

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061523\
 Data File : VW026213.D
 Acq On : 15 Jun 2023 19:05
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025520

Quant Time: Jun 16 06:23:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 14 23:24:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	625214	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	578213	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	285714	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	179106	20.363	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.440%
7) Chloroethane-d5	2.893	69	167566	25.450	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	4.027	65	90796	20.935	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.760%
21) 2-Butanone-d5	7.075	46	167062	65.242	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.480%
24) Chloroform-d	7.648	84	449405	24.546	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	8.307	65	252975	25.269	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.080%
32) Benzene-d6	8.276	84	878970	22.591	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.360%
36) 1,2-Dichloropropane-d6	9.270	67	293543	23.815	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.240%
41) Toluene-d8	10.318	98	754872	21.878	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.520%
43) trans-1,3-Dichloroprop...	10.574	79	102798	21.046	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.200%
47) 2-Hexanone-d5	10.922	63	119167	61.313	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.620%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	253636	28.277	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.120%
66) 1,2-Dichlorobenzene-d4	13.848	152	244772	22.382	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.520%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.021	85	139938	18.258	ug/L	93
3) Chloromethane	2.228	50	242480	24.674	ug/L	98
5) Vinyl chloride	2.375	62	244197	23.247	ug/L	100
6) Bromomethane	2.783	94	136056	23.759	ug/L	95
8) Chloroethane	2.930	64	151811	26.743	ug/L	93
9) Trichlorofluoromethane	3.265	101	156790	23.200	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	197894	23.207	ug/L	98
12) 1,1-Dichloroethene	4.051	96	181994	22.863	ug/L	84
13) Acetone	4.118	43	95787	48.344	ug/L	100
14) Carbon disulfide	4.393	76	585262	20.827	ug/L	100
15) Methyl Acetate	4.667	43	123067	27.675	ug/L	100
16) Methylene chloride	4.917	84	223399	22.387	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	200401	22.438	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	342337	24.320	ug/L	99
19) 1,1-Dichloroethane	6.222	63	435323	23.942	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	228713	24.176	ug/L	99
22) 2-Butanone	7.167	43	160985	56.958	ug/L	99
23) Bromochloromethane	7.514	128	100270	24.852	ug/L	97
25) Chloroform	7.673	83	411362	24.290	ug/L	98

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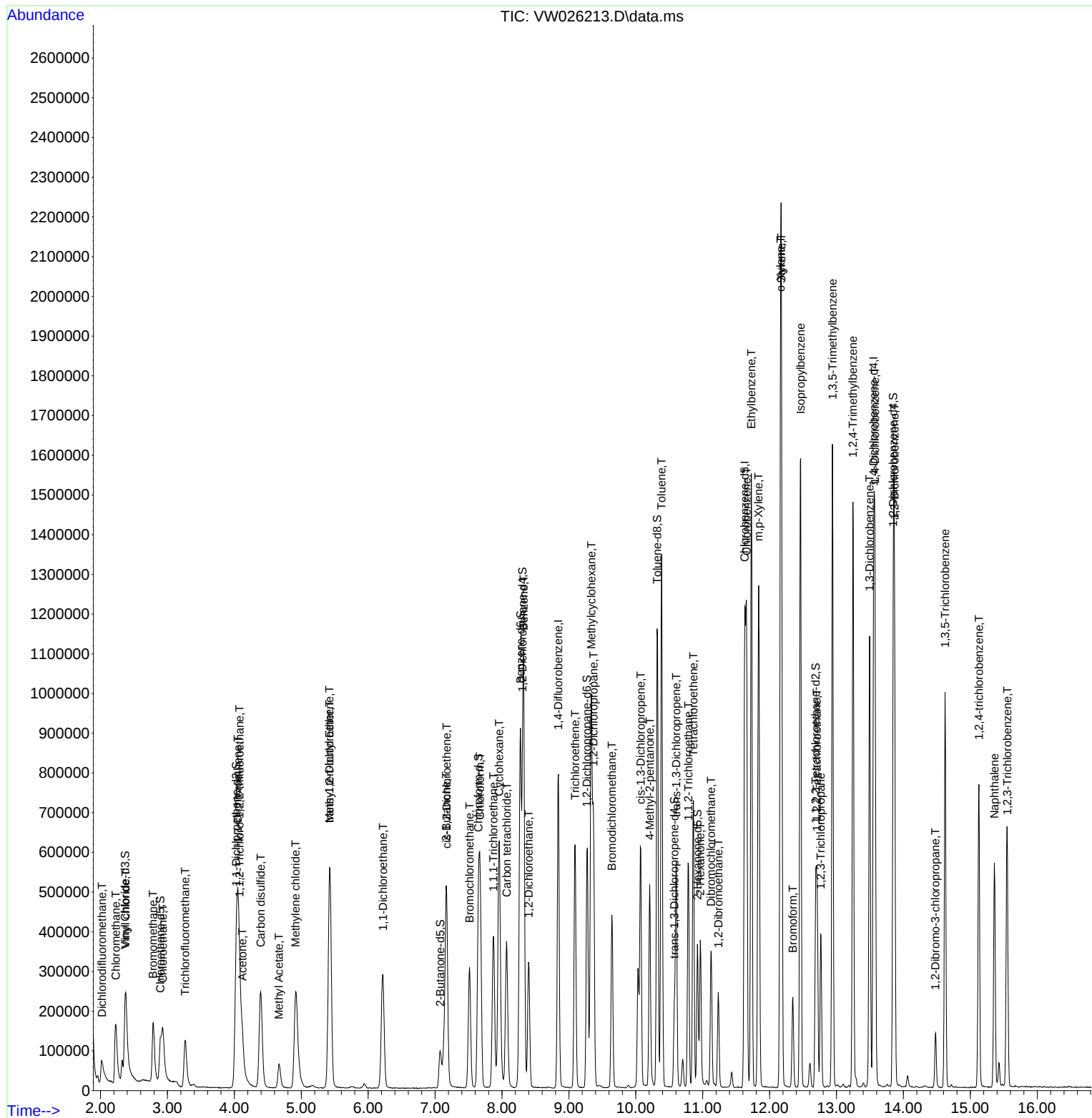
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	290118	24.839	ug/L	99
29) Cyclohexane	7.959	56	371397	20.805	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	312934	22.302	ug/L	99
31) Carbon tetrachloride	8.069	117	275858	21.544	ug/L	98
33) Benzene	8.325	78	906909	22.896	ug/L	100
34) Trichloroethene	9.093	95	223104	21.997	ug/L	96
35) Methylcyclohexane	9.337	83	374742	20.880	ug/L	99
37) 1,2-Dichloropropane	9.367	63	254588	23.730	ug/L	99
38) Bromodichloromethane	9.642	83	287831	23.093	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	351662	22.305	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	352877	55.790	ug/L	100
42) Toluene	10.385	91	935876	23.100	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	300630	22.889	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	172375	24.379	ug/L	98
46) Tetrachloroethene	10.861	164	152825	21.303	ug/L	97
48) 2-Hexanone	10.965	43	245534	55.055	ug/L	100
49) Dibromochloromethane	11.123	129	175858	23.722	ug/L	95
50) 1,2-Dibromoethane	11.233	107	160948	24.584	ug/L	99
51) Chlorobenzene	11.654	112	576906	22.724	ug/L	97
52) Ethylbenzene	11.727	91	1043633	22.836	ug/L	99
53) m,p-Xylene	11.836	106	381277	22.426	ug/L	96
54) o-Xylene	12.166	106	370359	23.080	ug/L	96
55) Styrene	12.178	104	653165	23.726	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	222325	25.982	ug/L	98
59) Bromoform	12.349	173	99446	23.174	ug/L	99
60) Isopropylbenzene	12.464	105	1005746	22.408	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	159138	24.866	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	804296	22.542	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	752471	23.026	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	423477	22.440	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	433759	22.830	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	384910	22.713	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	37187	25.079	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	270264	20.848	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	225369	21.069	ug/L	94
71) Naphthalene	15.360	128	455054	23.869	ug/L	100
72) 1,2,3-Trichlorobenzene	15.555	180	199701	21.361	ug/L	98

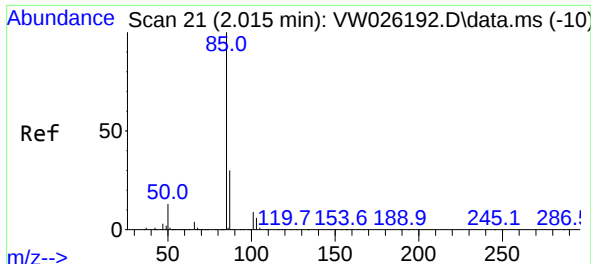
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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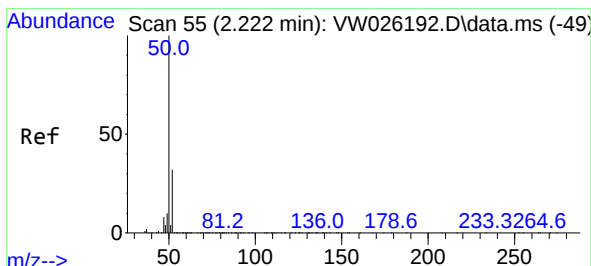
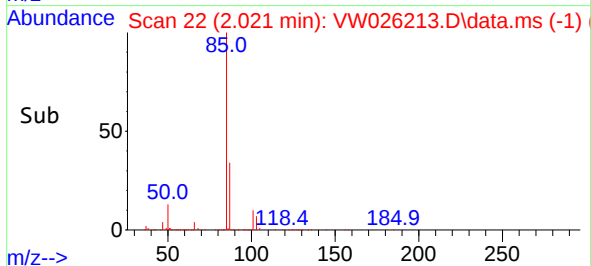
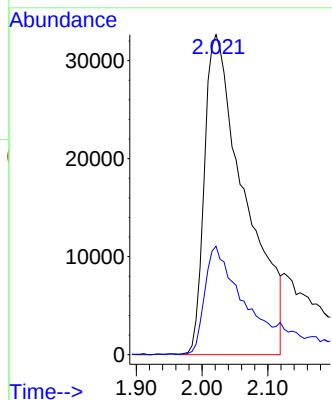
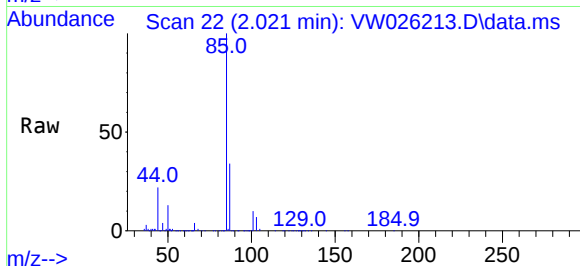




#2
Dichlorodifluoromethane
Concen: 18.258 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

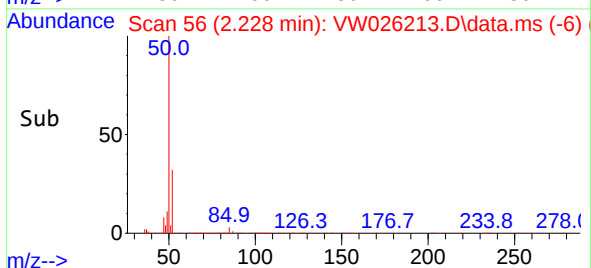
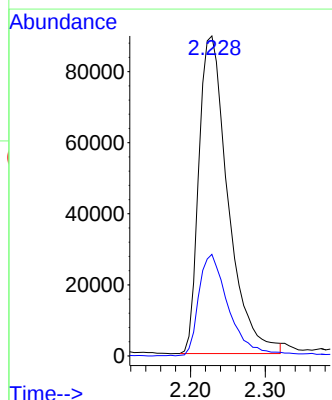
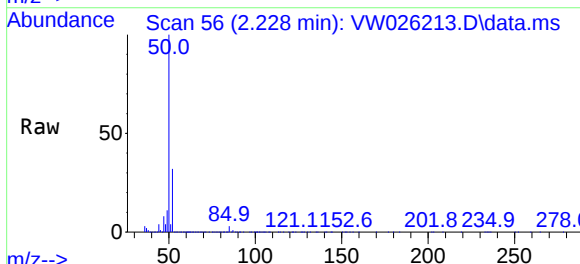
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ClientSampleId :
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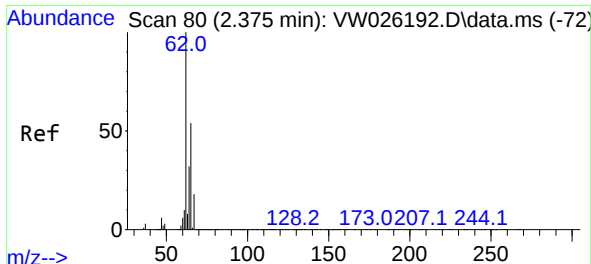
Tgt Ion: 85 Resp: 139938
Ion Ratio Lower Upper
85 100
87 31.4 22.2 33.2



#3
Chloromethane
Concen: 24.674 ug/L
RT: 2.228 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

Tgt Ion: 50 Resp: 242480
Ion Ratio Lower Upper
50 100
52 31.7 21.3 39.6

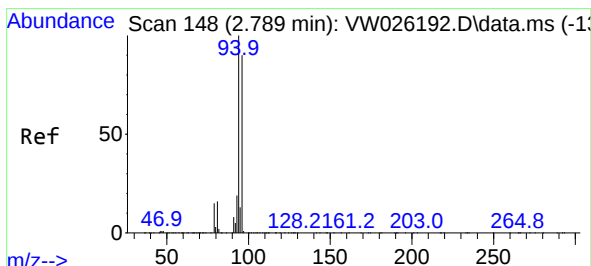
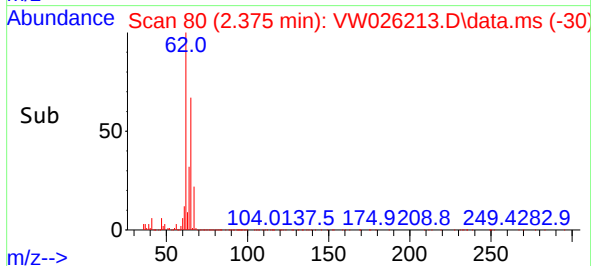
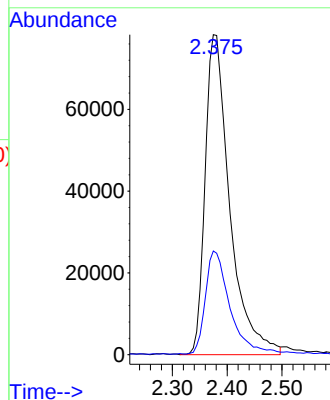
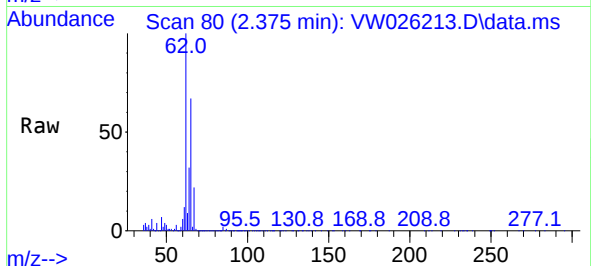




#5
 Vinyl chloride
 Concen: 23.247 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW026213.D
 Acq: 15 Jun 2023 19:05

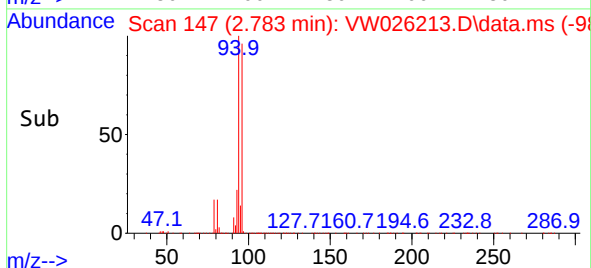
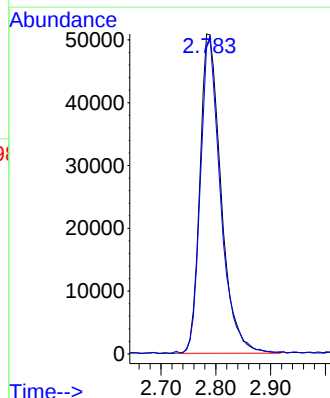
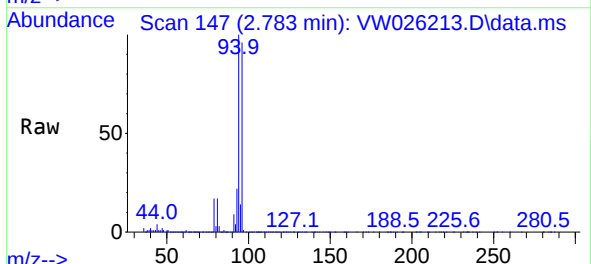
Instrument :
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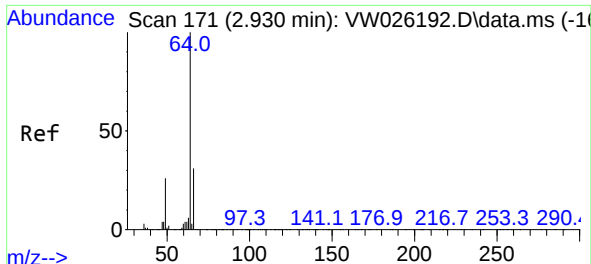
Tgt Ion: 62 Resp: 244197
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.7 42.1



#6
 Bromomethane
 Concen: 23.759 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VW026213.D
 Acq: 15 Jun 2023 19:05

Tgt Ion: 94 Resp: 136056
 Ion Ratio Lower Upper
 94 100
 96 96.2 64.2 119.2

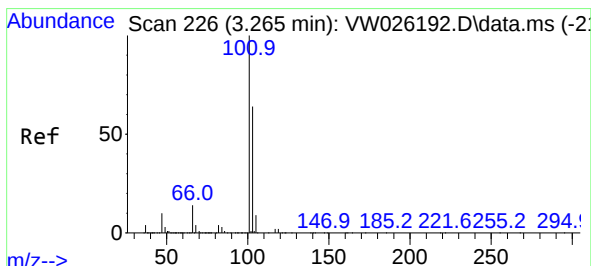
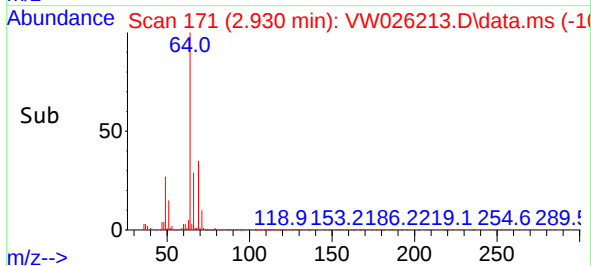
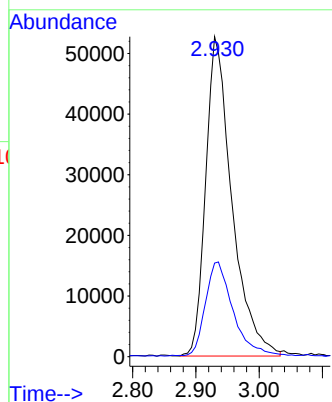
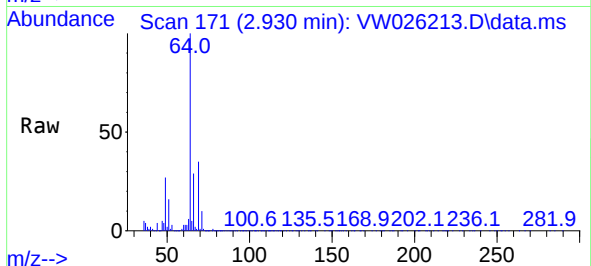




#8
Chloroethane
Concen: 26.743 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

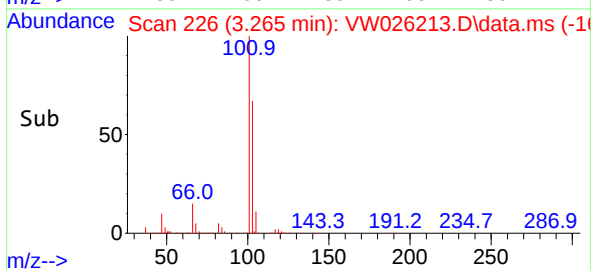
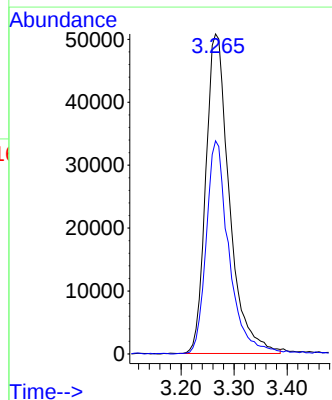
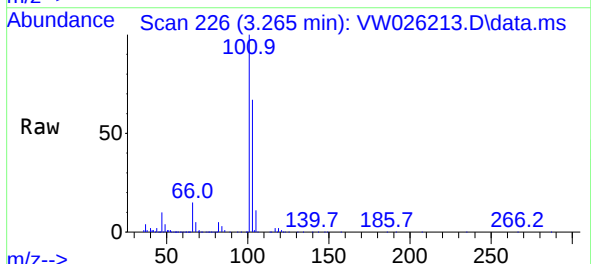
Instrument :
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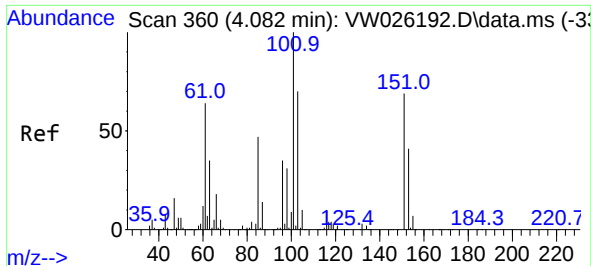
Tgt Ion: 64 Resp: 151811
Ion Ratio Lower Upper
64 100
66 29.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 23.200 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

Tgt Ion: 101 Resp: 156790
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4

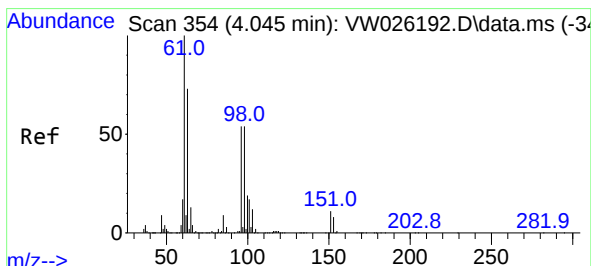
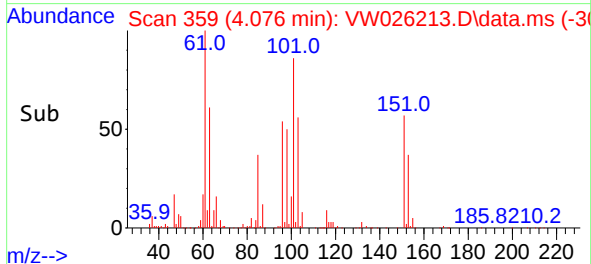
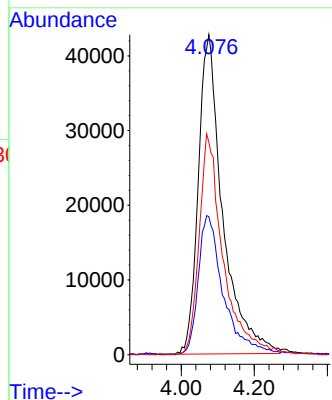
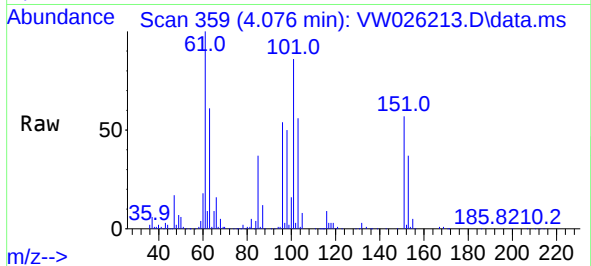




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.207 ug/L
RT: 4.076 min Scan# 310
Delta R.T. 0.012 min
Lab File: VW026213.D
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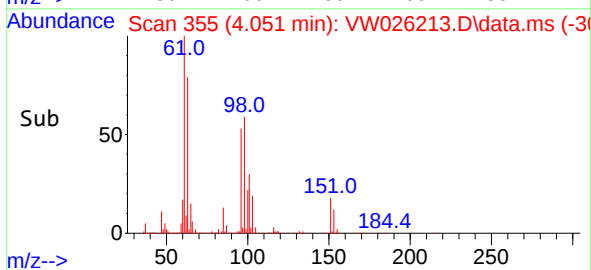
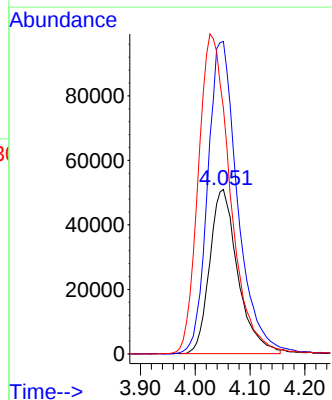
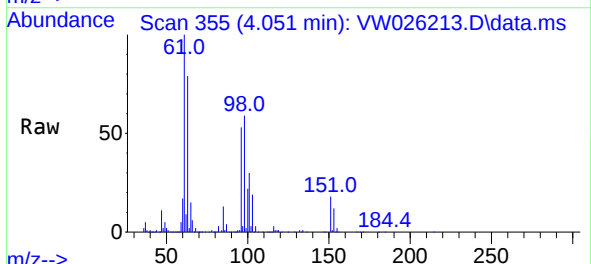
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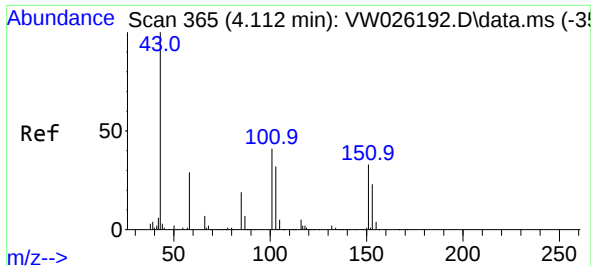
Tgt Ion:101 Resp: 197894
Ion Ratio Lower Upper
101 100
85 43.6 36.1 54.1
151 66.9 55.1 82.7



#12
1,1-Dichloroethene
Concen: 22.863 ug/L
RT: 4.051 min Scan# 355
Delta R.T. 0.006 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

Tgt Ion: 96 Resp: 181994
Ion Ratio Lower Upper
96 100
61 190.0 140.6 261.0
63 149.6 131.7 244.5

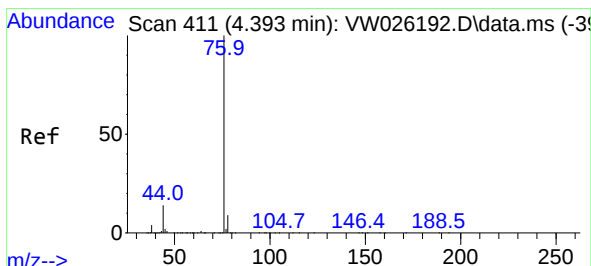
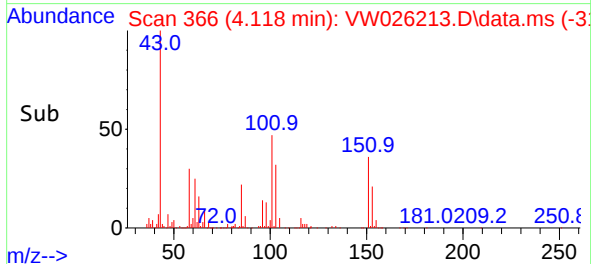
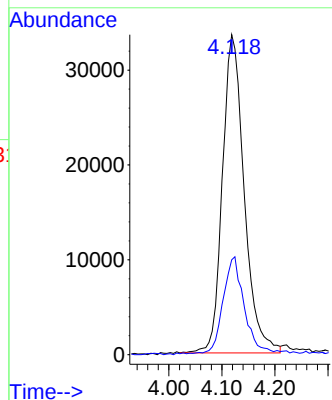
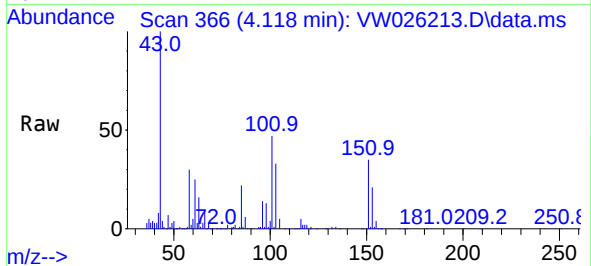




#13
Acetone
Concen: 48.344 ug/L
RT: 4.118 min Scan# 365
Delta R.T. -0.012 min
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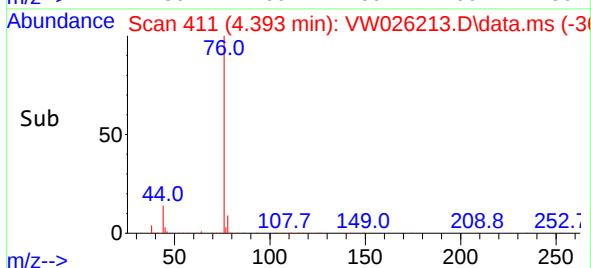
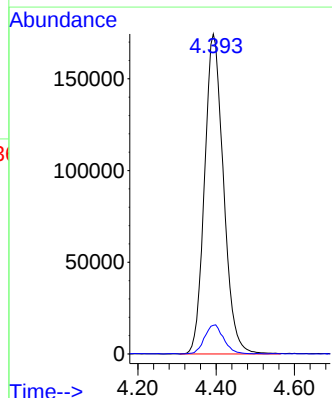
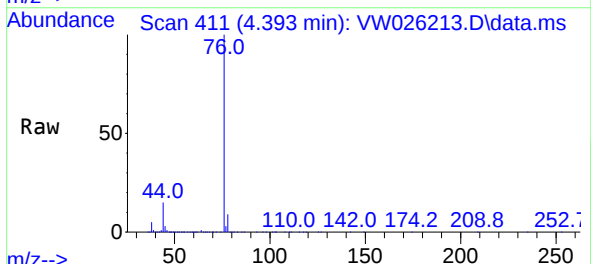
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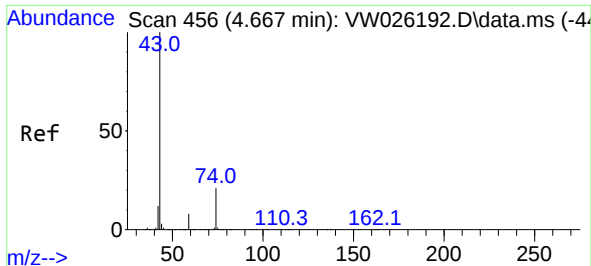
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Ion Ratio Lower Upper
43 100
58 29.2 0.0 58.2



#14
Carbon disulfide
Concen: 20.827 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 585262
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

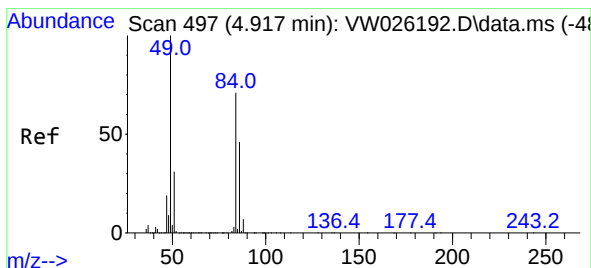
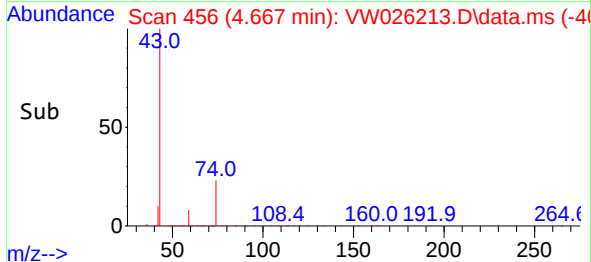
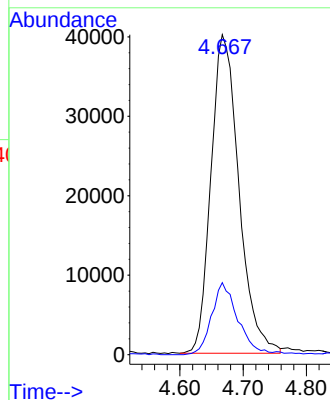
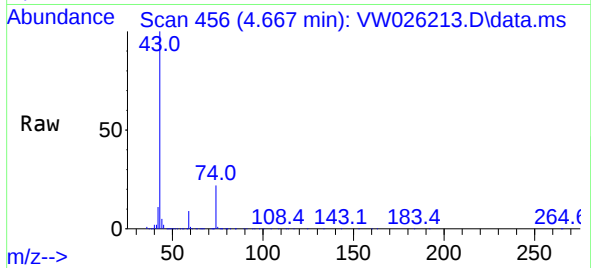




#15
Methyl Acetate
Concen: 27.675 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

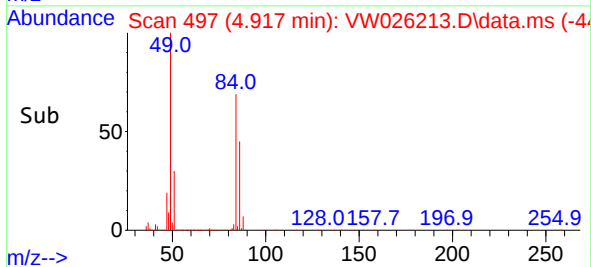
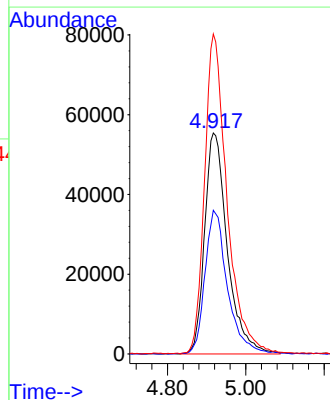
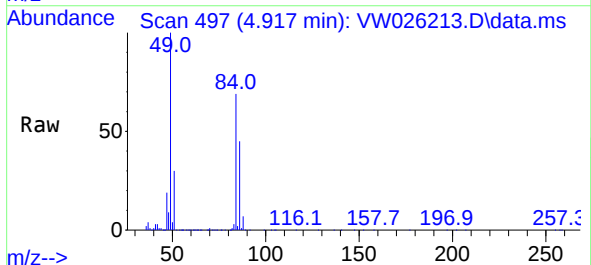
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

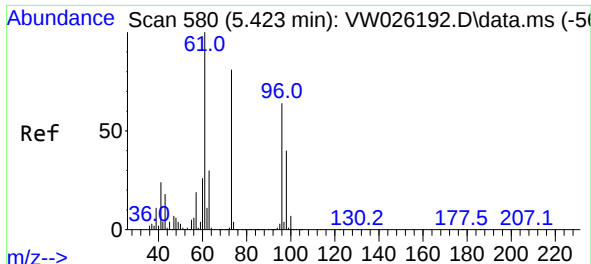
Tgt Ion: 43 Resp: 123067
Ion Ratio Lower Upper
43 100
74 21.0 16.6 25.0



#16
Methylene chloride
Concen: 22.387 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

Tgt Ion: 84 Resp: 223399
Ion Ratio Lower Upper
84 100
86 65.0 44.2 82.0
49 144.8 98.8 183.6

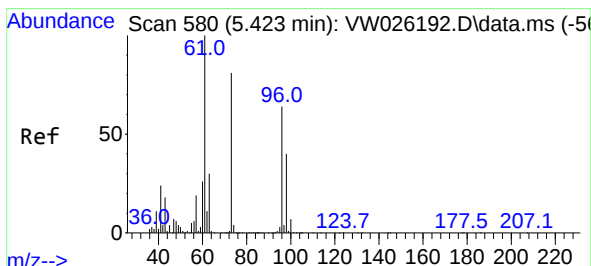
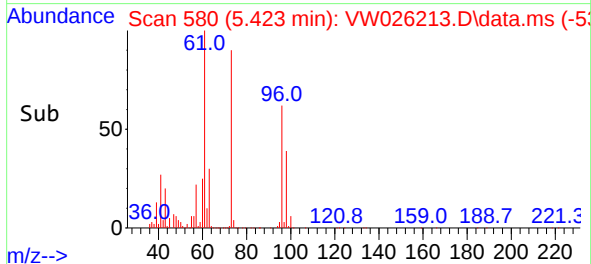
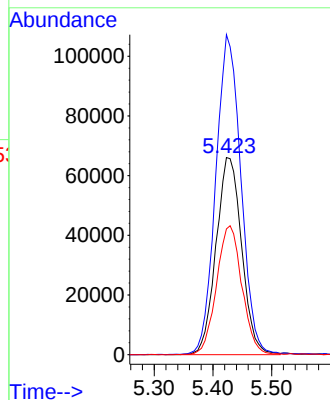
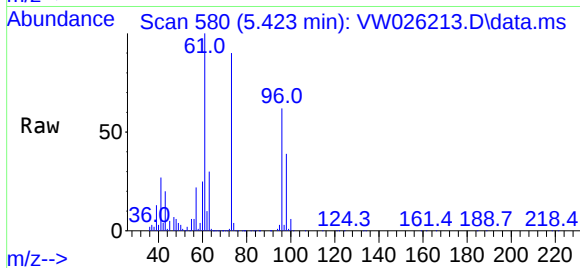




#17
trans-1,2-Dichloroethene
Concen: 22.438 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

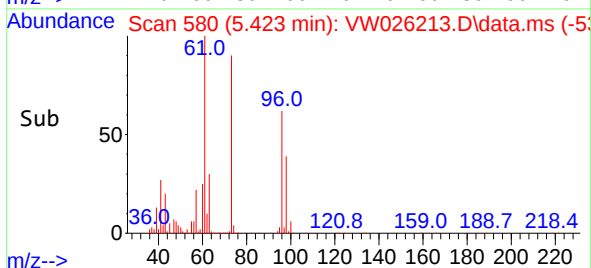
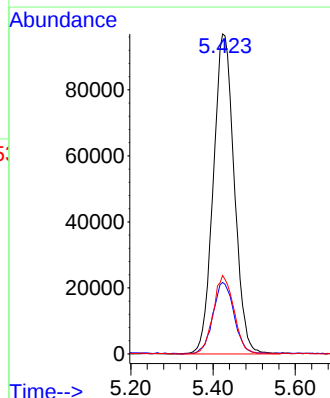
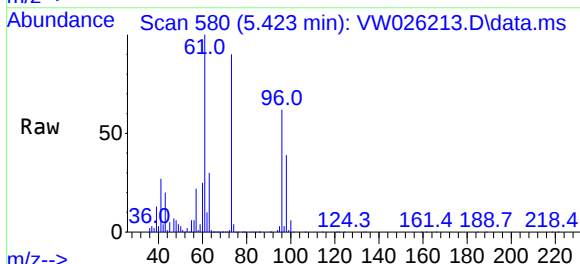
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

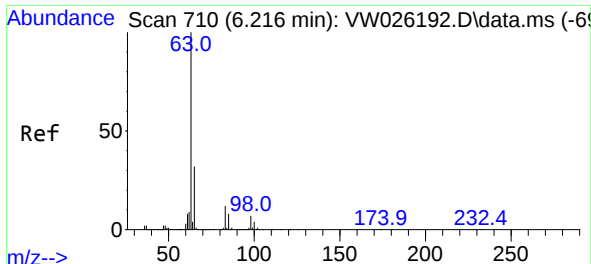
Tgt Ion: 96 Resp: 200401
Ion Ratio Lower Upper
96 100
61 162.3 113.0 209.8
98 63.8 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 24.320 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

Tgt Ion: 73 Resp: 342337
Ion Ratio Lower Upper
73 100
43 22.6 17.8 26.6
57 24.1 18.9 28.3





#19

1,1-Dichloroethane

Concen: 23.942 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW026213.D

Acq: 15 Jun 2023 19:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD025520

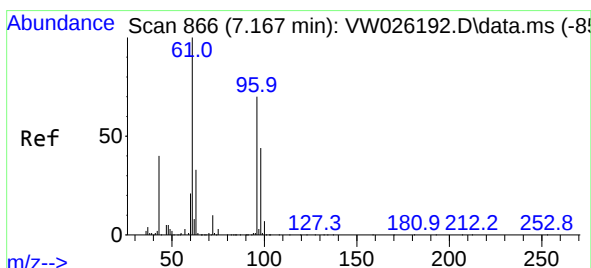
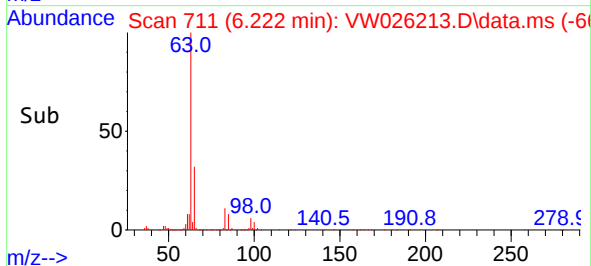
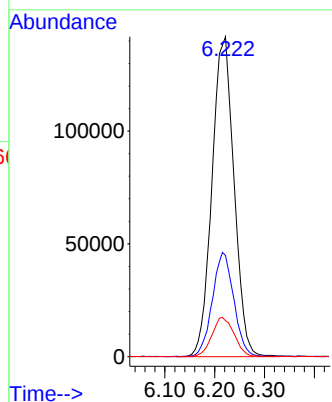
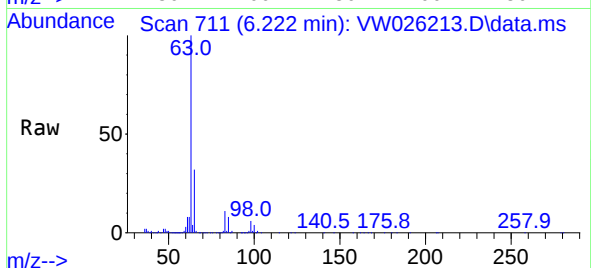
Tgt Ion: 63 Resp: 435323

Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.5

83 11.3 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 24.176 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026213.D

Acq: 15 Jun 2023 19:05

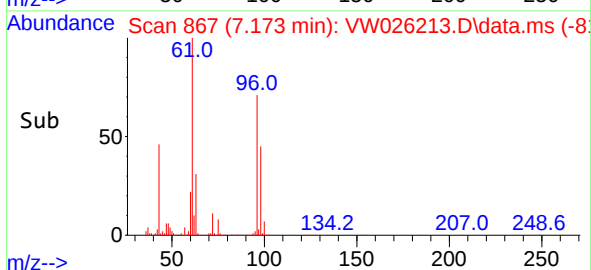
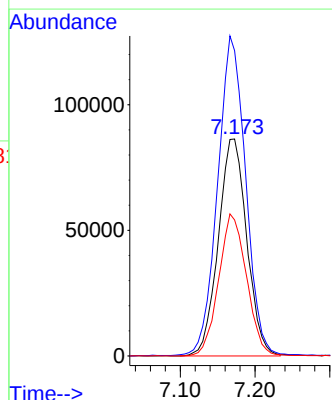
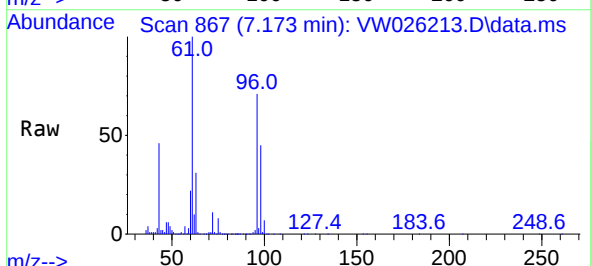
Tgt Ion: 96 Resp: 228713

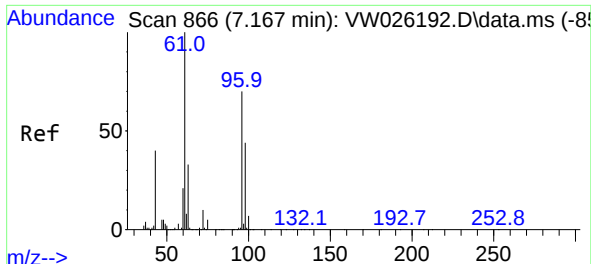
Ion Ratio Lower Upper

96 100

61 140.7 98.4 182.8

98 62.7 45.2 84.0

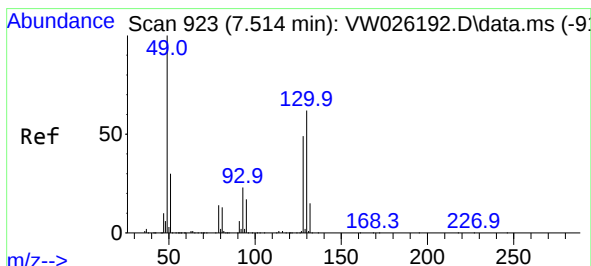
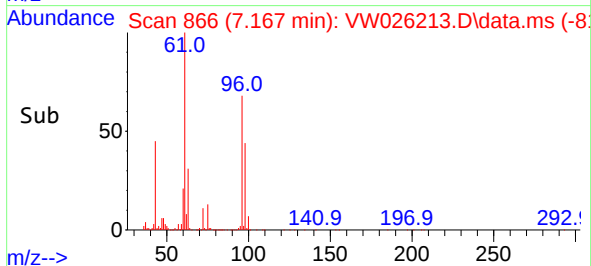
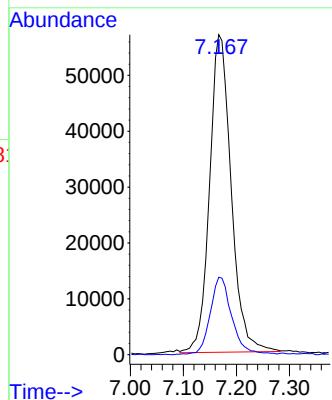
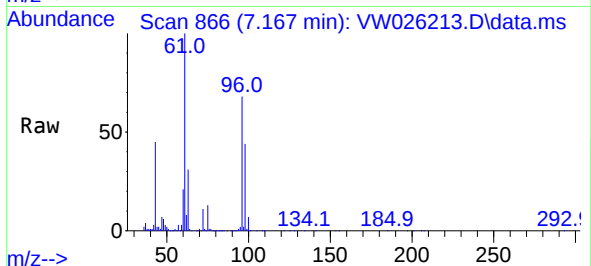




#22
2-Butanone
Concen: 56.958 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

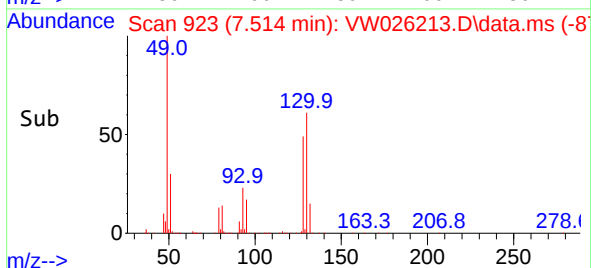
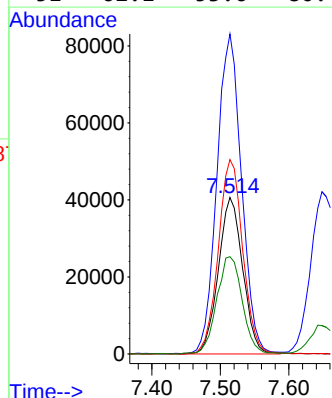
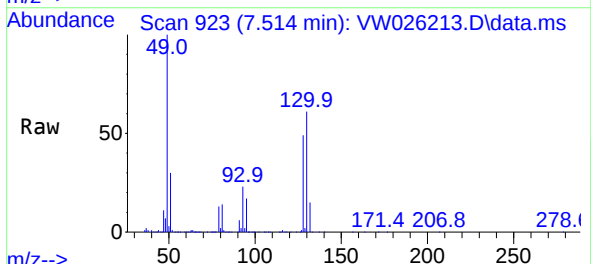
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

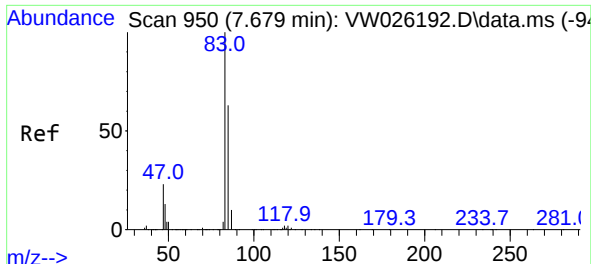
Tgt Ion: 43 Resp: 160985
Ion Ratio Lower Upper
43 100
72 24.5 12.4 37.4



#23
Bromochloromethane
Concen: 24.852 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

Tgt Ion: 128 Resp: 100270
Ion Ratio Lower Upper
128 100
49 204.5 140.6 261.0
130 124.3 86.0 159.6
51 62.1 53.6 80.4

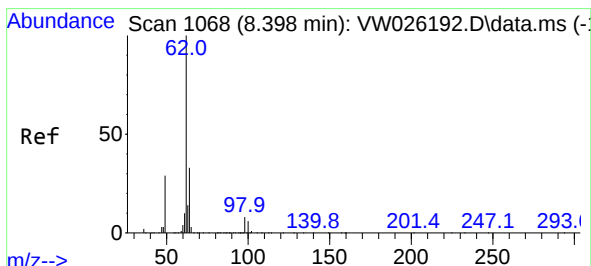
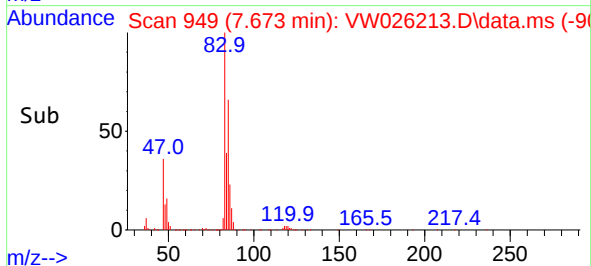
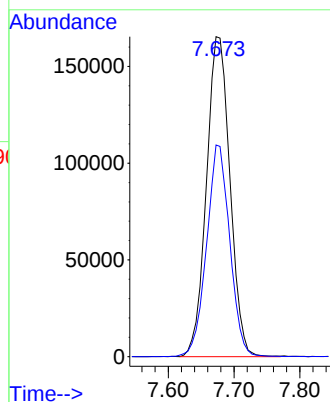
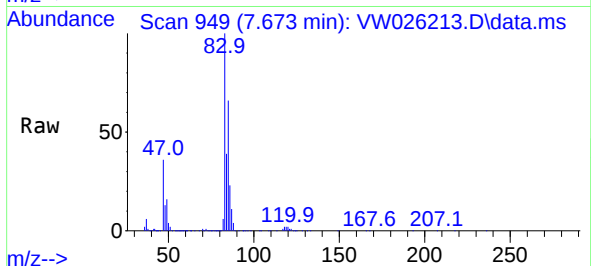




#25
Chloroform
Concen: 24.290 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

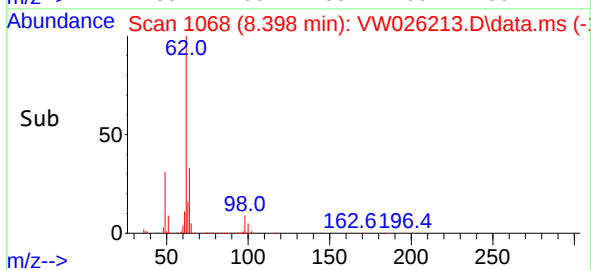
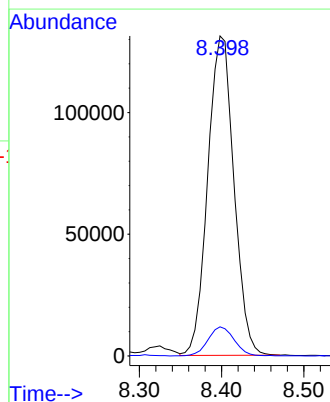
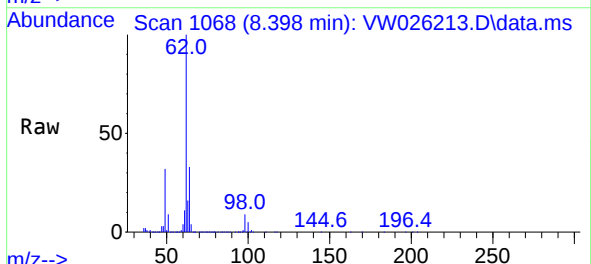
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

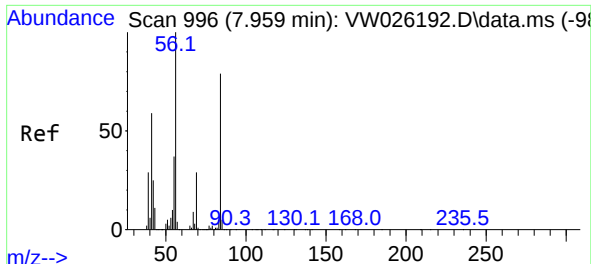
Tgt Ion: 83 Resp: 411362
Ion Ratio Lower Upper
83 100
85 66.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.839 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

Tgt Ion: 62 Resp: 290118
Ion Ratio Lower Upper
62 100
98 9.1 7.4 11.2





#29

Cyclohexane

Concen: 20.805 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW026213.D

Acq: 15 Jun 2023 19:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD025520

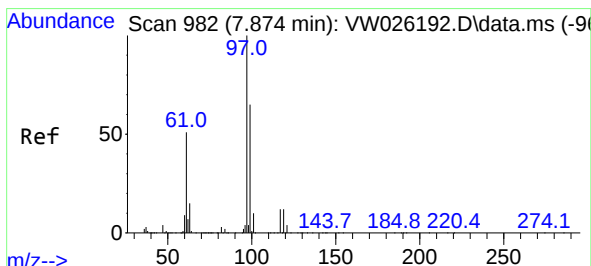
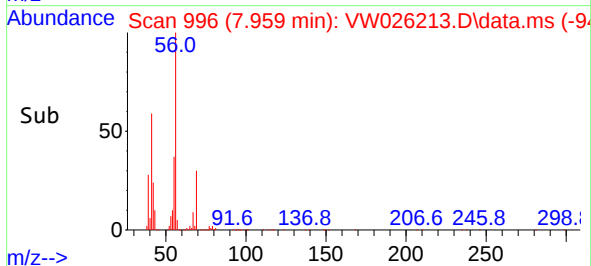
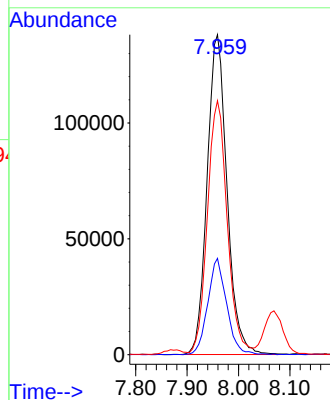
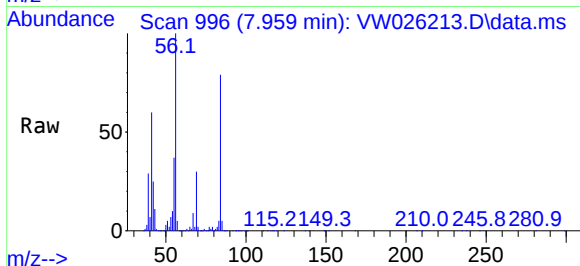
Tgt Ion: 56 Resp: 371397

Ion Ratio Lower Upper

56 100

69 28.5 23.3 34.9

84 79.1 63.0 94.6



#30

1,1,1-Trichloroethane

Concen: 22.302 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW026213.D

Acq: 15 Jun 2023 19:05

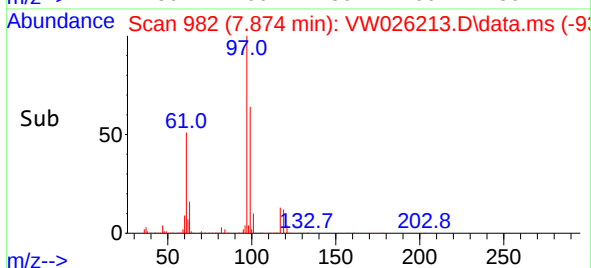
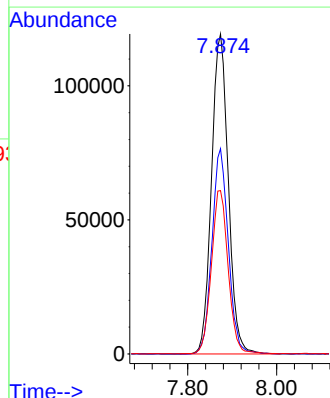
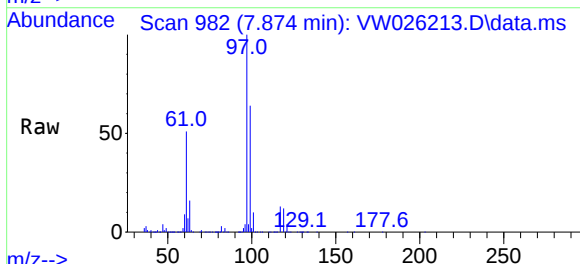
Tgt Ion: 97 Resp: 312934

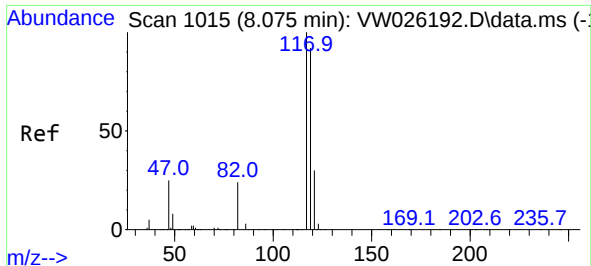
Ion Ratio Lower Upper

97 100

99 62.7 50.6 76.0

61 51.0 40.5 60.7

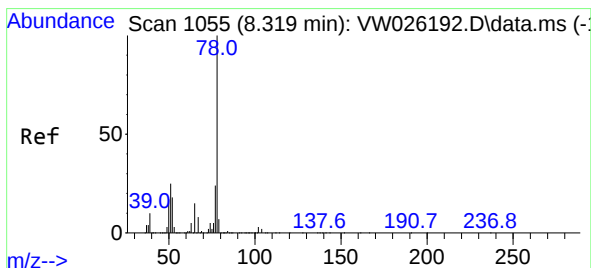
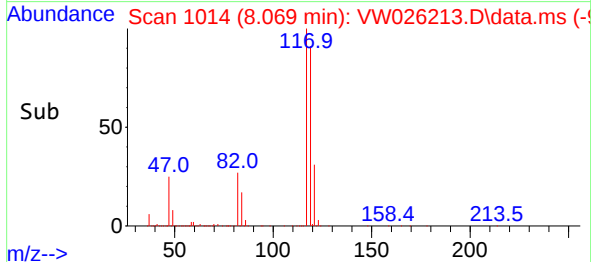
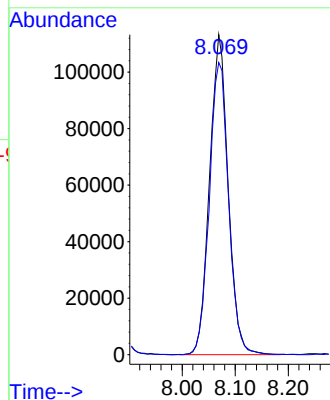
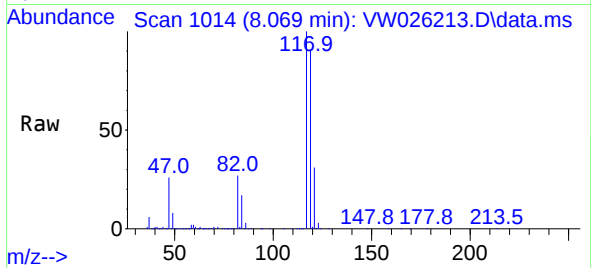




#31
Carbon tetrachloride
Concen: 21.544 ug/L
RT: 8.069 min Scan# 1015
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

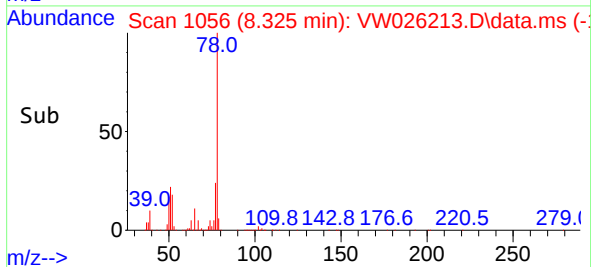
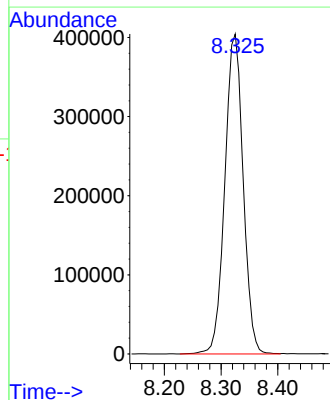
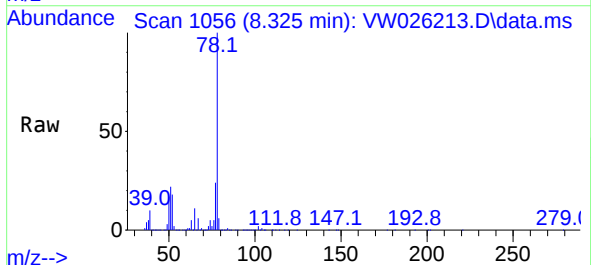
Instrument : MSVOA_W
ClientSampleId : VSTD025520

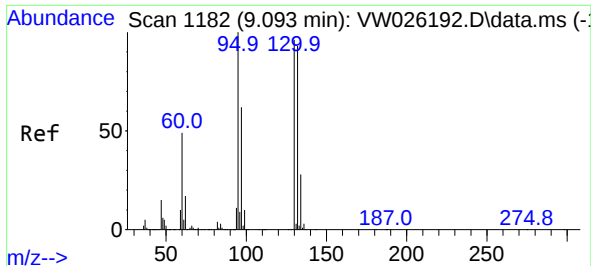
Tgt Ion:117 Resp: 275858
Ion Ratio Lower Upper
117 100
119 94.4 77.4 116.2



#33
Benzene
Concen: 22.896 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

Tgt Ion: 78 Resp: 906909

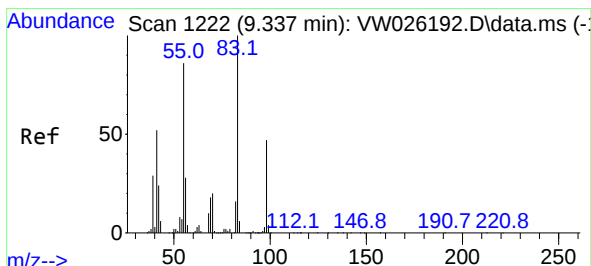
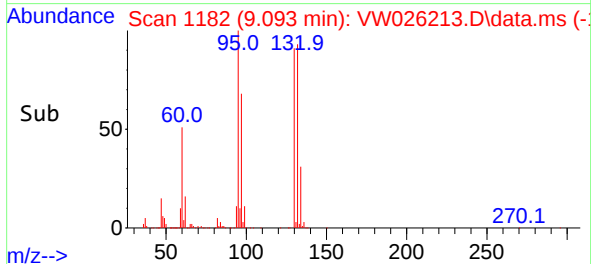
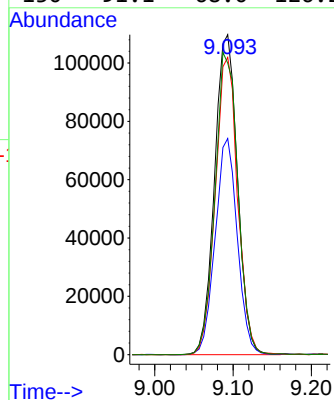
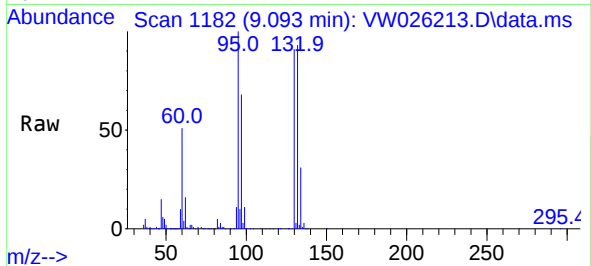




#34
Trichloroethene
Concen: 21.997 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

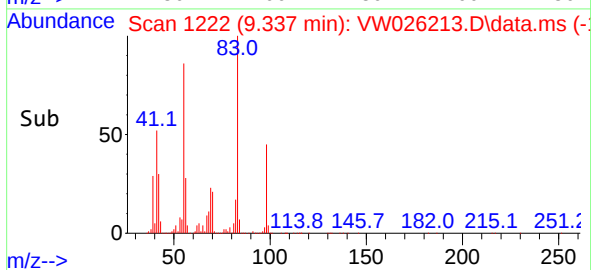
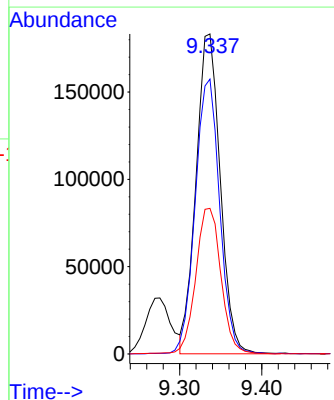
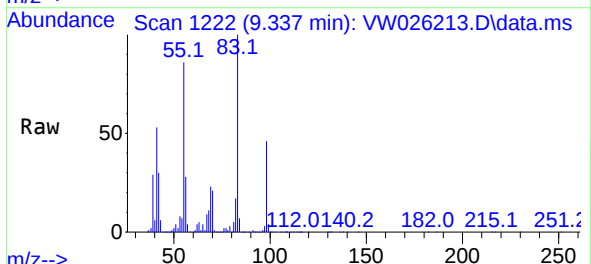
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

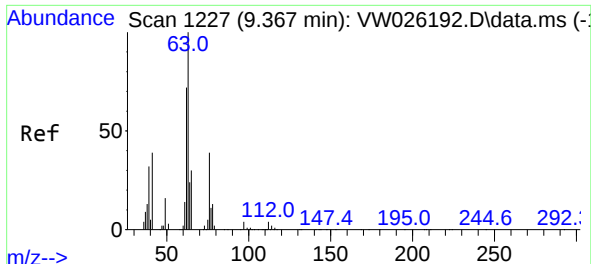
Tgt Ion: 95 Resp: 223104
Ion Ratio Lower Upper
95 100
97 67.5 45.9 85.3
132 92.9 67.1 124.7
130 91.1 68.0 126.2



#35
Methylcyclohexane
Concen: 20.880 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

Tgt Ion: 83 Resp: 374742
Ion Ratio Lower Upper
83 100
55 87.1 68.2 102.4
98 47.6 38.1 57.1





#37

1,2-Dichloropropane

Concen: 23.730 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW026213.D

Acq: 15 Jun 2023 19:05

Instrument :

MSVOA_W

ClientSampleId :

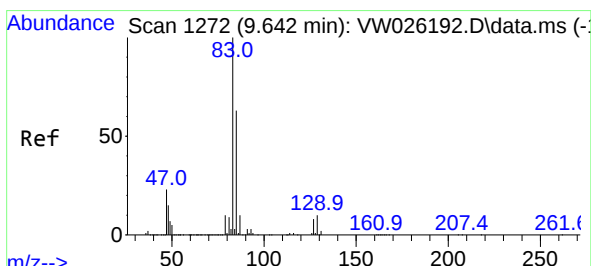
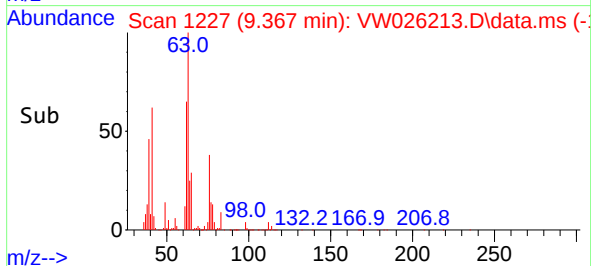
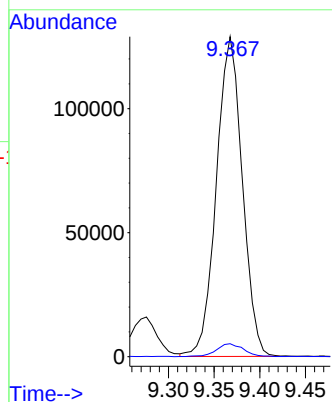
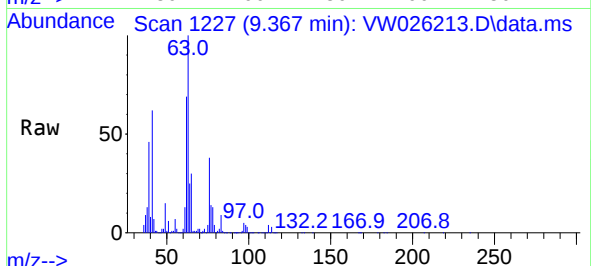
VSTD025520

Tgt Ion: 63 Resp: 254588

Ion Ratio Lower Upper

63 100

112 4.3 3.3 4.9



#38

Bromodichloromethane

Concen: 23.093 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026213.D

Acq: 15 Jun 2023 19:05

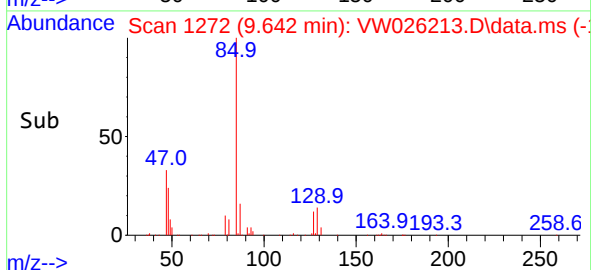
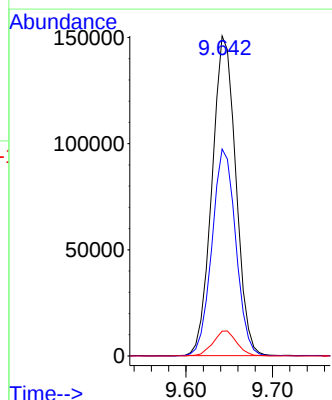
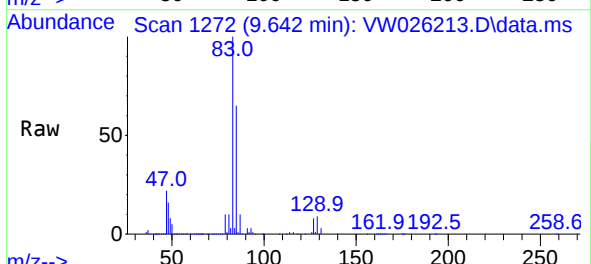
Tgt Ion: 83 Resp: 287831

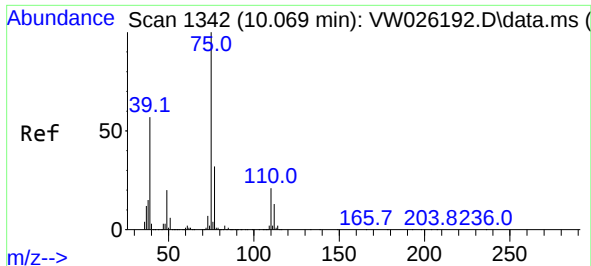
Ion Ratio Lower Upper

83 100

85 64.7 44.2 82.0

127 7.8 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 22.305 ug/L

RT: 10.075 min Scan# 1342

Delta R.T. 0.006 min

Lab File: VW026213.D

Acq: 15 Jun 2023 19:05

Instrument :

MSVOA_W

ClientSampleId :

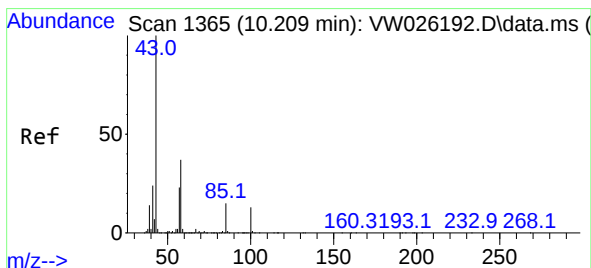
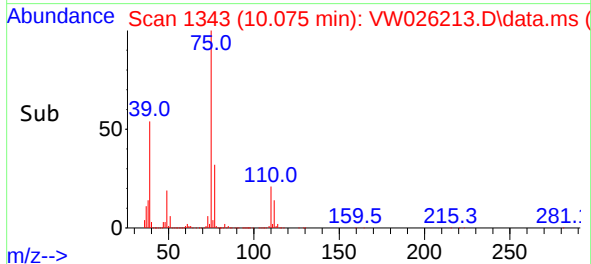
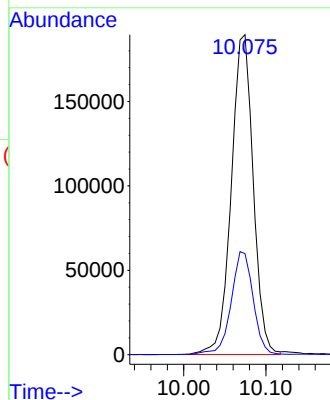
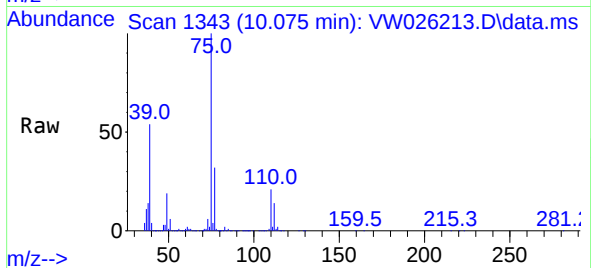
VSTD025520

Tgt Ion: 75 Resp: 351662

Ion Ratio Lower Upper

75 100

77 31.6 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 55.790 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026213.D

Acq: 15 Jun 2023 19:05

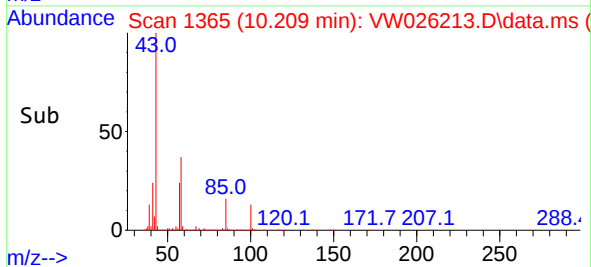
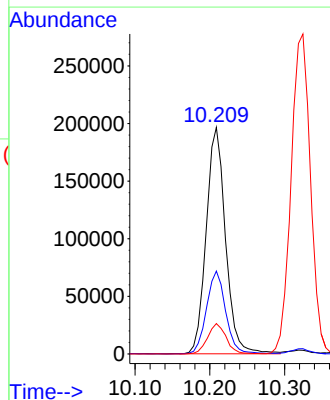
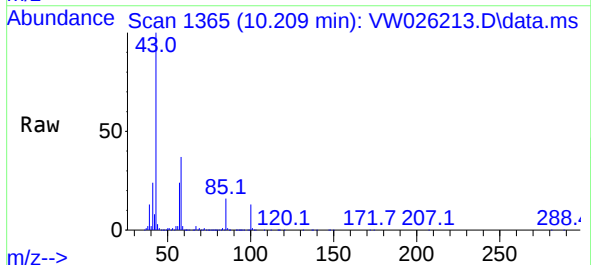
Tgt Ion: 43 Resp: 352877

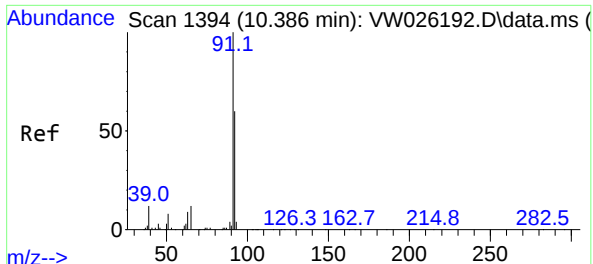
Ion Ratio Lower Upper

43 100

58 36.2 29.0 43.4

100 13.0 10.5 15.7

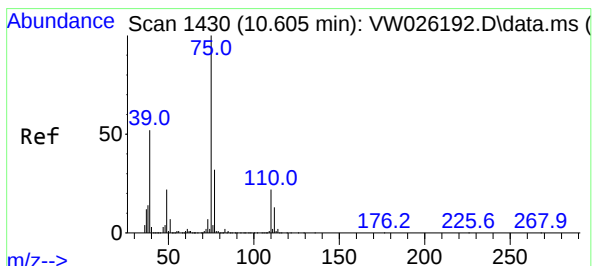
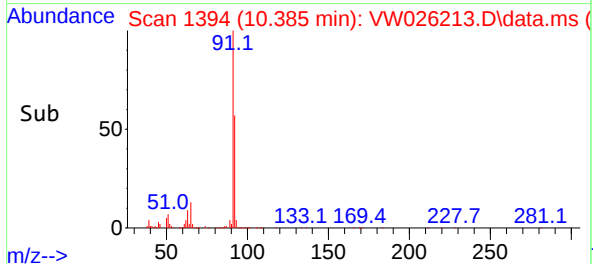
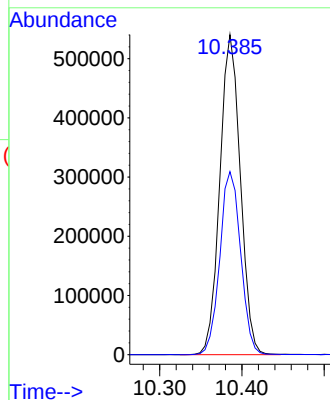
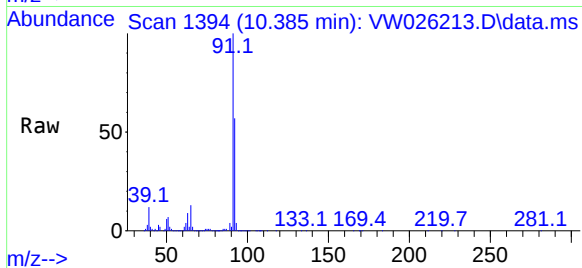




#42
Toluene
Concen: 23.100 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

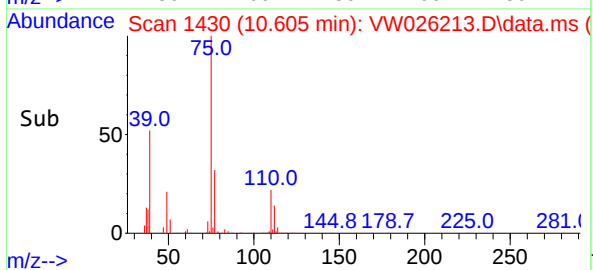
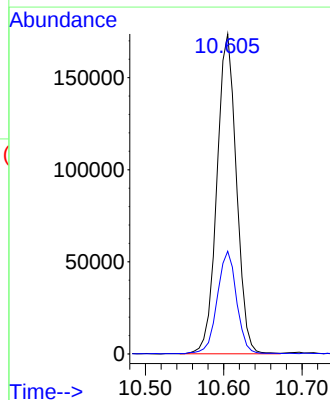
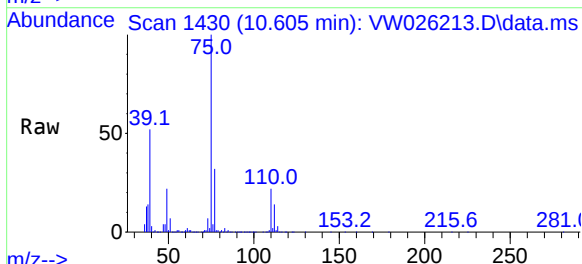
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

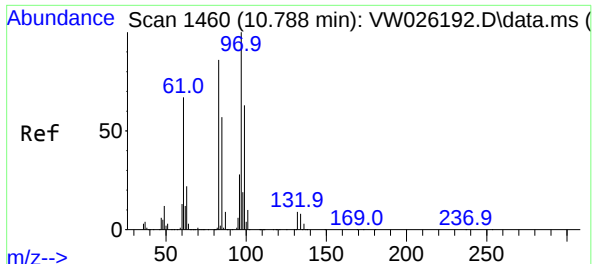
Tgt Ion: 91 Resp: 935876
Ion Ratio Lower Upper
91 100
92 57.2 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 22.889 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

Tgt Ion: 75 Resp: 300630
Ion Ratio Lower Upper
75 100
77 32.1 21.1 39.3





#45

1,1,2-Trichloroethane

Concen: 24.379 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VW026213.D

Acq: 15 Jun 2023 19:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD025520

Tgt Ion: 97 Resp: 172375

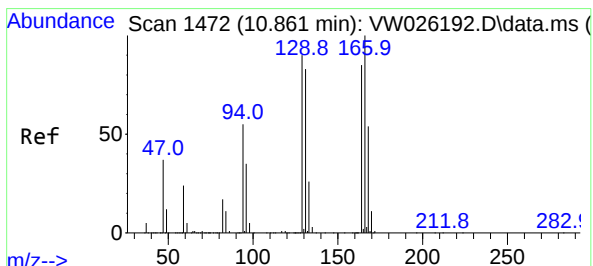
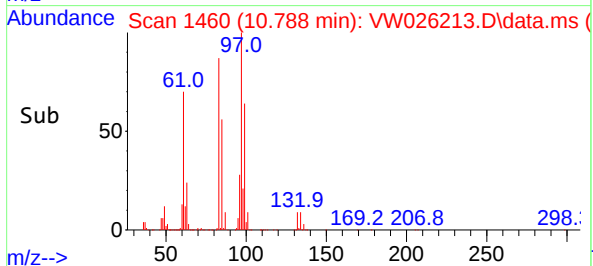
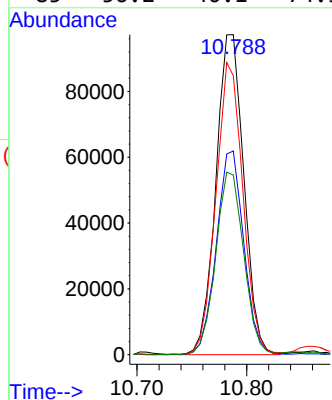
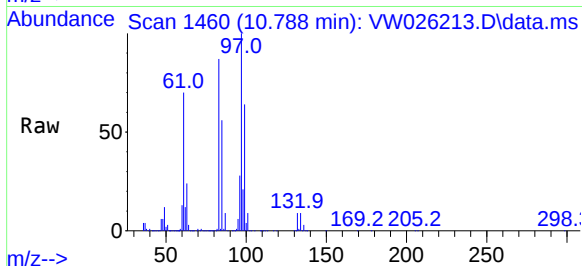
Ion Ratio Lower Upper

97 100

99 63.6 43.3 80.5

83 87.2 62.9 116.9

85 56.2 40.1 74.5



#46

Tetrachloroethene

Concen: 21.303 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW026213.D

Acq: 15 Jun 2023 19:05

Tgt Ion:164 Resp: 152825

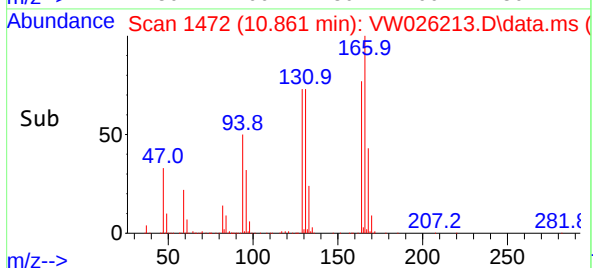
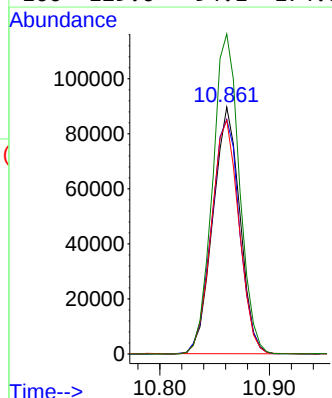
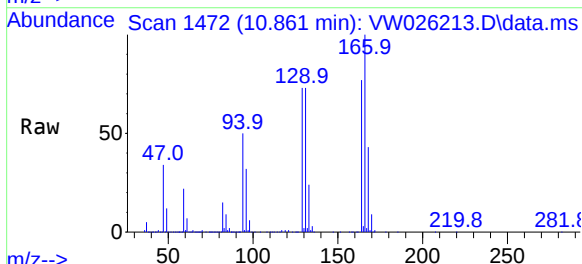
Ion Ratio Lower Upper

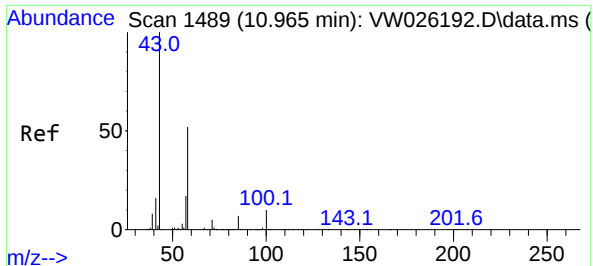
164 100

129 95.0 68.5 127.1

131 94.8 67.1 124.7

166 129.6 94.1 174.8



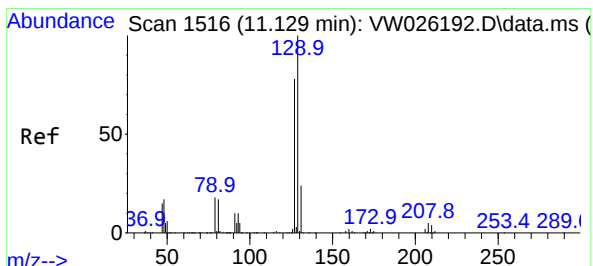
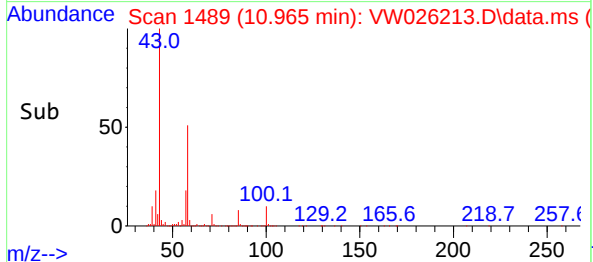
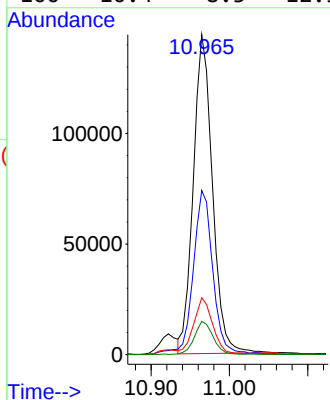
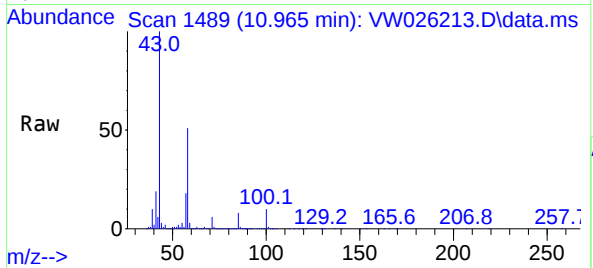


#48
2-Hexanone
Concen: 55.055 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

Tgt Ion: 43 Resp: 245534

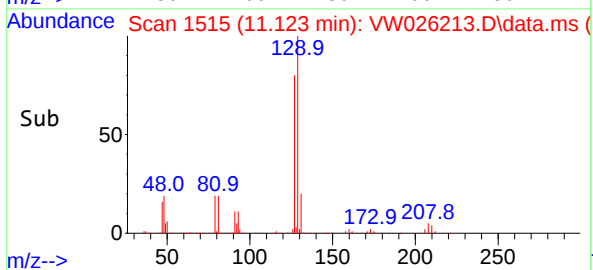
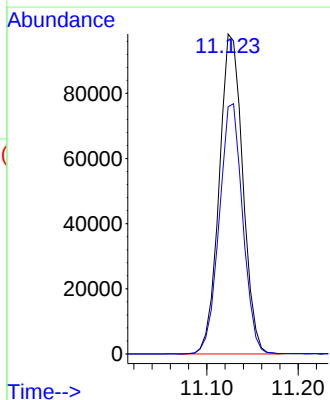
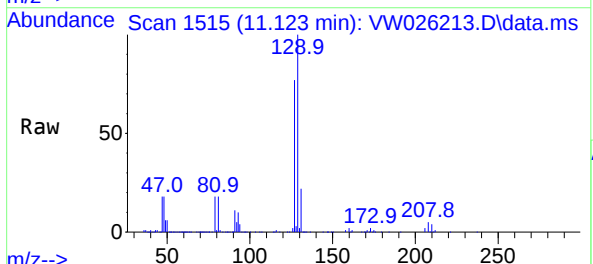
Ion	Ratio	Lower	Upper
43	100		
58	52.9	42.2	63.2
57	17.3	14.2	21.2
100	10.4	8.3	12.5

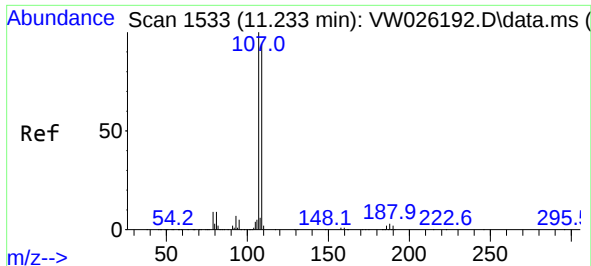


#49
Dibromochloromethane
Concen: 23.722 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

Tgt Ion: 129 Resp: 175858

Ion	Ratio	Lower	Upper
129	100		
127	77.3	56.9	105.7



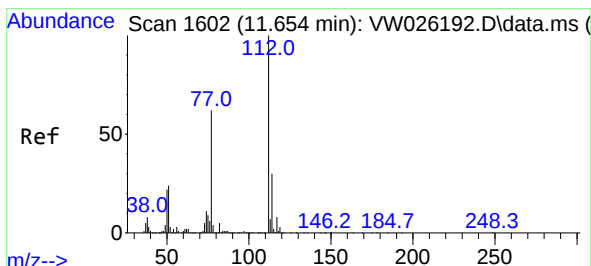
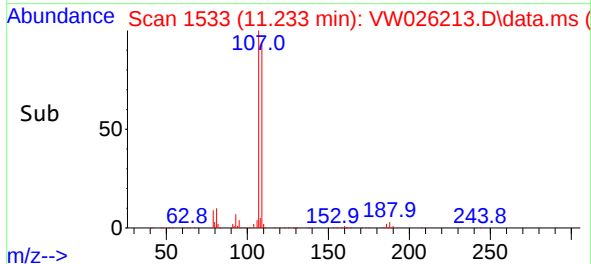
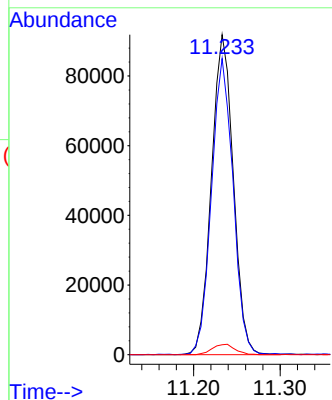
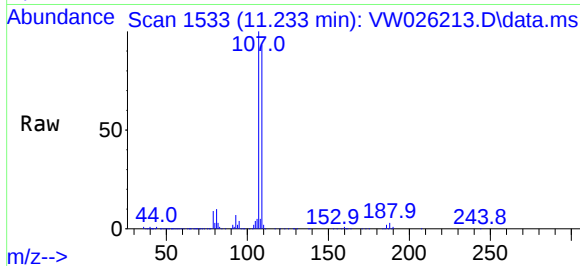


#50
1,2-Dibromoethane
Concen: 24.584 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

Tgt Ion:107 Resp: 160948

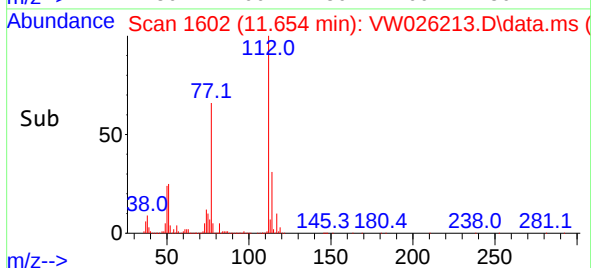
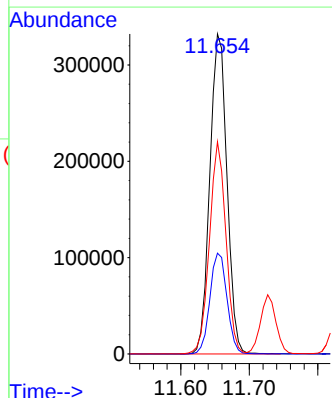
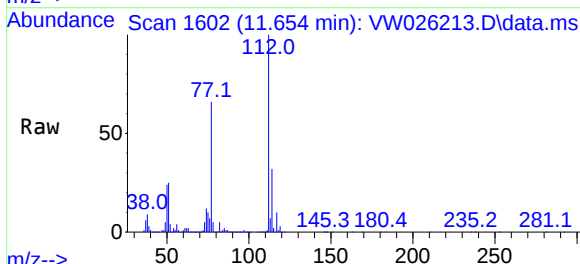
Ion	Ratio	Lower	Upper
107	100		
109	92.5	64.0	119.0
188	3.1	2.6	3.8

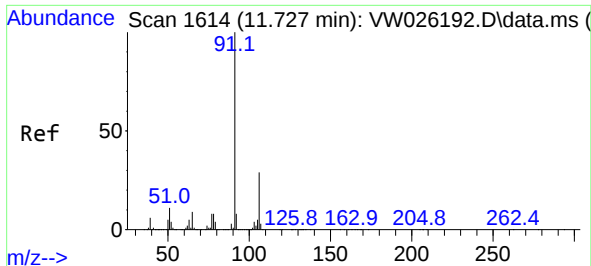


#51
Chlorobenzene
Concen: 22.724 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

Tgt Ion:112 Resp: 576906

Ion	Ratio	Lower	Upper
112	100		
114	31.5	23.0	42.6
77	66.3	50.9	76.3

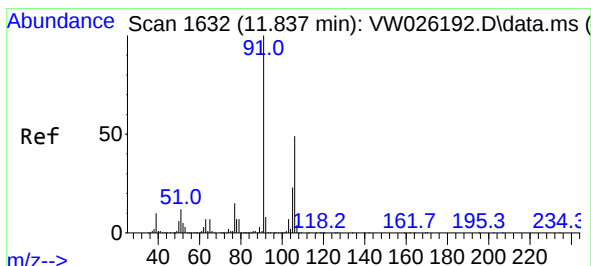
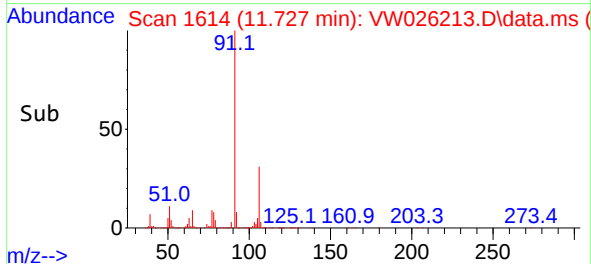
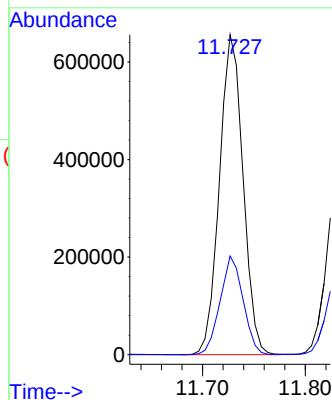
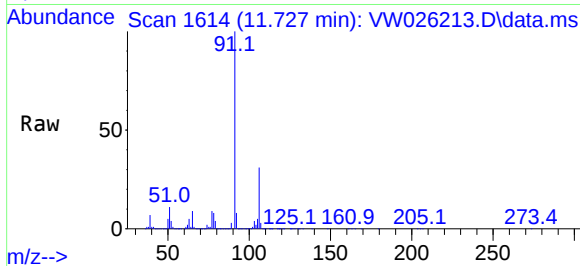




#52
Ethylbenzene
Concen: 22.836 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

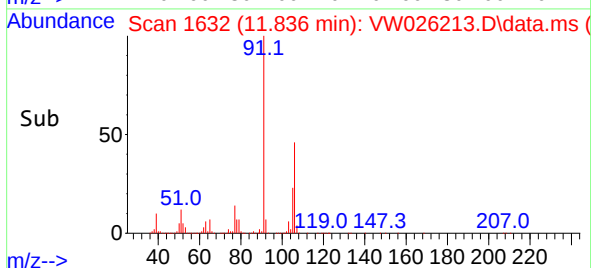
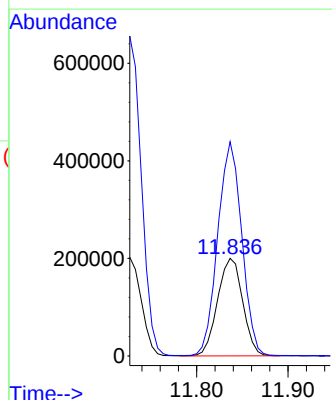
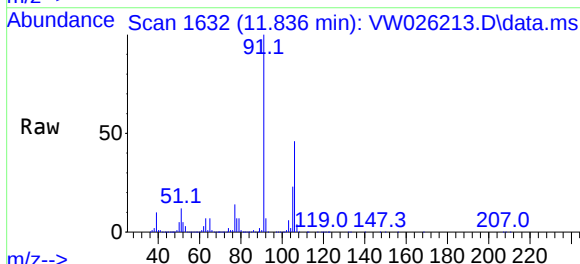
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

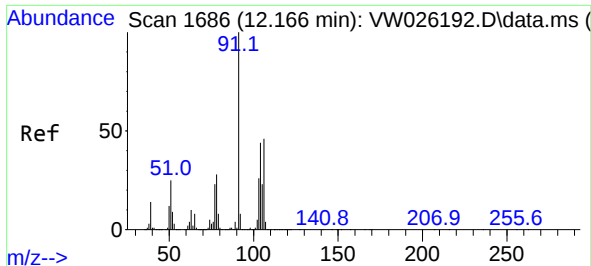
Tgt Ion: 91 Resp: 1043633
Ion Ratio Lower Upper
91 100
106 30.8 21.2 39.4



#53
m,p-Xylene
Concen: 22.426 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

Tgt Ion:106 Resp: 381277
Ion Ratio Lower Upper
106 100
91 219.6 149.5 277.7

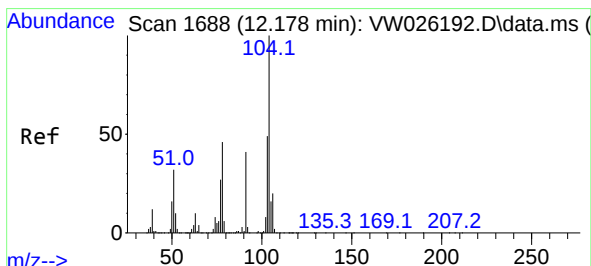
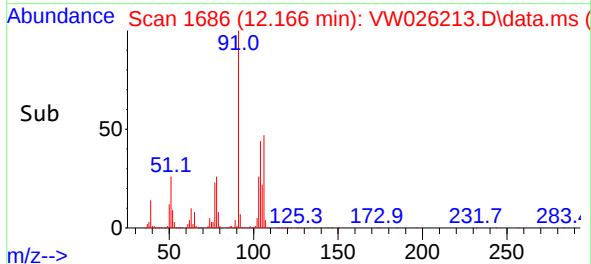
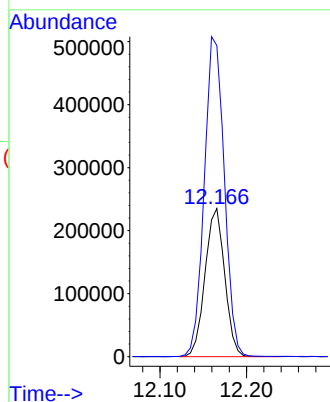
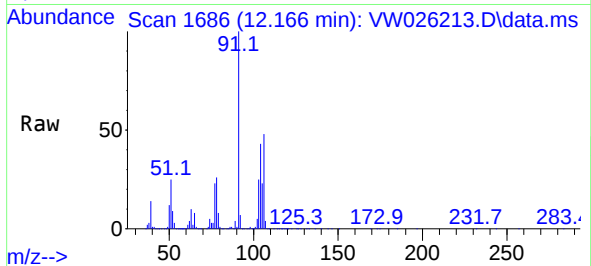




#54
o-Xylene
Concen: 23.080 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

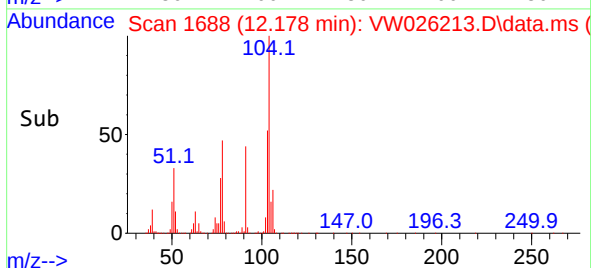
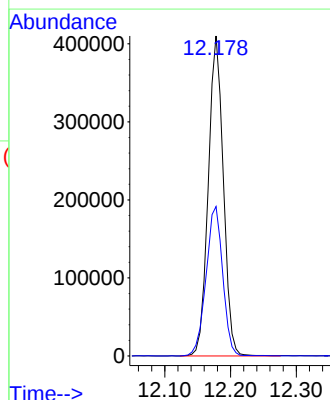
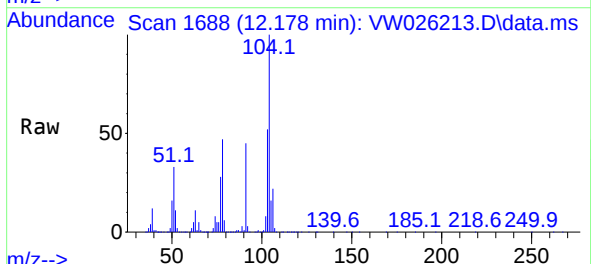
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

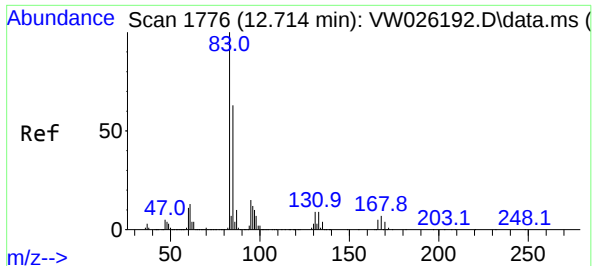
Tgt Ion:106 Resp: 370359
Ion Ratio Lower Upper
106 100
91 210.0 150.9 280.3



#55
Styrene
Concen: 23.726 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

Tgt Ion:104 Resp: 653165
Ion Ratio Lower Upper
104 100
78 46.7 32.6 60.6

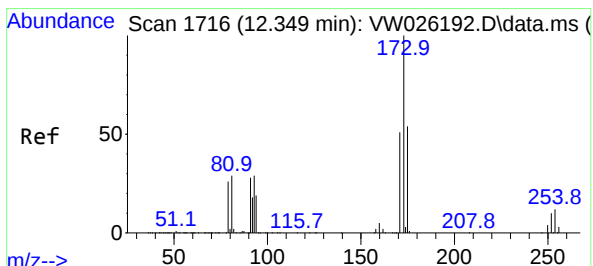
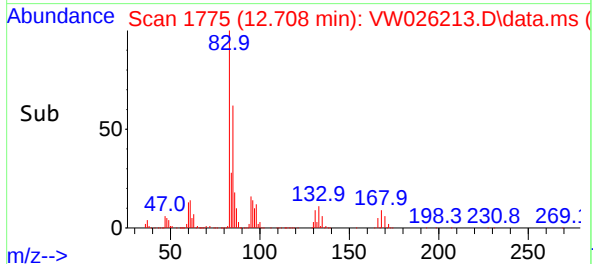
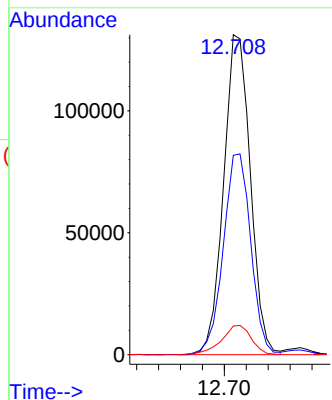
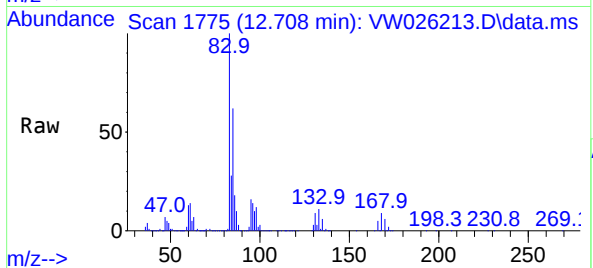




#57
1,1,2-Tetrachloroethane
Concen: 25.982 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

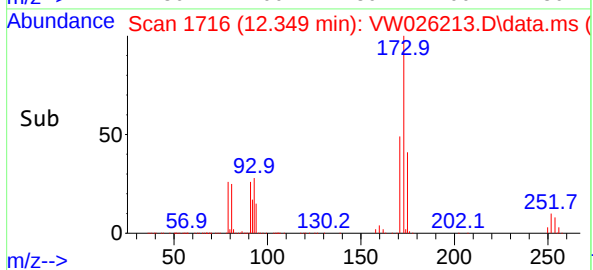
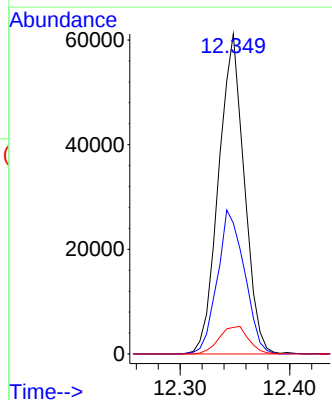
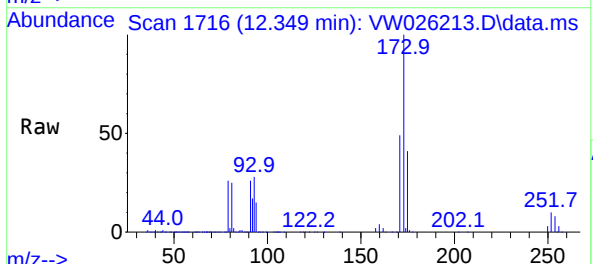
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

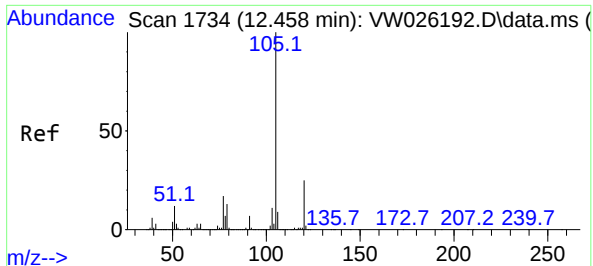
Tgt Ion: 83 Resp: 222325
Ion Ratio Lower Upper
83 100
85 62.3 42.6 79.0
131 9.0 7.2 10.8



#59
Bromoform
Concen: 23.174 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

Tgt Ion: 173 Resp: 99446
Ion Ratio Lower Upper
173 100
175 47.6 38.6 57.8
254 9.9 7.4 11.0



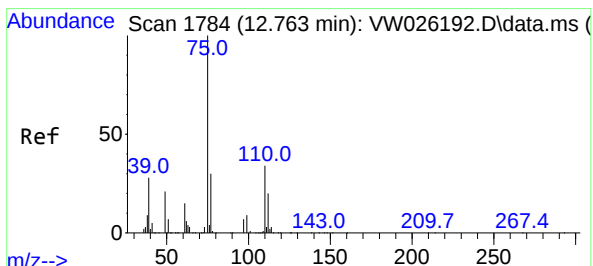
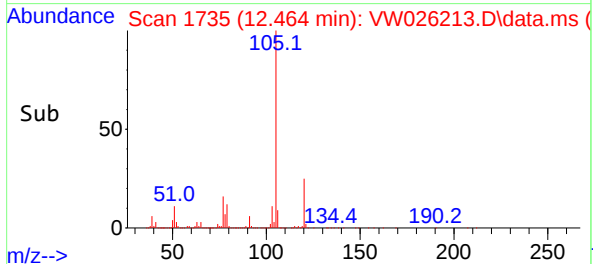
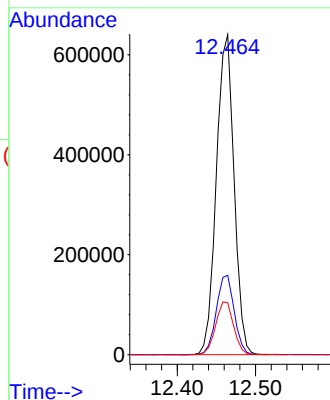
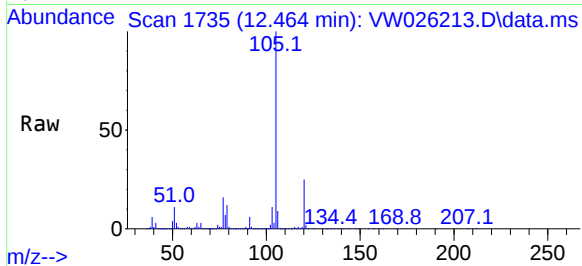


#60
Isopropylbenzene
Concen: 22.408 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

Tgt Ion:105 Resp: 1005746

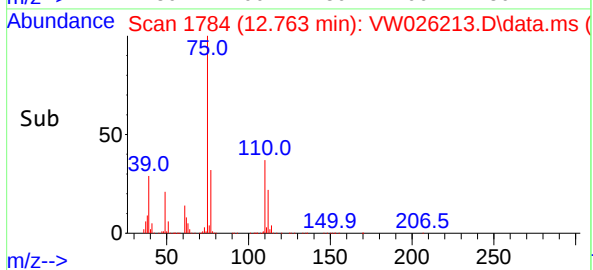
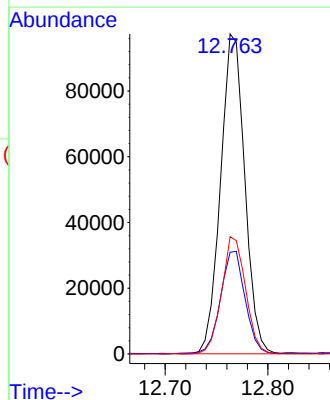
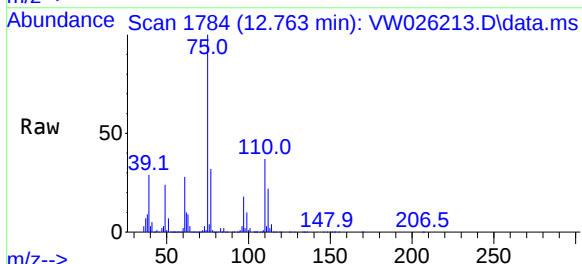
Ion	Ratio	Lower	Upper
105	100		
120	25.1	19.8	29.8
77	16.8	13.3	19.9

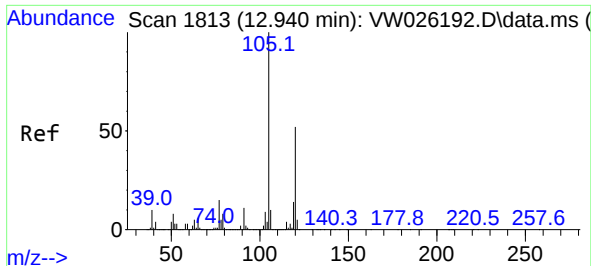


#61
1,2,3-Trichloropropane
Concen: 24.866 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

Tgt Ion: 75 Resp: 159138

Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.2	37.8
110	36.2	28.7	43.1

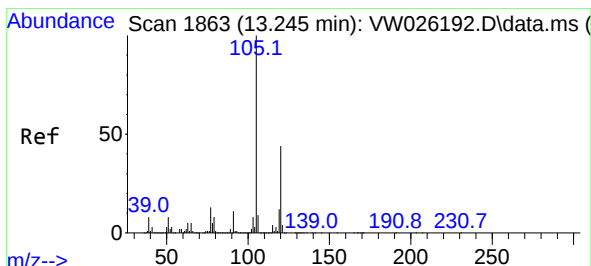
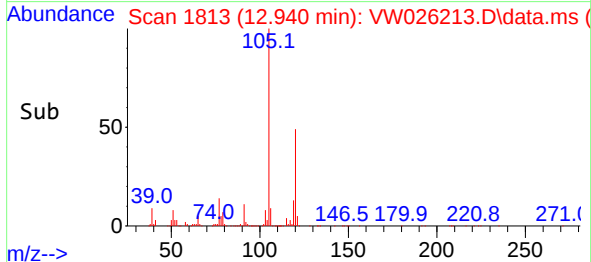
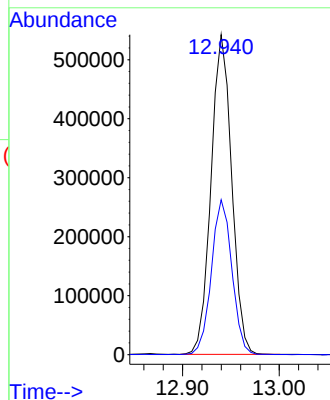
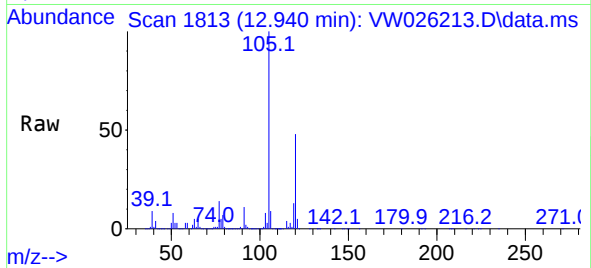




#62
1,3,5-Trimethylbenzene
Concen: 22.542 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

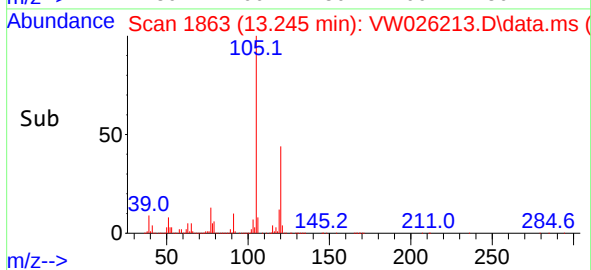
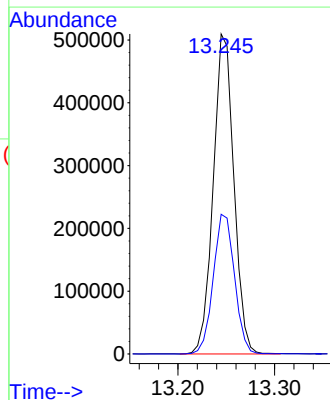
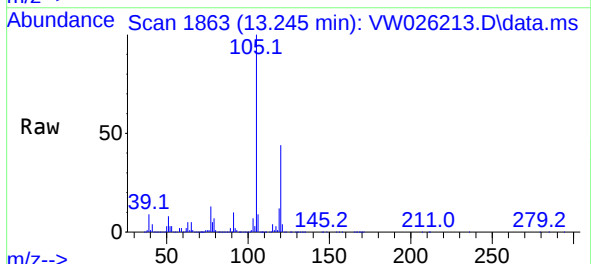
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

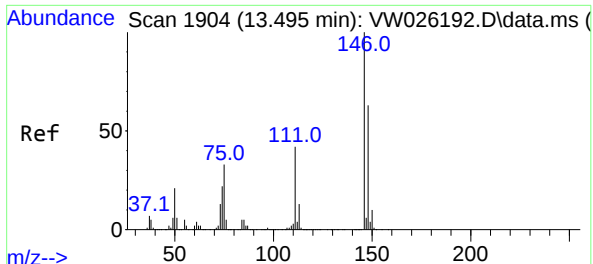
Tgt Ion:105 Resp: 804296
Ion Ratio Lower Upper
105 100
120 48.0 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 23.026 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

Tgt Ion:105 Resp: 752471
Ion Ratio Lower Upper
105 100
120 45.1 36.2 54.2

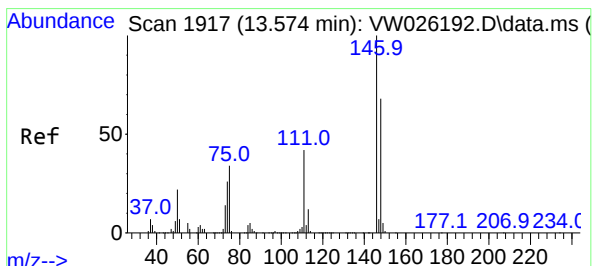
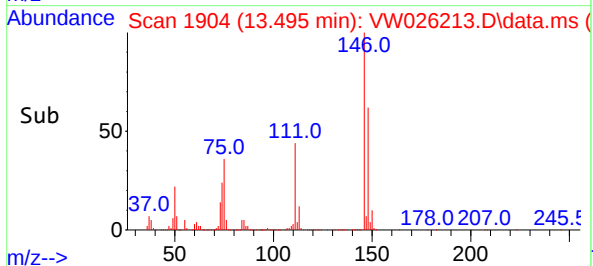
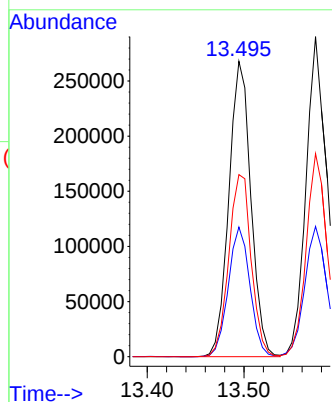
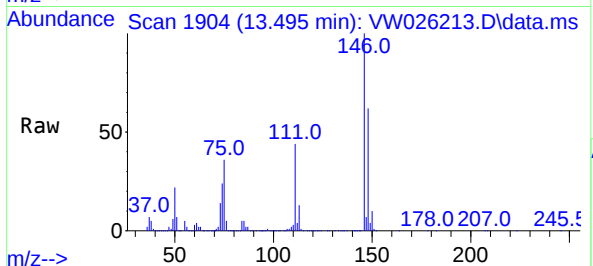




#64
1,3-Dichlorobenzene
Concen: 22.440 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

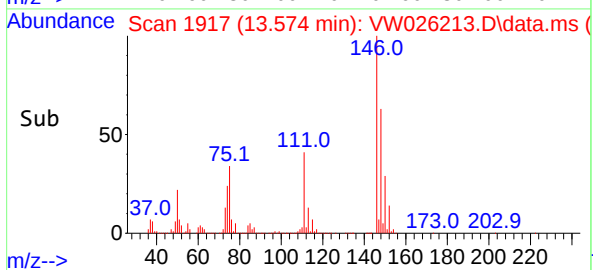
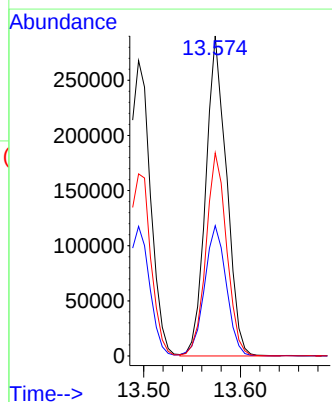
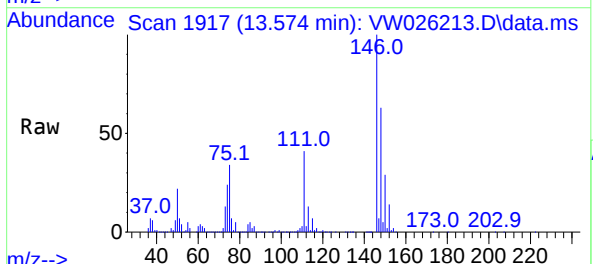
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

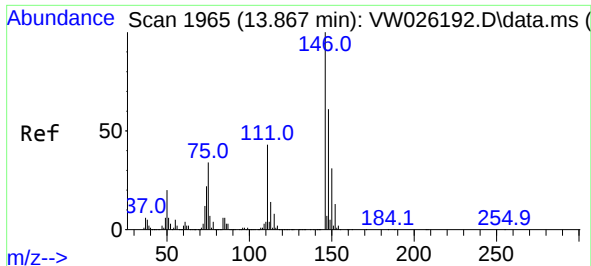
Tgt Ion:146 Resp: 423477
Ion Ratio Lower Upper
146 100
111 43.9 29.7 55.1
148 61.6 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 22.830 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

Tgt Ion:146 Resp: 433759
Ion Ratio Lower Upper
146 100
111 40.7 29.2 54.2
148 63.5 42.8 79.6

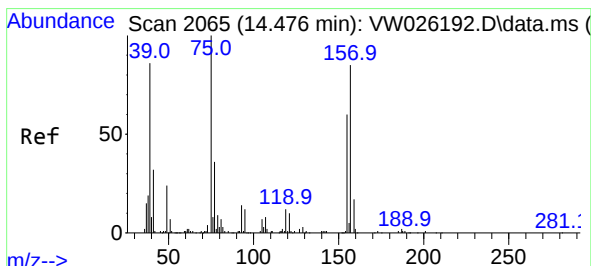
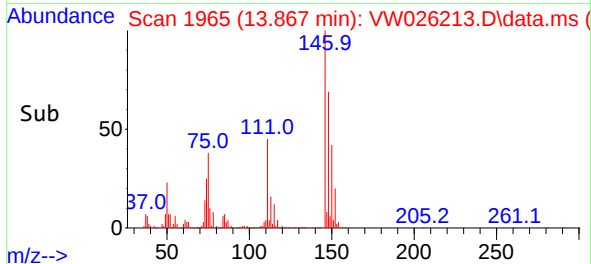
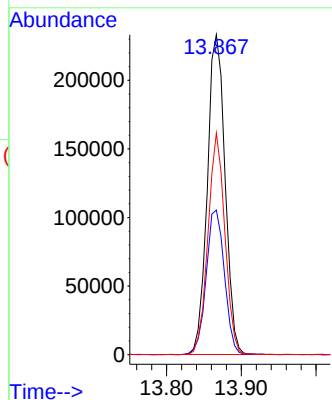
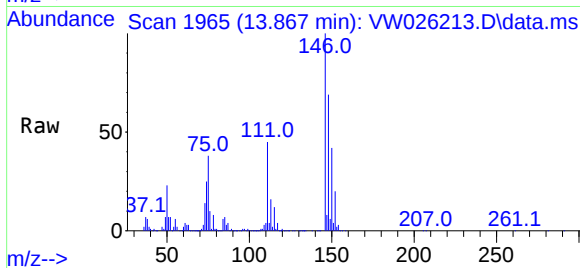




#67
1,2-Dichlorobenzene
Concen: 22.713 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

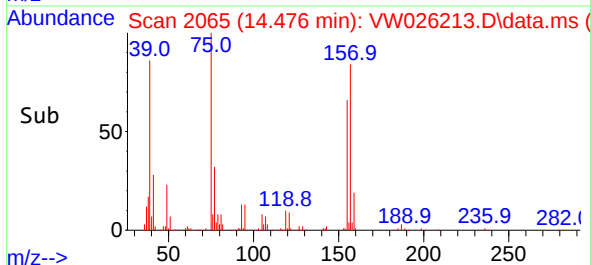
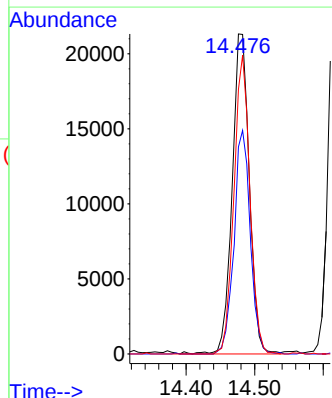
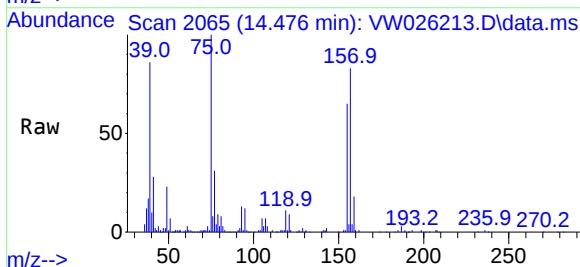
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

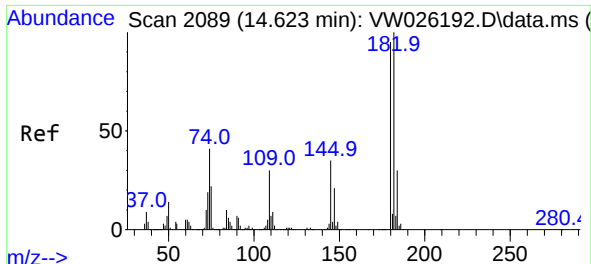
Tgt Ion:146 Resp: 384910
Ion Ratio Lower Upper
146 100
111 45.2 35.4 53.0
148 69.3 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 25.079 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

Tgt Ion: 75 Resp: 37187
Ion Ratio Lower Upper
75 100
155 64.7 59.0 88.6
157 82.6 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 20.848 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026213.D

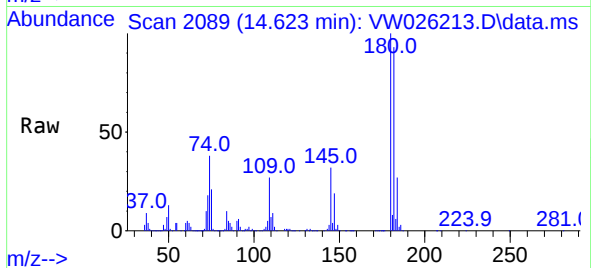
Acq: 15 Jun 2023 19:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD025520



Tgt Ion:180 Resp: 270264

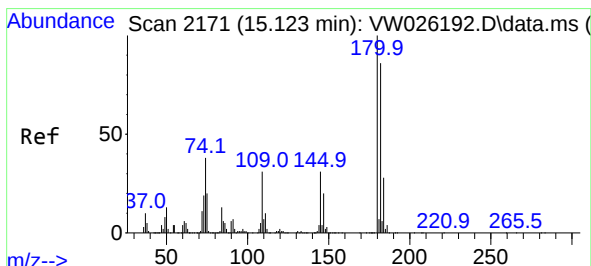
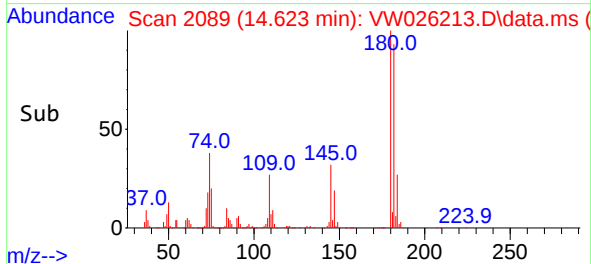
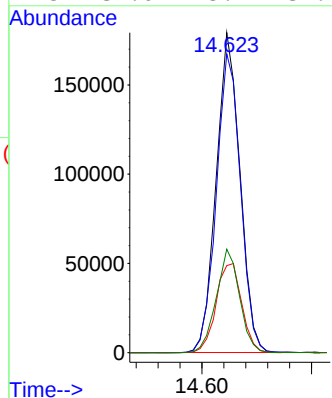
Ion Ratio Lower Upper

180 100

182 95.2 77.0 115.4

184 30.1 23.7 35.5

145 31.6 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 21.069 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026213.D

Acq: 15 Jun 2023 19:05

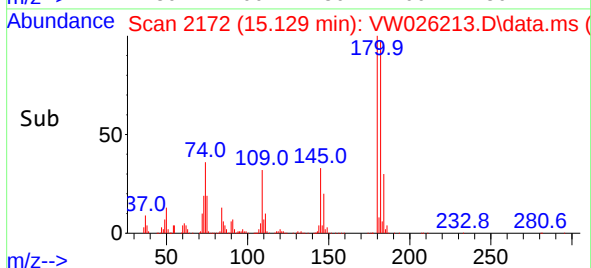
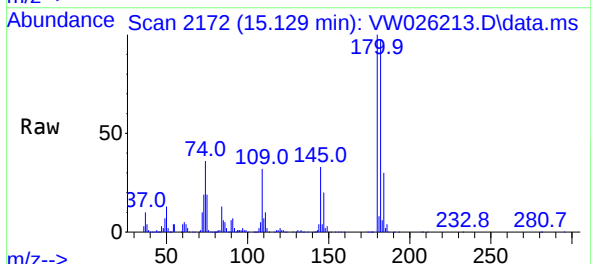
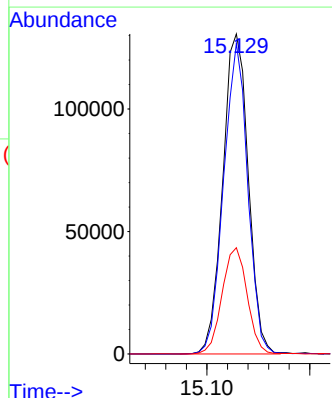
Tgt Ion:180 Resp: 225369

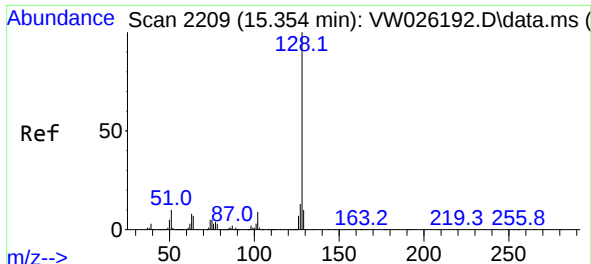
Ion Ratio Lower Upper

180 100

182 91.5 78.9 118.3

145 32.6 27.2 40.8

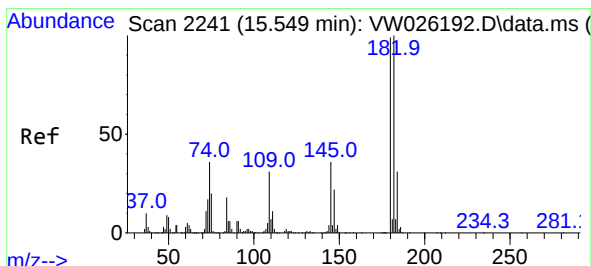
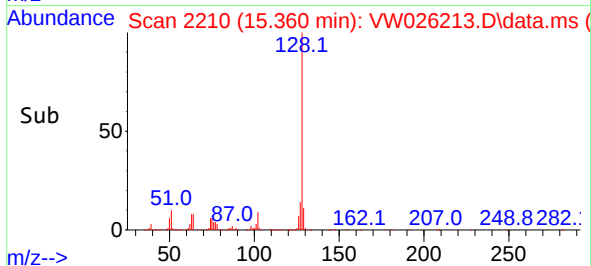
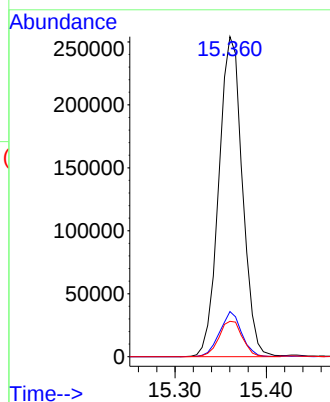
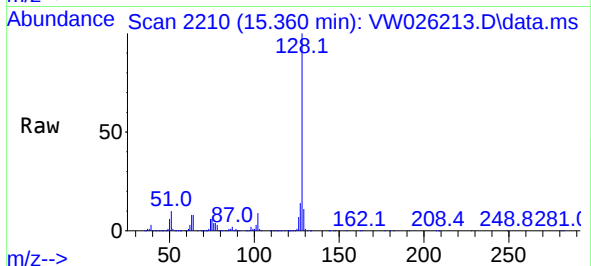




#71
Naphthalene
Concen: 23.869 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

Tgt Ion:128 Resp: 455054
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.1 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 21.361 ug/L
RT: 15.555 min Scan# 2242
Delta R.T. 0.006 min
Lab File: VW026213.D
Acq: 15 Jun 2023 19:05

Tgt Ion:180 Resp: 199701
Ion Ratio Lower Upper
180 100
182 96.4 76.3 114.5
145 35.6 27.0 40.6

