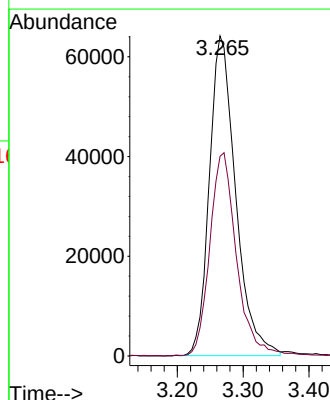
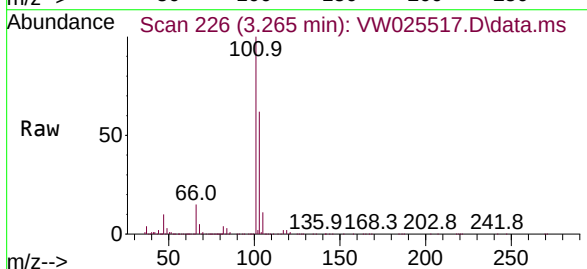
Instrument :
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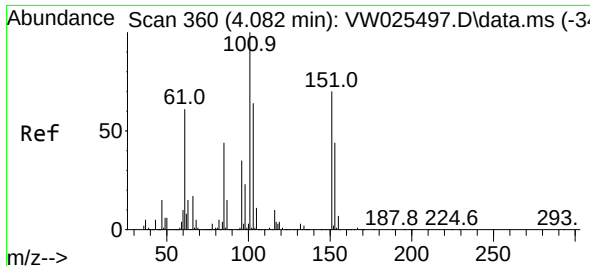
Tgt Ion: 64 Resp: 155231
Ion Ratio Lower Upper
64 100
66 31.2 23.3 43.3



#9
Trichlorofluoromethane
Concen: 20.066 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

Tgt Ion: 101 Resp: 178259
Ion Ratio Lower Upper
101 100
103 63.7 51.5 77.3

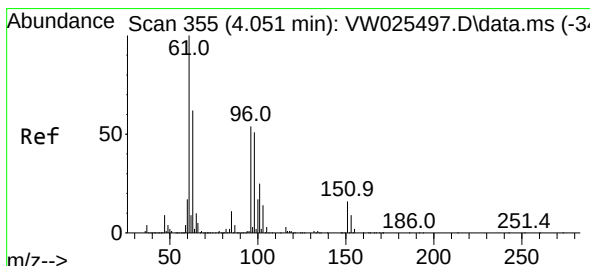
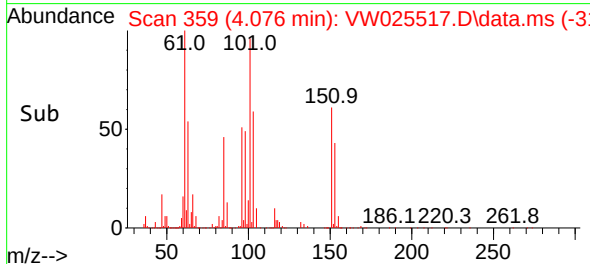
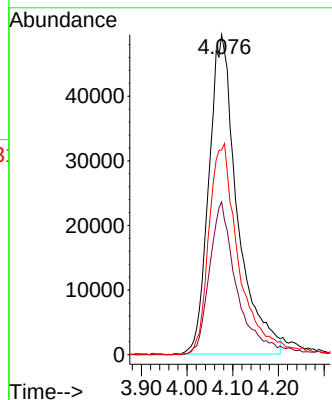
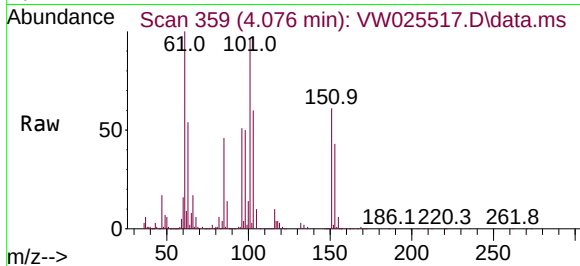




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.812 ug/L
 RT: 4.076 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW025517.D
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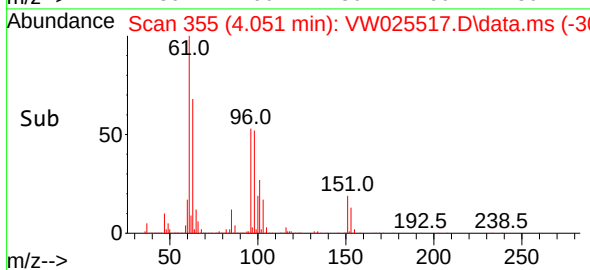
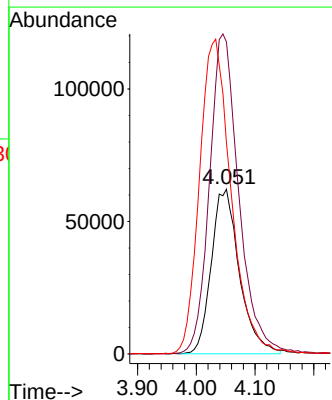
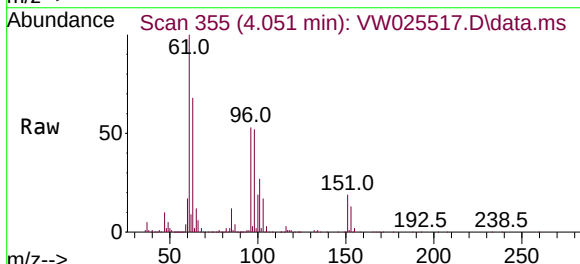
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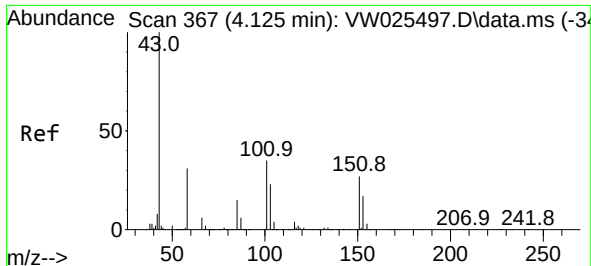
Tgt Ion:101 Resp: 213754
 Ion Ratio Lower Upper
 101 100
 85 45.3 35.8 53.8
 151 68.7 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 24.797 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW025517.D
 Acq: 30 Mar 2023 21:22

Tgt Ion: 96 Resp: 206680
 Ion Ratio Lower Upper
 96 100
 61 189.3 130.7 242.7
 63 128.1 88.3 164.1

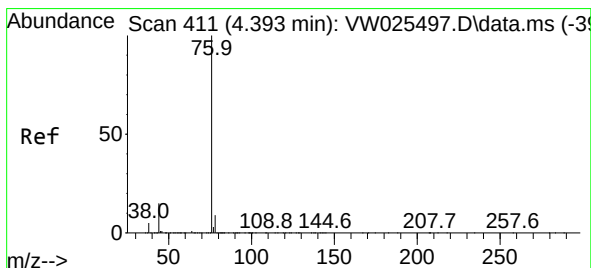
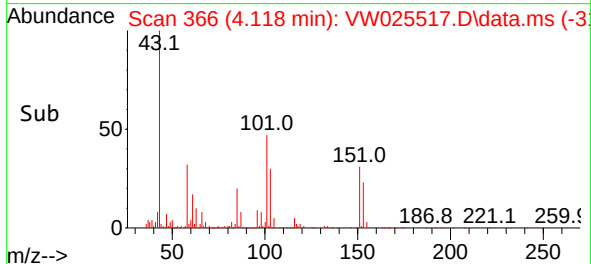
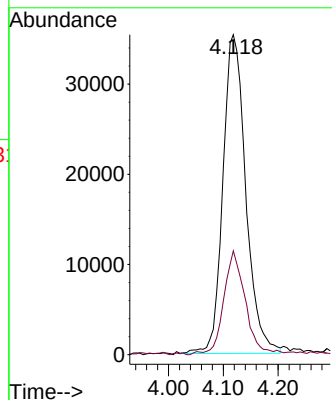
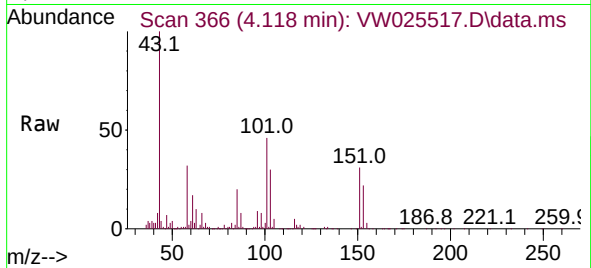




#13
Acetone
Concen: 39.162 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW025517.D
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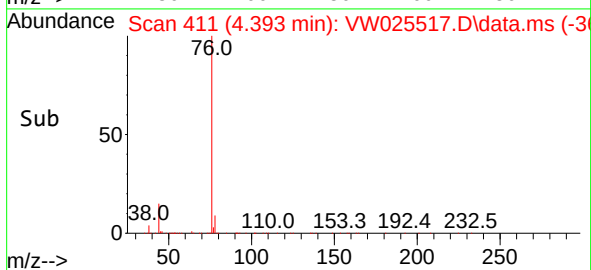
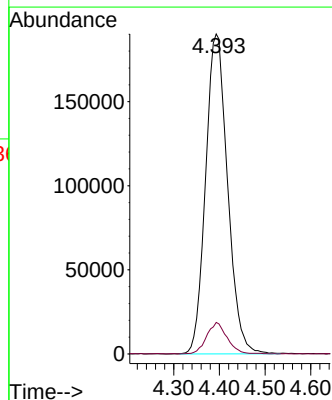
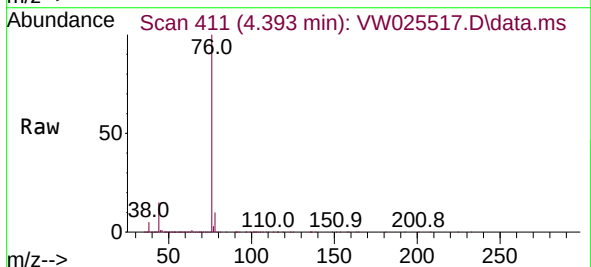
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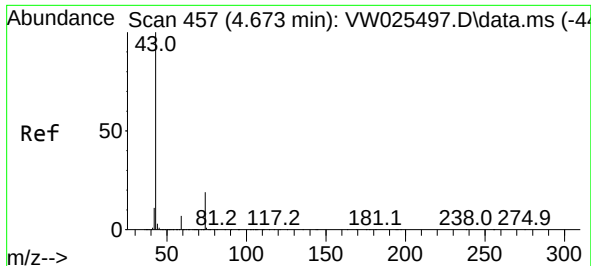
Tgt Ion: 43 Resp: 102694
Ion Ratio Lower Upper
43 100
58 29.5 0.0 60.0



#14
Carbon disulfide
Concen: 24.502 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 634959
Ion Ratio Lower Upper
76 100
78 9.9 7.6 11.4

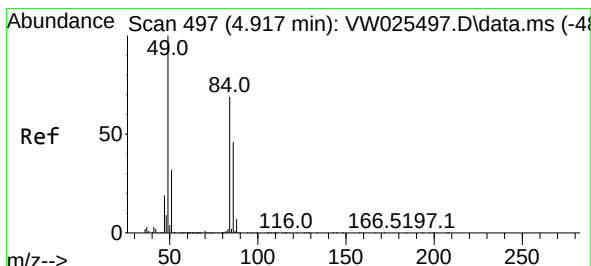
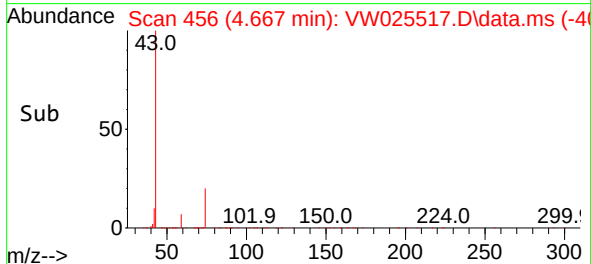
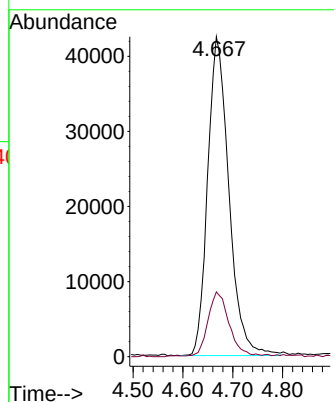
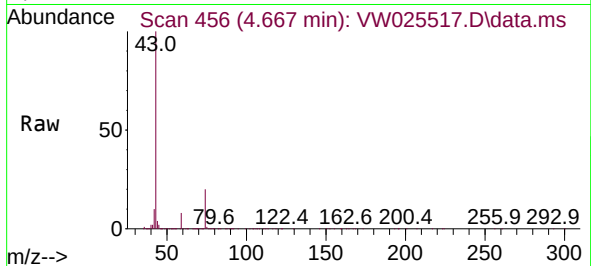




#15
Methyl Acetate
Concen: 25.505 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

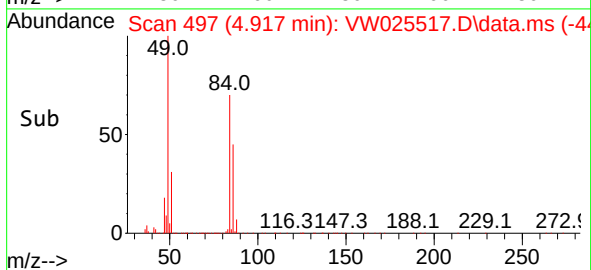
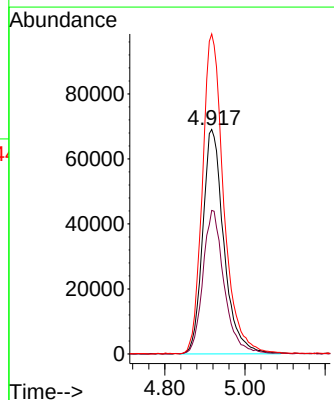
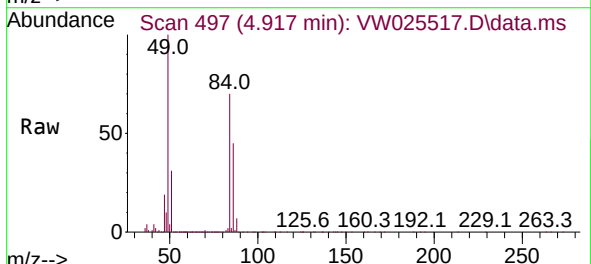
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

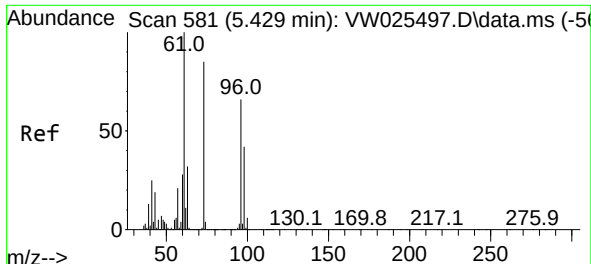
Tgt Ion: 43 Resp: 125472
Ion Ratio Lower Upper
43 100
74 19.9 17.0 25.4



#16
Methylene chloride
Concen: 27.173 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

Tgt Ion: 84 Resp: 252902
Ion Ratio Lower Upper
84 100
86 64.0 45.1 83.7
49 142.5 94.7 175.9

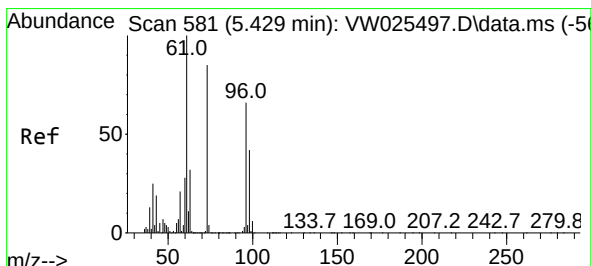
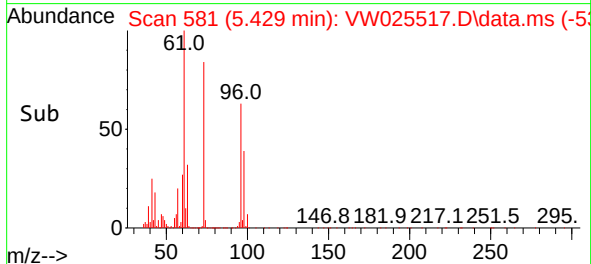
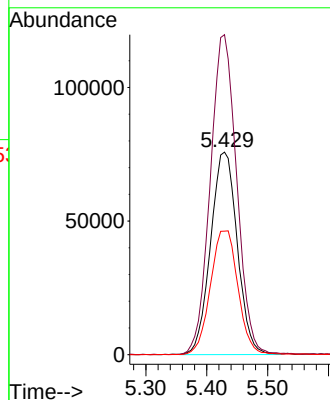
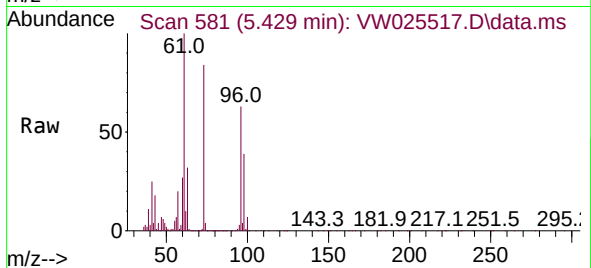




#17
trans-1,2-Dichloroethene
Concen: 26.432 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

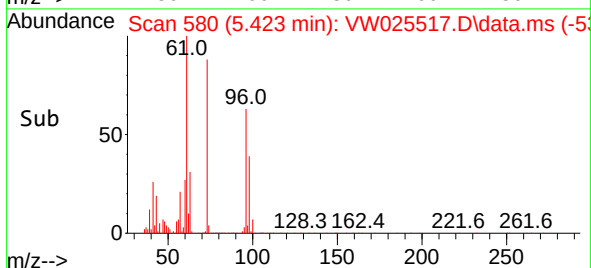
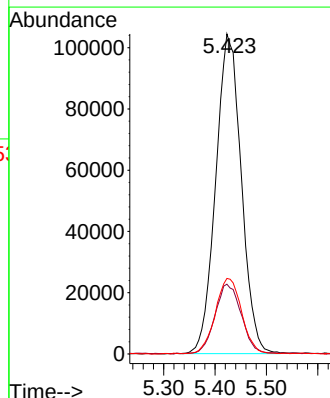
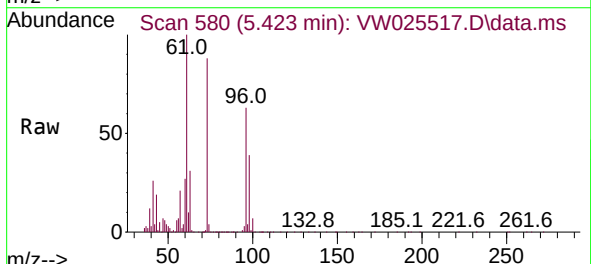
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

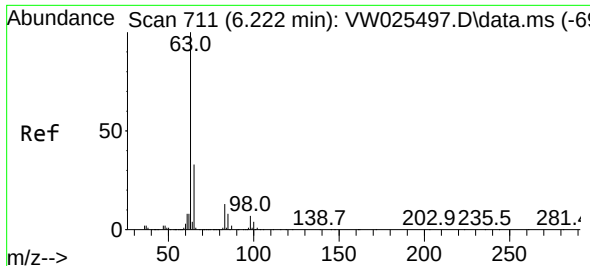
Tgt Ion: 96 Resp: 230947
Ion Ratio Lower Upper
96 100
61 157.9 103.0 191.4
98 61.0 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 27.404 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

Tgt Ion: 73 Resp: 360474
Ion Ratio Lower Upper
73 100
43 22.2 17.6 26.4
57 24.1 18.6 28.0

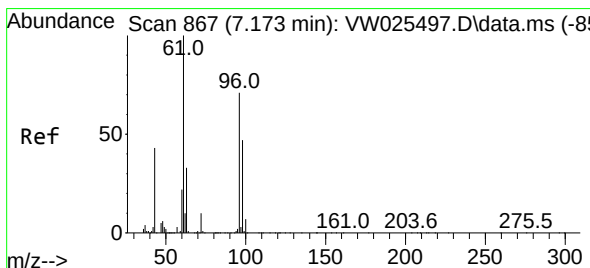
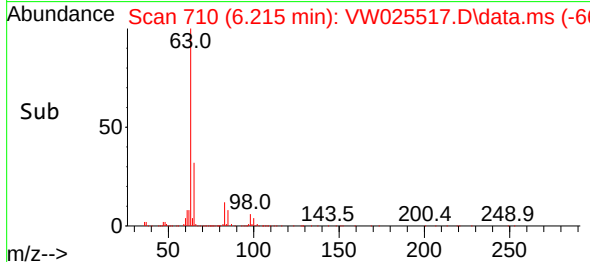
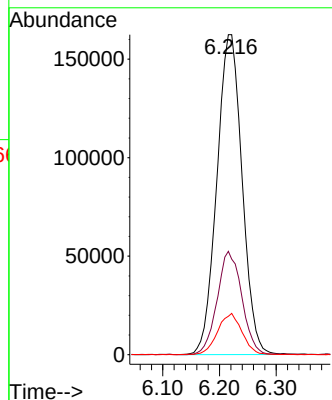
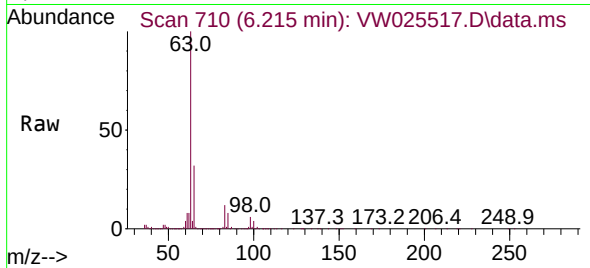




#19
1,1-Dichloroethane
Concen: 27.764 ug/L
RT: 6.215 min Scan# 711
Delta R.T. -0.006 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

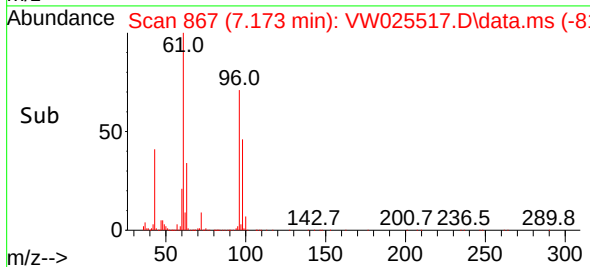
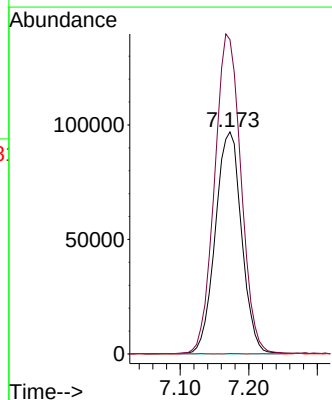
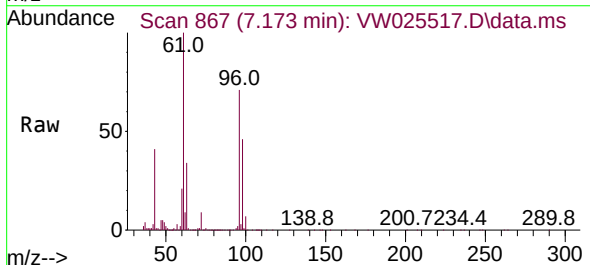
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

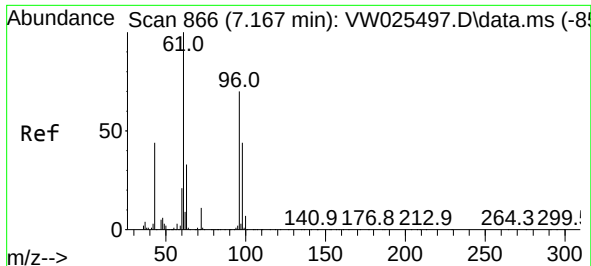
Tgt Ion: 63 Resp: 502357
Ion Ratio Lower Upper
63 100
65 32.3 21.7 40.3
83 12.0 8.4 15.6



#20
cis-1,2-Dichloroethene
Concen: 27.007 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

Tgt Ion: 96 Resp: 258363
Ion Ratio Lower Upper
96 100
61 141.5 95.5 177.4
68 0.2 0.1 0.1#

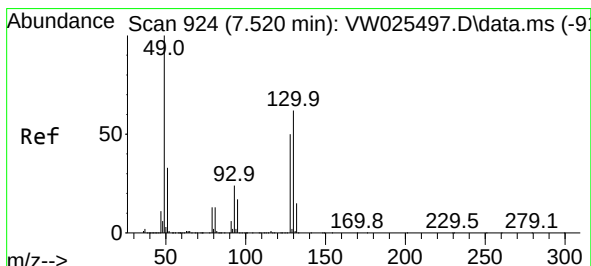
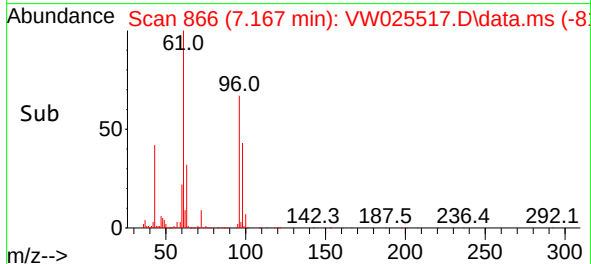
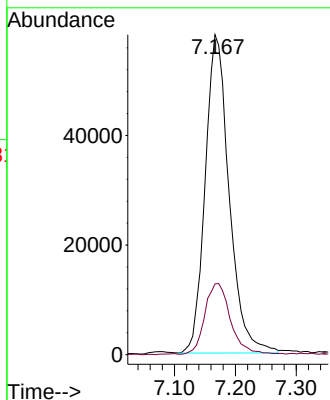
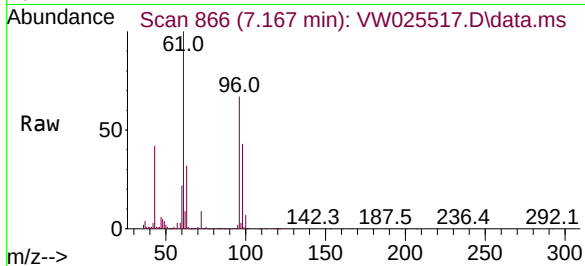




#22
2-Butanone
Concen: 46.846 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

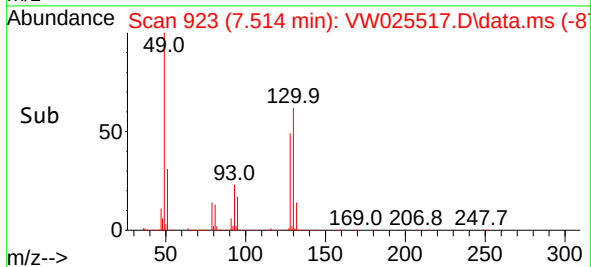
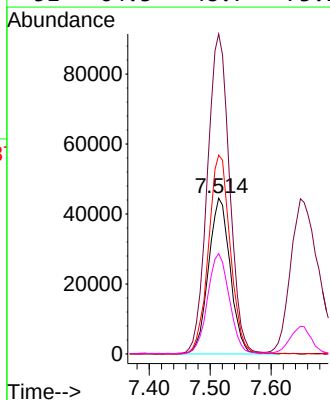
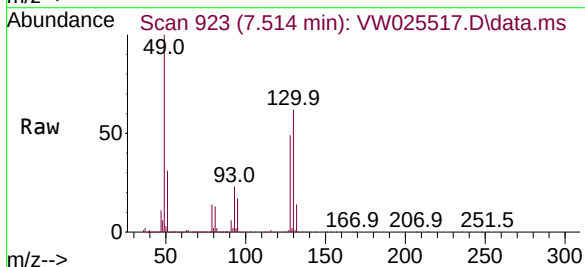
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

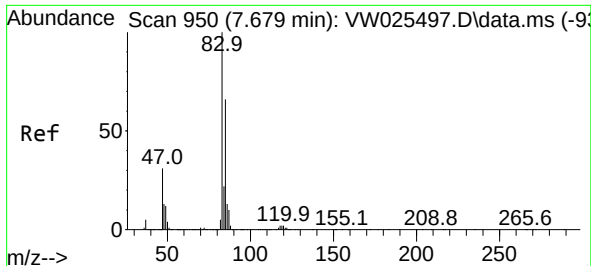
Tgt Ion: 43 Resp: 158915
Ion Ratio Lower Upper
43 100
72 23.7 12.0 36.1



#23
Bromochloromethane
Concen: 26.765 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

Tgt Ion: 128 Resp: 110108
Ion Ratio Lower Upper
128 100
49 205.3 140.6 261.0
130 127.6 80.8 150.0
51 64.3 48.7 73.1

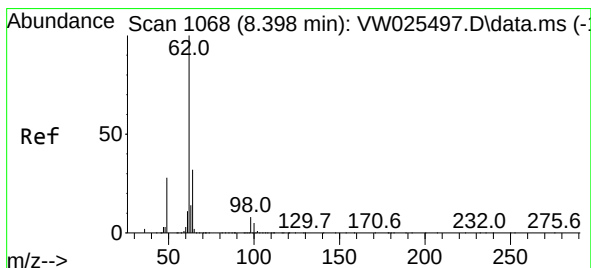
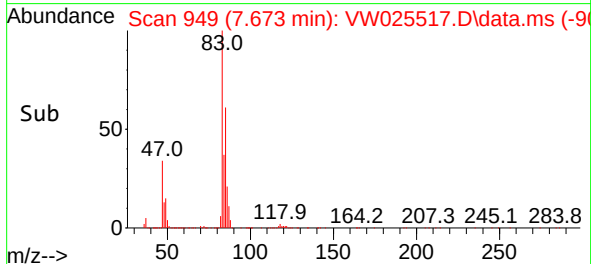
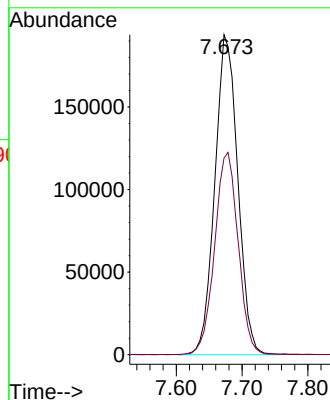
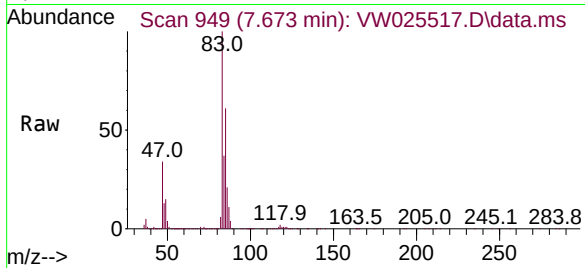




#25
Chloroform
Concen: 27.648 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

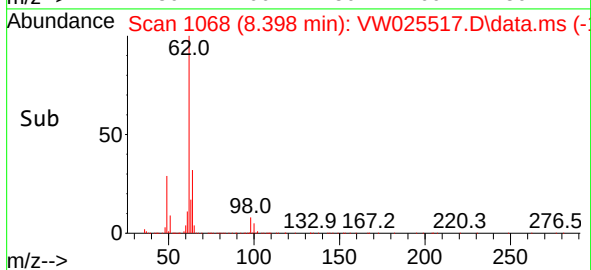
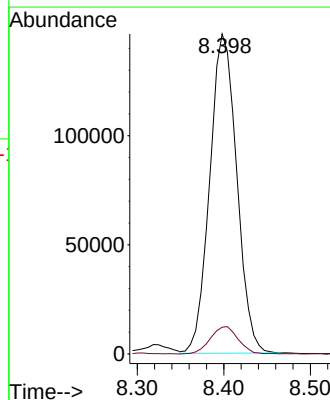
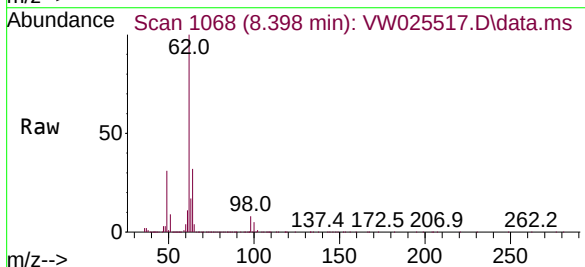
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

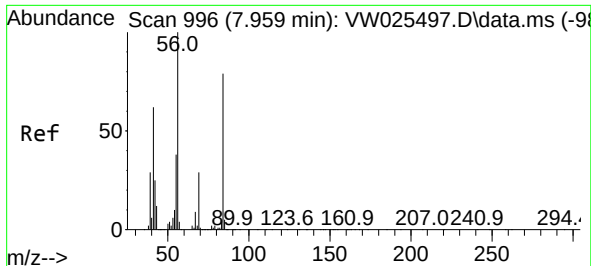
Tgt Ion: 83 Resp: 470267
Ion Ratio Lower Upper
83 100
85 61.4 44.7 82.9



#27
1,2-Dichloroethane
Concen: 27.957 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

Tgt Ion: 62 Resp: 317342
Ion Ratio Lower Upper
62 100
98 8.3 7.2 10.8

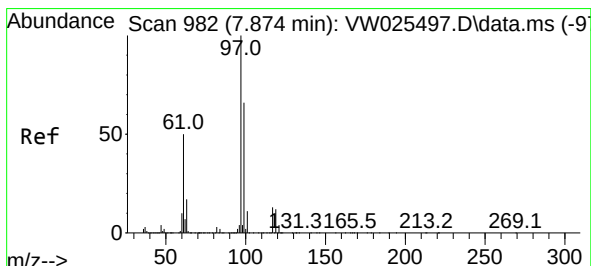
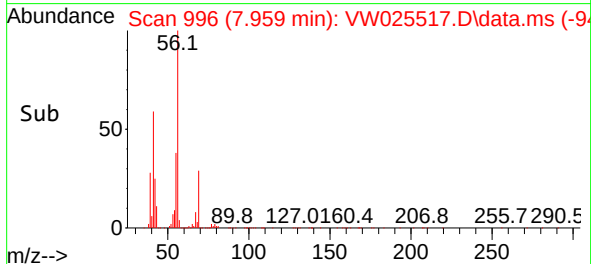
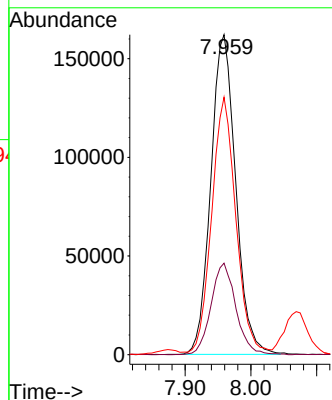
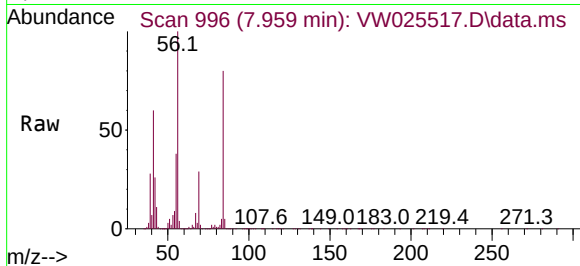




#29
Cyclohexane
Concen: 25.269 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

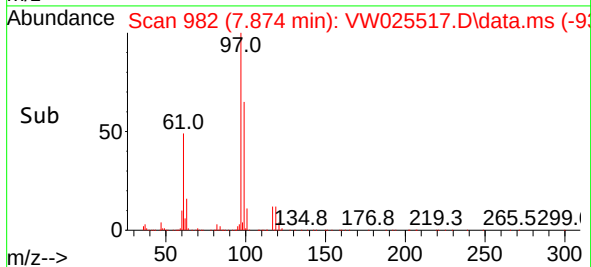
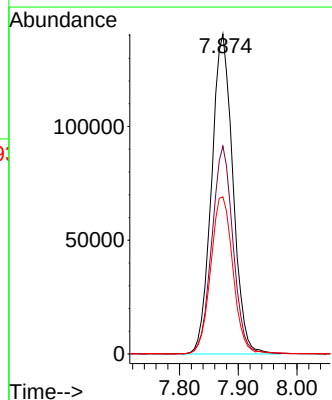
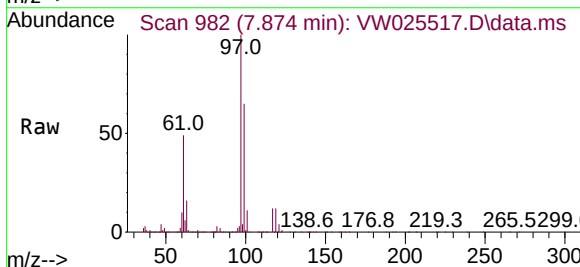
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

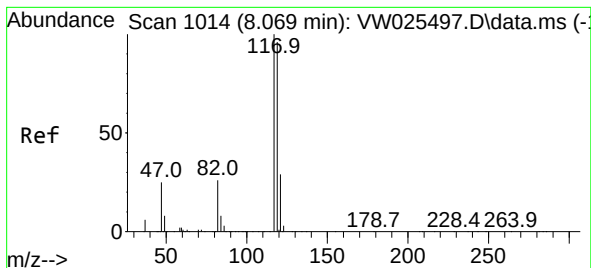
Tgt Ion: 56 Resp: 426803
Ion Ratio Lower Upper
56 100
69 28.5 23.1 34.7
84 78.7 63.9 95.9



#30
1,1,1-Trichloroethane
Concen: 24.982 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

Tgt Ion: 97 Resp: 355363
Ion Ratio Lower Upper
97 100
99 64.4 50.9 76.3
61 50.4 39.8 59.6

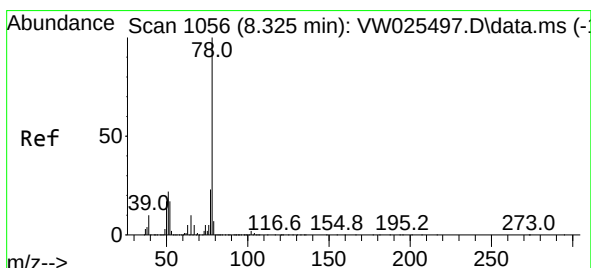
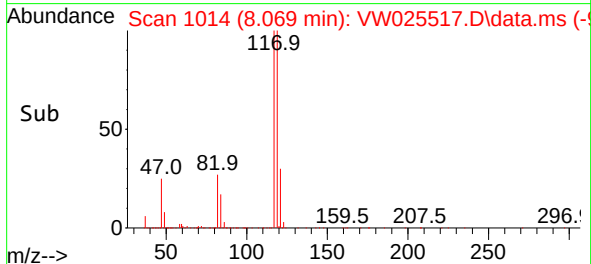
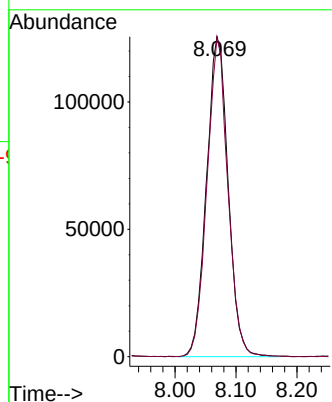
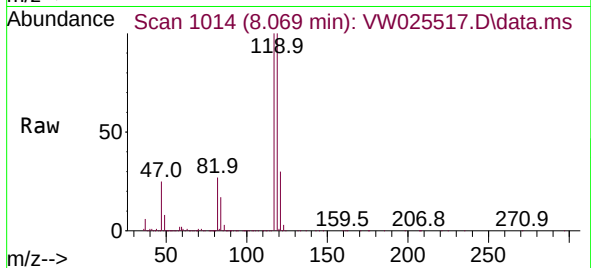




#31
Carbon tetrachloride
Concen: 24.328 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

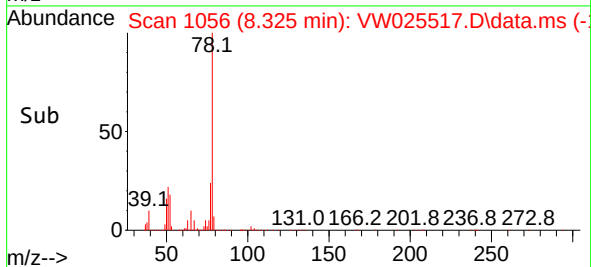
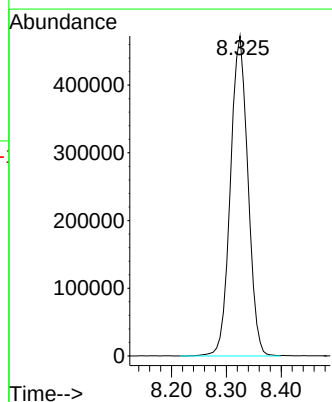
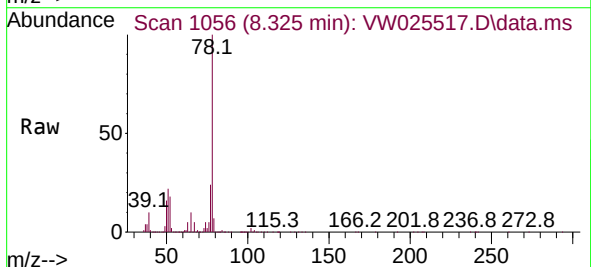
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

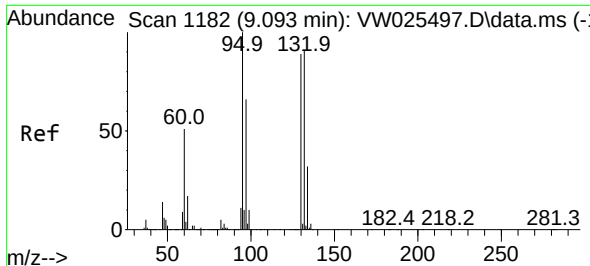
Tgt Ion:117 Resp: 310199
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.6



#33
Benzene
Concen: 27.388 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

Tgt Ion: 78 Resp: 1047780



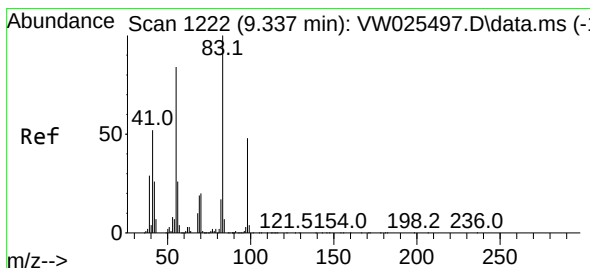
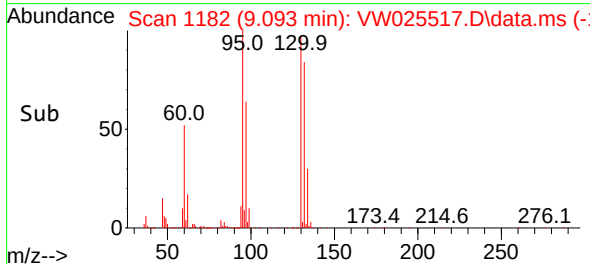
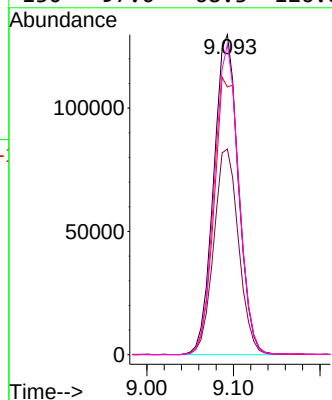
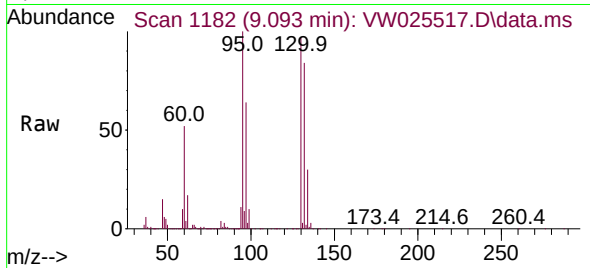


#34
Trichloroethene
Concen: 25.607 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

Tgt Ion: 95 Resp: 257127

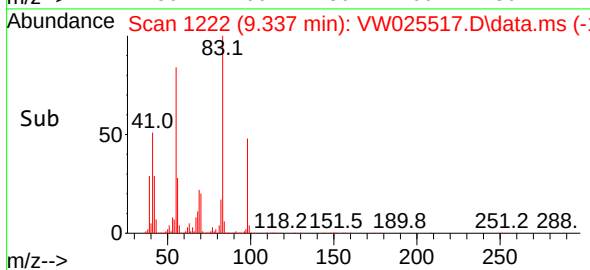
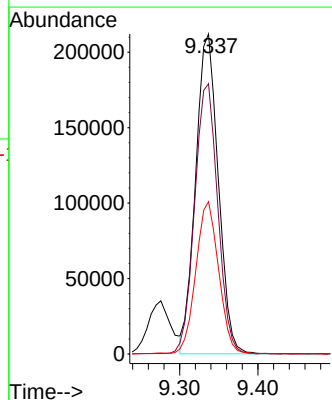
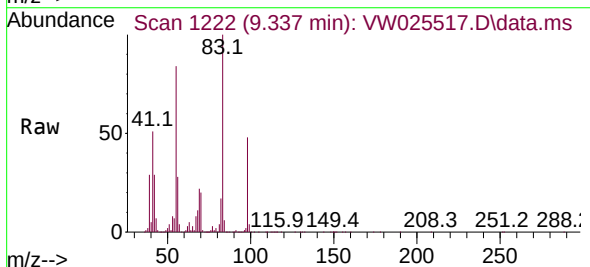
Ion	Ratio	Lower	Upper
95	100		
97	64.3	43.8	81.4
132	83.7	65.9	122.3
130	97.0	68.3	126.8

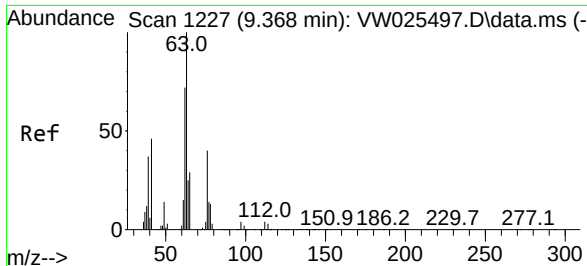


#35
Methylcyclohexane
Concen: 24.672 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

Tgt Ion: 83 Resp: 426755

Ion	Ratio	Lower	Upper
83	100		
55	86.2	68.2	102.4
98	47.9	39.0	58.4





#37

1,2-Dichloropropane

Concen: 27.276 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW025517.D

Acq: 30 Mar 2023 21:22

Instrument :

MSVOA_W

ClientSampleId :

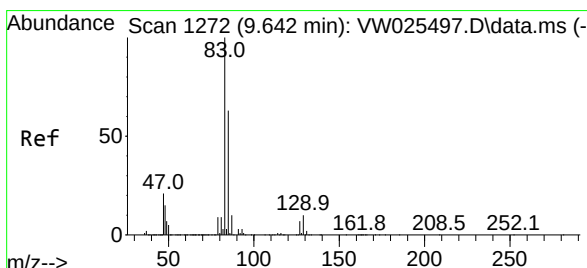
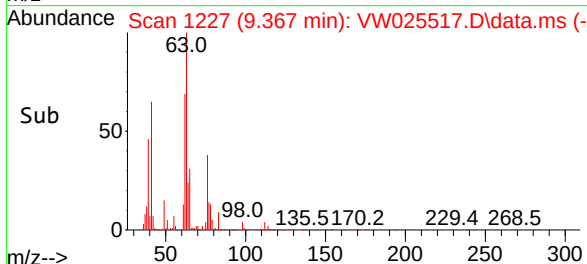
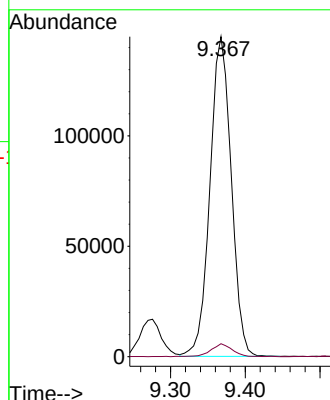
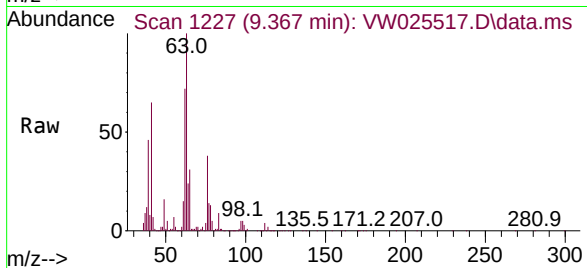
VSTD025561

Tgt Ion: 63 Resp: 287243

Ion Ratio Lower Upper

63 100

112 3.9 3.2 4.8



#38

Bromodichloromethane

Concen: 26.671 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025517.D

Acq: 30 Mar 2023 21:22

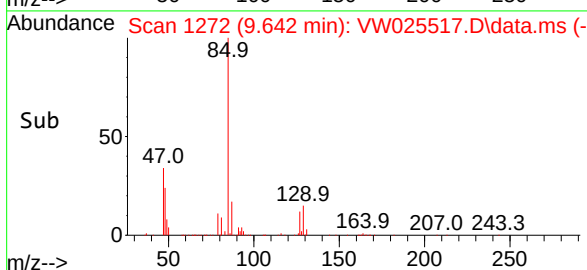
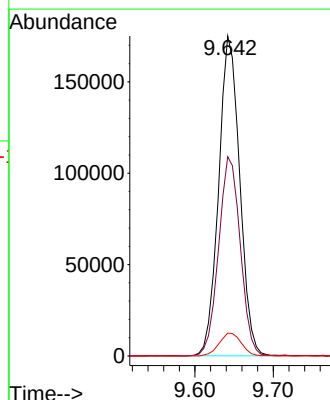
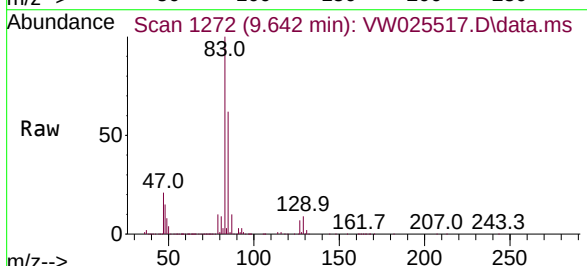
Tgt Ion: 83 Resp: 327557

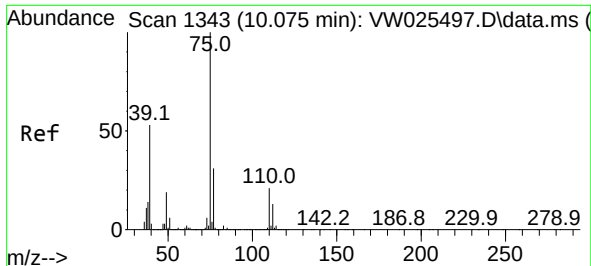
Ion Ratio Lower Upper

83 100

85 62.2 44.7 83.1

127 7.2 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 26.382 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW025517.D

Acq: 30 Mar 2023 21:22

Instrument :

MSVOA_W

ClientSampleId :

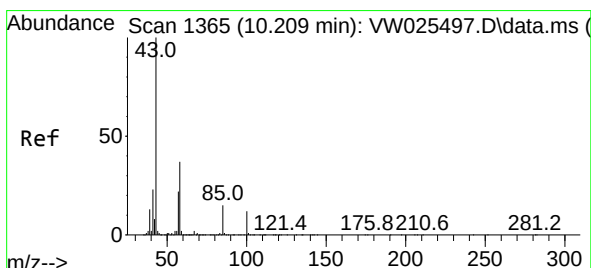
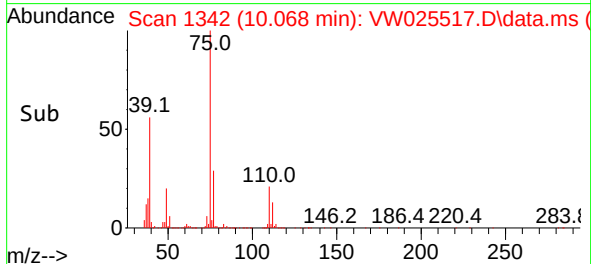
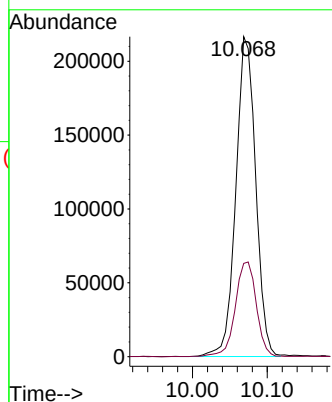
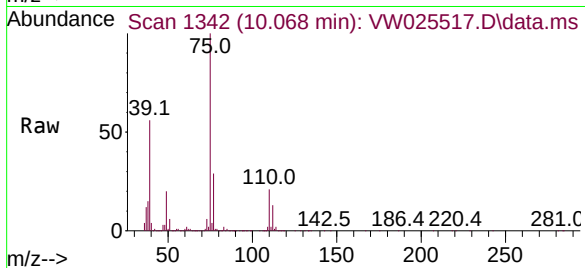
VSTD025561

Tgt Ion: 75 Resp: 400244

Ion Ratio Lower Upper

75 100

77 29.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 55.498 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025517.D

Acq: 30 Mar 2023 21:22

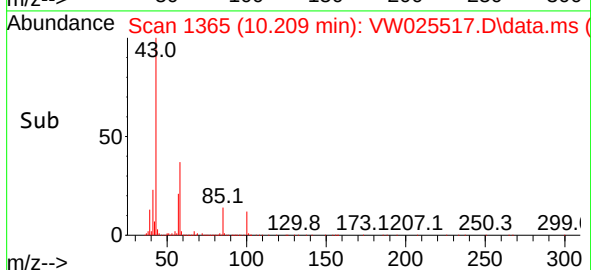
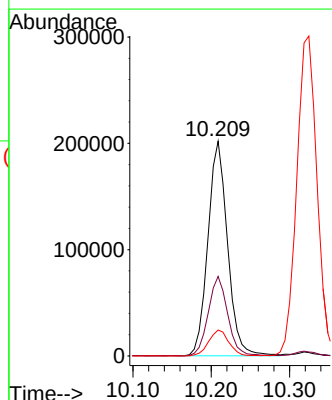
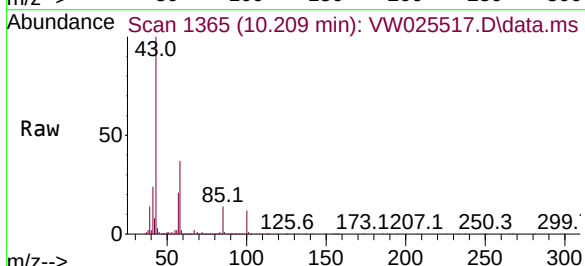
Tgt Ion: 43 Resp: 351267

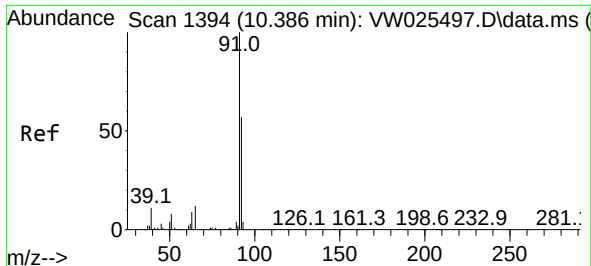
Ion Ratio Lower Upper

43 100

58 36.8 29.6 44.4

100 12.5 10.6 16.0

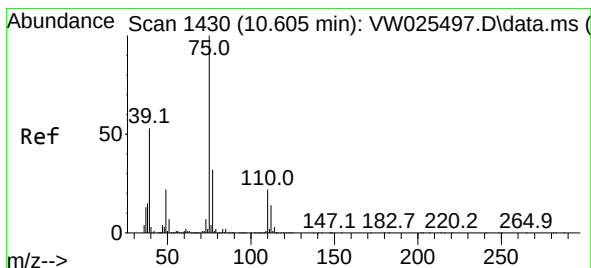
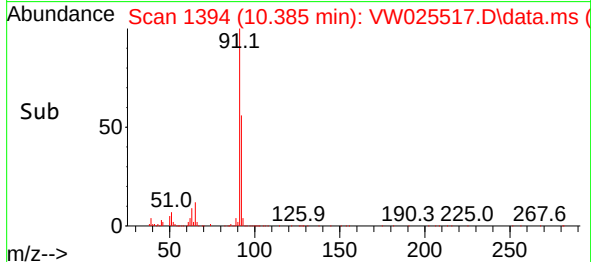
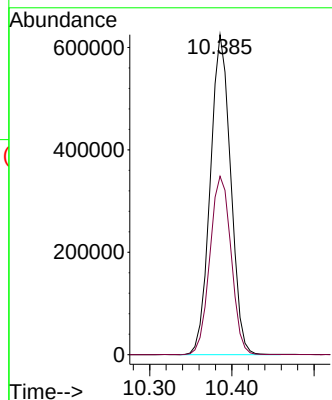
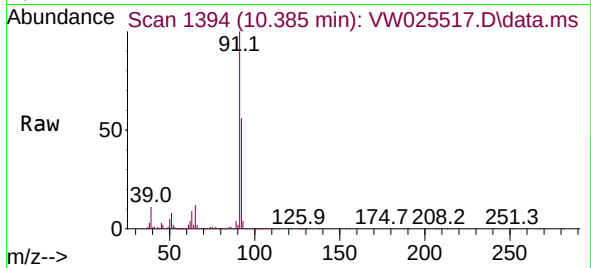




#42
Toluene
Concen: 27.285 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

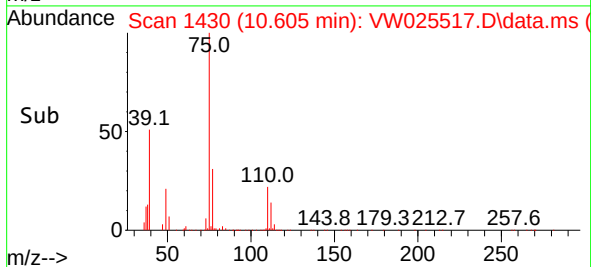
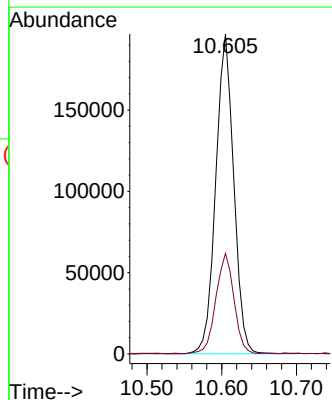
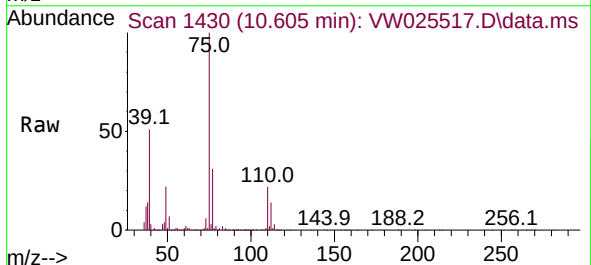
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

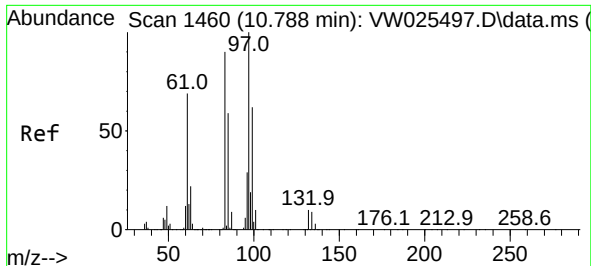
Tgt Ion: 91 Resp: 1077770
Ion Ratio Lower Upper
91 100
92 55.7 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 25.957 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

Tgt Ion: 75 Resp: 329781
Ion Ratio Lower Upper
75 100
77 31.4 22.3 41.3



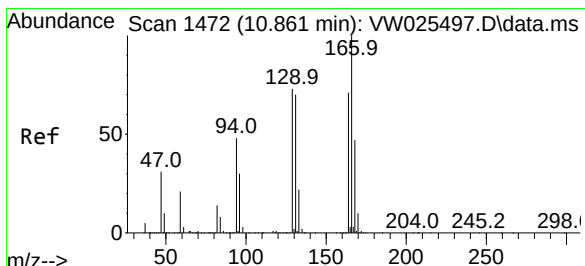
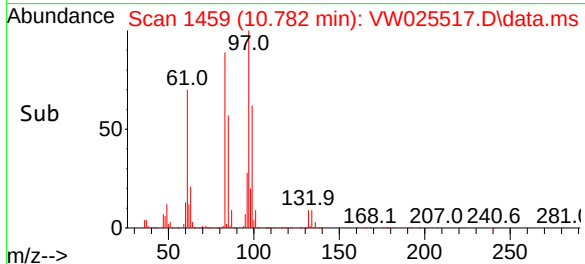
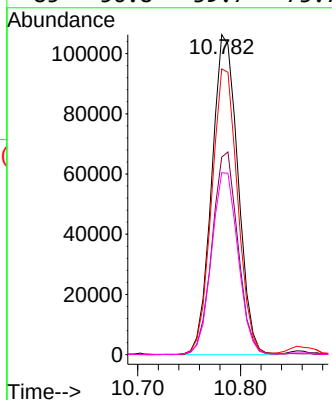
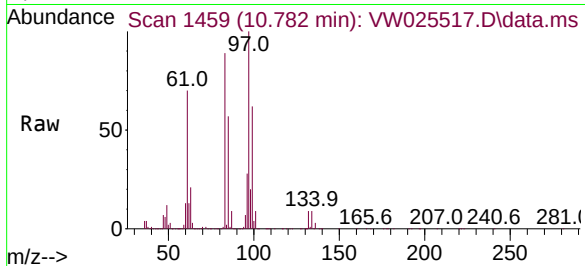


#45
1,1,2-Trichloroethane
Concen: 26.686 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

Tgt Ion: 97 Resp: 188727

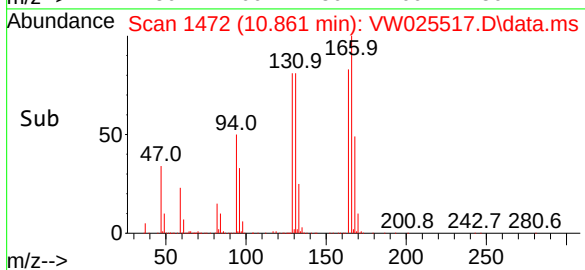
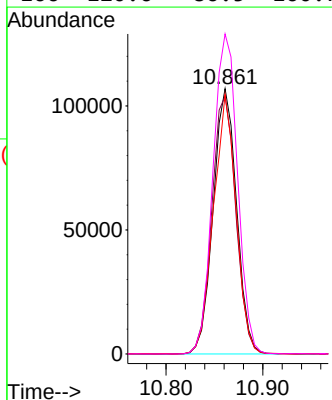
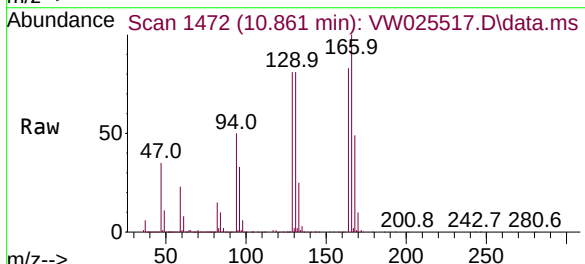
Ion	Ratio	Lower	Upper
97	100		
99	61.7	42.6	79.0
83	89.3	60.5	112.3
85	56.8	39.7	73.7

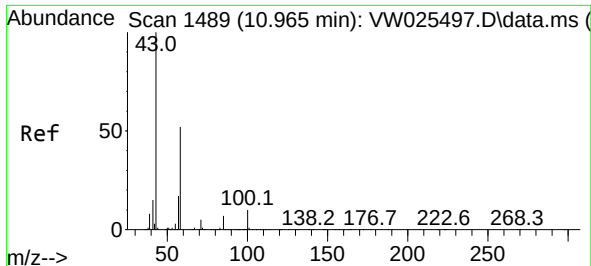


#46
Tetrachloroethene
Concen: 25.155 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

Tgt Ion: 164 Resp: 179723

Ion	Ratio	Lower	Upper
164	100		
129	97.2	67.7	125.7
131	97.9	67.0	124.4
166	120.6	86.5	160.7

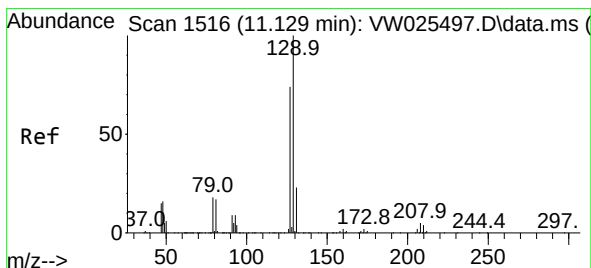
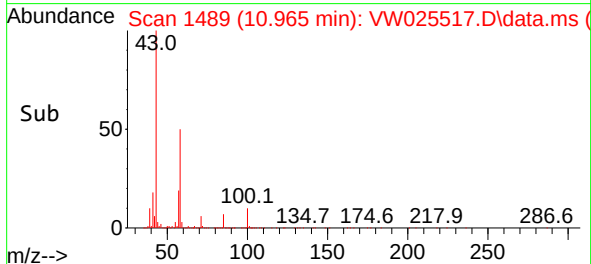
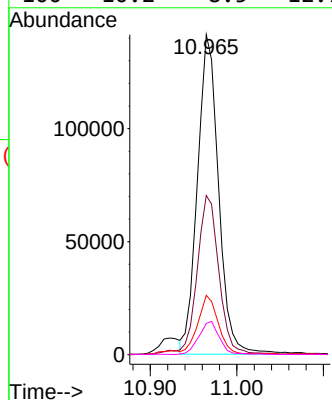
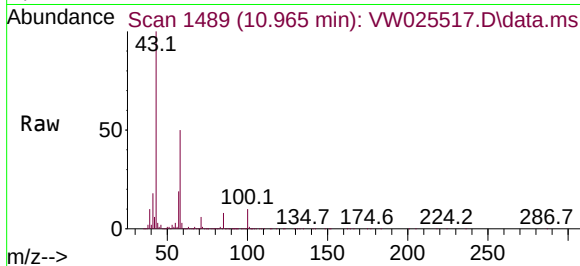




#48
2-Hexanone
Concen: 52.738 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

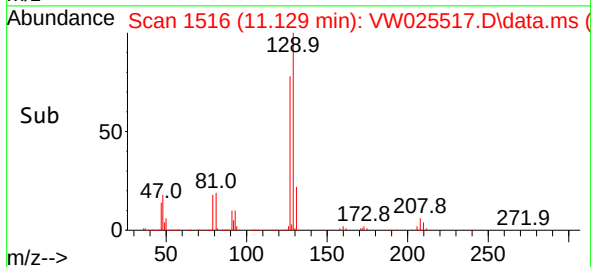
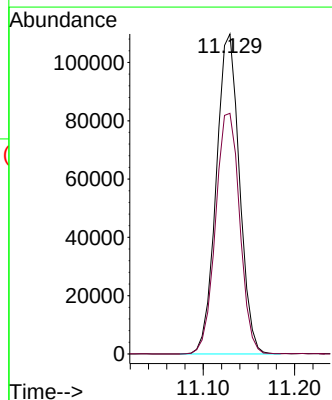
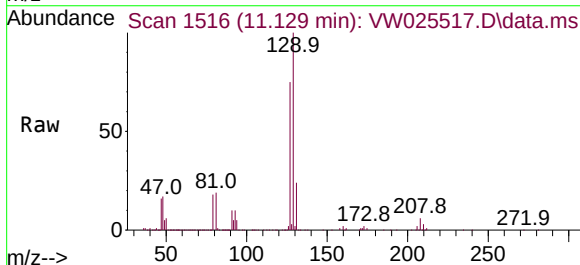
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

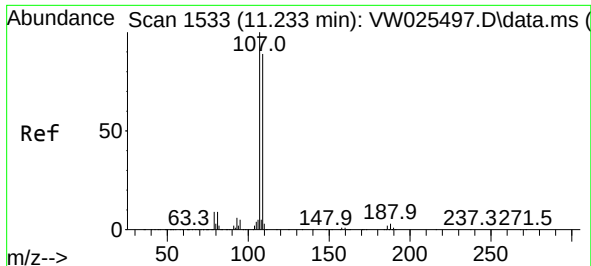
Tgt Ion: 43 Resp: 240152
Ion Ratio Lower Upper
43 100
58 51.0 41.2 61.8
57 17.8 14.2 21.4
100 10.2 8.5 12.7



#49
Dibromochloromethane
Concen: 25.669 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

Tgt Ion:129 Resp: 193966
Ion Ratio Lower Upper
129 100
127 75.2 52.8 98.2





#50

1,2-Dibromoethane

Concen: 26.056 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025517.D

Acq: 30 Mar 2023 21:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD025561

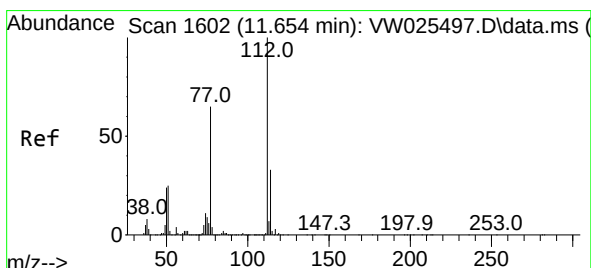
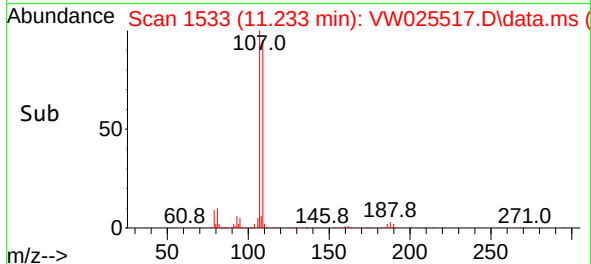
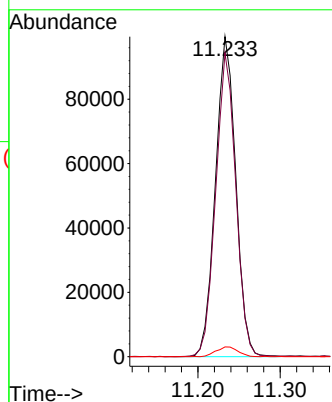
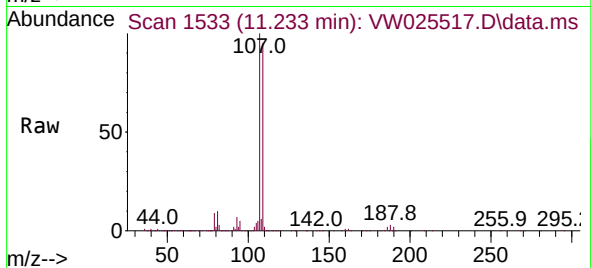
Tgt Ion:107 Resp: 170566

Ion Ratio Lower Upper

107 100

109 94.8 62.9 116.9

188 3.1 3.0 4.4



#51

Chlorobenzene

Concen: 26.225 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025517.D

Acq: 30 Mar 2023 21:22

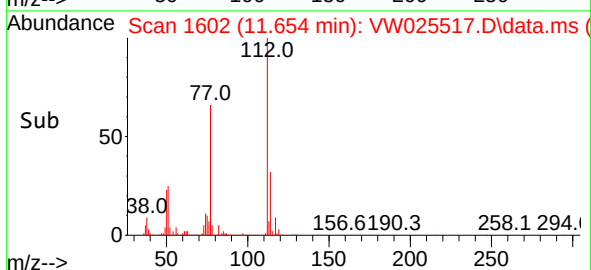
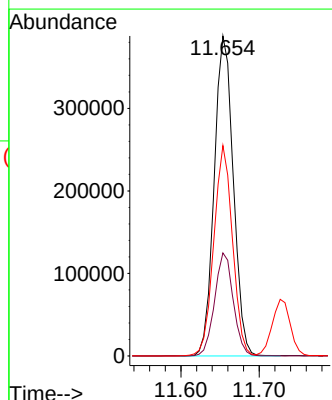
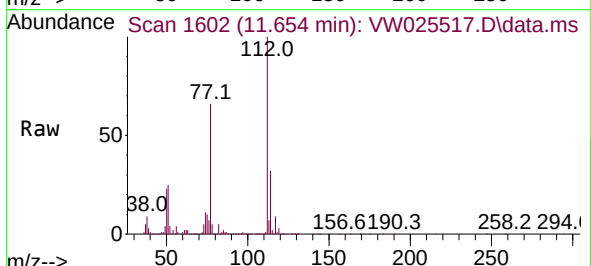
Tgt Ion:112 Resp: 657439

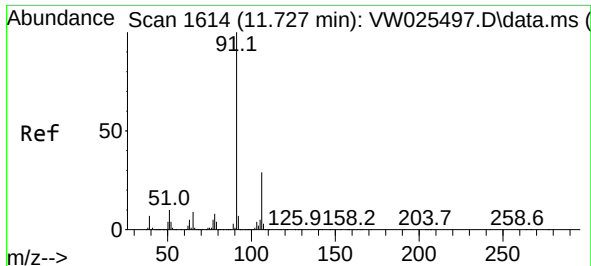
Ion Ratio Lower Upper

112 100

114 32.2 21.9 40.7

77 65.8 51.8 77.8

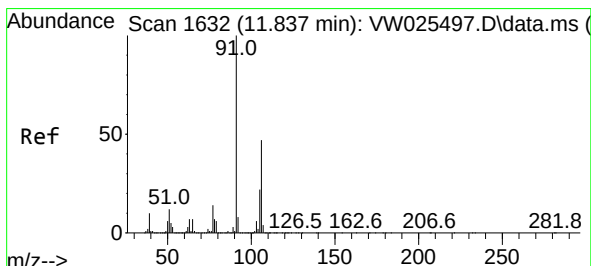
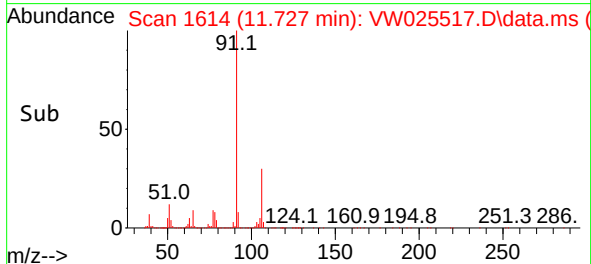
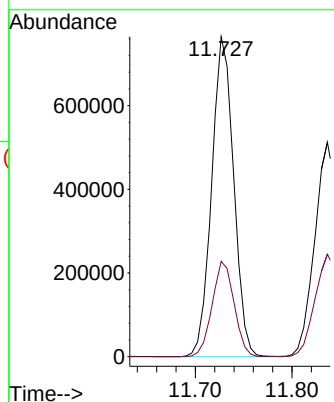
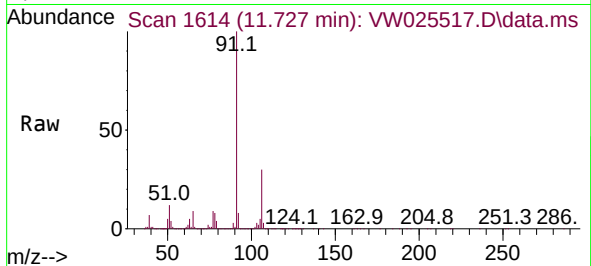




#52
Ethylbenzene
Concen: 26.829 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

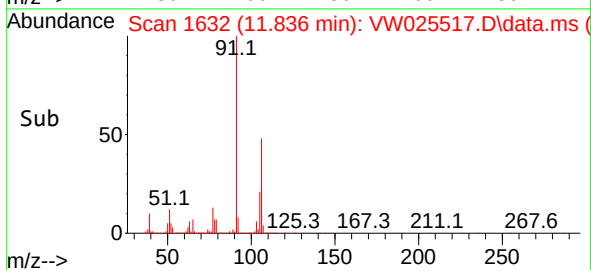
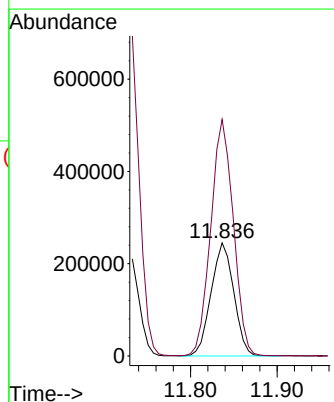
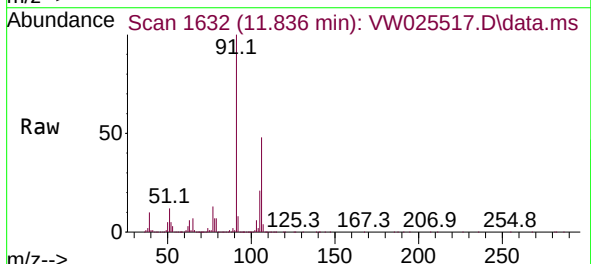
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

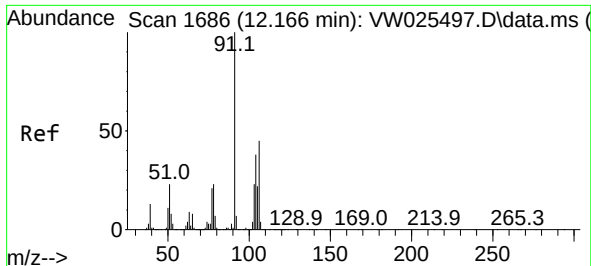
Tgt Ion: 91 Resp: 1208662
Ion Ratio Lower Upper
91 100
106 29.8 22.0 41.0



#53
m,p-Xylene
Concen: 26.839 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

Tgt Ion:106 Resp: 445954
Ion Ratio Lower Upper
106 100
91 209.2 144.2 267.8

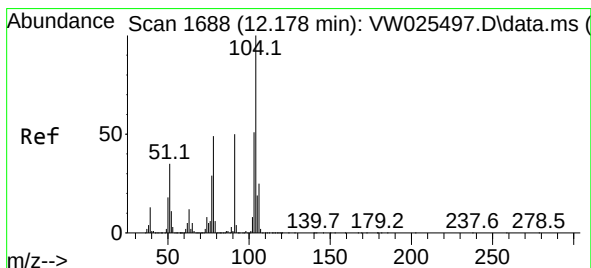
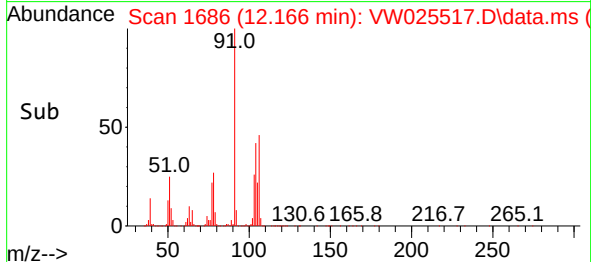
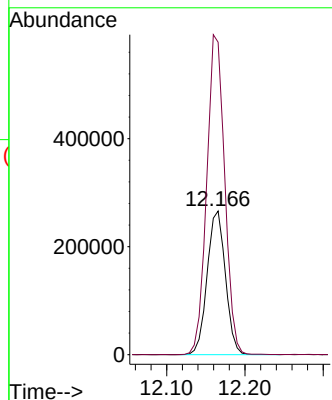
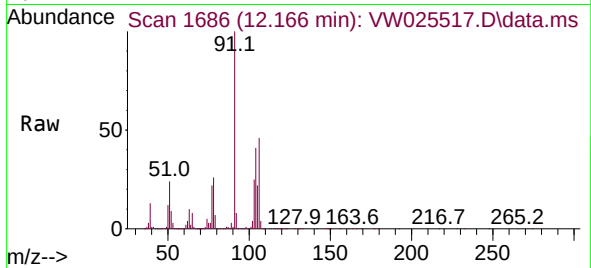




#54
o-Xylene
Concen: 27.461 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

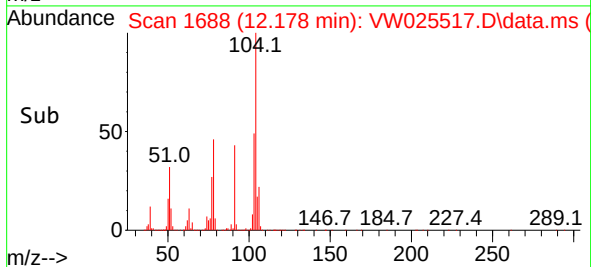
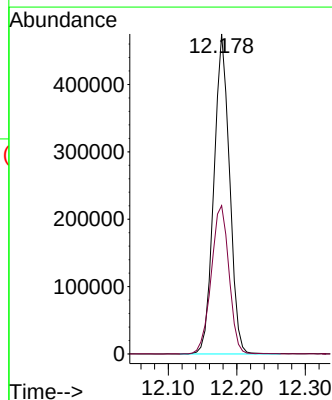
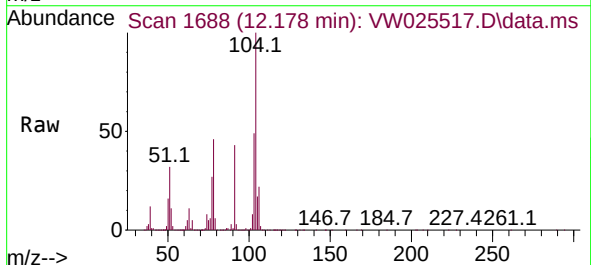
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

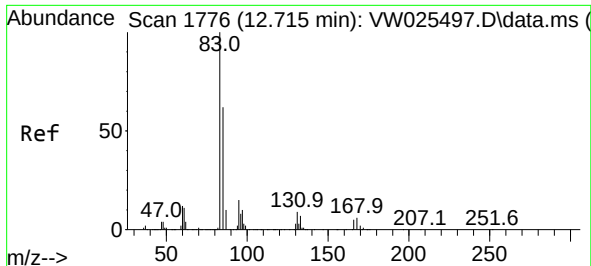
Tgt Ion:106 Resp: 429366
Ion Ratio Lower Upper
106 100
91 217.5 154.6 287.2



#55
Styrene
Concen: 28.182 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

Tgt Ion:104 Resp: 752480
Ion Ratio Lower Upper
104 100
78 46.4 31.1 57.9





#57

1,1,2,2-Tetrachloroethane

Concen: 26.217 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025517.D

Acq: 30 Mar 2023 21:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD025561

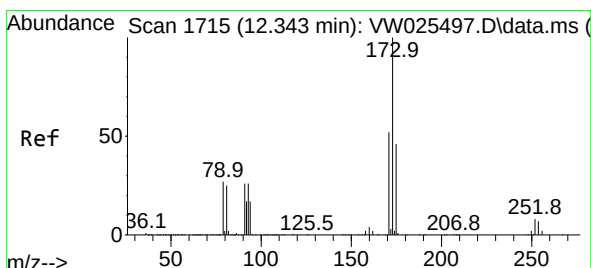
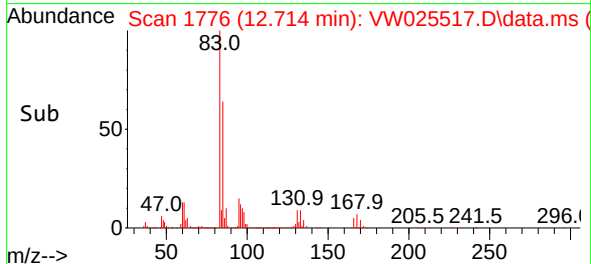
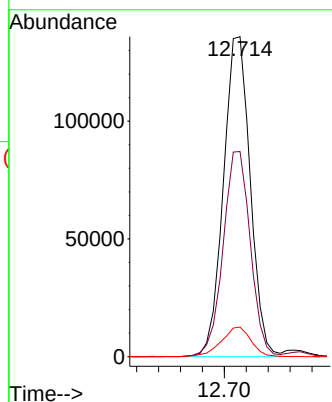
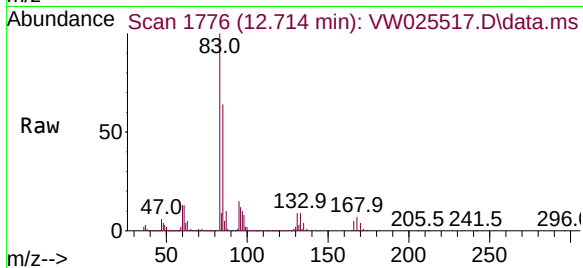
Tgt Ion: 83 Resp: 230630

Ion Ratio Lower Upper

83 100

85 64.1 45.4 84.2

131 9.2 8.0 12.0



#59

Bromoform

Concen: 24.548 ug/L

RT: 12.342 min Scan# 1715

Delta R.T. -0.000 min

Lab File: VW025517.D

Acq: 30 Mar 2023 21:22

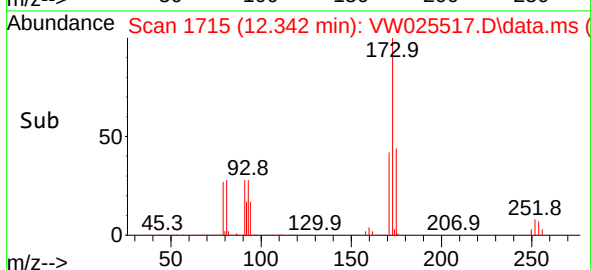
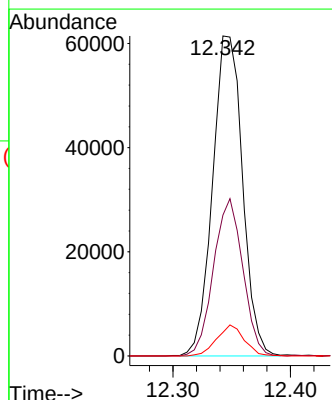
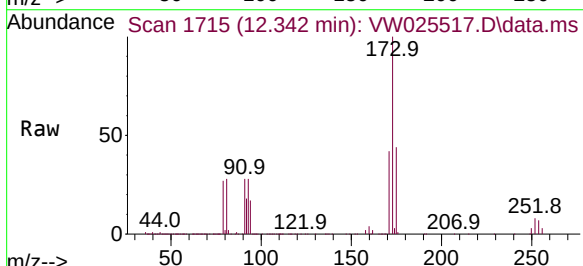
Tgt Ion:173 Resp: 108709

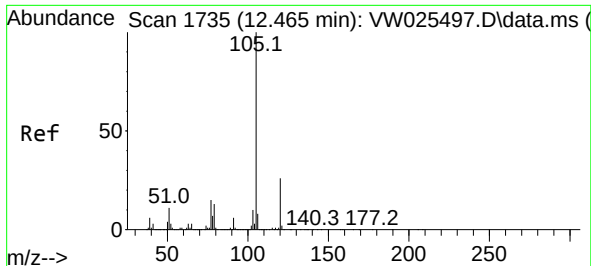
Ion Ratio Lower Upper

173 100

175 48.0 38.6 57.8

254 8.9 7.9 11.9

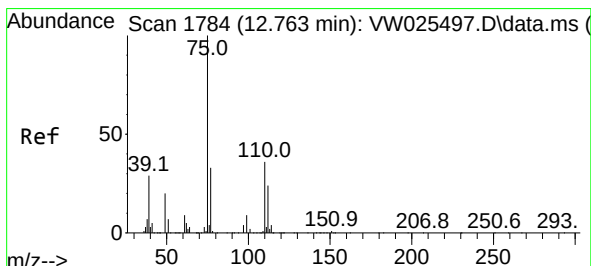
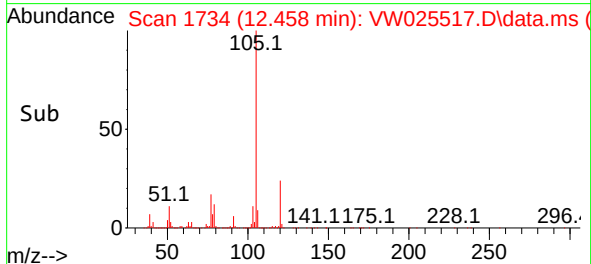
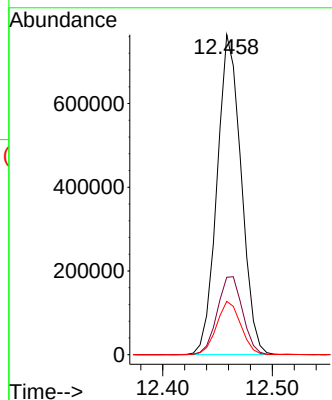
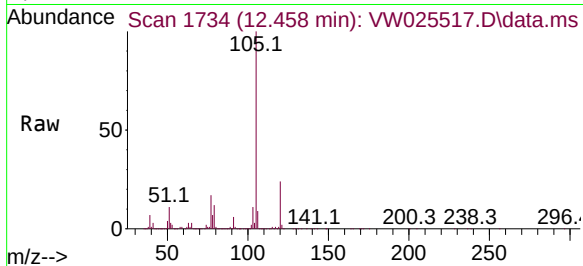




#60
Isopropylbenzene
Concen: 25.565 ug/L
RT: 12.458 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

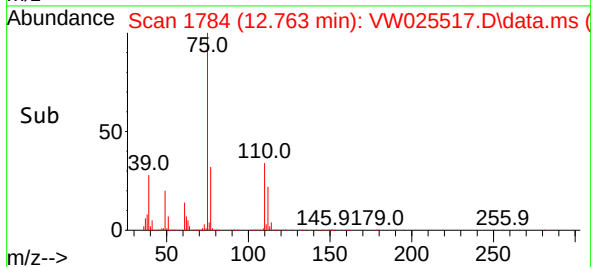
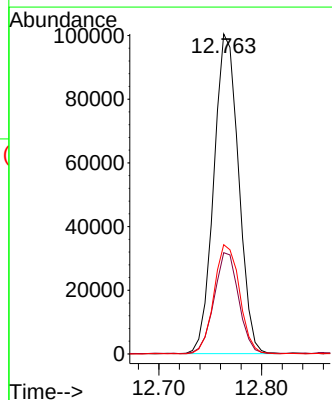
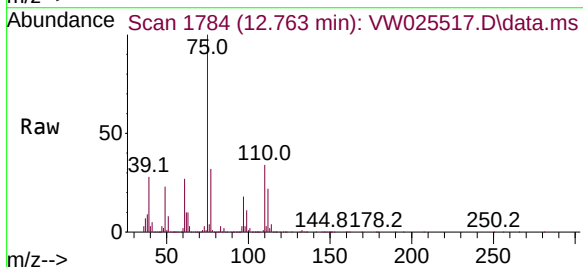
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

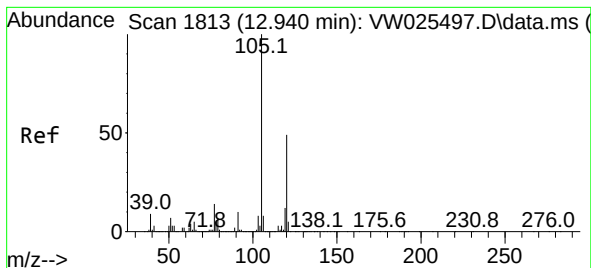
Tgt Ion:105 Resp: 1169743
Ion Ratio Lower Upper
105 100
120 25.6 20.9 31.3
77 16.7 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 25.132 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

Tgt Ion: 75 Resp: 168067
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2
110 35.3 28.9 43.3

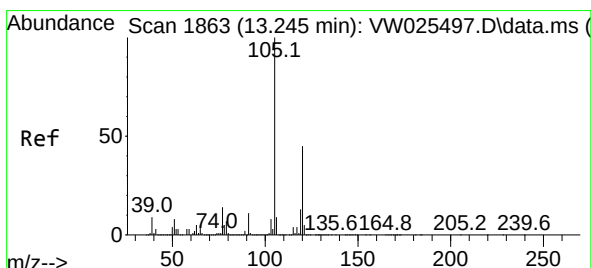
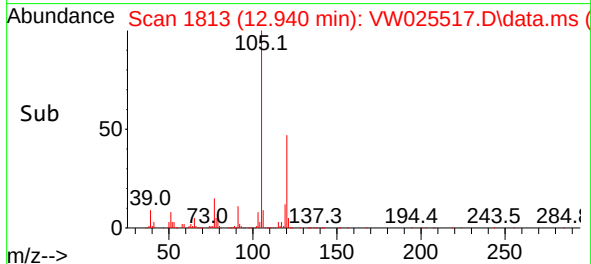
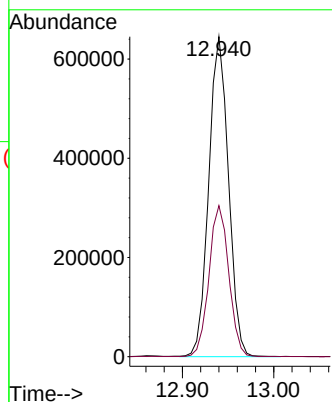
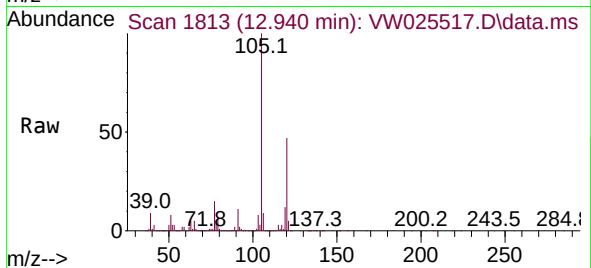




#62
1,3,5-Trimethylbenzene
Concen: 26.663 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

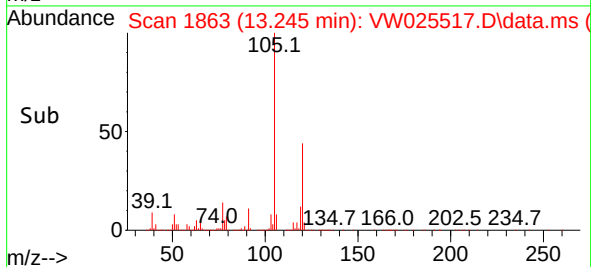
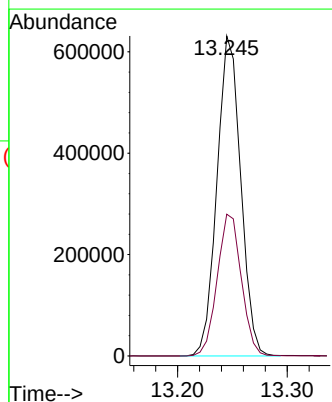
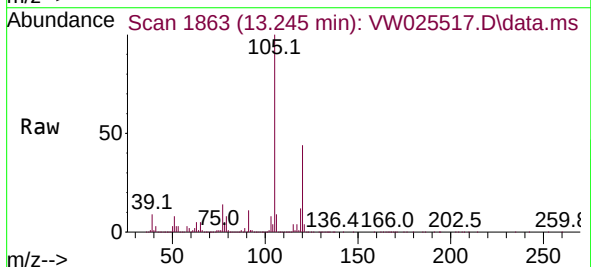
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

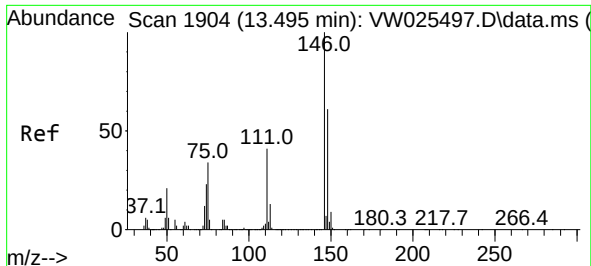
Tgt Ion:105 Resp: 966224
Ion Ratio Lower Upper
105 100
120 47.3 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 26.606 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

Tgt Ion:105 Resp: 949825
Ion Ratio Lower Upper
105 100
120 45.0 36.0 54.0

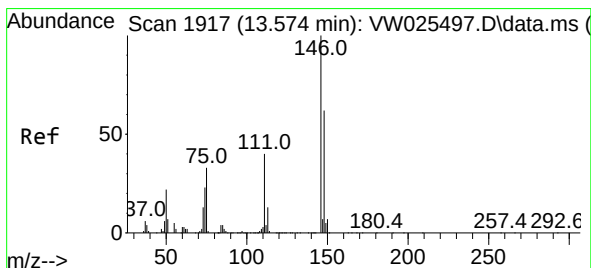
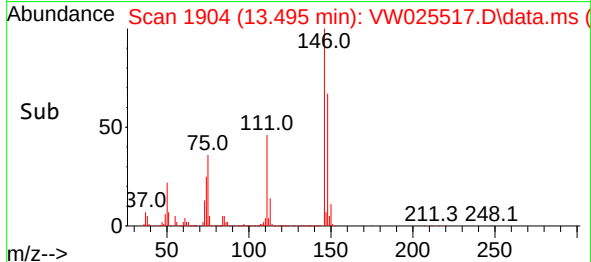
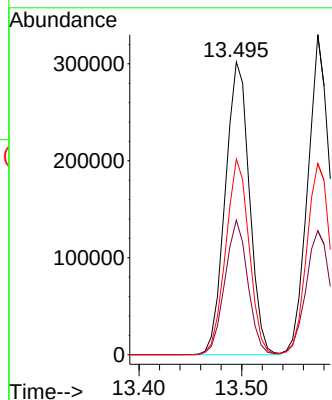
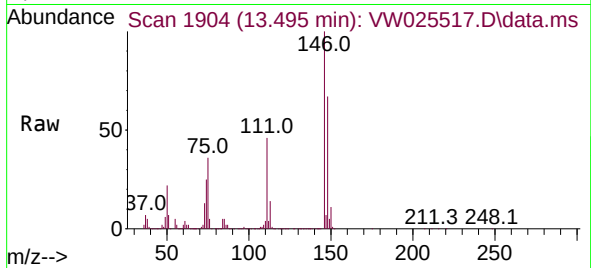




#64
1,3-Dichlorobenzene
Concen: 25.381 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

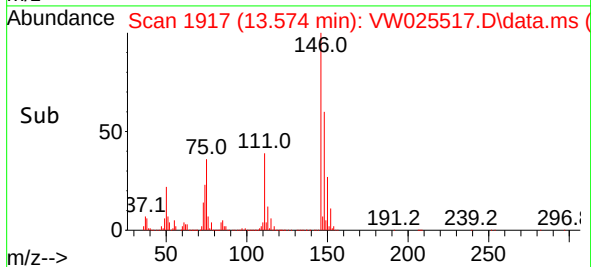
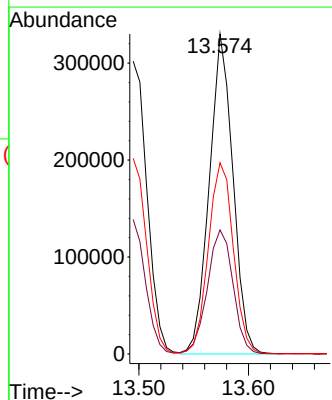
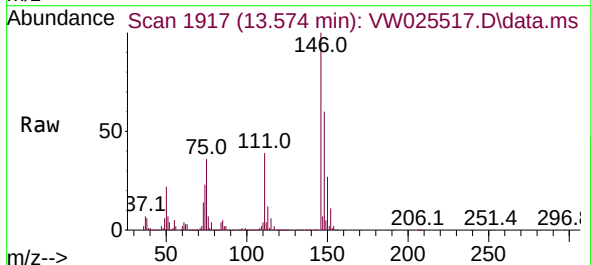
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

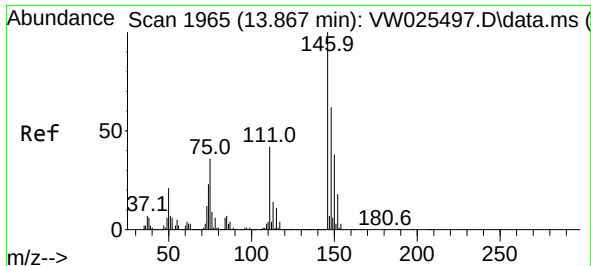
Tgt Ion:146 Resp: 492108
Ion Ratio Lower Upper
146 100
111 45.9 29.7 55.1
148 66.8 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 24.938 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

Tgt Ion:146 Resp: 495971
Ion Ratio Lower Upper
146 100
111 38.7 28.2 52.4
148 59.8 39.8 73.8





#67

1,2-Dichlorobenzene

Concen: 25.415 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025517.D

Acq: 30 Mar 2023 21:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD025561

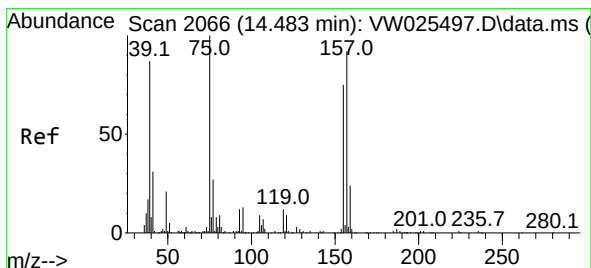
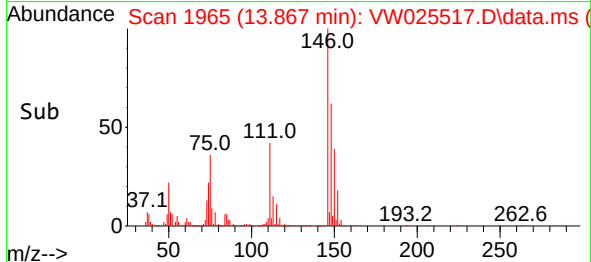
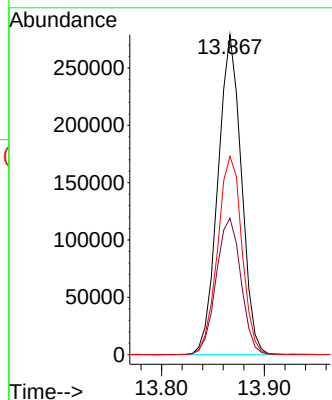
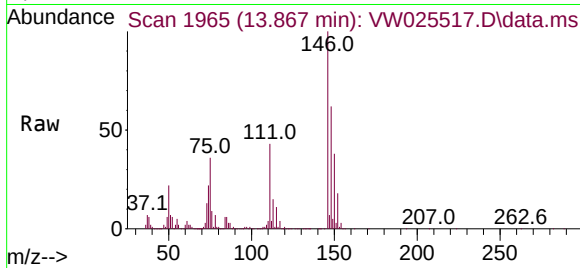
Tgt Ion:146 Resp: 441948

Ion Ratio Lower Upper

146 100

111 42.7 36.6 54.8

148 62.0 53.4 80.2



#68

1,2-Dibromo-3-chloropropane

Concen: 23.095 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW025517.D

Acq: 30 Mar 2023 21:22

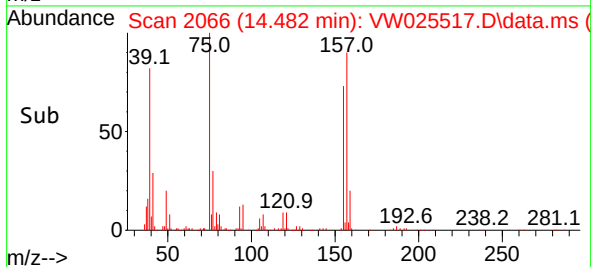
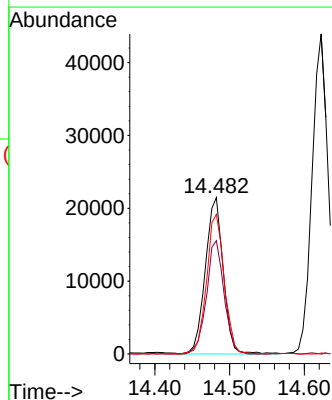
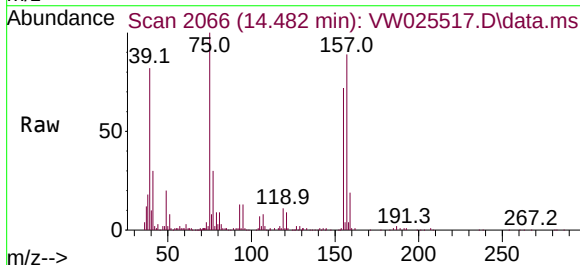
Tgt Ion: 75 Resp: 35755

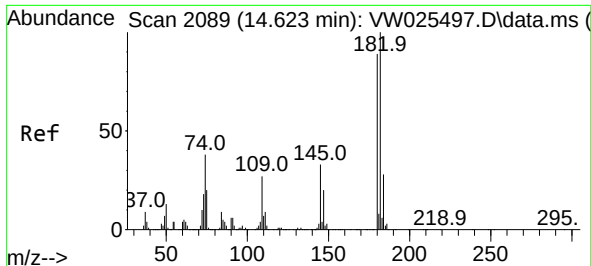
Ion Ratio Lower Upper

75 100

155 72.5 55.4 83.0

157 89.2 75.3 112.9

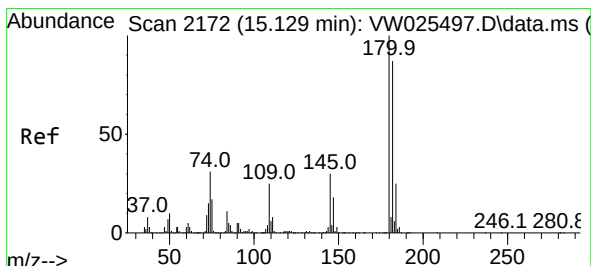
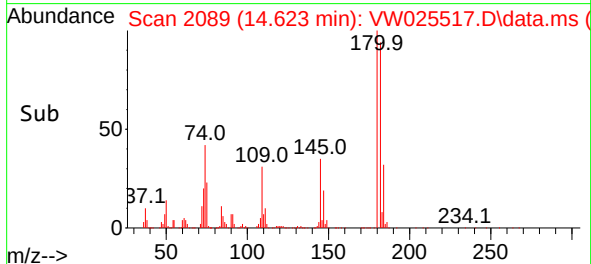
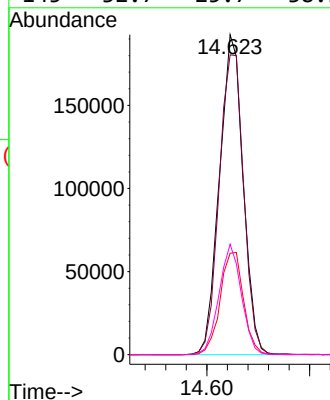
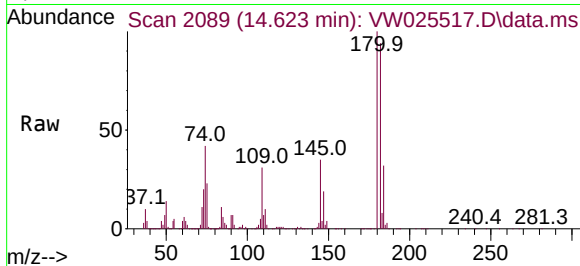




#69
1,3,5-Trichlorobenzene
Concen: 23.303 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

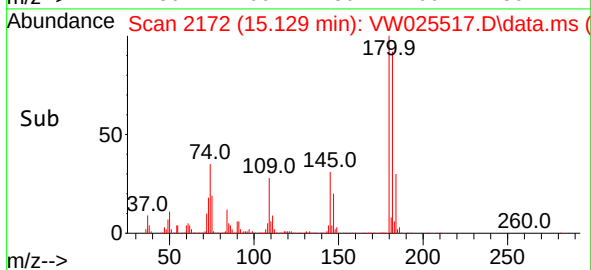
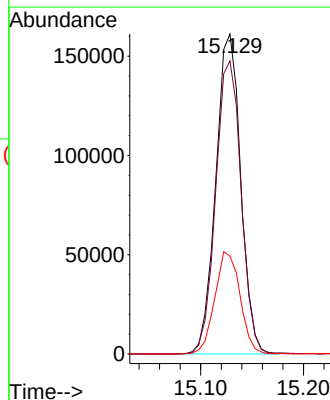
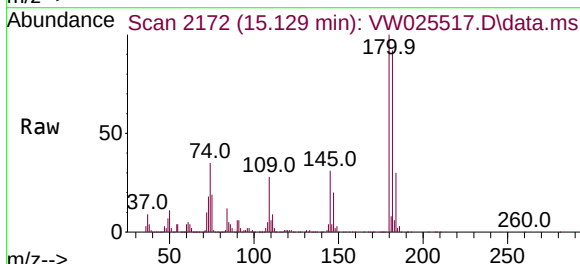
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

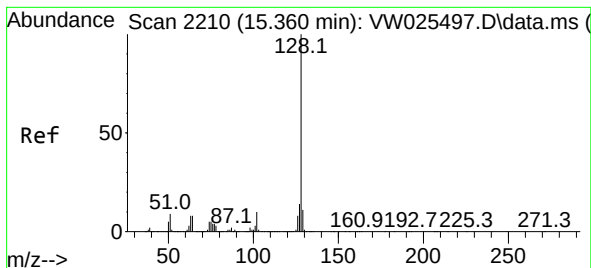
Tgt Ion:180 Resp: 307122
Ion Ratio Lower Upper
180 100
182 97.2 77.1 115.7
184 31.7 24.7 37.1
145 32.7 25.7 38.5



#70
1,2,4-trichlorobenzene
Concen: 24.789 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW025517.D
Acq: 30 Mar 2023 21:22

Tgt Ion:180 Resp: 270888
Ion Ratio Lower Upper
180 100
182 93.6 75.5 113.3
145 32.4 25.2 37.8





#71

Naphthalene

Concen: 25.879 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025517.D

Acq: 30 Mar 2023 21:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD025561

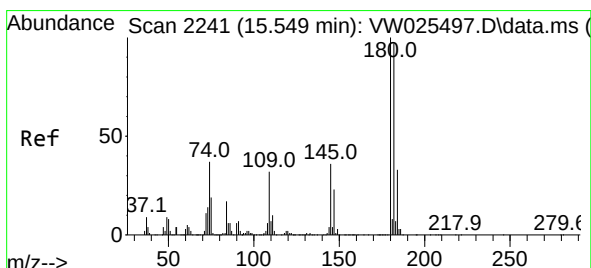
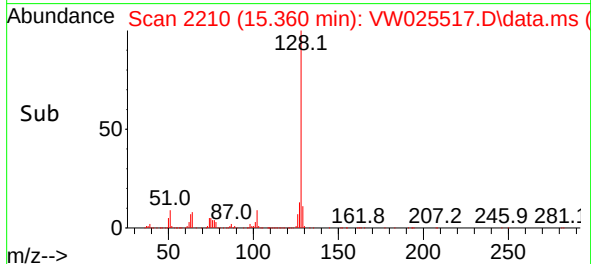
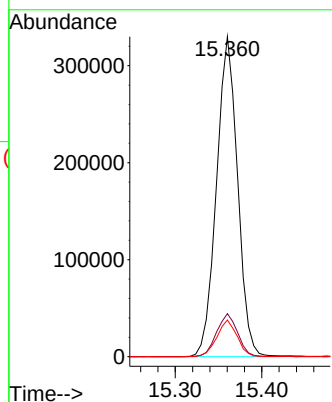
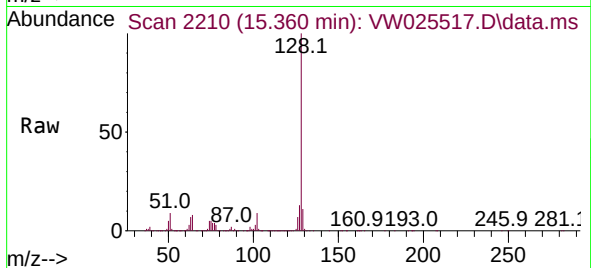
Tgt Ion:128 Resp: 558228

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 11.1 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 25.400 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW025517.D

Acq: 30 Mar 2023 21:22

Tgt Ion:180 Resp: 249301

Ion Ratio Lower Upper

180 100

182 91.9 76.6 114.8

145 33.6 27.7 41.5

