

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081623\
 Data File : VW026755.D
 Acq On : 16 Aug 2023 13:42
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025582

Quant Time: Aug 17 01:30:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 17 01:28:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	461717	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	491306	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	263805	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	142796	18.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.240%
7) Chloroethane-d5	2.899	69	123331	21.852	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	4.027	65	82249	22.033	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.120%
21) 2-Butanone-d5	7.075	46	100576	46.103	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.200%
24) Chloroform-d	7.642	84	422548	27.267	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.080%
26) 1,2-Dichloroethane-d4	8.307	65	229095	26.789	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.160%
32) Benzene-d6	8.270	84	816293	24.108	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.440%
36) 1,2-Dichloropropane-d6	9.270	67	261914	24.832	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.320%
41) Toluene-d8	10.319	98	664146	22.850	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	10.575	79	95655	21.966	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.880%
47) 2-Hexanone-d5	10.922	63	48497	43.759	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	215840	25.913	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	246658	26.123	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	172569	27.490	ug/L	# 88
3) Chloromethane	2.229	50	195319	22.754	ug/L	98
5) Vinyl chloride	2.375	62	201062	24.502	ug/L	98
6) Bromomethane	2.789	94	120548	25.214	ug/L	99
8) Chloroethane	2.936	64	119821	24.369	ug/L	97
9) Trichlorofluoromethane	3.265	101	153780	22.835	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	190733	26.220	ug/L	97
12) 1,1-Dichloroethene	4.051	96	182628	26.761	ug/L	92
13) Acetone	4.125	43	78277	36.087	ug/L	100
14) Carbon disulfide	4.393	76	644041	26.232	ug/L	99
15) Methyl Acetate	4.667	43	102750	23.648	ug/L	97
16) Methylene chloride	4.917	84	205352	22.992	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	211422	27.762	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	316503	27.467	ug/L	99
19) 1,1-Dichloroethane	6.216	63	437903	27.939	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	230682	28.181	ug/L	93
22) 2-Butanone	7.173	43	130803	40.919	ug/L	98
23) Bromochloromethane	7.508	128	99514	28.144	ug/L	95
25) Chloroform	7.673	83	412329	27.230	ug/L	100

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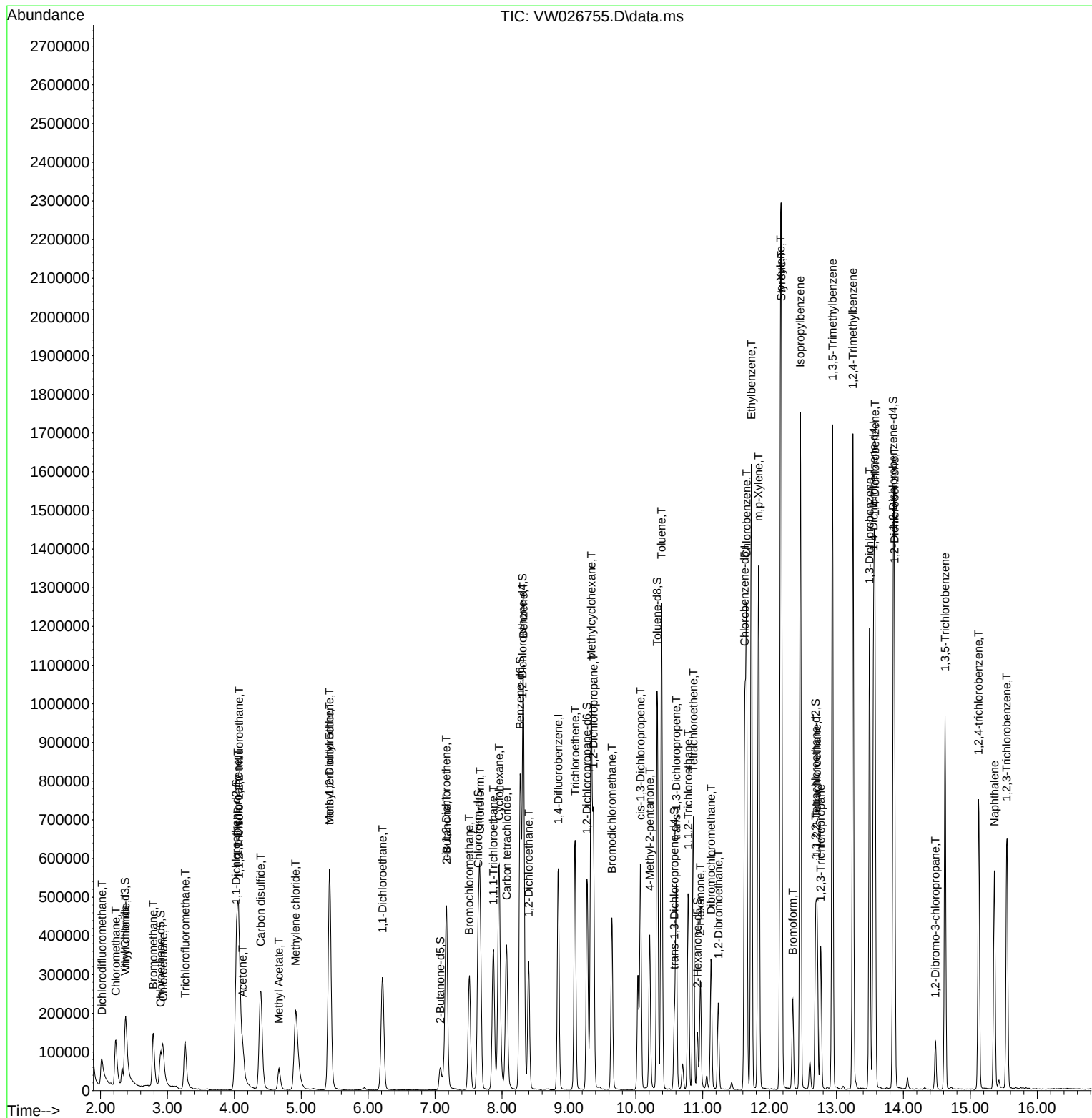
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	295936	28.015	ug/L	99
29) Cyclohexane	7.959	56	342249	22.526	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	305094	23.794	ug/L	99
31) Carbon tetrachloride	8.069	117	301219	25.693	ug/L	97
33) Benzene	8.319	78	892805	24.954	ug/L	100
34) Trichloroethene	9.093	95	231005	25.351	ug/L	97
35) Methylcyclohexane	9.337	83	387075	24.830	ug/L	98
37) 1,2-Dichloropropane	9.368	63	255082	26.029	ug/L	99
38) Bromodichloromethane	9.642	83	300547	26.143	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	334745	23.744	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	263403	41.321	ug/L	98
42) Toluene	10.386	91	883747	24.418	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	288553	23.779	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	155477	23.198	ug/L	98
46) Tetrachloroethene	10.861	164	146145	22.076	ug/L	86
48) 2-Hexanone	10.965	43	182613	42.100	ug/L	98
49) Dibromochloromethane	11.123	129	171143	24.414	ug/L	96
50) 1,2-Dibromoethane	11.233	107	147211	23.409	ug/L	97
51) Chlorobenzene	11.654	112	590407	25.825	ug/L	98
52) Ethylbenzene	11.727	91	1099120	27.081	ug/L	98
53) m,p-Xylene	11.837	106	405054	26.939	ug/L	97
54) o-Xylene	12.166	106	388440	27.680	ug/L	100
55) Styrene	12.178	104	686592	28.139	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	208904	24.611	ug/L	100
59) Bromoform	12.349	173	106195	25.697	ug/L	99
60) Isopropylbenzene	12.458	105	1046289	26.677	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	155401	24.285	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	866073	27.937	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	871649	28.693	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	453293	26.574	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	456761	25.659	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	396384	25.555	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	33687	21.837	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	271295	23.542	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	224896	23.018	ug/L	96
71) Naphthalene	15.360	128	458809	24.617	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	210217	23.854	ug/L	95

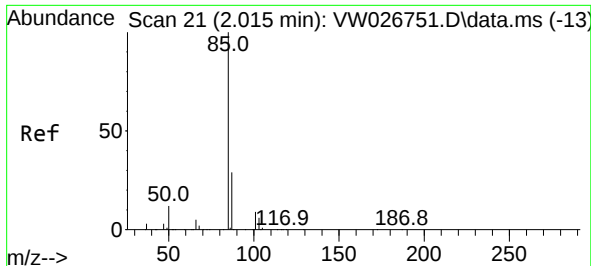
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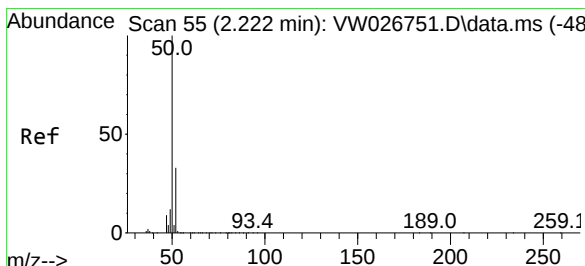
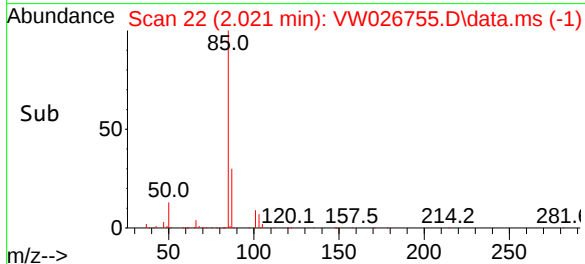
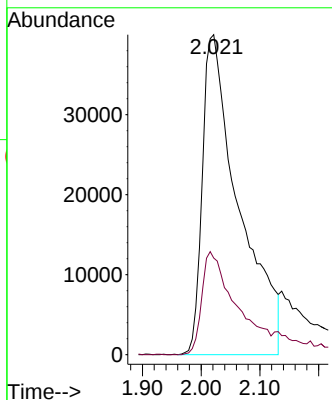
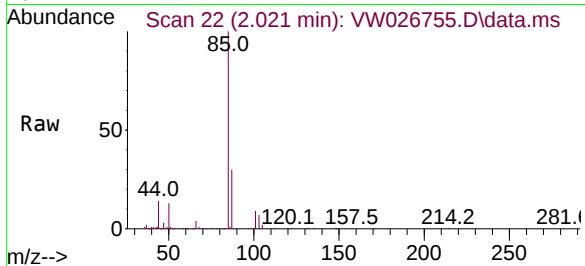




#2
 Dichlorodifluoromethane
 Concen: 27.490 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW026755.D
 Acq: 16 Aug 2023 13:42

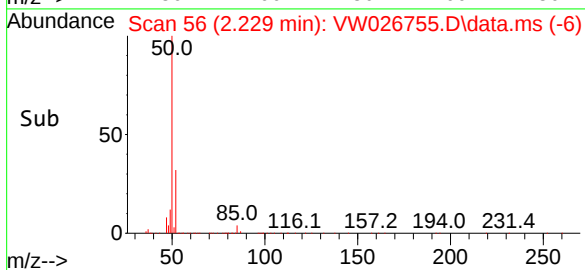
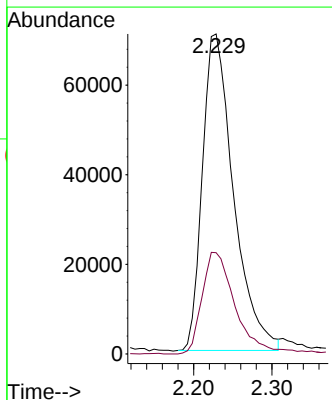
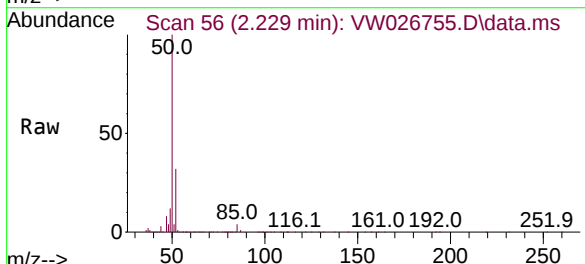
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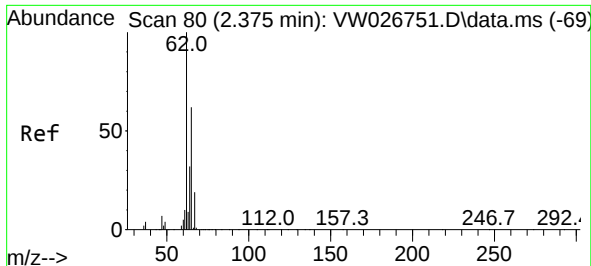
Tgt Ion: 85 Resp: 172569
 Ion Ratio Lower Upper
 85 100
 87 30.5 19.5 29.3#



#3
 Chloromethane
 Concen: 22.754 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW026755.D
 Acq: 16 Aug 2023 13:42

Tgt Ion: 50 Resp: 195319
 Ion Ratio Lower Upper
 50 100
 52 31.7 23.0 42.8

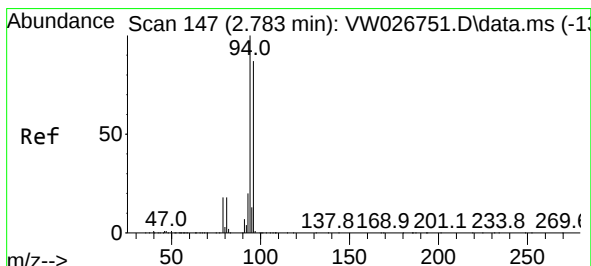
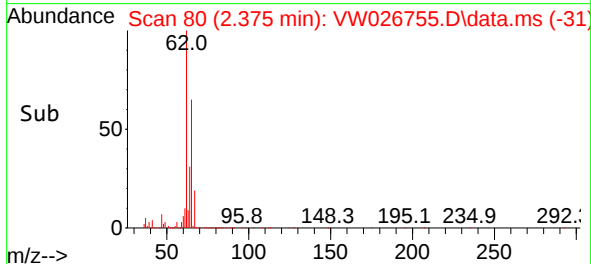
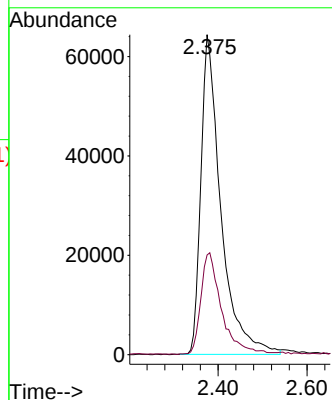
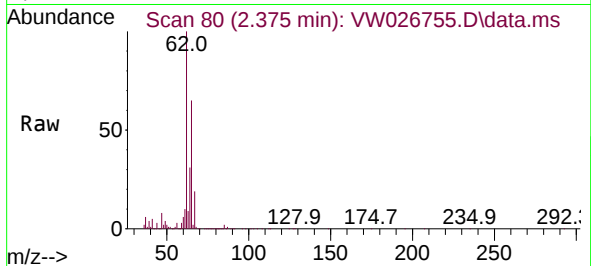




#5
 Vinyl chloride
 Concen: 24.502 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026755.D
 Acq: 16 Aug 2023 13:42

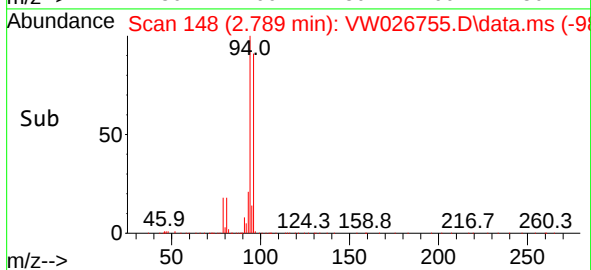
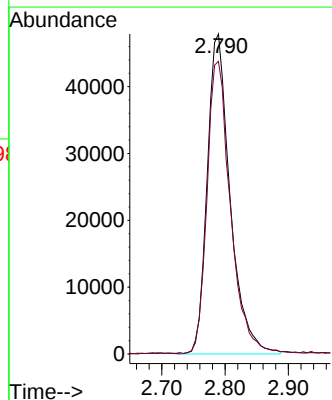
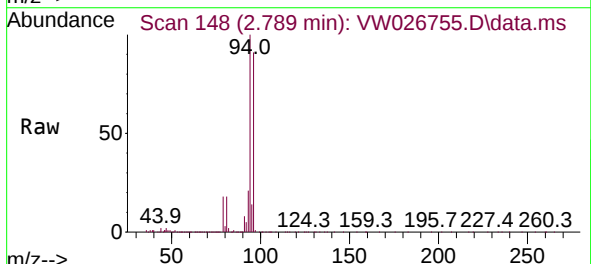
Instrument :
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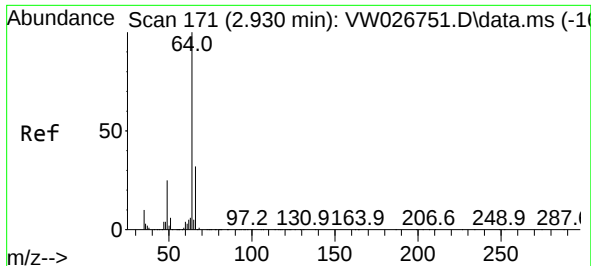
Tgt Ion: 62 Resp: 201062
 Ion Ratio Lower Upper
 62 100
 64 31.1 22.7 42.3



#6
 Bromomethane
 Concen: 25.214 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW026755.D
 Acq: 16 Aug 2023 13:42

Tgt Ion: 94 Resp: 120548
 Ion Ratio Lower Upper
 94 100
 96 91.4 64.8 120.3

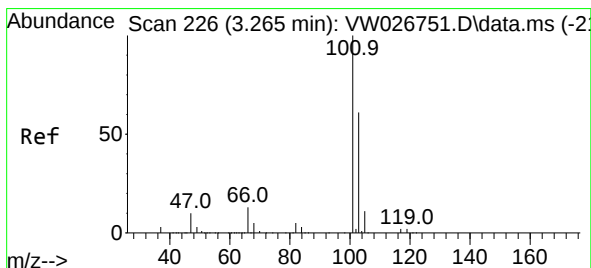
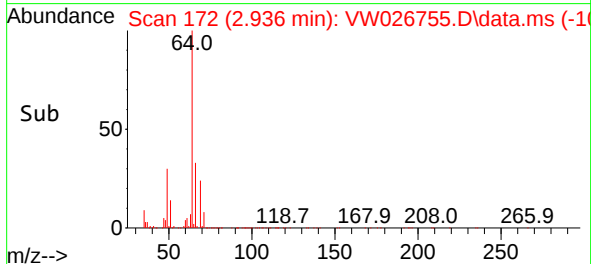
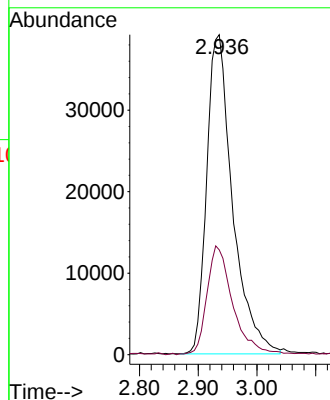
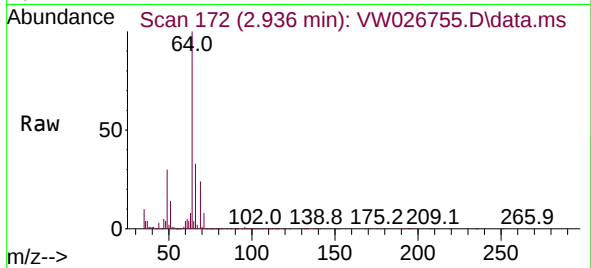




#8
Chloroethane
Concen: 24.369 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

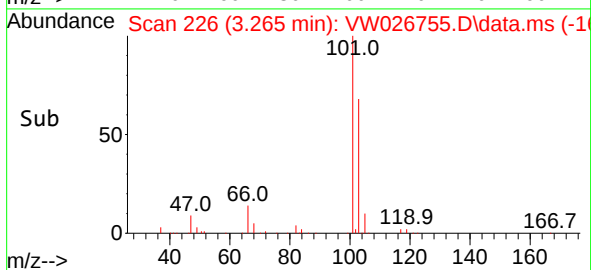
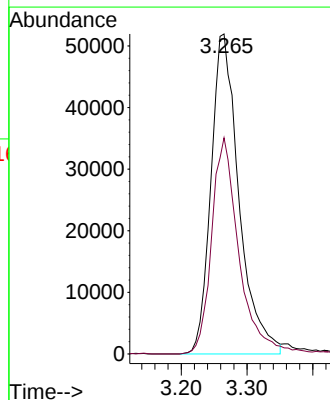
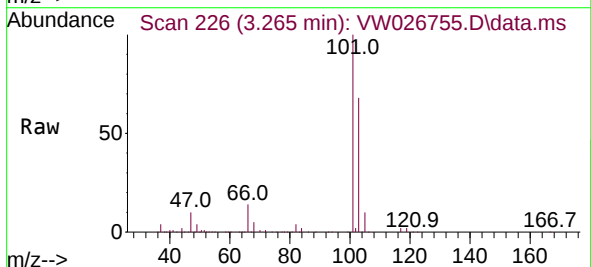
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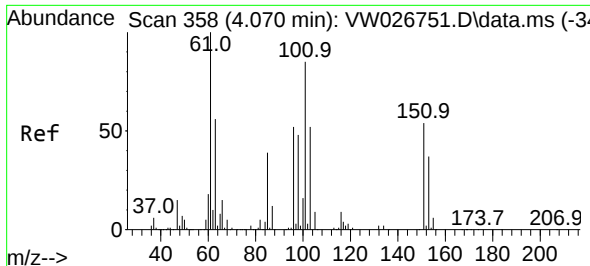
Tgt Ion: 64 Resp: 119821
Ion Ratio Lower Upper
64 100
66 32.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.835 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

Tgt Ion: 101 Resp: 153780
Ion Ratio Lower Upper
101 100
103 65.4 51.9 77.9

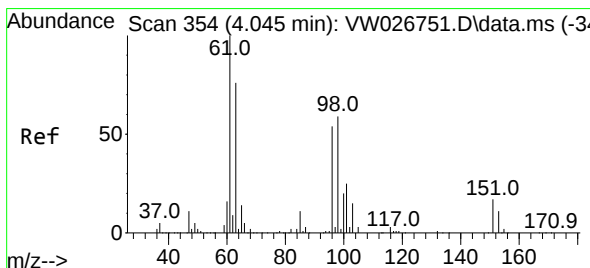
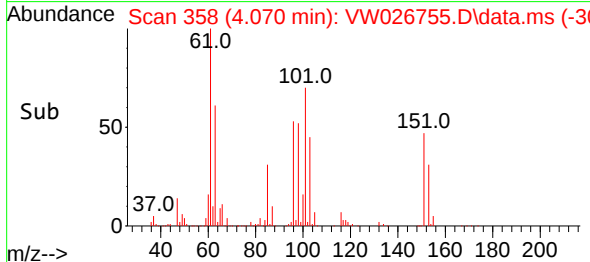
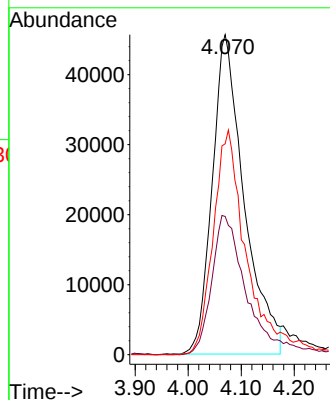
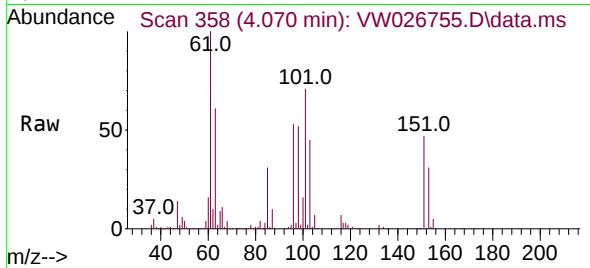




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.220 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW026755.D
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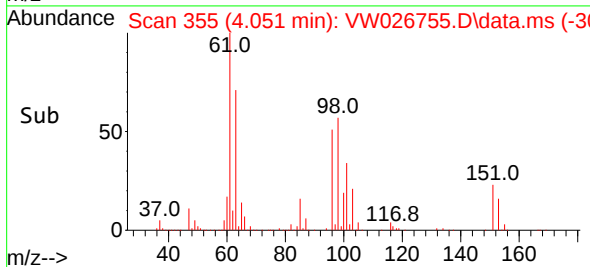
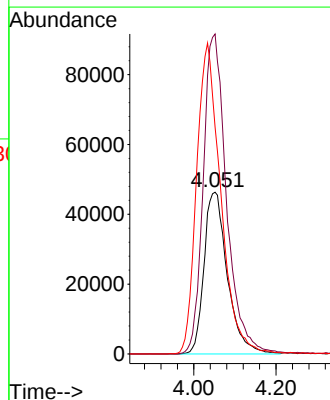
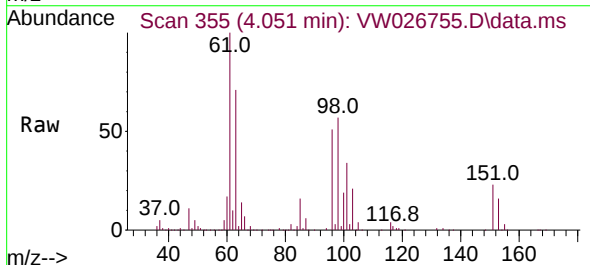
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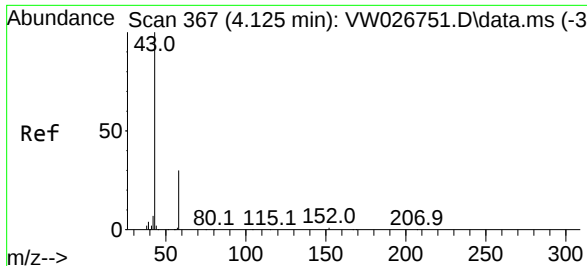
Tgt Ion:101 Resp: 190733
 Ion Ratio Lower Upper
 101 100
 85 44.4 32.8 49.2
 151 69.3 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 26.761 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW026755.D
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Tgt Ion: 96 Resp: 182628
 Ion Ratio Lower Upper
 96 100
 61 197.8 133.2 247.4
 63 140.2 109.0 202.4

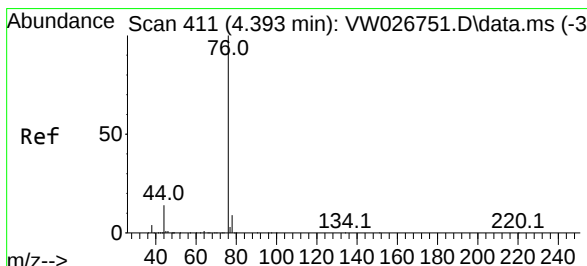
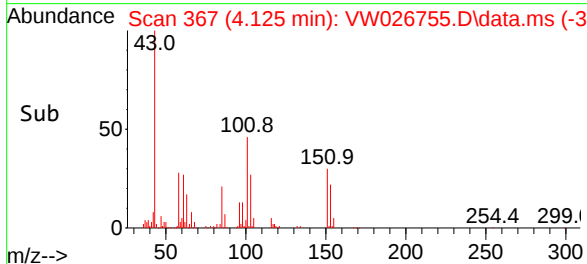
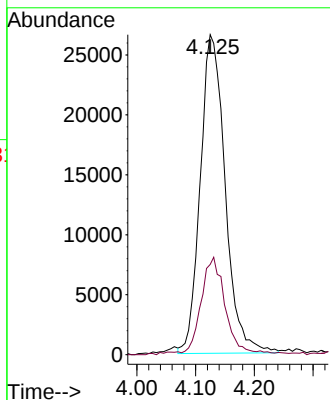
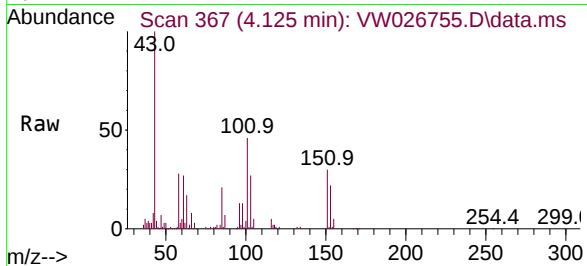




#13
Acetone
Concen: 36.087 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW026755.D
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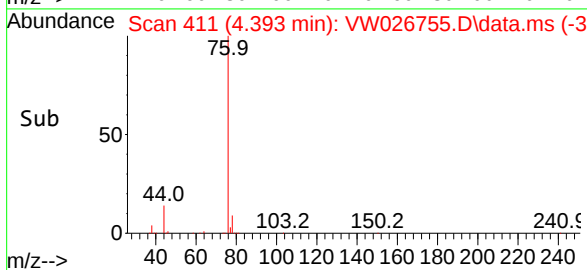
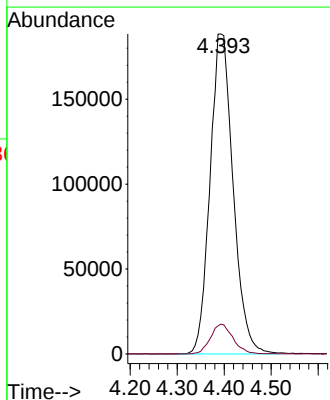
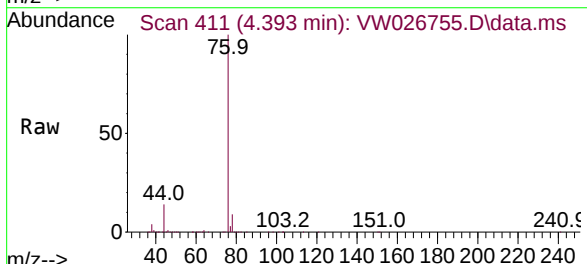
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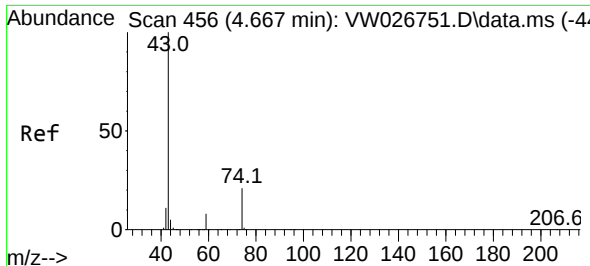
Tgt Ion: 43 Resp: 78277
Ion Ratio Lower Upper
43 100
58 28.9 0.0 57.4



#14
Carbon disulfide
Concen: 26.232 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 644041
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

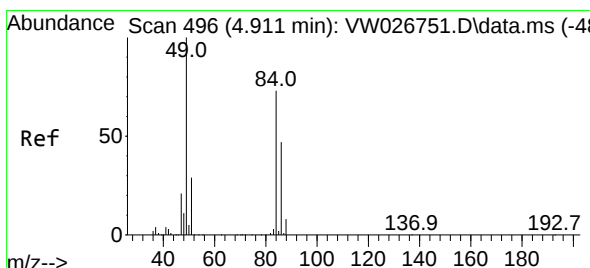
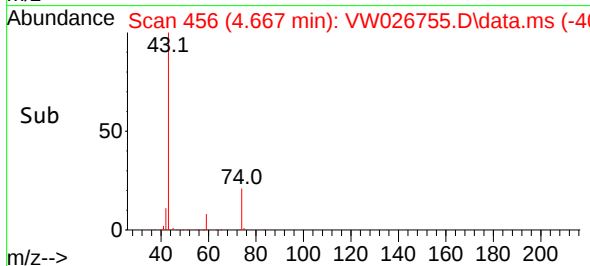
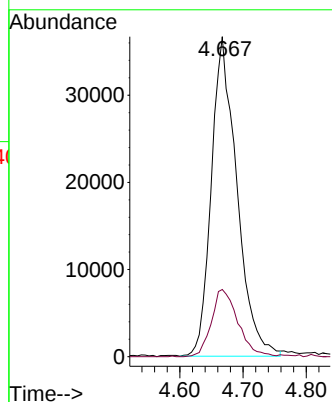
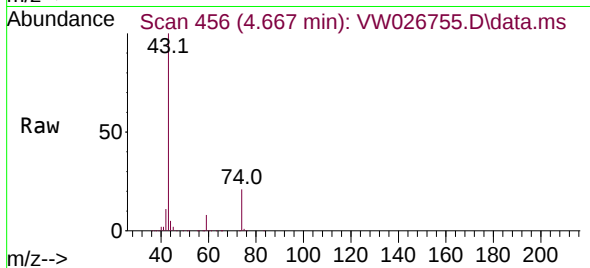




#15
Methyl Acetate
Concen: 23.648 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

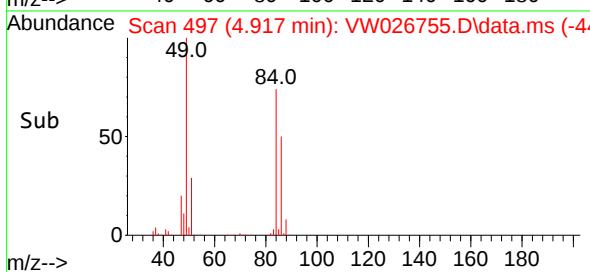
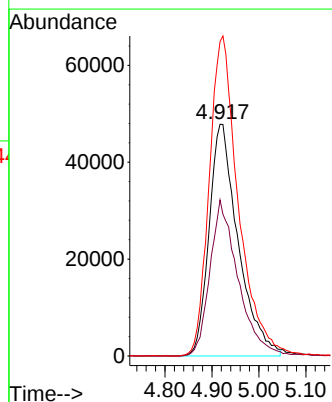
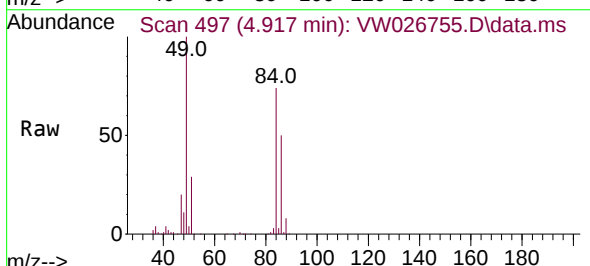
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

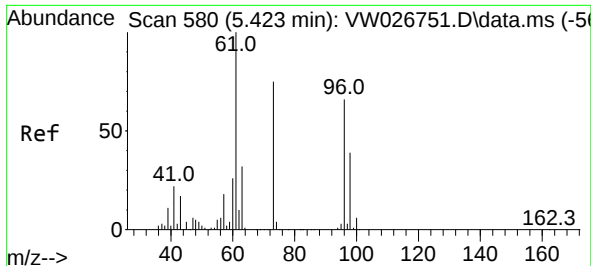
Tgt Ion: 43 Resp: 102750
Ion Ratio Lower Upper
43 100
74 21.8 16.4 24.6



#16
Methylene chloride
Concen: 22.992 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

Tgt Ion: 84 Resp: 205352
Ion Ratio Lower Upper
84 100
86 67.3 43.5 80.9
49 135.8 96.0 178.2

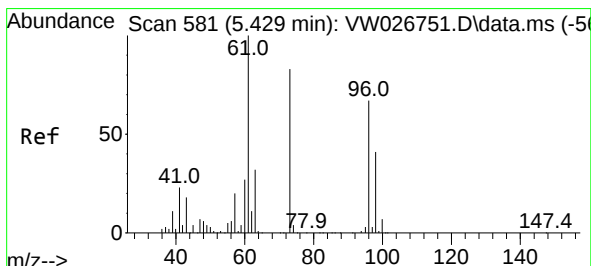
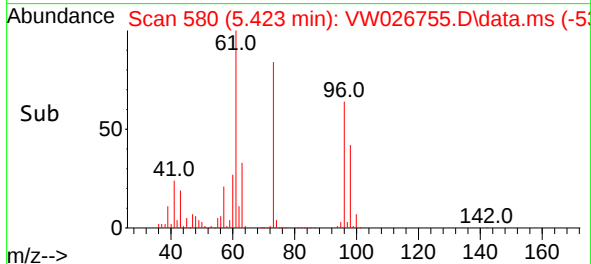
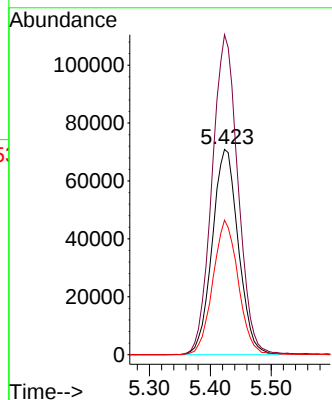
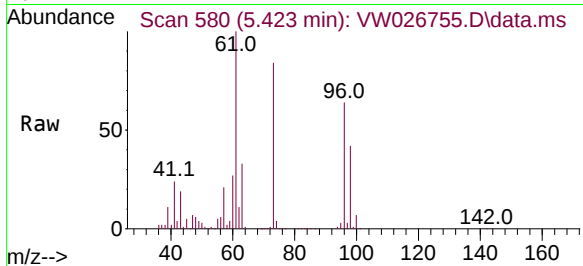




#17
trans-1,2-Dichloroethene
Concen: 27.762 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

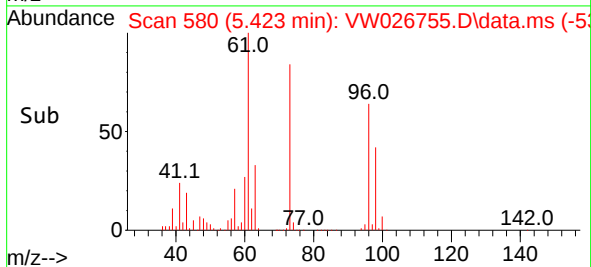
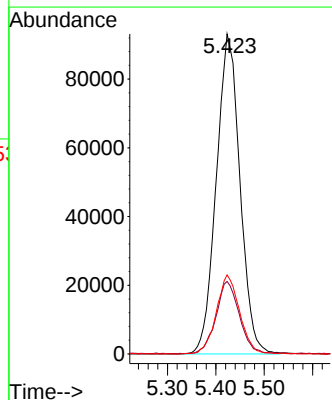
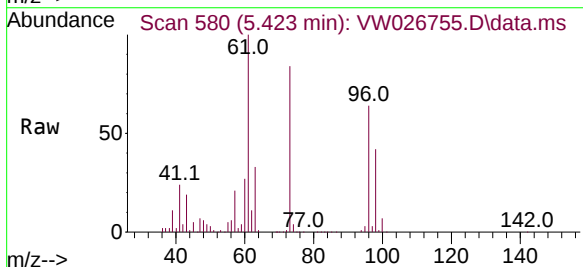
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

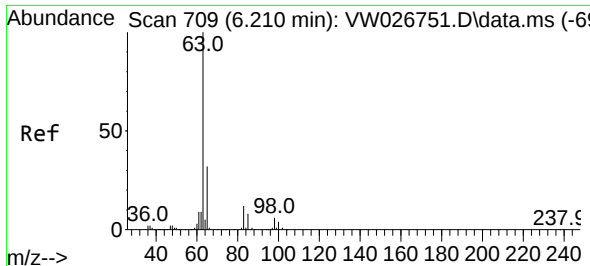
Tgt Ion: 96 Resp: 211422
Ion Ratio Lower Upper
96 100
61 155.8 109.4 203.2
98 65.5 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 27.467 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

Tgt Ion: 73 Resp: 316503
Ion Ratio Lower Upper
73 100
43 22.1 18.0 27.0
57 23.9 19.3 28.9

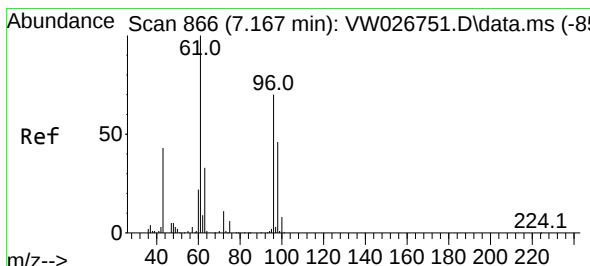
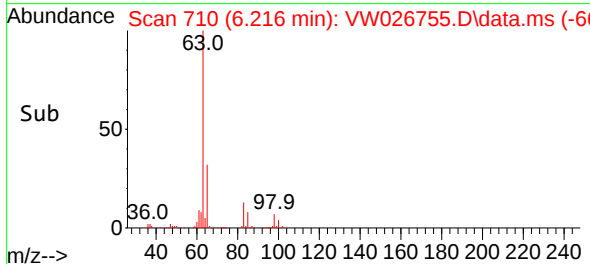
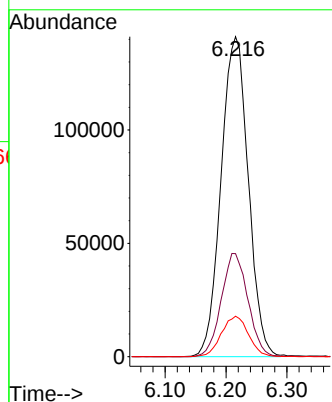
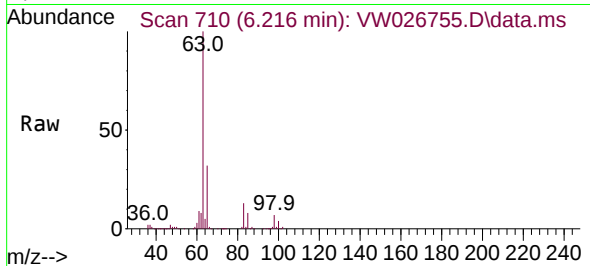




#19
1,1-Dichloroethane
Concen: 27.939 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

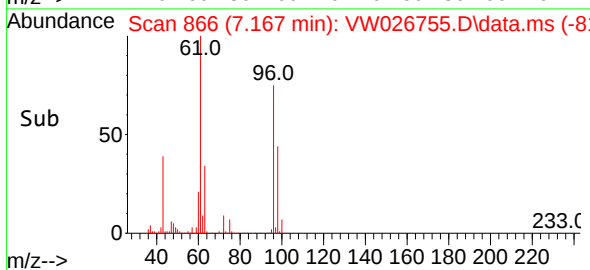
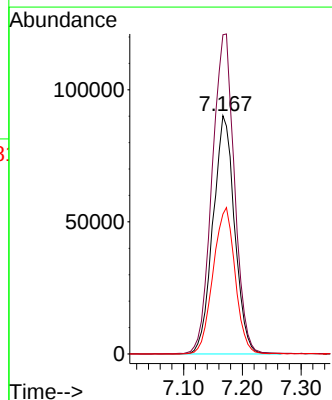
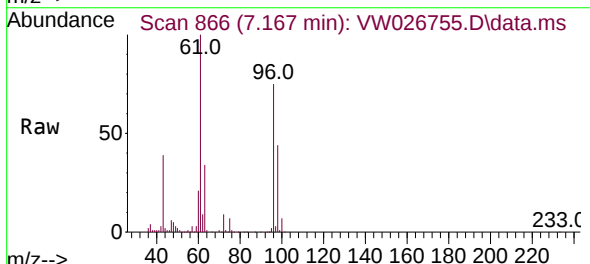
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

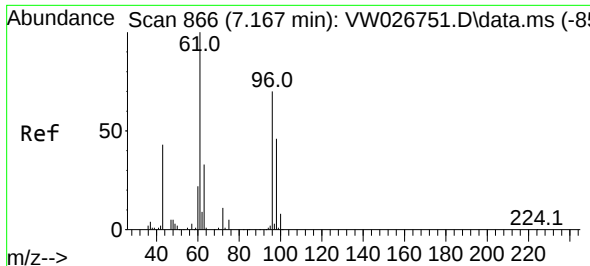
Tgt Ion: 63 Resp: 437903
Ion Ratio Lower Upper
63 100
65 32.2 21.8 40.6
83 12.7 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 28.181 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

Tgt Ion: 96 Resp: 230682
Ion Ratio Lower Upper
96 100
61 134.0 101.2 188.0
98 58.7 43.8 81.3

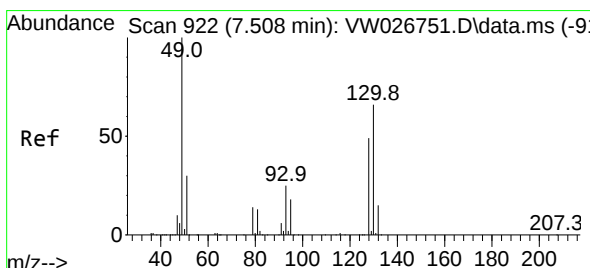
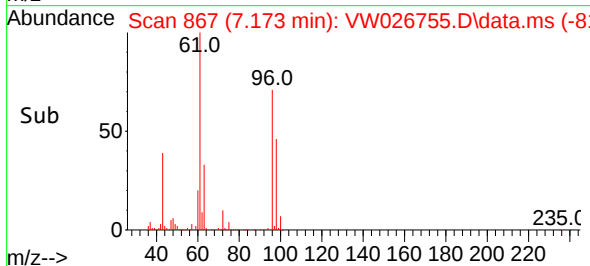
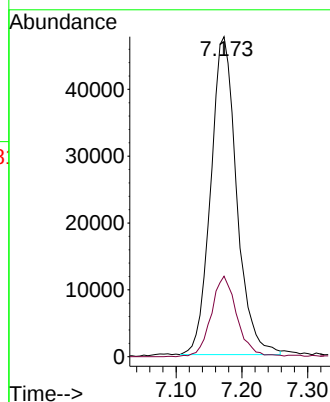
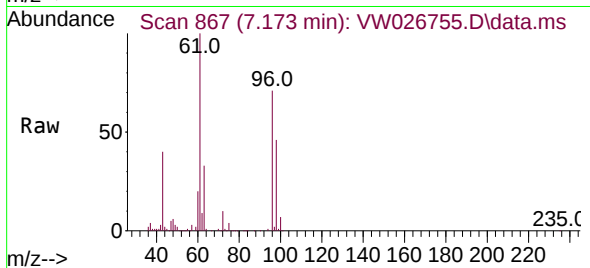




#22
2-Butanone
Concen: 40.919 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

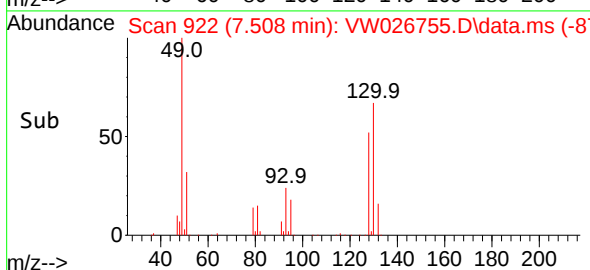
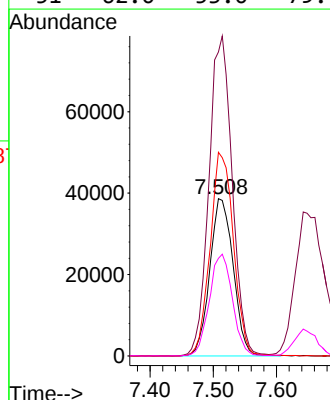
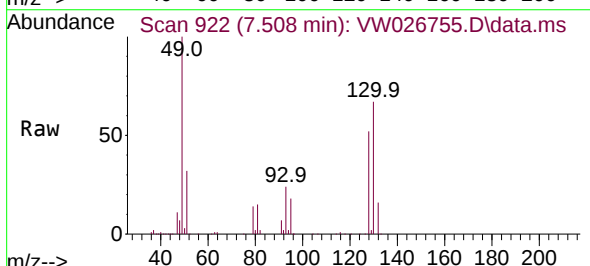
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

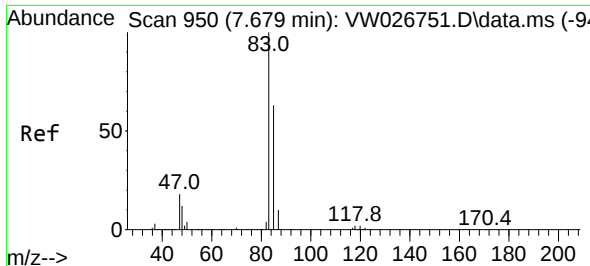
Tgt Ion: 43 Resp: 130803
Ion Ratio Lower Upper
43 100
72 24.5 11.8 35.4



#23
Bromochloromethane
Concen: 28.144 ug/L
RT: 7.508 min Scan# 922
Delta R.T. 0.000 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

Tgt Ion: 128 Resp: 99514
Ion Ratio Lower Upper
128 100
49 193.3 143.1 265.7
130 129.6 91.8 170.4
51 62.0 53.0 79.4

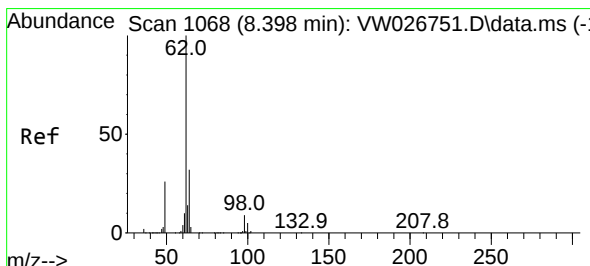
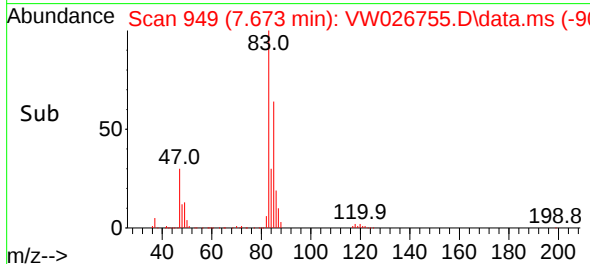
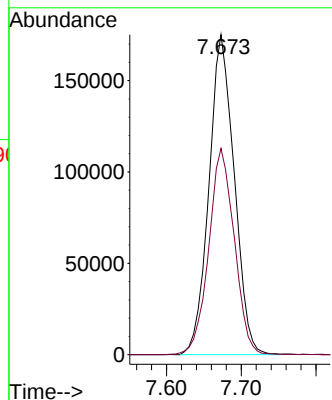
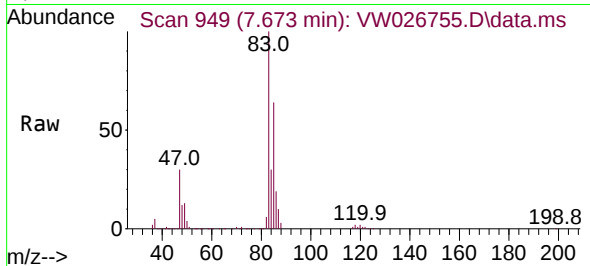




#25
Chloroform
Concen: 27.230 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

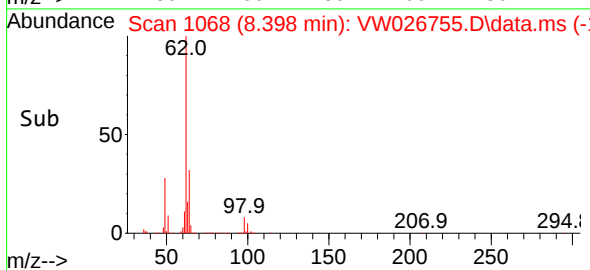
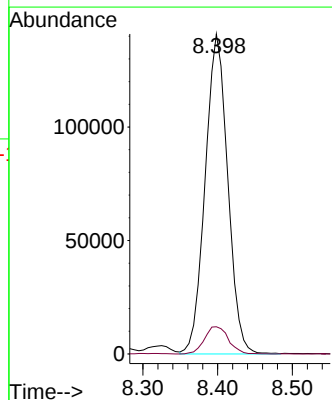
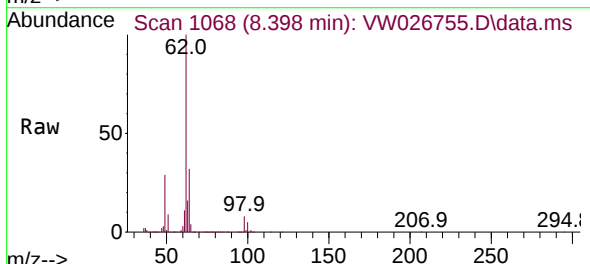
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

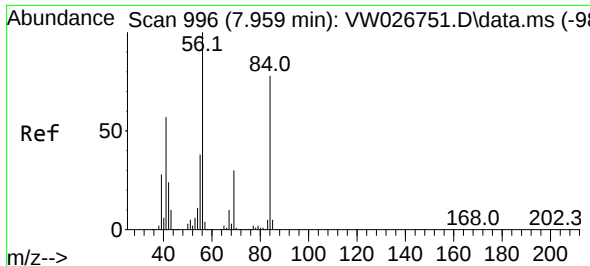
Tgt Ion: 83 Resp: 412329
Ion Ratio Lower Upper
83 100
85 64.5 45.4 84.2



#27
1,2-Dichloroethane
Concen: 28.015 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

Tgt Ion: 62 Resp: 295936
Ion Ratio Lower Upper
62 100
98 8.5 7.1 10.7

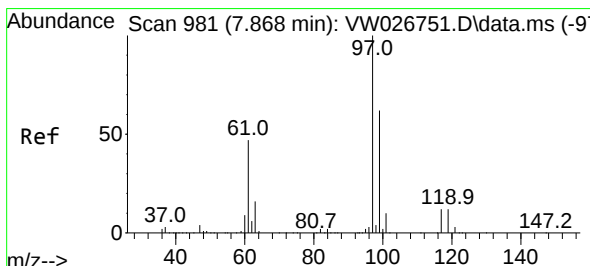
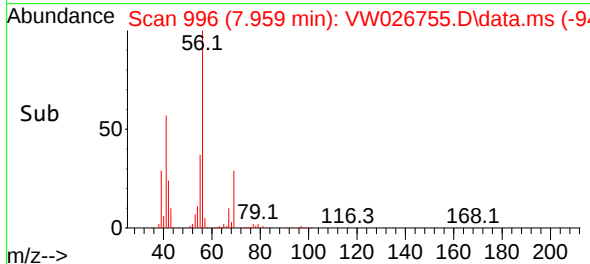
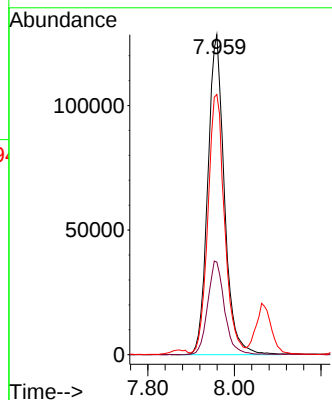
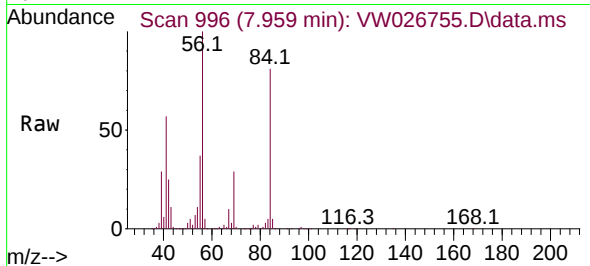




#29
Cyclohexane
Concen: 22.526 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

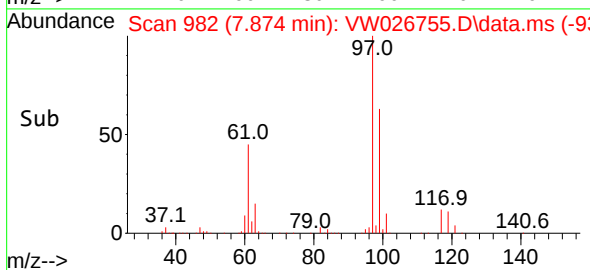
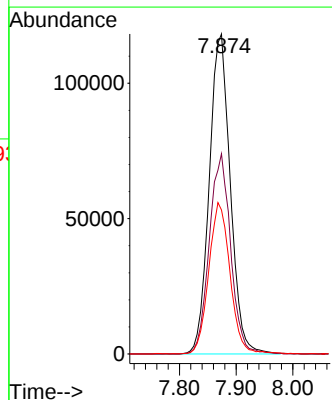
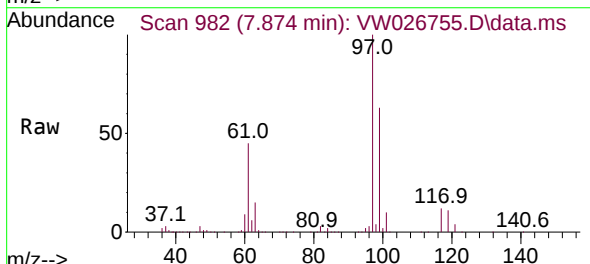
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

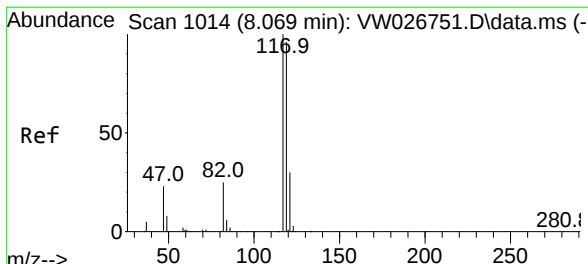
Tgt Ion: 56 Resp: 342249
Ion Ratio Lower Upper
56 100
69 29.4 23.2 34.8
84 81.5 62.7 94.1



#30
1,1,1-Trichloroethane
Concen: 23.794 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

Tgt Ion: 97 Resp: 305094
Ion Ratio Lower Upper
97 100
99 63.4 51.2 76.8
61 47.4 39.2 58.8

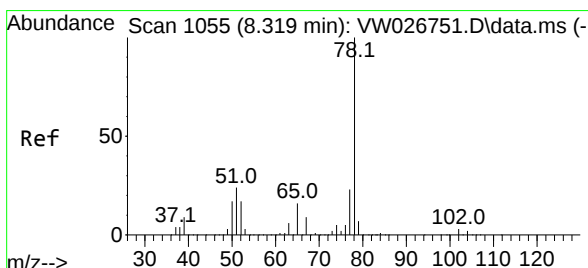
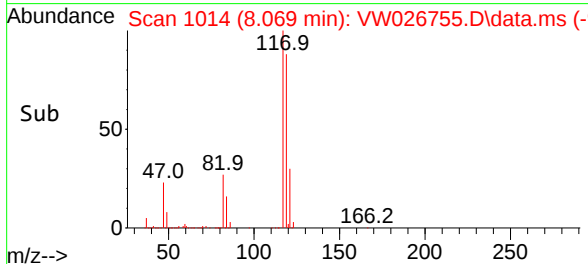
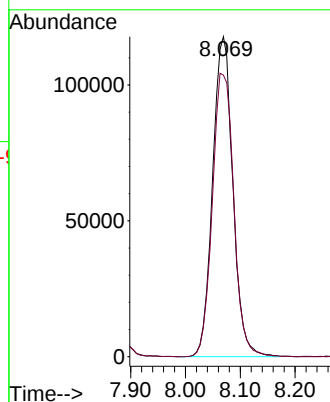
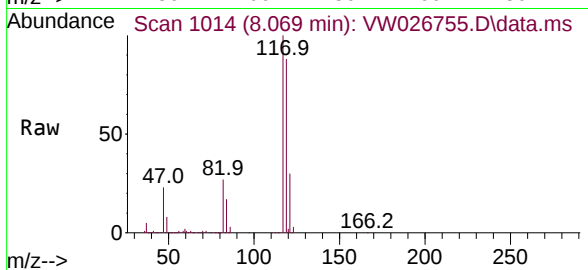




#31
Carbon tetrachloride
Concen: 25.693 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

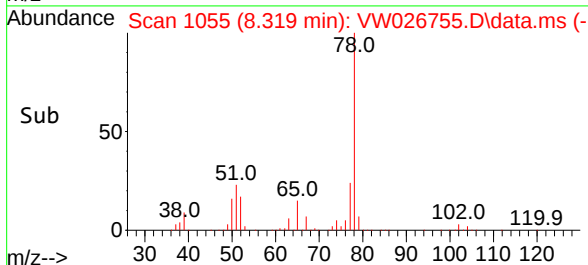
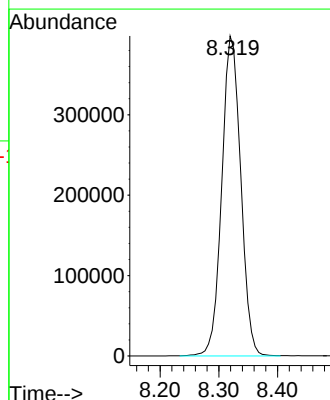
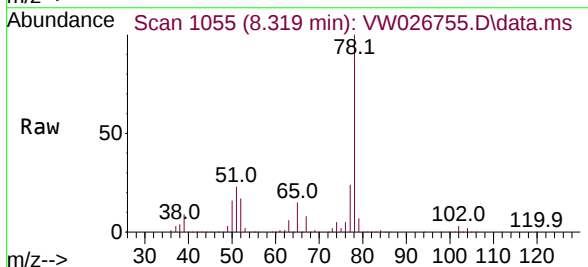
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

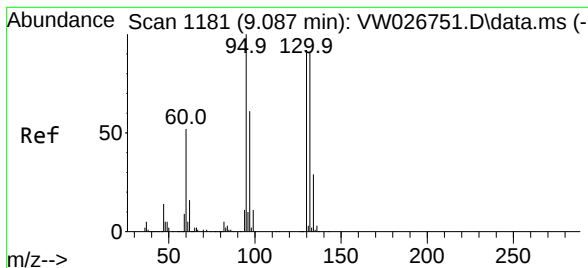
Tgt Ion:117 Resp: 301219
Ion Ratio Lower Upper
117 100
119 93.9 73.0 109.4



#33
Benzene
Concen: 24.954 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

Tgt Ion: 78 Resp: 892805





#34

Trichloroethene

Concen: 25.351 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW026755.D

Acq: 16 Aug 2023 13:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

Tgt Ion: 95 Resp: 231005

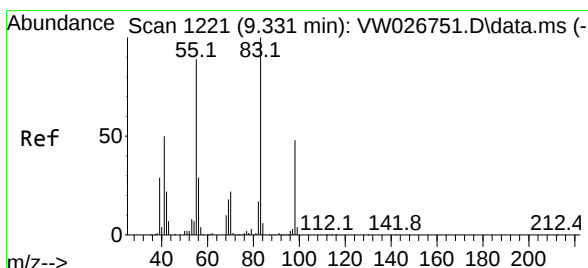
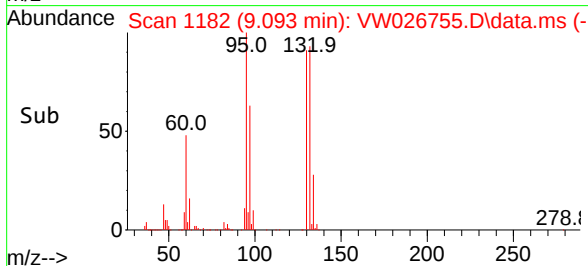
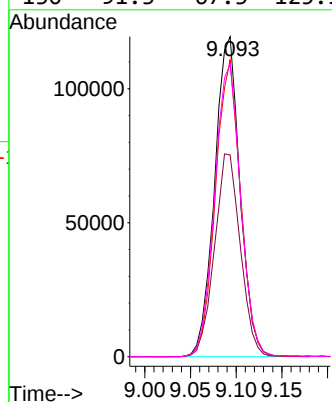
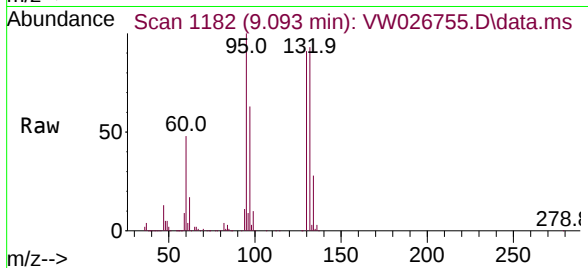
Ion Ratio Lower Upper

95 100

97 63.0 44.6 82.8

132 92.8 66.4 123.2

130 91.3 67.3 125.1



#35

Methylcyclohexane

Concen: 24.830 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW026755.D

Acq: 16 Aug 2023 13:42

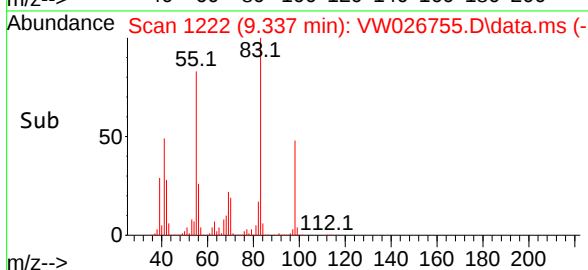
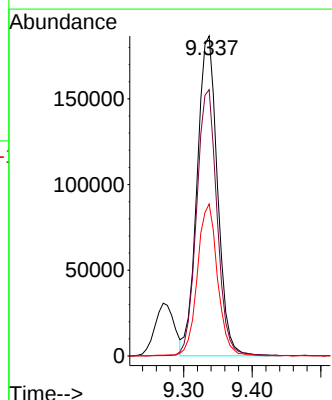
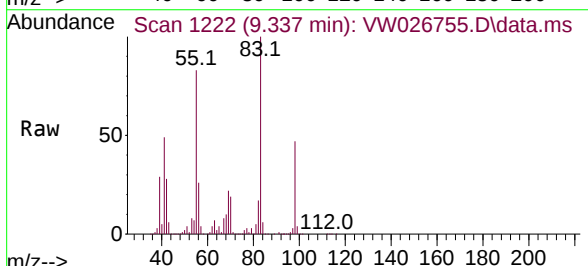
Tgt Ion: 83 Resp: 387075

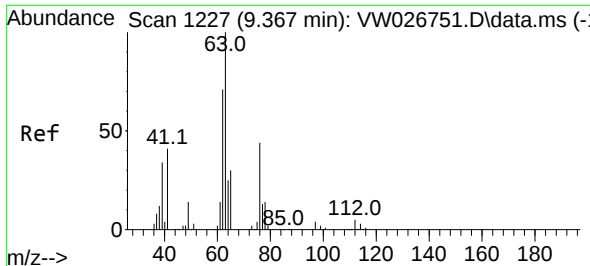
Ion Ratio Lower Upper

83 100

55 83.7 69.3 103.9

98 46.8 37.4 56.0





#37

1,2-Dichloropropane

Concen: 26.029 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026755.D

Acq: 16 Aug 2023 13:42

Instrument :

MSVOA_W

ClientSampleId :

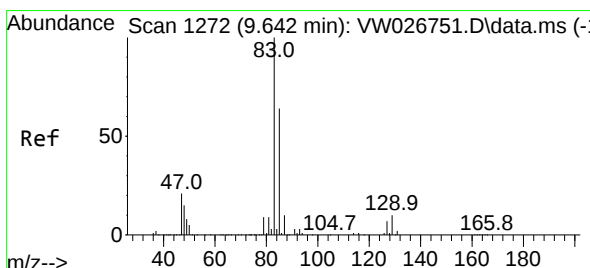
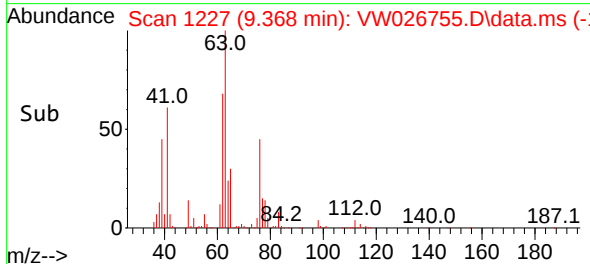
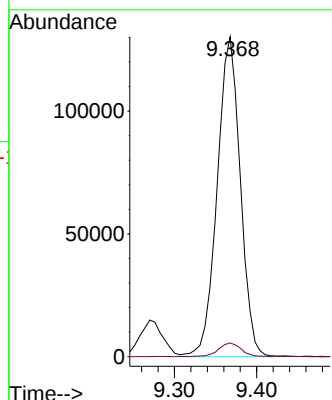
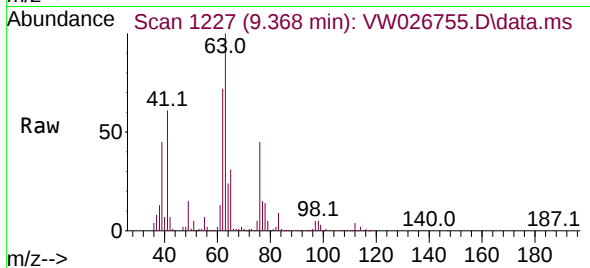
VSTD025582

Tgt Ion: 63 Resp: 255082

Ion Ratio Lower Upper

63 100

112 4.2 3.1 4.7



#38

Bromodichloromethane

Concen: 26.143 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026755.D

Acq: 16 Aug 2023 13:42

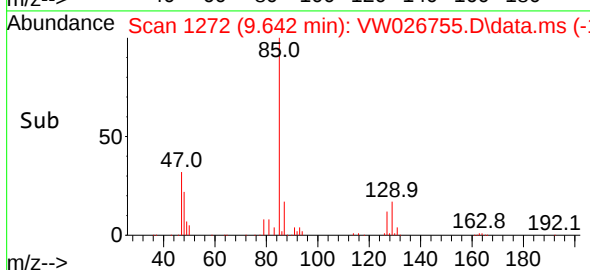
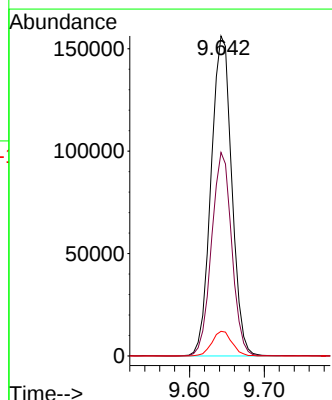
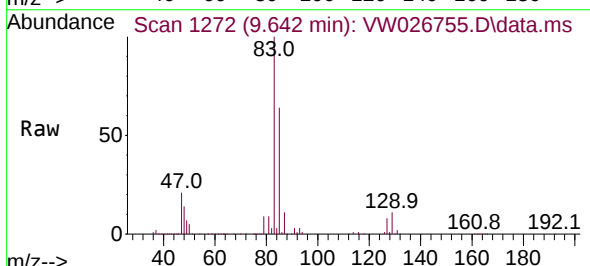
Tgt Ion: 83 Resp: 300547

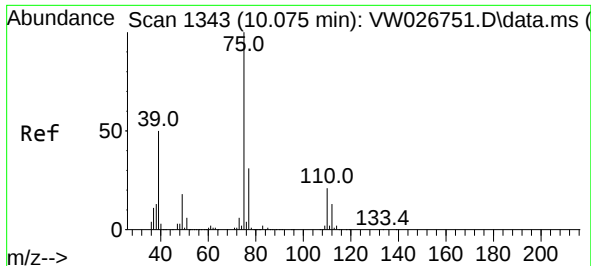
Ion Ratio Lower Upper

83 100

85 63.6 45.4 84.2

127 7.7 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 23.744 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW026755.D

Acq: 16 Aug 2023 13:42

Instrument :

MSVOA_W

ClientSampleId :

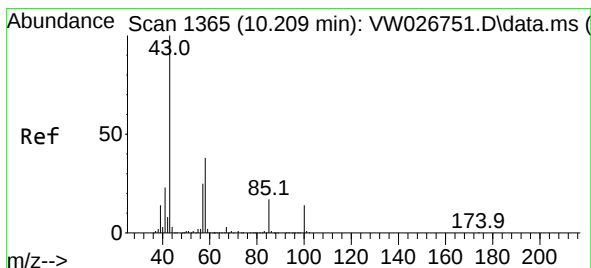
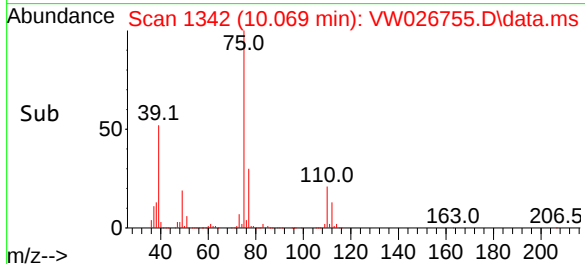
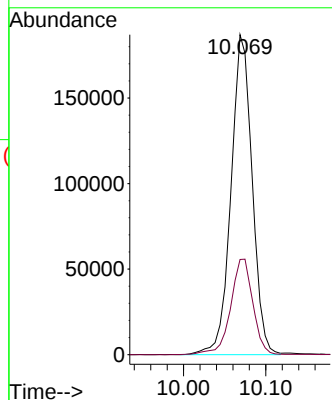
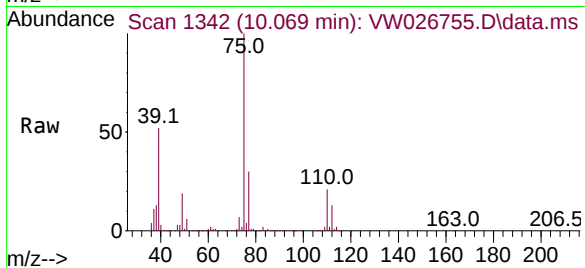
VSTD025582

Tgt Ion: 75 Resp: 334745

Ion Ratio Lower Upper

75 100

77 29.8 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 41.321 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026755.D

Acq: 16 Aug 2023 13:42

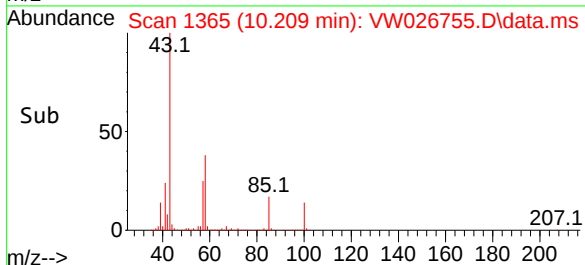
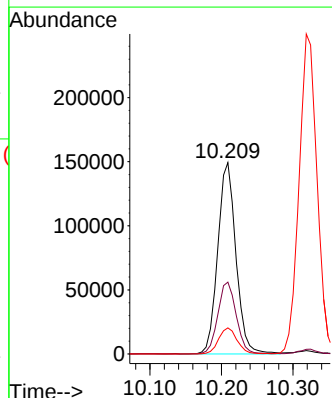
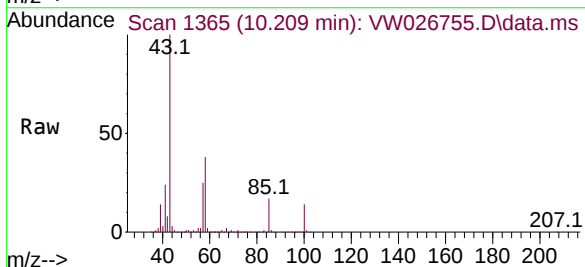
Tgt Ion: 43 Resp: 263403

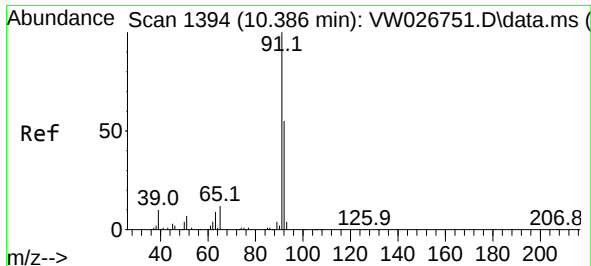
Ion Ratio Lower Upper

43 100

58 38.1 29.2 43.8

100 13.9 10.7 16.1

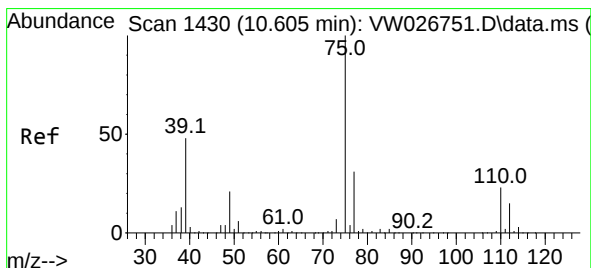
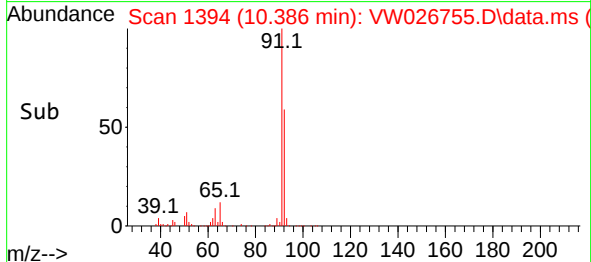
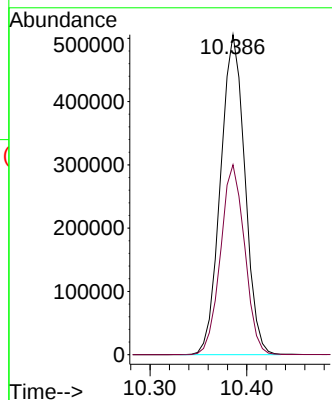
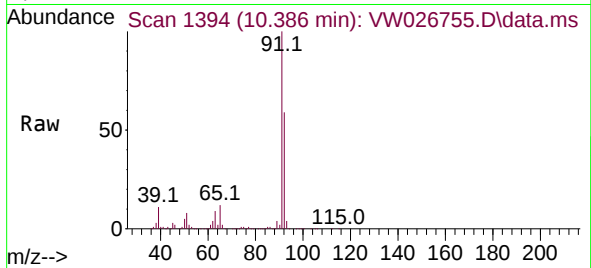




#42
Toluene
Concen: 24.418 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

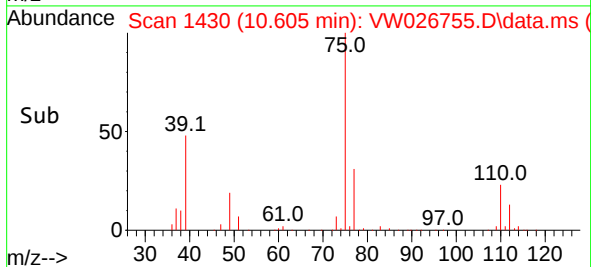
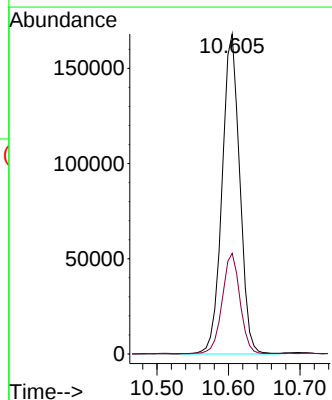
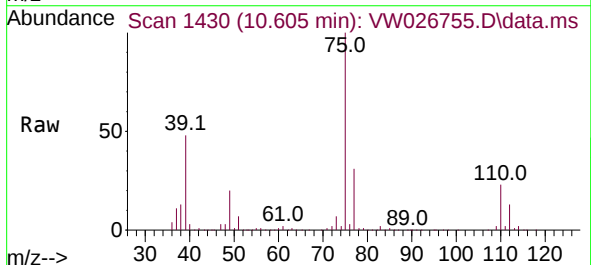
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

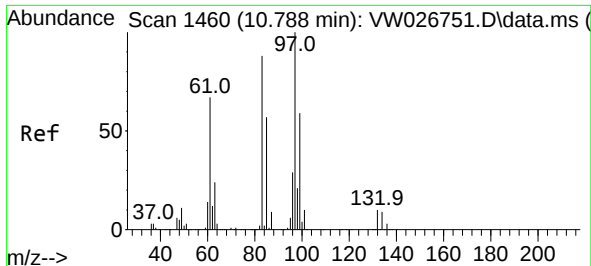
Tgt Ion: 91 Resp: 883747
Ion Ratio Lower Upper
91 100
92 59.4 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 23.779 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

Tgt Ion: 75 Resp: 288553
Ion Ratio Lower Upper
75 100
77 31.5 21.2 39.4

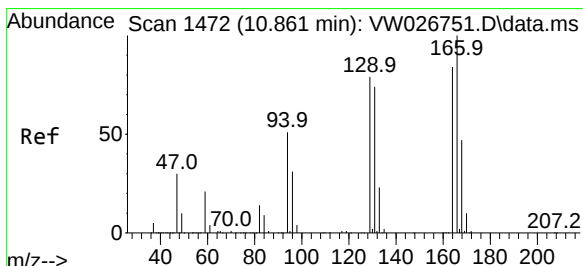
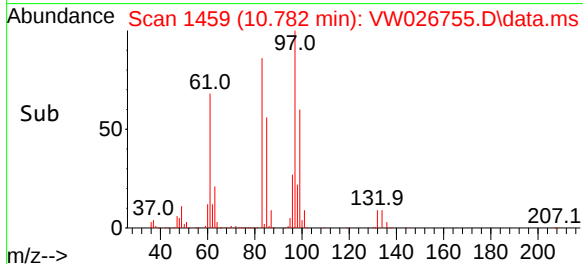
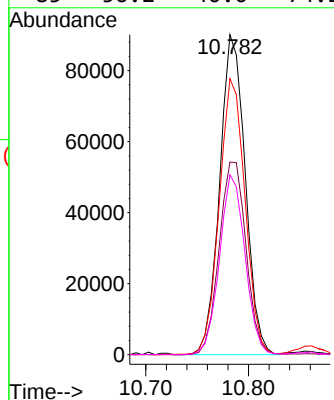
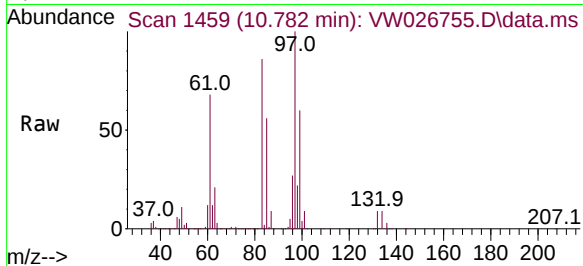




#45
1,1,2-Trichloroethane
Concen: 23.198 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

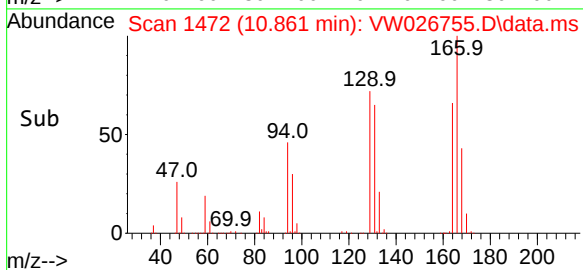
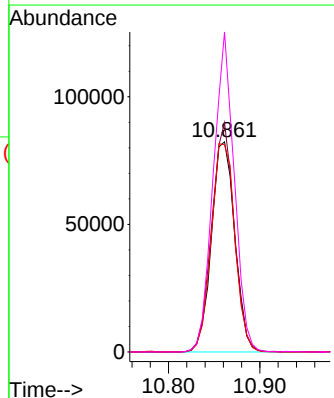
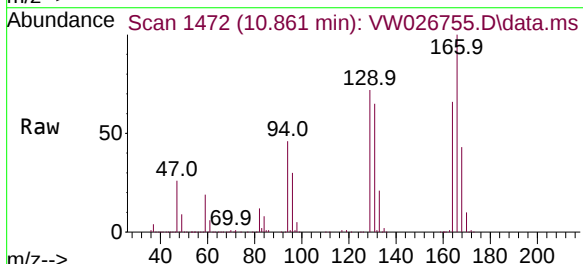
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

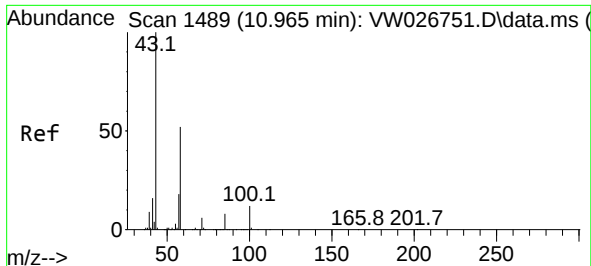
Tgt Ion: 97	Resp: 155477		
Ion	Ratio	Lower	Upper
97	100		
99	60.2	44.2	82.0
83	86.3	61.9	114.9
85	56.2	40.0	74.2



#46
Tetrachloroethene
Concen: 22.076 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

Tgt	Ion:164	Resp:	146145
Ion	Ratio	Lower	Upper
164	100		
129	109.2	68.1	126.5
131	98.6	65.5	121.7
166	152.3	89.1	165.5

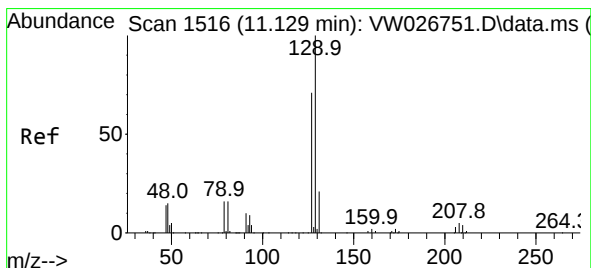
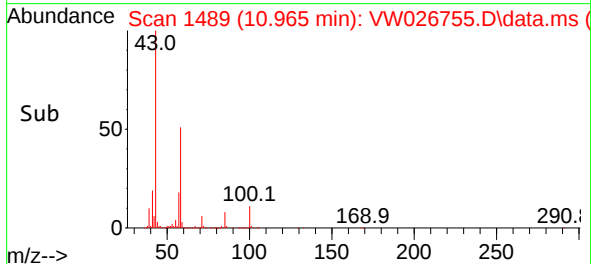
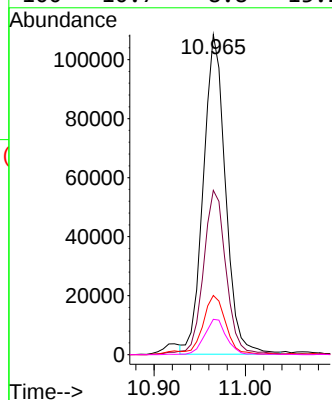
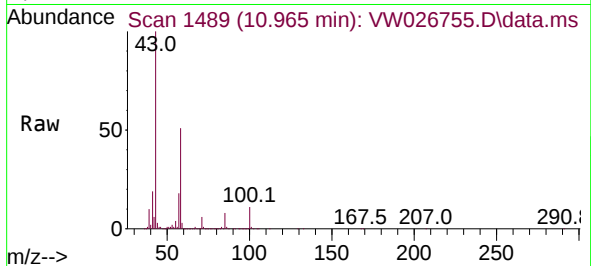




#48
2-Hexanone
Concen: 42.100 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

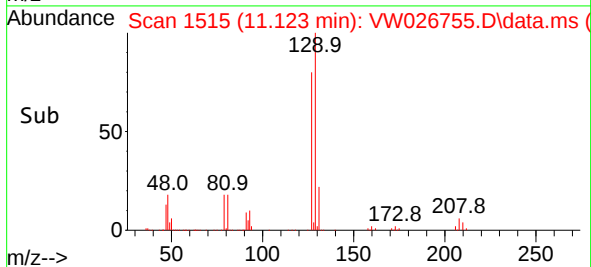
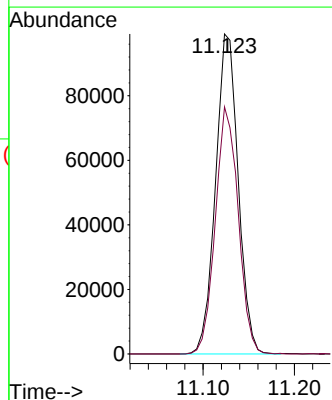
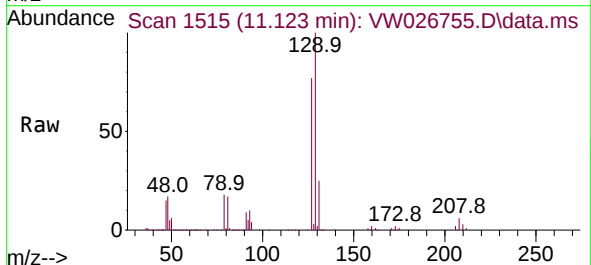
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

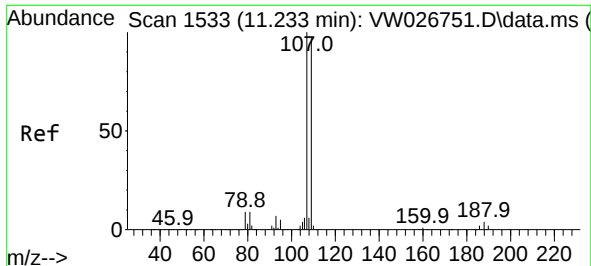
Tgt Ion: 43 Resp: 182613
Ion Ratio Lower Upper
43 100
58 52.9 41.1 61.7
57 18.7 14.3 21.5
100 10.7 8.8 13.2



#49
Dibromochloromethane
Concen: 24.414 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

Tgt Ion: 129 Resp: 171143
Ion Ratio Lower Upper
129 100
127 77.2 56.6 105.2





#50

1,2-Dibromoethane

Concen: 23.409 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026755.D

Acq: 16 Aug 2023 13:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

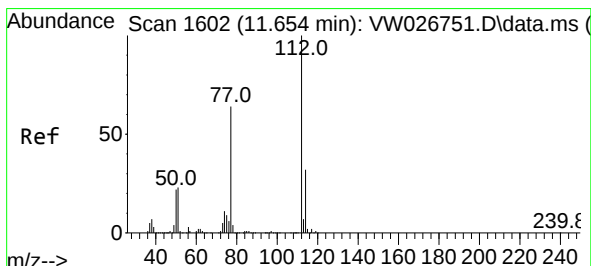
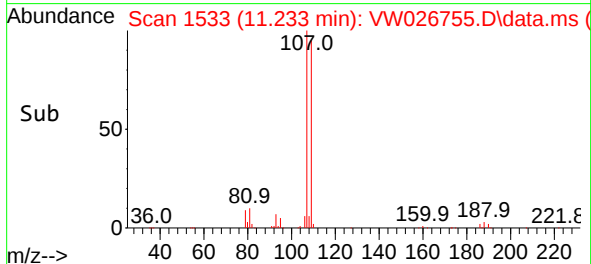
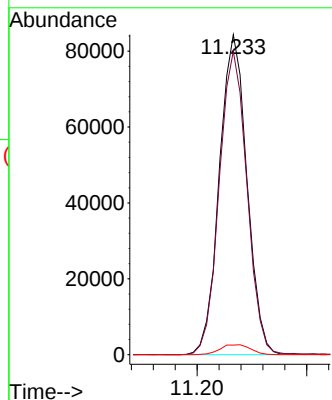
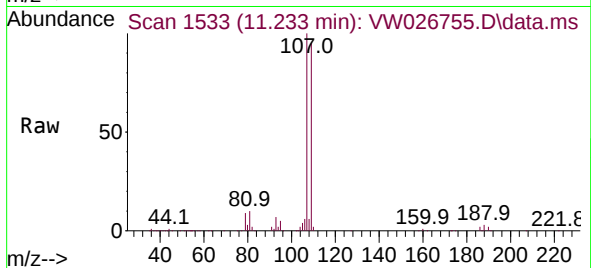
Tgt Ion:107 Resp: 147211

Ion Ratio Lower Upper

107 100

109 94.8 68.8 127.8

188 3.0 2.7 4.1



#51

Chlorobenzene

Concen: 25.825 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026755.D

Acq: 16 Aug 2023 13:42

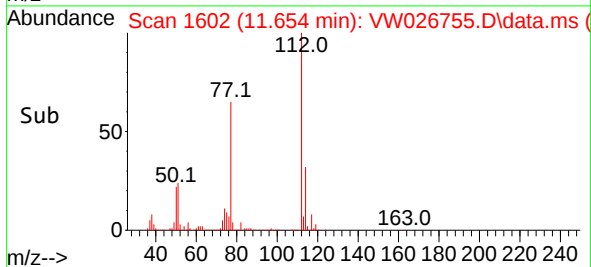
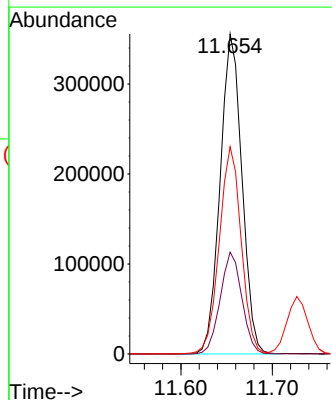
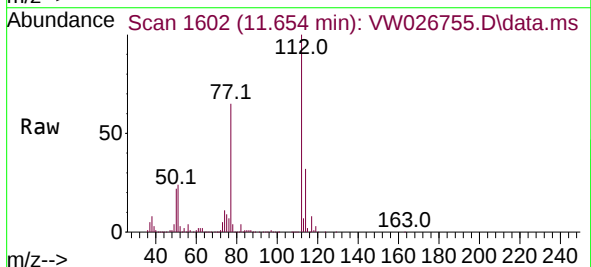
Tgt Ion:112 Resp: 590407

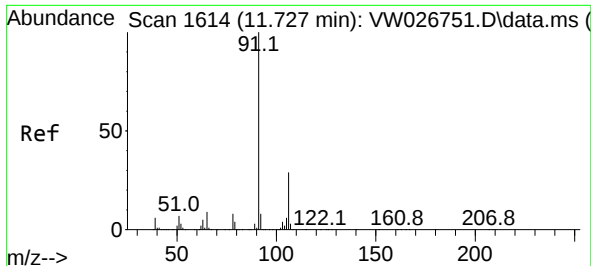
Ion Ratio Lower Upper

112 100

114 31.8 22.4 41.6

77 64.7 50.2 75.2

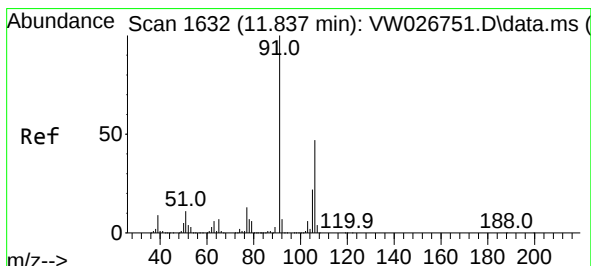
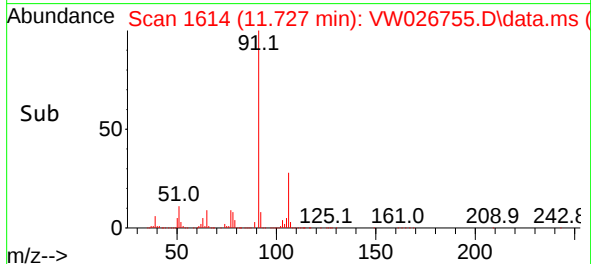
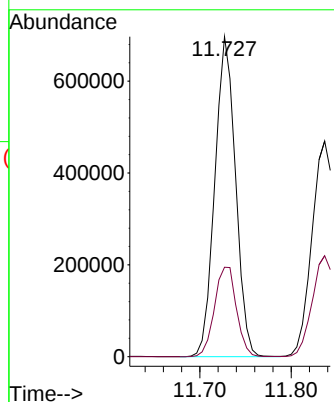
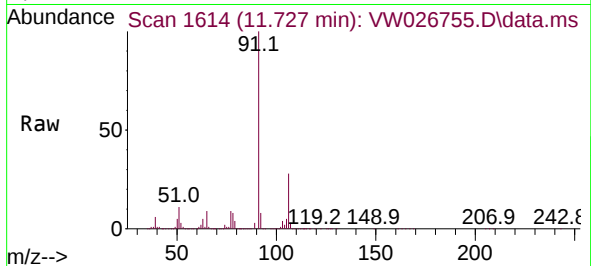




#52
Ethylbenzene
Concen: 27.081 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

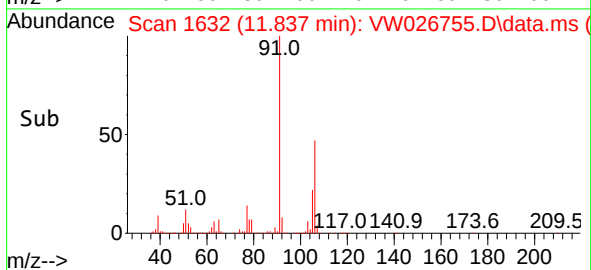
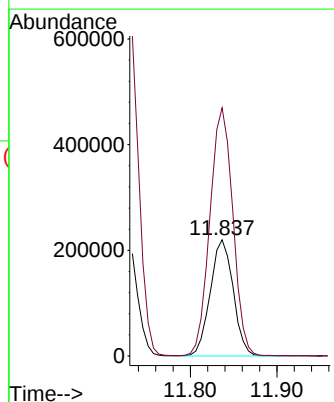
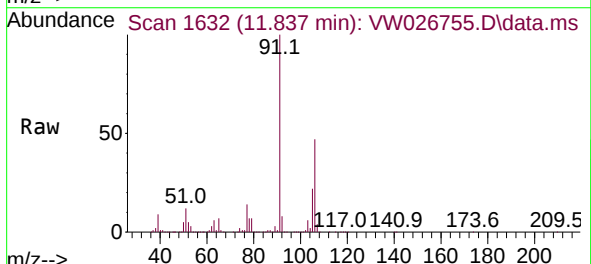
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

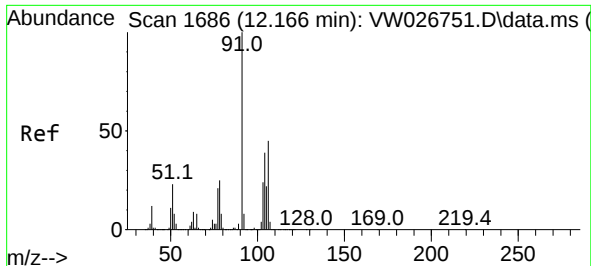
Tgt Ion: 91 Resp: 1099120
Ion Ratio Lower Upper
91 100
106 28.0 20.2 37.6



#53
m,p-Xylene
Concen: 26.939 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

Tgt Ion:106 Resp: 405054
Ion Ratio Lower Upper
106 100
91 213.5 152.9 284.1

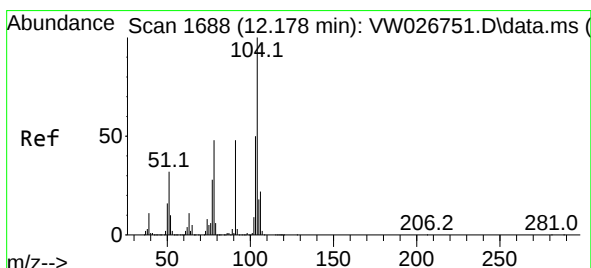
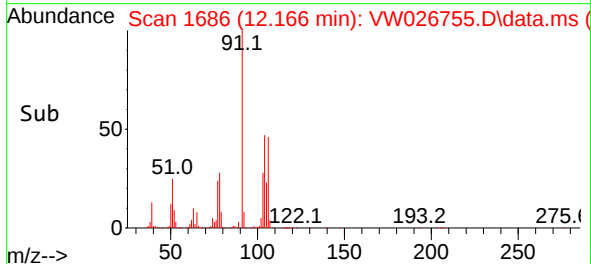
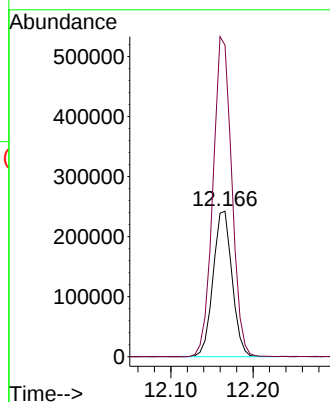
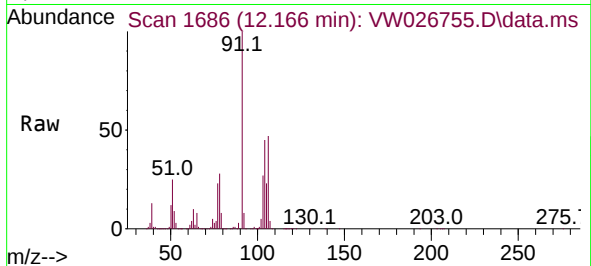




#54
o-Xylene
Concen: 27.680 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

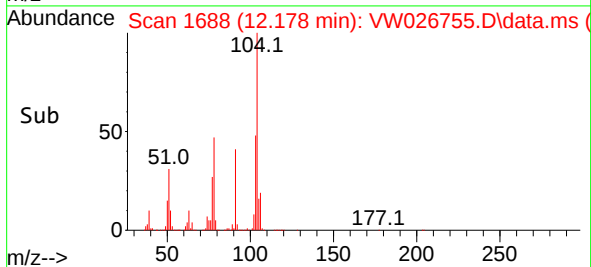
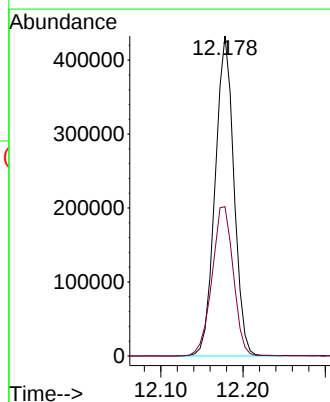
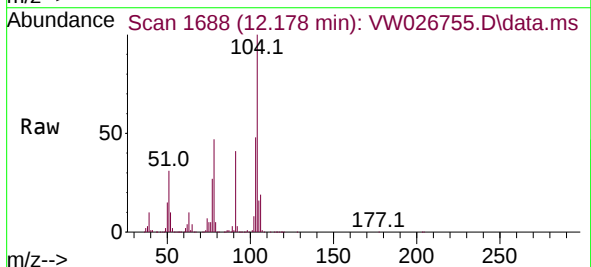
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

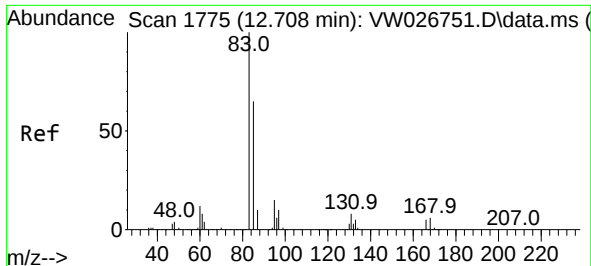
Tgt Ion:106 Resp: 388440
Ion Ratio Lower Upper
106 100
91 214.1 149.9 278.3



#55
Styrene
Concen: 28.139 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

Tgt Ion:104 Resp: 686592
Ion Ratio Lower Upper
104 100
78 46.7 33.0 61.2





#57

1,1,2,2-Tetrachloroethane

Concen: 24.611 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW026755.D

Acq: 16 Aug 2023 13:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

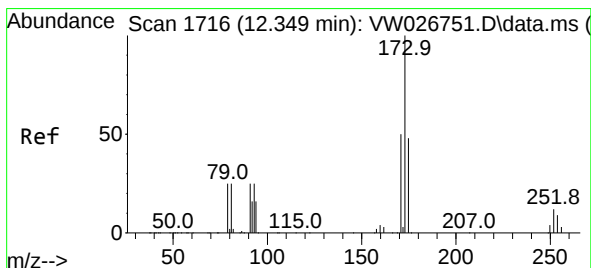
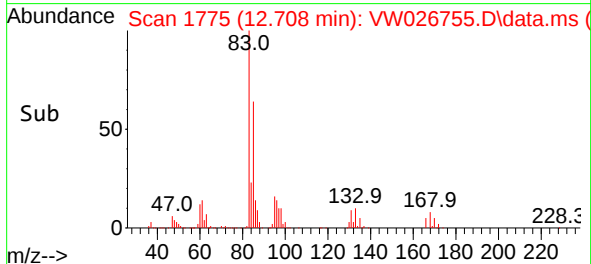
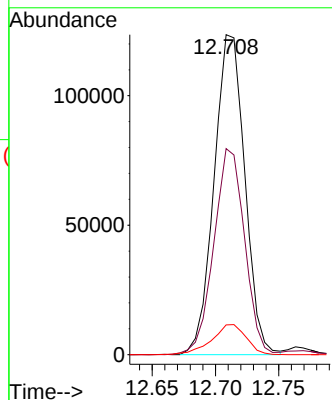
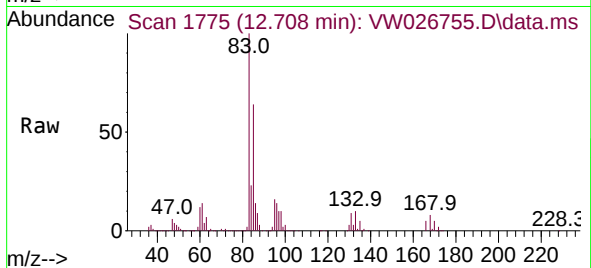
Tgt Ion: 83 Resp: 208904

Ion Ratio Lower Upper

83 100

85 64.4 44.9 83.3

131 9.3 7.4 11.0



#59

Bromoform

Concen: 25.697 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026755.D

Acq: 16 Aug 2023 13:42

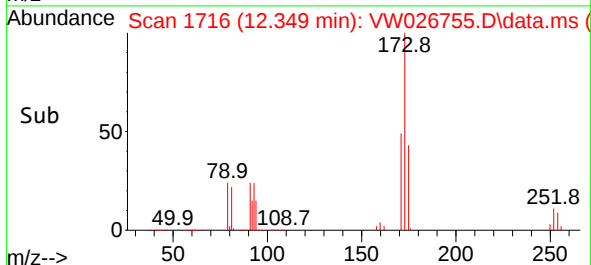
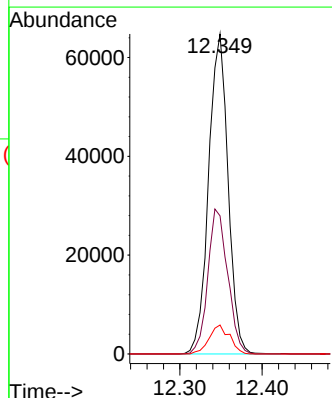
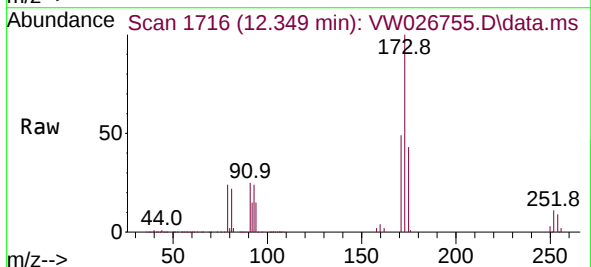
Tgt Ion: 173 Resp: 106195

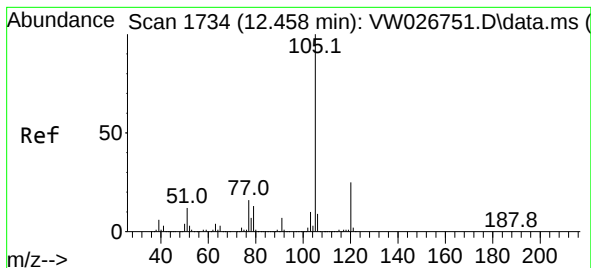
Ion Ratio Lower Upper

173 100

175 46.3 36.6 55.0

254 9.5 7.8 11.6





#60

Isopropylbenzene

Concen: 26.677 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026755.D

Acq: 16 Aug 2023 13:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

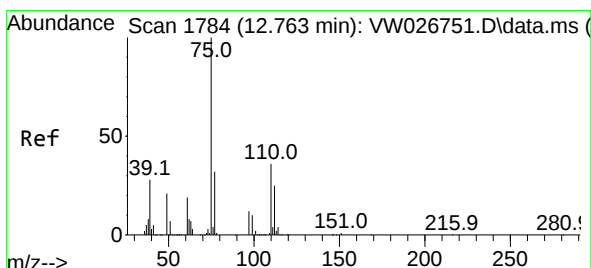
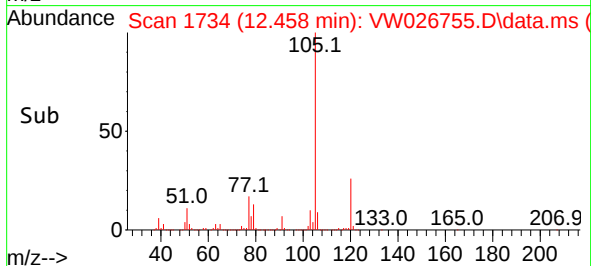
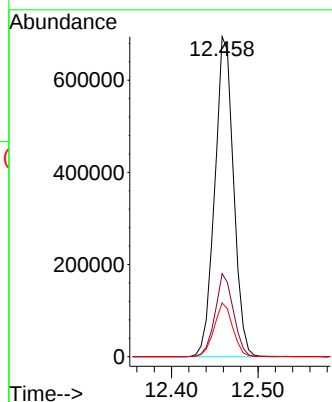
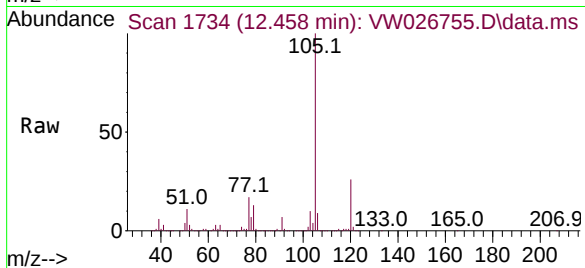
Tgt Ion:105 Resp: 1046289

Ion Ratio Lower Upper

105 100

120 25.3 21.0 31.6

77 16.6 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 24.285 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026755.D

Acq: 16 Aug 2023 13:42

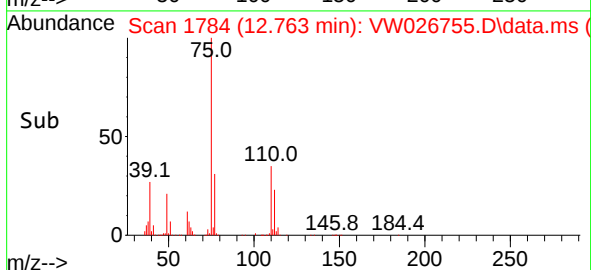
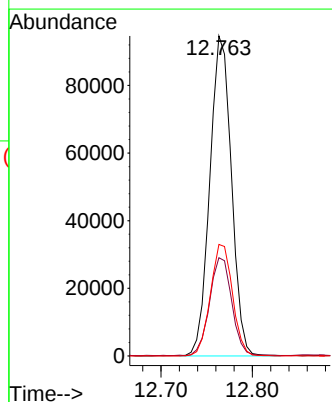
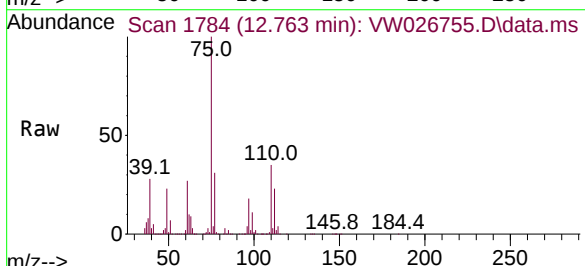
Tgt Ion: 75 Resp: 155401

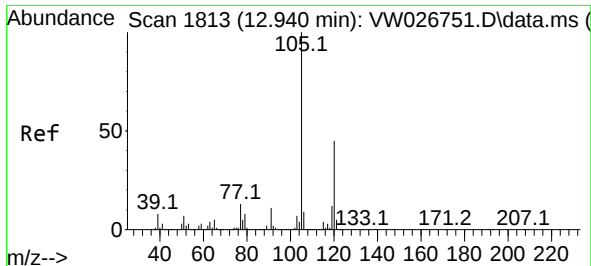
Ion Ratio Lower Upper

75 100

77 31.2 26.1 39.1

110 35.7 29.9 44.9

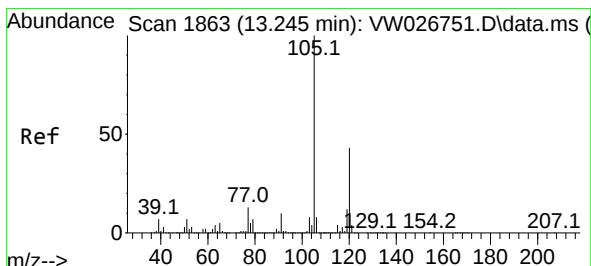
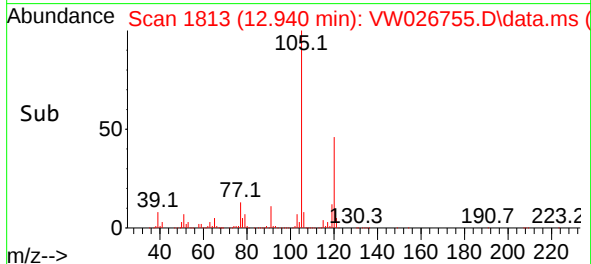
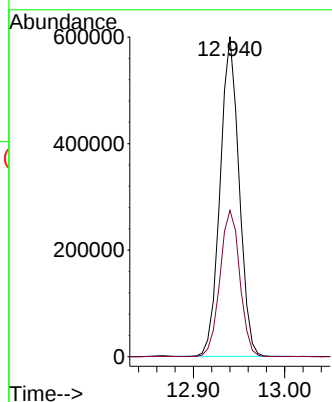
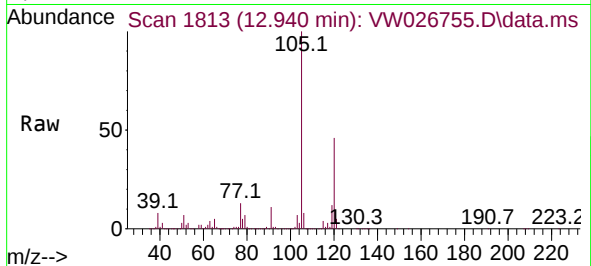




#62
1,3,5-Trimethylbenzene
Concen: 27.937 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

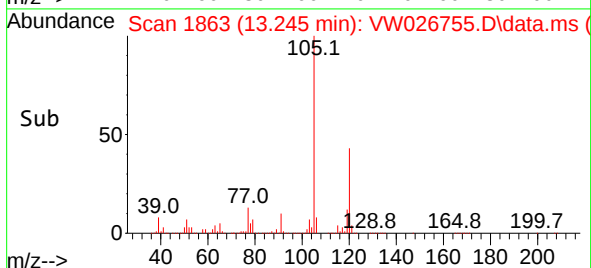
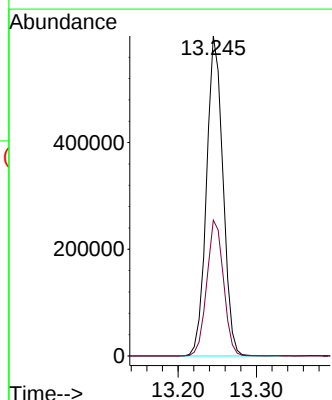
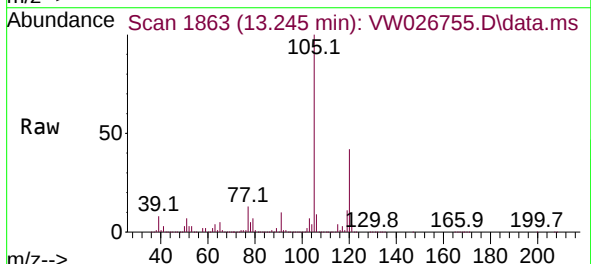
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

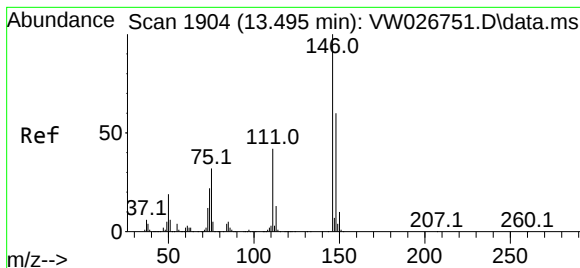
Tgt Ion:105 Resp: 866073
Ion Ratio Lower Upper
105 100
120 47.9 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 28.693 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026755.D
Acq: 16 Aug 2023 13:42

Tgt Ion:105 Resp: 871649
Ion Ratio Lower Upper
105 100
120 43.2 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 26.574 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026755.D

Acq: 16 Aug 2023 13:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

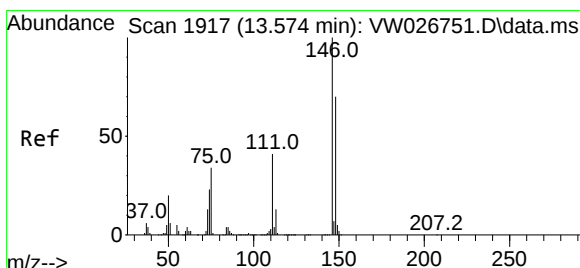
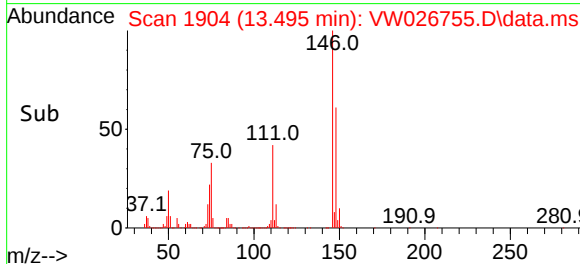
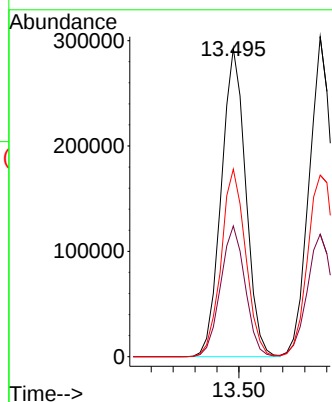
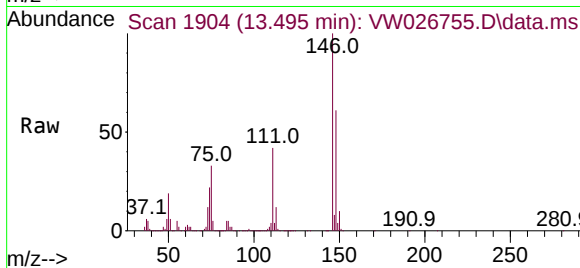
Tgt Ion:146 Resp: 453293

Ion Ratio Lower Upper

146 100

111 42.4 29.1 54.1

148 60.8 38.8 72.0



#65

1,4-Dichlorobenzene

Concen: 25.659 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026755.D

Acq: 16 Aug 2023 13:42

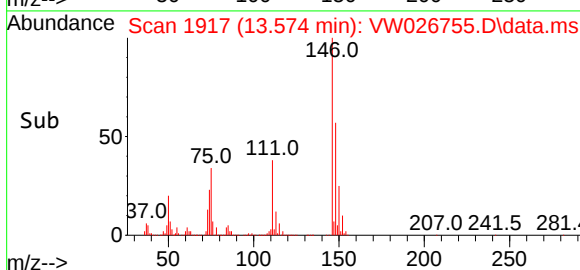
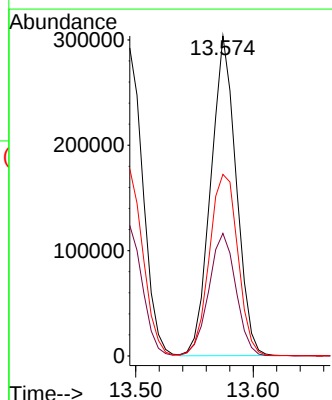
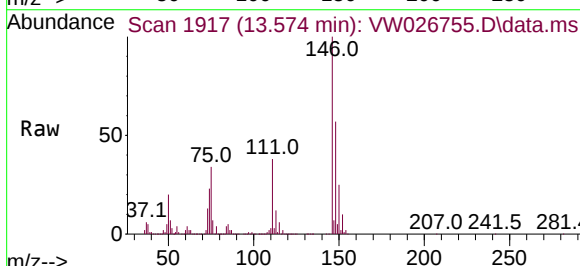
Tgt Ion:146 Resp: 456761

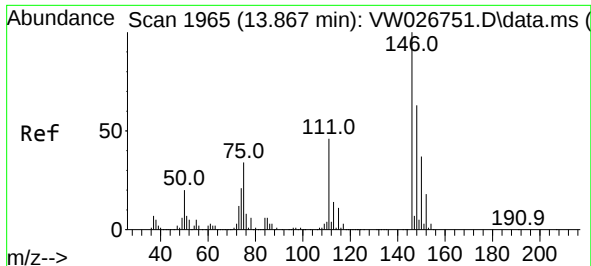
Ion Ratio Lower Upper

146 100

111 38.3 28.3 52.7

148 56.8 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 25.555 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026755.D

Acq: 16 Aug 2023 13:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

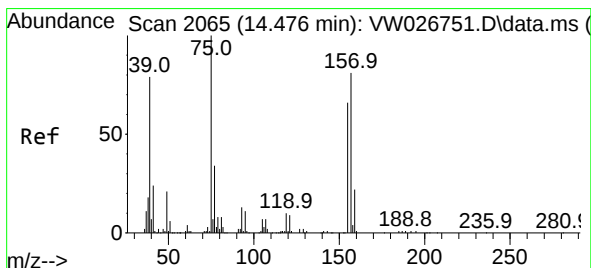
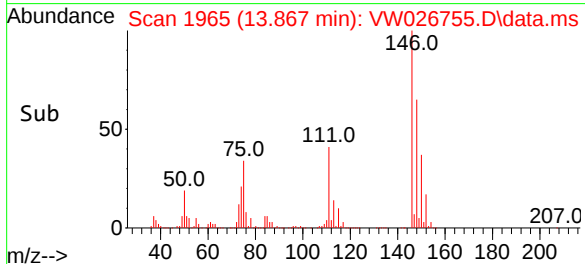
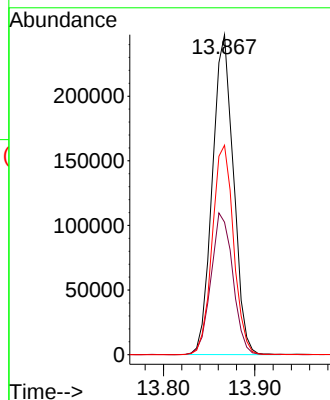
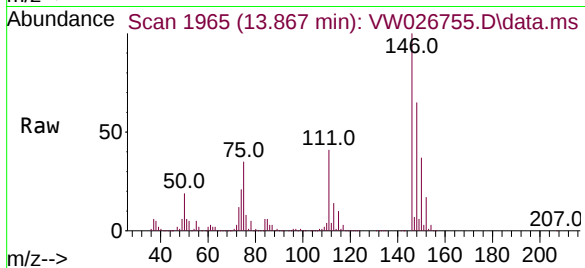
Tgt Ion:146 Resp: 396384

Ion Ratio Lower Upper

146 100

111 41.4 34.6 52.0

148 65.5 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 21.837 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW026755.D

Acq: 16 Aug 2023 13:42

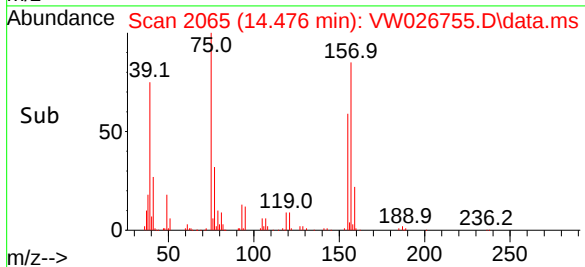
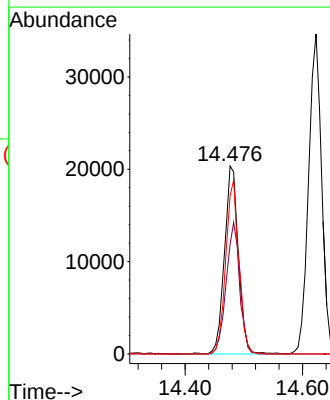
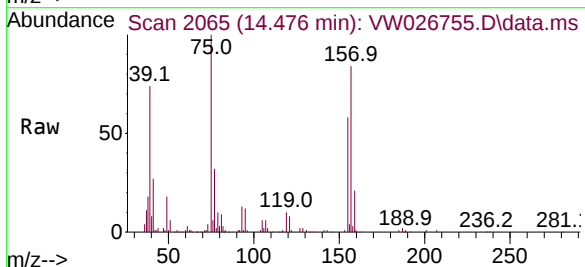
Tgt Ion: 75 Resp: 33687

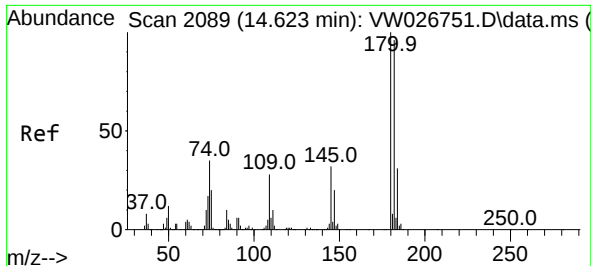
Ion Ratio Lower Upper

75 100

155 58.3 55.0 82.6

157 84.2 77.8 116.6





#69

1,3,5-Trichlorobenzene

Concen: 23.542 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026755.D

Acq: 16 Aug 2023 13:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

Tgt Ion:180 Resp: 271295

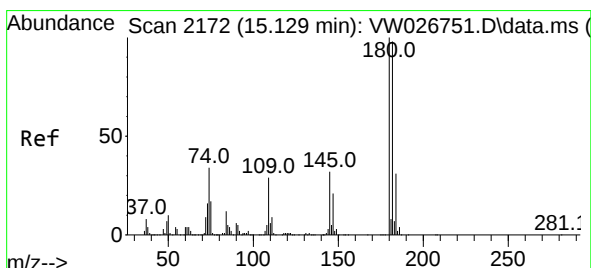
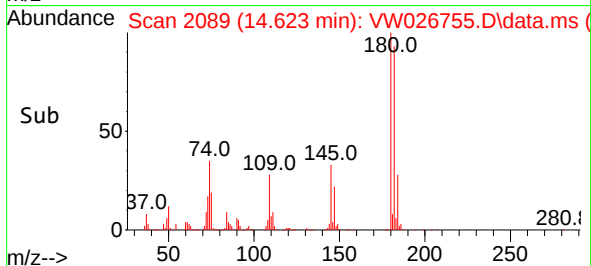
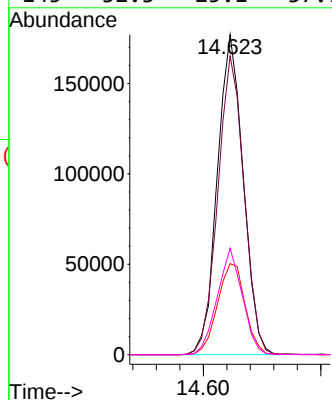
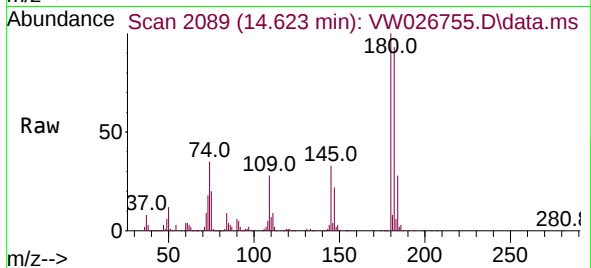
Ion Ratio Lower Upper

180 100

182 94.2 75.2 112.8

184 30.4 23.8 35.8

145 32.3 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 23.018 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW026755.D

Acq: 16 Aug 2023 13:42

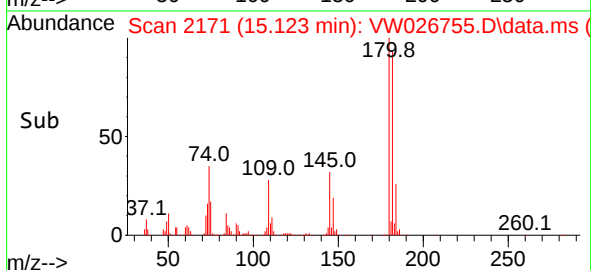
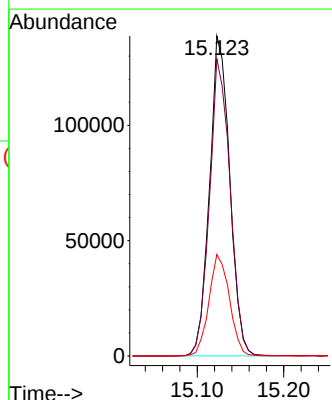
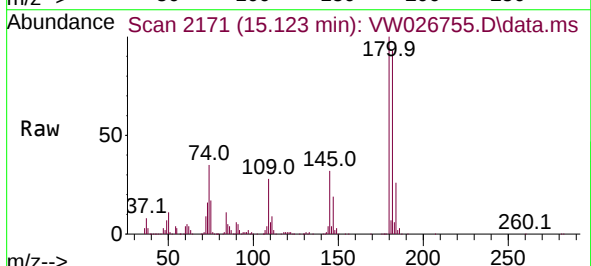
Tgt Ion:180 Resp: 224896

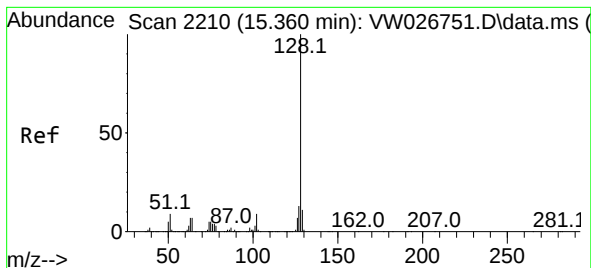
Ion Ratio Lower Upper

180 100

182 94.6 72.5 108.7

145 32.3 24.7 37.1





#71

Naphthalene

Concen: 24.617 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026755.D

Acq: 16 Aug 2023 13:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

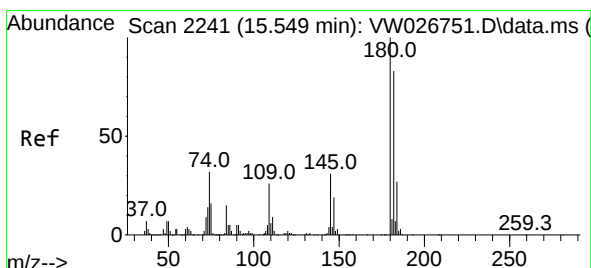
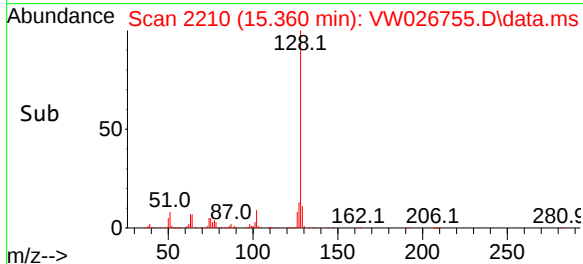
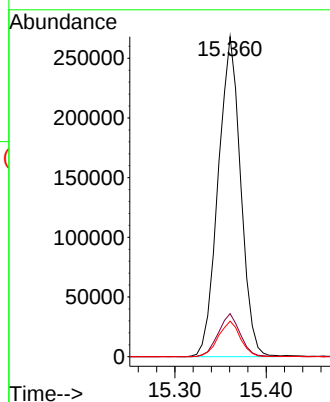
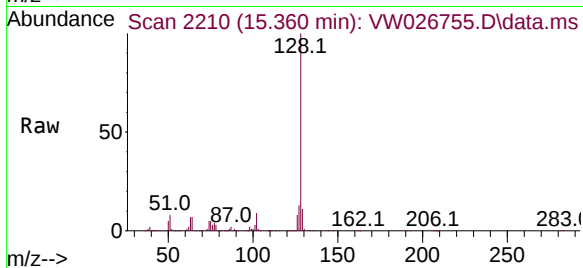
Tgt Ion:128 Resp: 458809

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.9 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 23.854 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW026755.D

Acq: 16 Aug 2023 13:42

Tgt Ion:180 Resp: 210217

Ion Ratio Lower Upper

180 100

182 99.1 74.6 112.0

145 35.4 27.0 40.6

