

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062023\
 Data File : VW026279.D
 Acq On : 20 Jun 2023 18:56
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025526

Quant Time: Jun 21 01:16:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 21 01:09:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	636716	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	582926	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	296950	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	163153	18.215	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.840%
7) Chloroethane-d5	2.893	69	161477	24.082	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.320%
11) 1,1-Dichloroethene-d2	4.021	65	86694	19.629	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.520%
21) 2-Butanone-d5	7.069	46	180297	69.138	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.280%#
24) Chloroform-d	7.648	84	469657	25.189	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.760%
26) 1,2-Dichloroethane-d4	8.307	65	264066	25.900	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	8.270	84	881899	22.484	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.920%
36) 1,2-Dichloropropane-d6	9.270	67	301638	24.274	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.080%
41) Toluene-d8	10.319	98	756011	21.734	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.920%
43) trans-1,3-Dichloroprop...	10.575	79	106665	21.661	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.640%
47) 2-Hexanone-d5	10.922	63	124664	63.623	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.240%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	269996	29.858	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	256780	22.592	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	139685	17.896	ug/L	99
3) Chloromethane	2.222	50	220367	22.019	ug/L	97
5) Vinyl chloride	2.375	62	226068	21.132	ug/L	97
6) Bromomethane	2.783	94	130481	22.373	ug/L	97
8) Chloroethane	2.930	64	144690	25.029	ug/L	100
9) Trichlorofluoromethane	3.265	101	153687	22.330	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	193653	22.299	ug/L	97
12) 1,1-Dichloroethene	4.045	96	173479	21.399	ug/L	88
13) Acetone	4.112	43	88887	44.051	ug/L	99
14) Carbon disulfide	4.393	76	532648	18.612	ug/L	100
15) Methyl Acetate	4.667	43	125476	27.707	ug/L	98
16) Methylene chloride	4.917	84	211114	20.774	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	197836	21.751	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	345195	24.080	ug/L	99
19) 1,1-Dichloroethane	6.216	63	434367	23.458	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	228239	23.690	ug/L	97
22) 2-Butanone	7.167	43	160335	55.703	ug/L	100
23) Bromochloromethane	7.514	128	97023	23.613	ug/L	97
25) Chloroform	7.673	83	414120	24.011	ug/L	98

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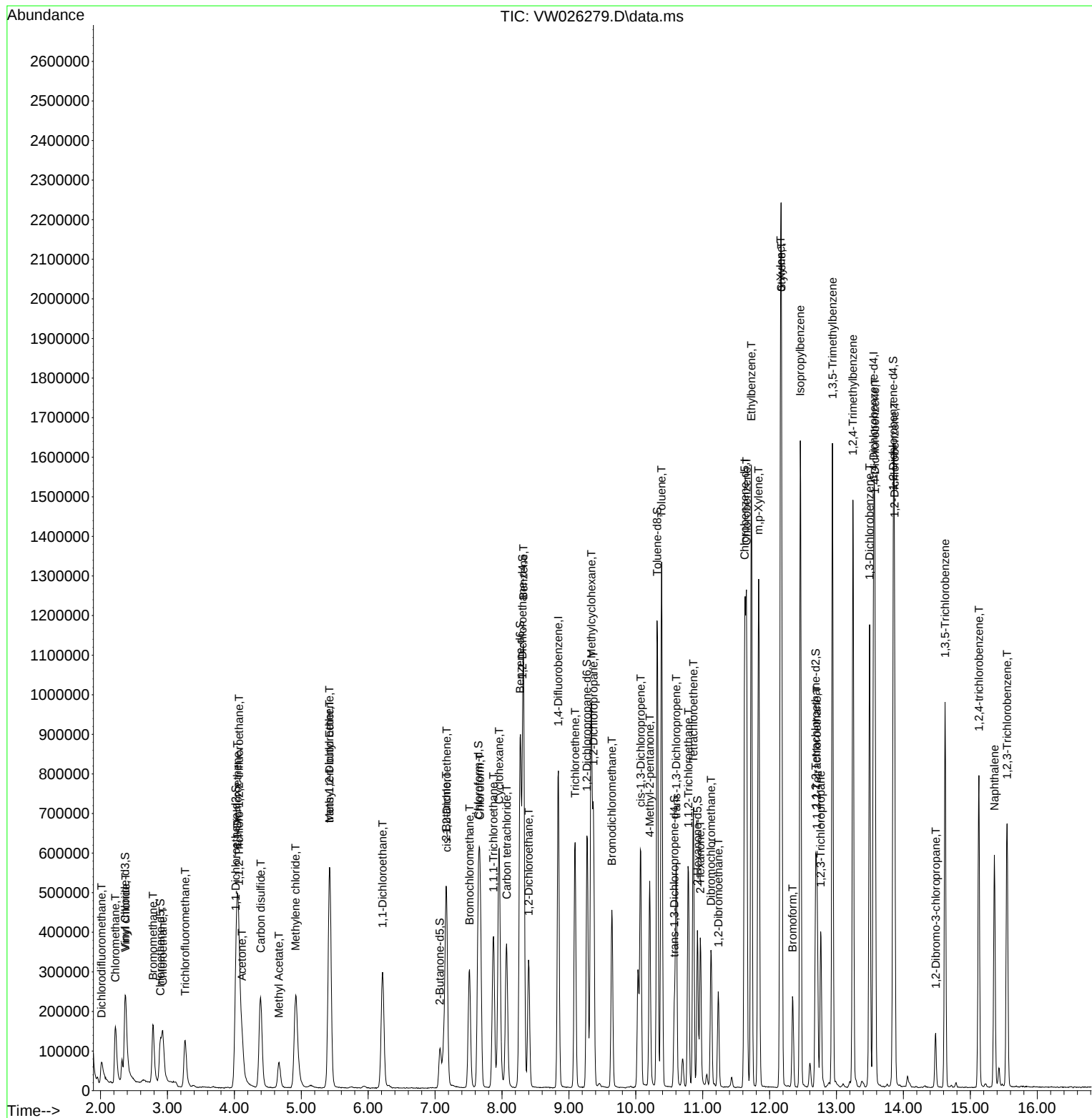
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	291990	24.547	ug/L	98
29) Cyclohexane	7.959	56	353136	19.622	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	305610	21.604	ug/L	98
31) Carbon tetrachloride	8.069	117	272113	21.080	ug/L	100
33) Benzene	8.319	78	905787	22.683	ug/L	100
34) Trichloroethene	9.093	95	220003	21.516	ug/L	96
35) Methylcyclohexane	9.337	83	363213	20.074	ug/L	99
37) 1,2-Dichloropropane	9.368	63	252396	23.336	ug/L	100
38) Bromodichloromethane	9.642	83	296366	23.585	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	354091	22.278	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	356065	55.839	ug/L	99
42) Toluene	10.386	91	917887	22.473	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	300183	22.670	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	170989	23.987	ug/L	99
46) Tetrachloroethene	10.861	164	147542	20.400	ug/L	94
48) 2-Hexanone	10.965	43	249036	55.389	ug/L	98
49) Dibromochloromethane	11.123	129	180254	24.119	ug/L	91
50) 1,2-Dibromoethane	11.233	107	156309	23.682	ug/L	99
51) Chlorobenzene	11.654	112	576092	22.509	ug/L	99
52) Ethylbenzene	11.727	91	1041414	22.603	ug/L	97
53) m,p-Xylene	11.837	106	387873	22.630	ug/L	96
54) o-Xylene	12.166	106	370909	22.927	ug/L	98
55) Styrene	12.178	104	657330	23.684	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	223337	25.889	ug/L	97
59) Bromoform	12.343	173	97230	21.800	ug/L	97
60) Isopropylbenzene	12.458	105	984101	21.096	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	163992	24.654	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	810237	21.849	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	749055	22.054	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	416560	21.238	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	432662	21.910	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	401631	22.803	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	35173	22.824	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	263349	19.546	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	219973	19.786	ug/L	99
71) Naphthalene	15.360	128	452753	22.849	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	202318	20.823	ug/L	98

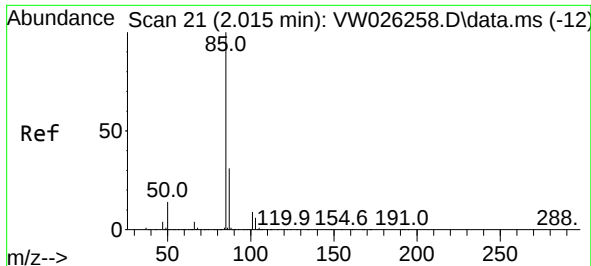
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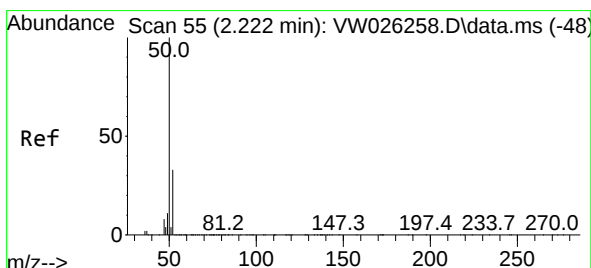
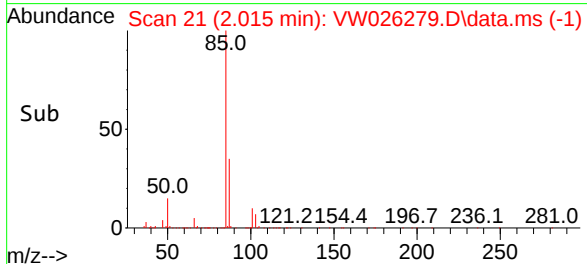
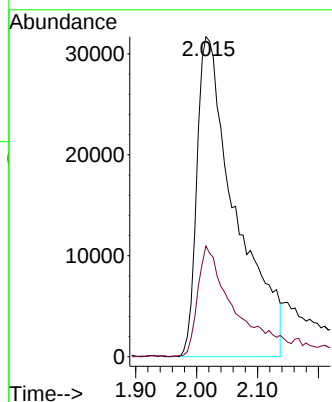
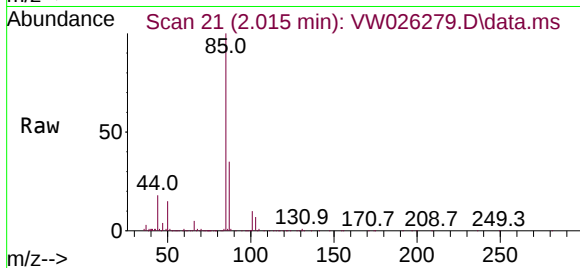




#2
Dichlorodifluoromethane
Concen: 17.896 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

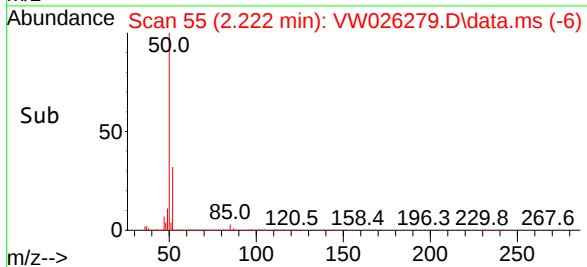
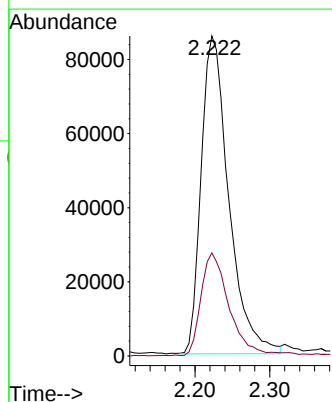
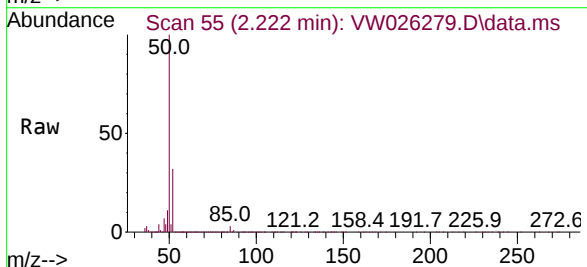
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

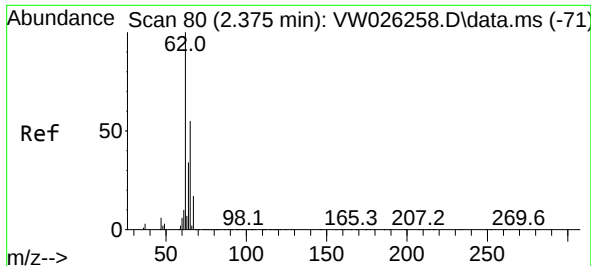
Tgt Ion: 85 Resp: 139685
Ion Ratio Lower Upper
85 100
87 28.1 22.2 33.2



#3
Chloromethane
Concen: 22.019 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

Tgt Ion: 50 Resp: 220367
Ion Ratio Lower Upper
50 100
52 32.2 21.3 39.6

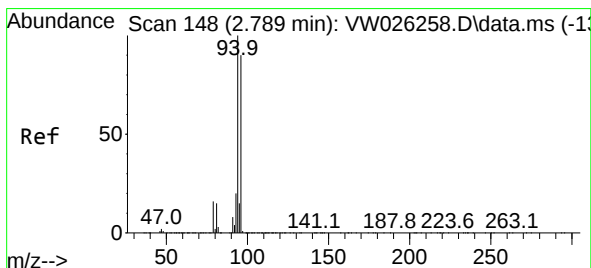
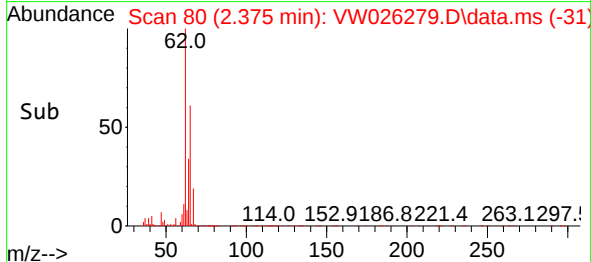
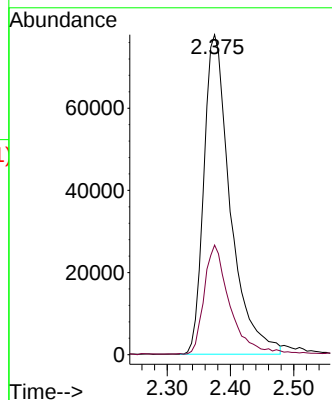
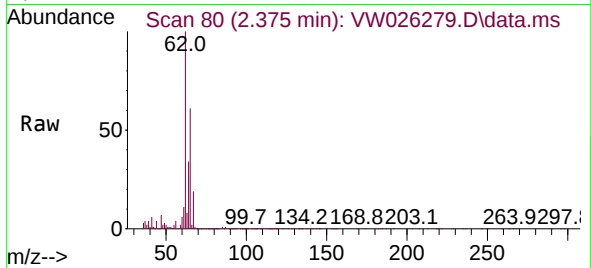




#5
 Vinyl chloride
 Concen: 21.132 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026279.D
 Acq: 20 Jun 2023 18:56

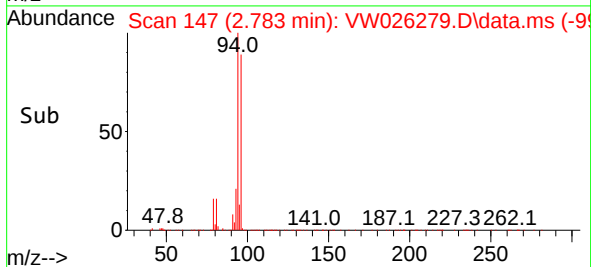
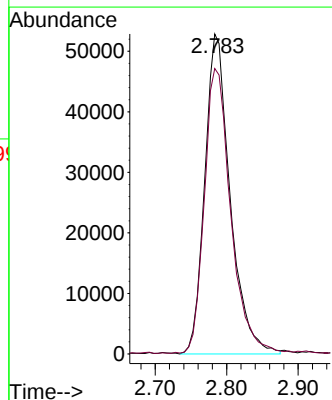
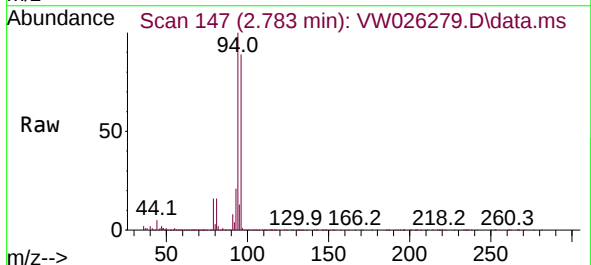
Instrument :
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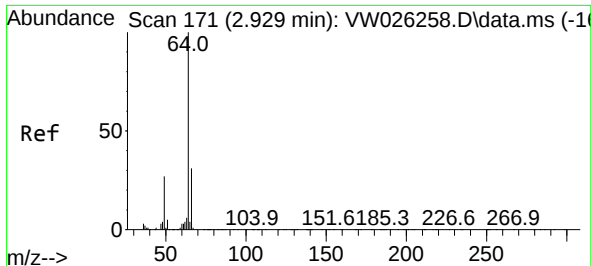
Tgt Ion: 62 Resp: 226068
 Ion Ratio Lower Upper
 62 100
 64 34.2 22.7 42.1



#6
 Bromomethane
 Concen: 22.373 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026279.D
 Acq: 20 Jun 2023 18:56

Tgt Ion: 94 Resp: 130481
 Ion Ratio Lower Upper
 94 100
 96 89.2 64.2 119.2

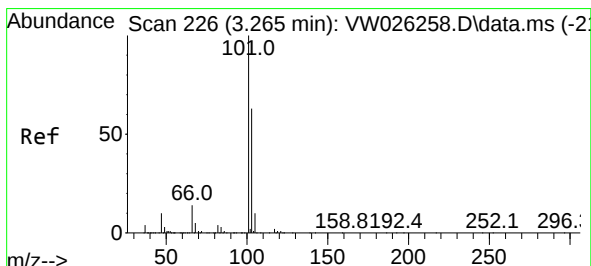
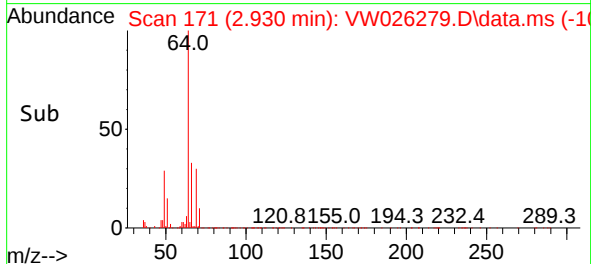
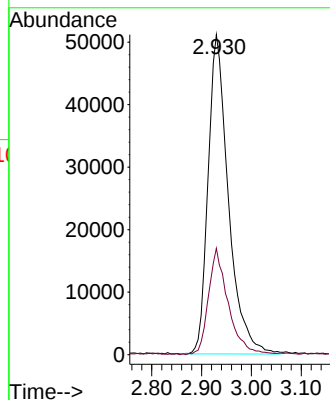
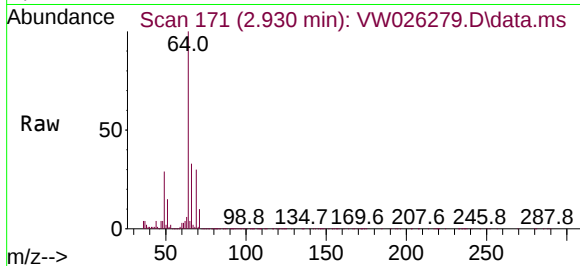




#8
Chloroethane
Concen: 25.029 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

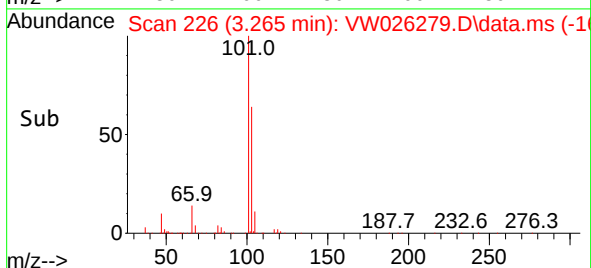
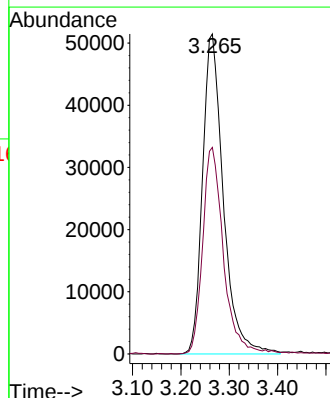
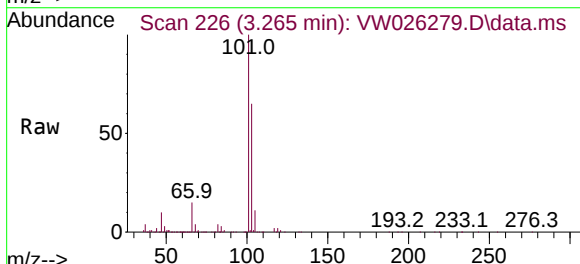
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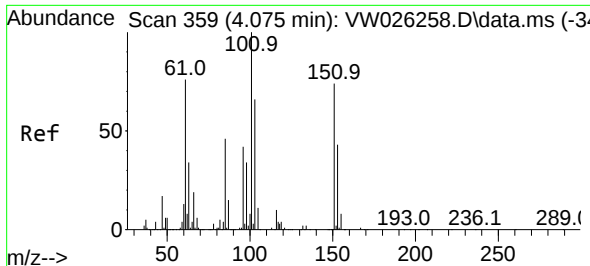
Tgt Ion: 64 Resp: 144690
Ion Ratio Lower Upper
64 100
66 33.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 22.330 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

Tgt Ion: 101 Resp: 153687
Ion Ratio Lower Upper
101 100
103 63.7 51.6 77.4

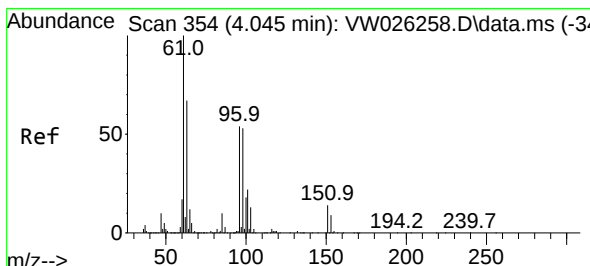
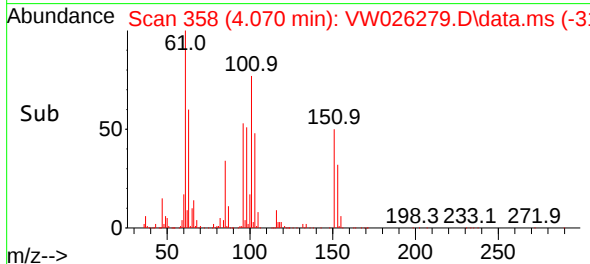
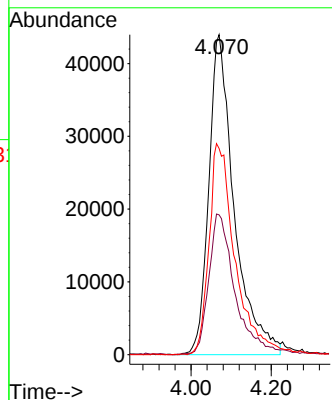
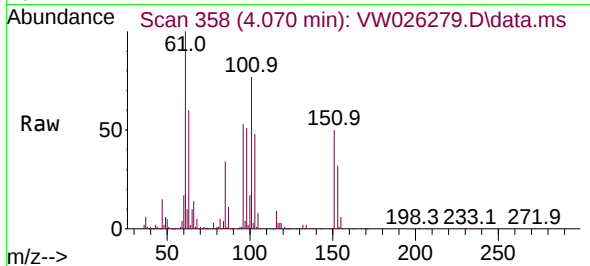




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.299 ug/L
RT: 4.070 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

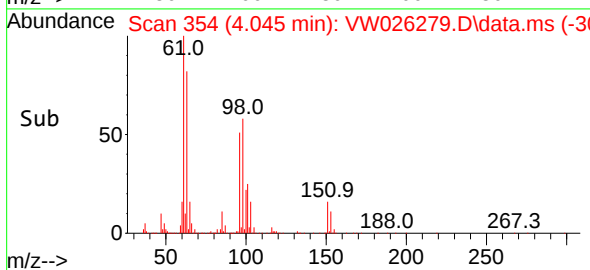
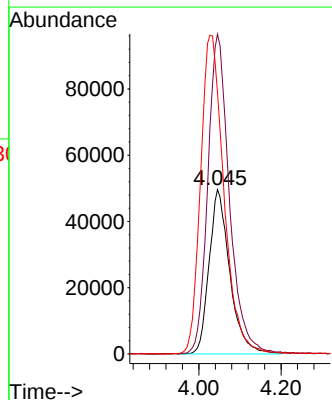
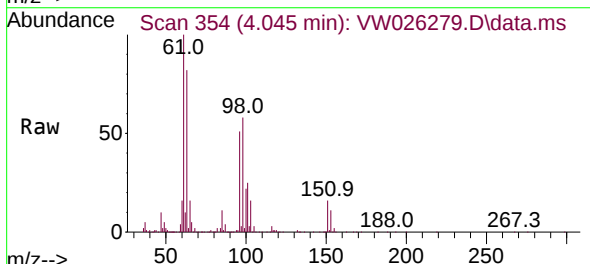
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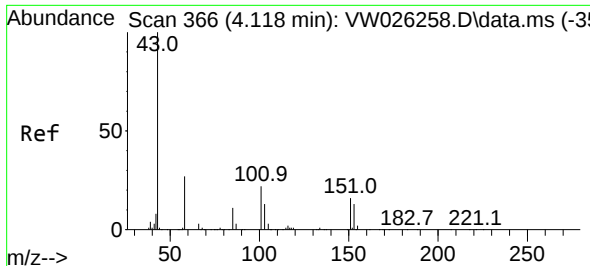
Tgt Ion:101 Resp: 193653
Ion Ratio Lower Upper
101 100
85 41.9 36.1 54.1
151 67.3 55.1 82.7



#12
1,1-Dichloroethene
Concen: 21.399 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

Tgt Ion: 96 Resp: 173479
Ion Ratio Lower Upper
96 100
61 194.5 140.6 261.0
63 159.1 131.7 244.5

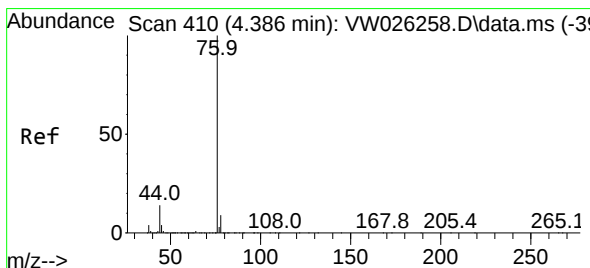
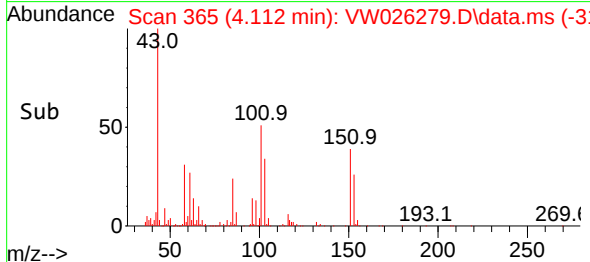
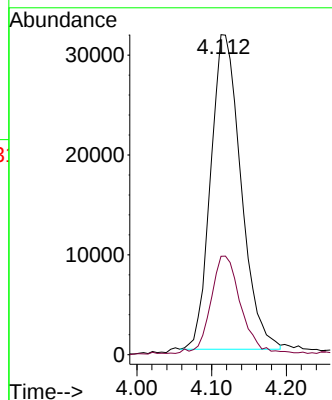
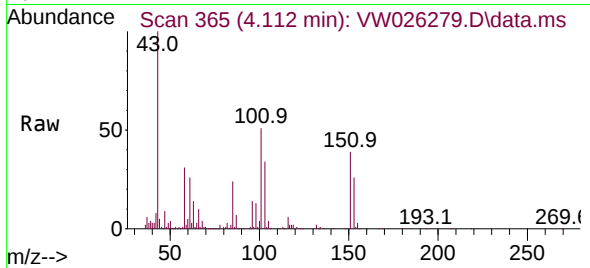




#13
Acetone
Concen: 44.051 ug/L
RT: 4.112 min Scan# 30
Delta R.T. -0.006 min
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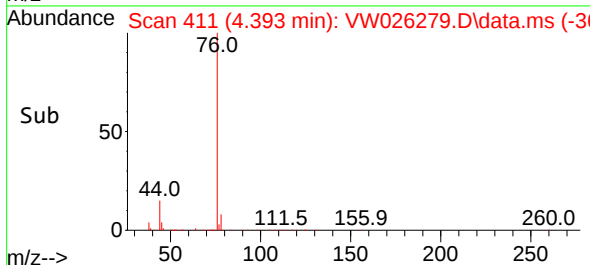
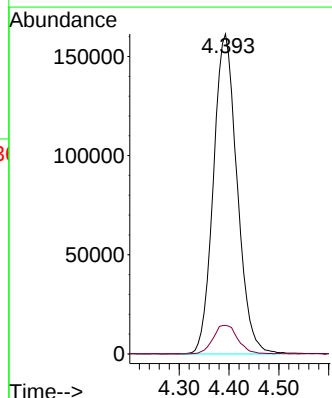
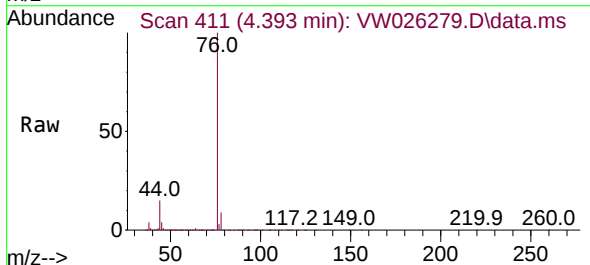
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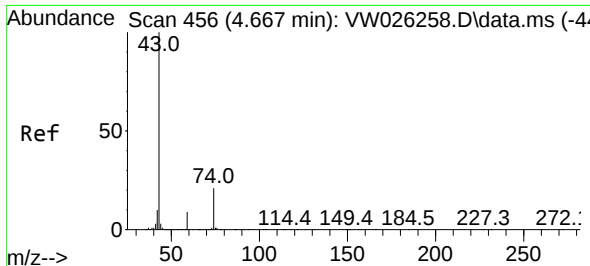
Tgt Ion: 43 Resp: 88887
Ion Ratio Lower Upper
43 100
58 28.4 0.0 58.2



#14
Carbon disulfide
Concen: 18.612 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

Tgt Ion: 76 Resp: 532648
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

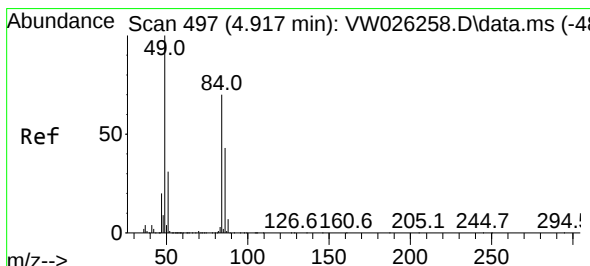
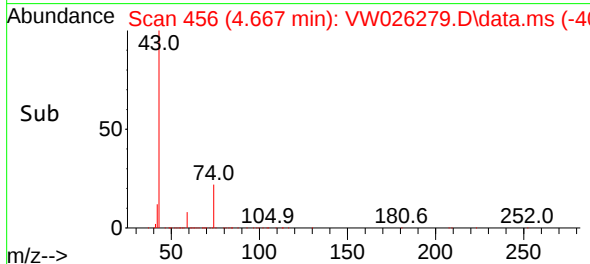
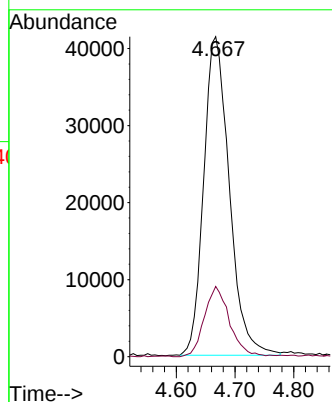
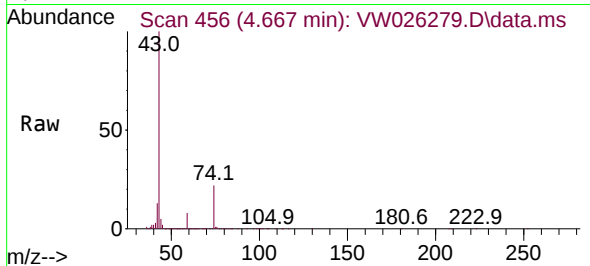




#15
Methyl Acetate
Concen: 27.707 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

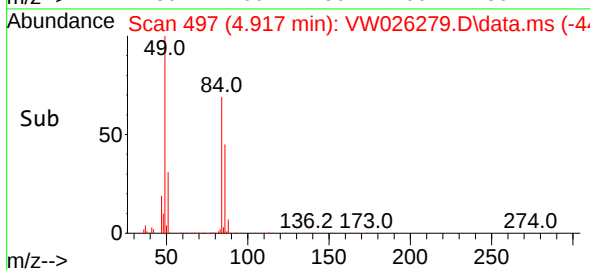
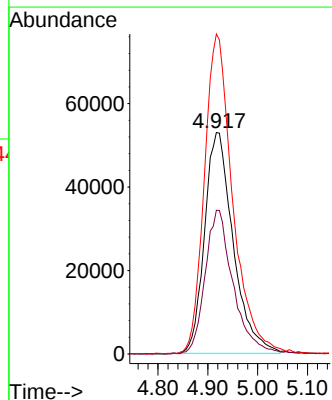
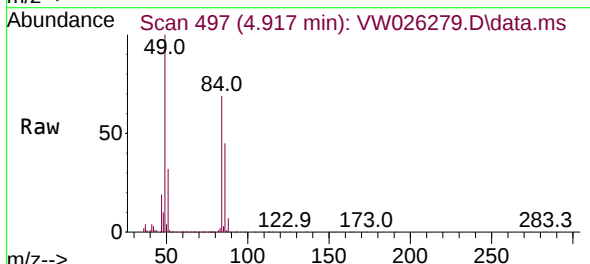
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

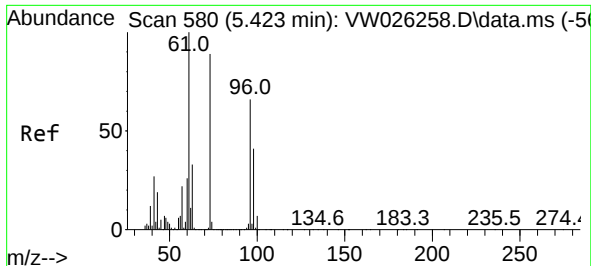
Tgt Ion: 43 Resp: 125476
Ion Ratio Lower Upper
43 100
74 21.6 16.6 25.0



#16
Methylene chloride
Concen: 20.774 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

Tgt Ion: 84 Resp: 211114
Ion Ratio Lower Upper
84 100
86 64.9 44.2 82.0
49 144.5 98.8 183.6

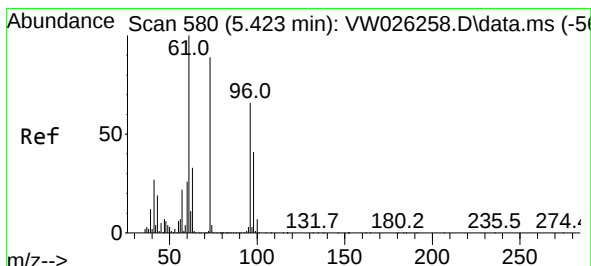
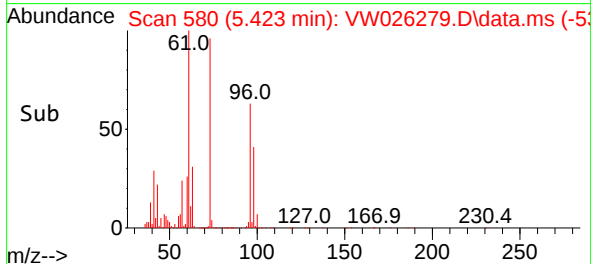
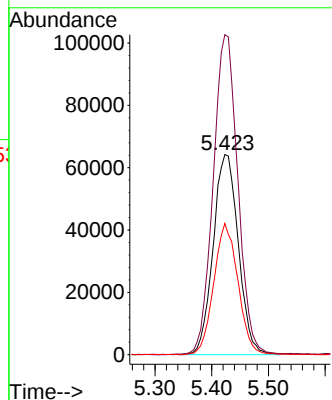
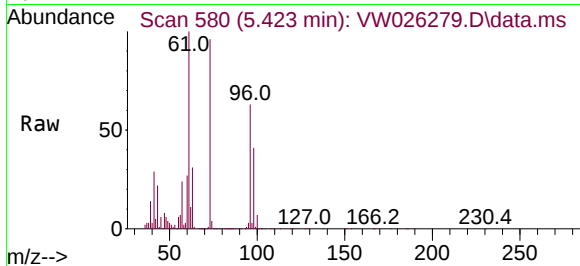




#17
trans-1,2-Dichloroethene
Concen: 21.751 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

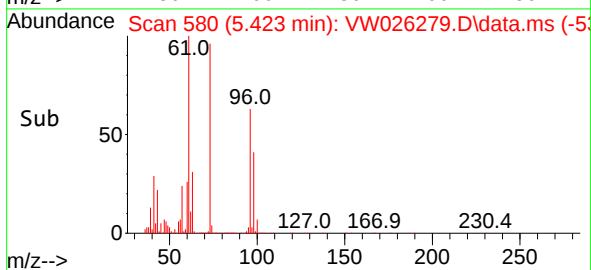
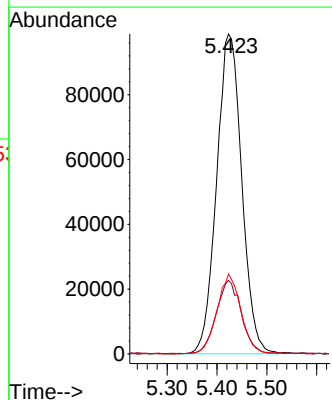
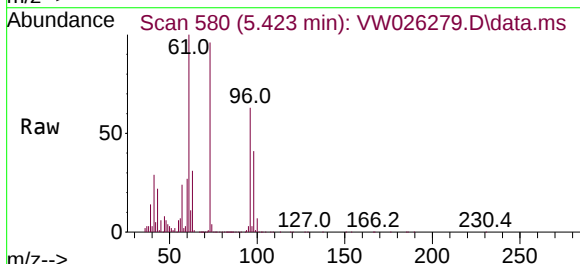
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

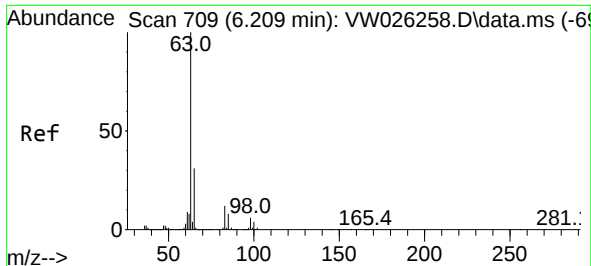
Tgt Ion: 96 Resp: 197836
Ion Ratio Lower Upper
96 100
61 159.8 113.0 209.8
98 65.5 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 24.080 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

Tgt Ion: 73 Resp: 345195
Ion Ratio Lower Upper
73 100
43 22.7 17.8 26.6
57 23.5 18.9 28.3





#19

1,1-Dichloroethane

Concen: 23.458 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW026279.D

Acq: 20 Jun 2023 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025526

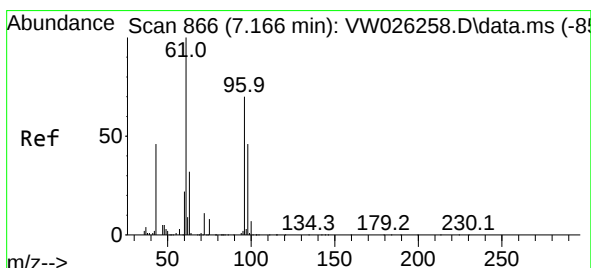
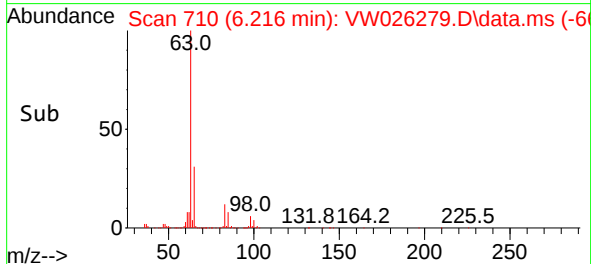
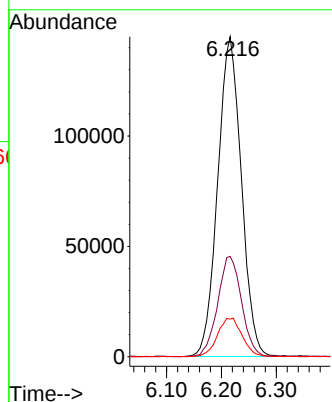
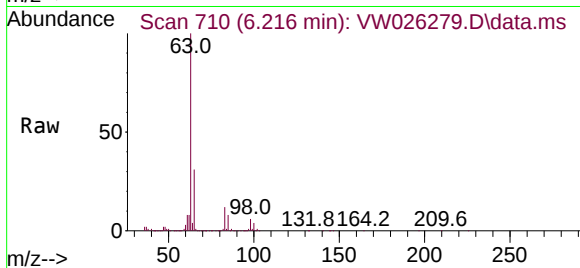
Tgt Ion: 63 Resp: 434367

Ion Ratio Lower Upper

63 100

65 31.3 22.3 41.5

83 11.7 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 23.690 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026279.D

Acq: 20 Jun 2023 18:56

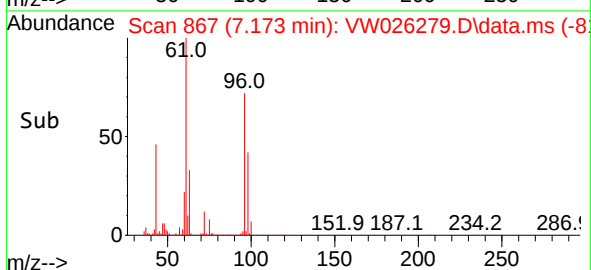
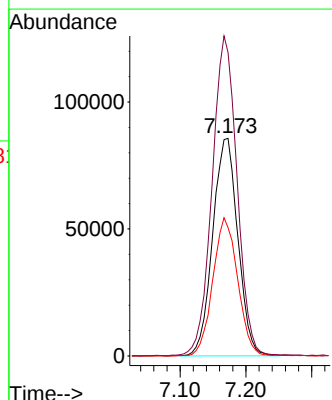
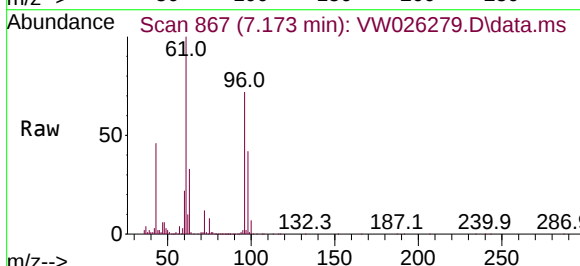
Tgt Ion: 96 Resp: 228239

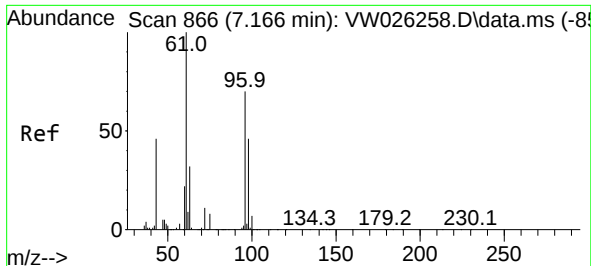
Ion Ratio Lower Upper

96 100

61 139.5 98.4 182.8

98 59.0 45.2 84.0

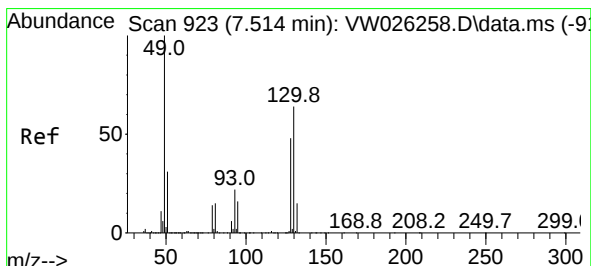
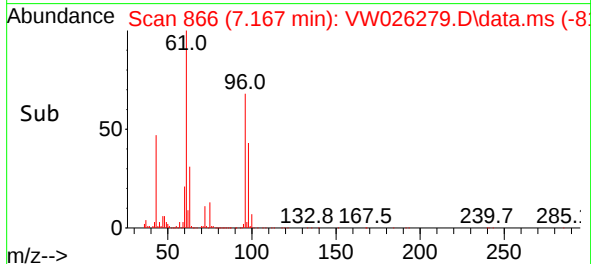
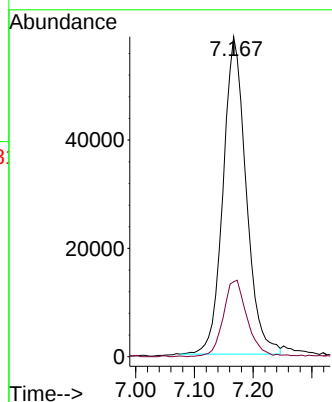
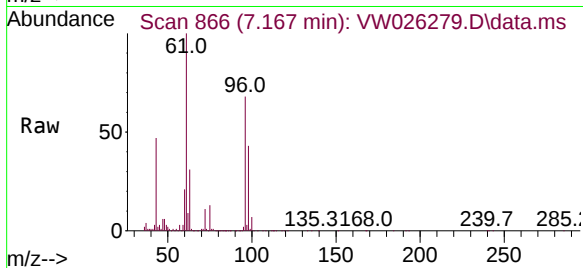




#22
2-Butanone
Concen: 55.703 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

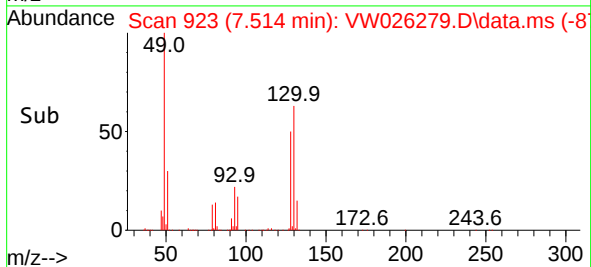
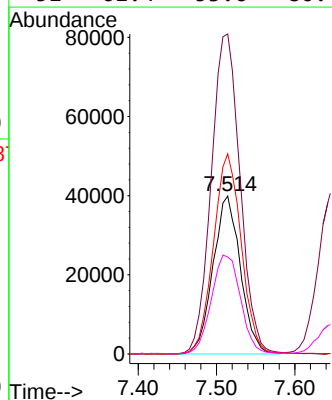
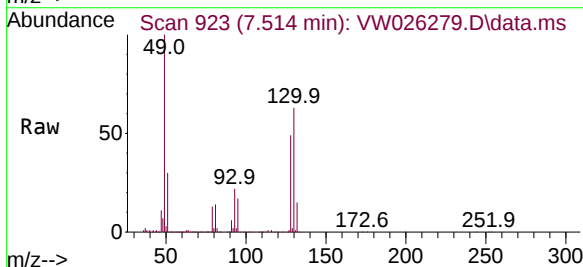
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

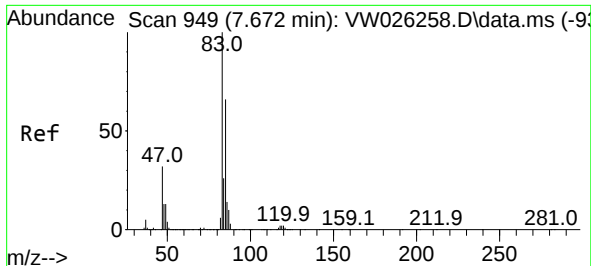
Tgt Ion: 43 Resp: 160335
Ion Ratio Lower Upper
43 100
72 24.8 12.4 37.4



#23
Bromochloromethane
Concen: 23.613 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

Tgt Ion: 128 Resp: 97023
Ion Ratio Lower Upper
128 100
49 202.7 140.6 261.0
130 126.8 86.0 159.6
51 61.4 53.6 80.4

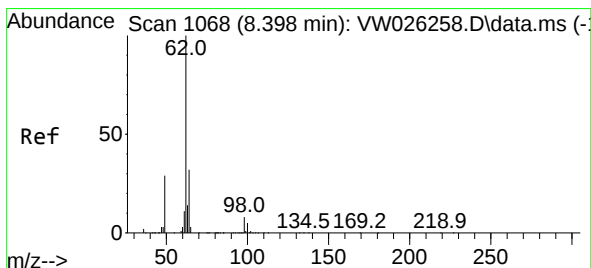
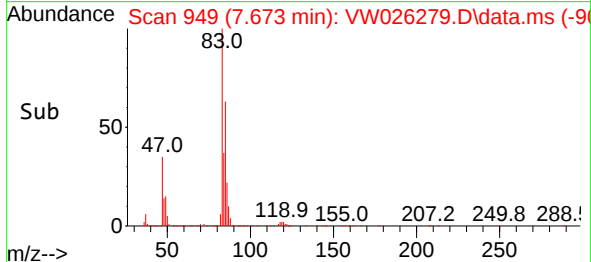
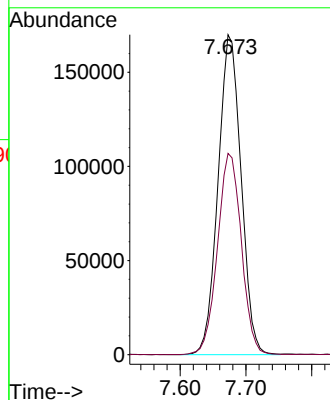
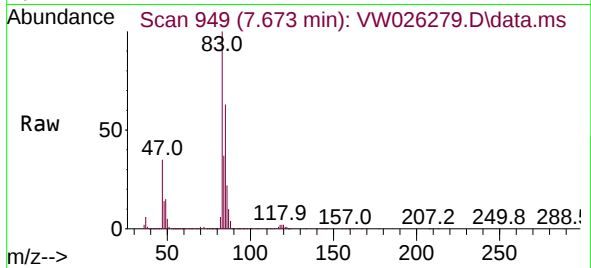




#25
Chloroform
Concen: 24.011 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

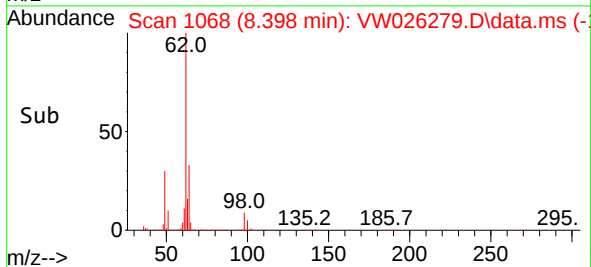
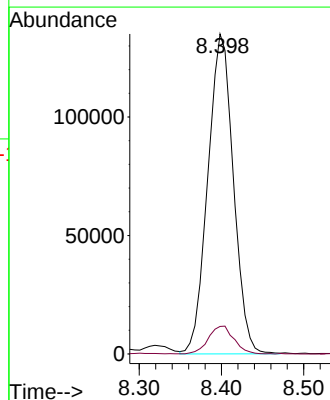
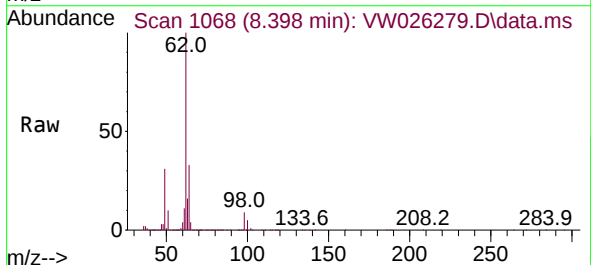
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

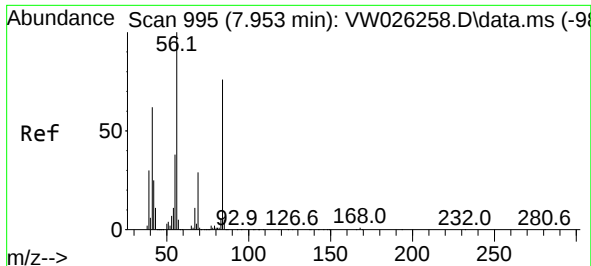
Tgt Ion: 83 Resp: 414120
Ion Ratio Lower Upper
83 100
85 62.9 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.547 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

Tgt Ion: 62 Resp: 291990
Ion Ratio Lower Upper
62 100
98 8.6 7.4 11.2

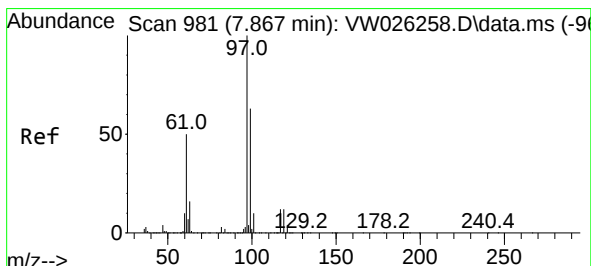
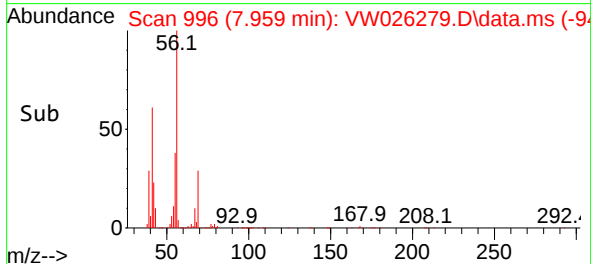
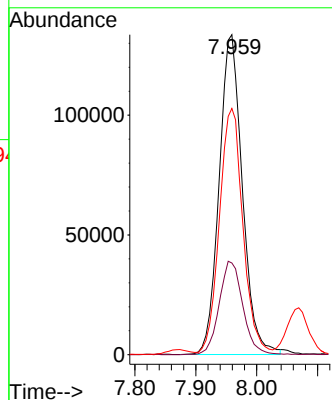
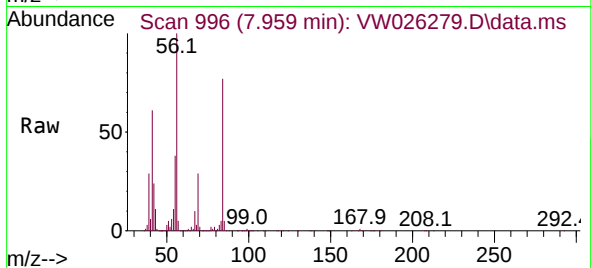




#29
Cyclohexane
Concen: 19.622 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

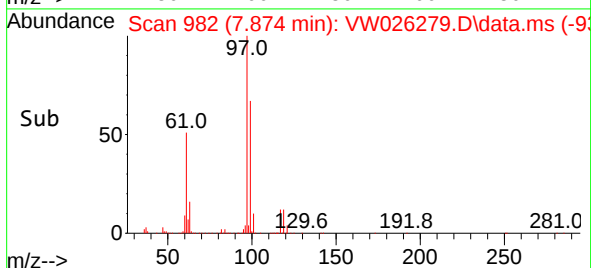
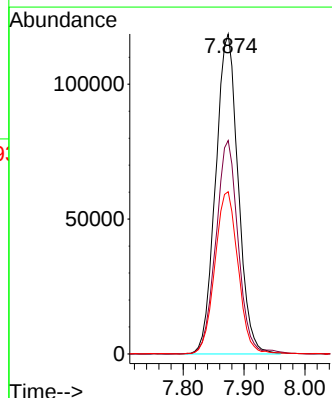
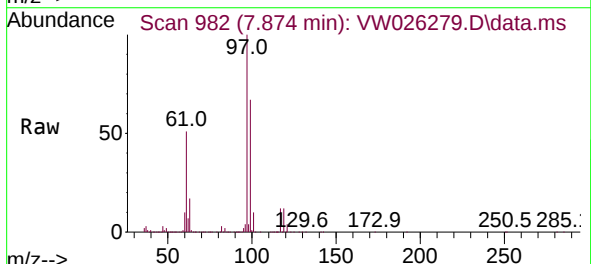
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

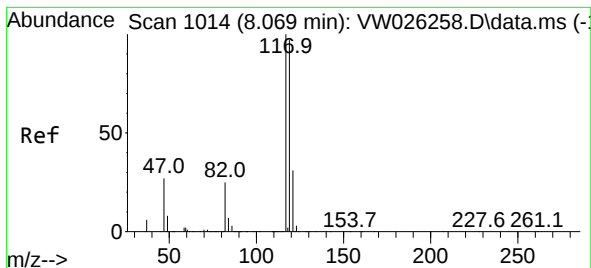
Tgt Ion: 56 Resp: 353136
Ion Ratio Lower Upper
56 100
69 29.6 23.3 34.9
84 78.1 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 21.604 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

Tgt Ion: 97 Resp: 305610
Ion Ratio Lower Upper
97 100
99 64.8 50.6 76.0
61 52.2 40.5 60.7





#31

Carbon tetrachloride

Concen: 21.080 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026279.D

Acq: 20 Jun 2023 18:56

Instrument :

MSVOA_W

ClientSampleId :

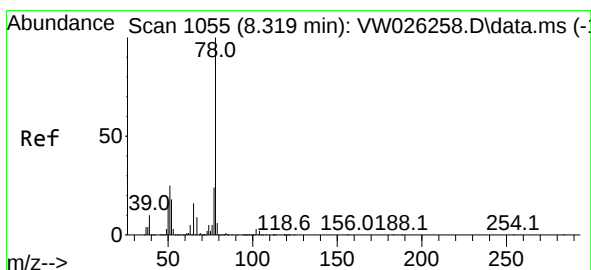
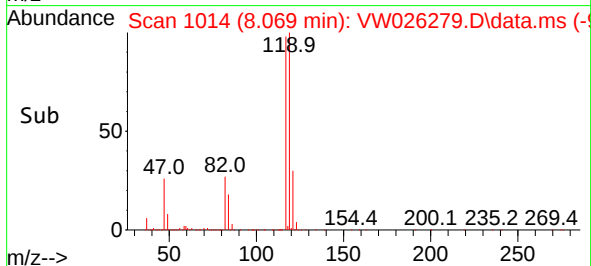
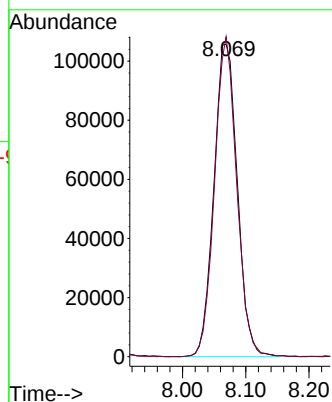
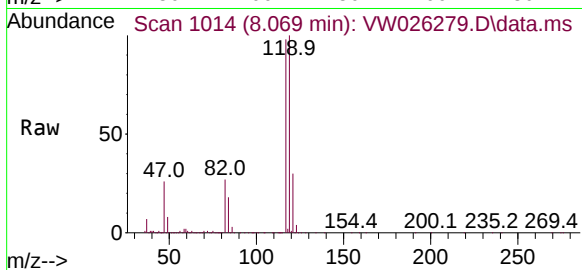
VSTD025526

Tgt Ion:117 Resp: 272113

Ion Ratio Lower Upper

117 100

119 96.6 77.4 116.2



#33

Benzene

Concen: 22.683 ug/L

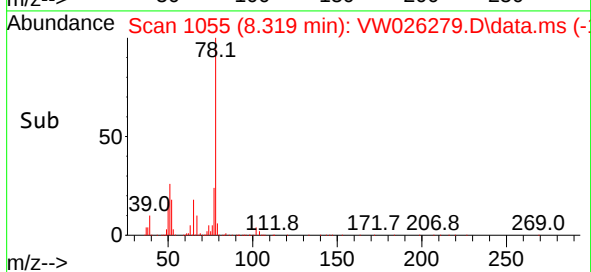
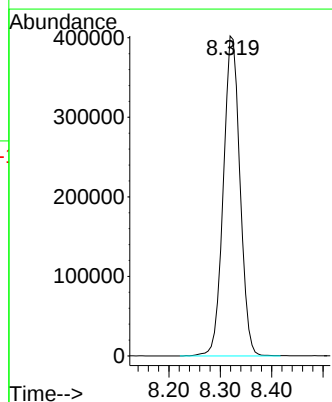
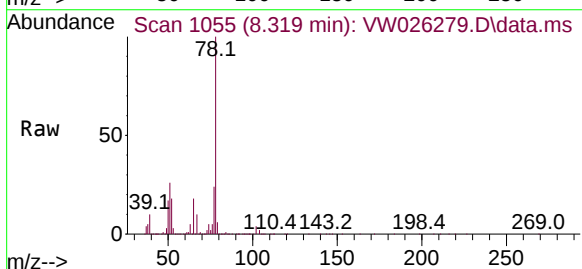
RT: 8.319 min Scan# 1055

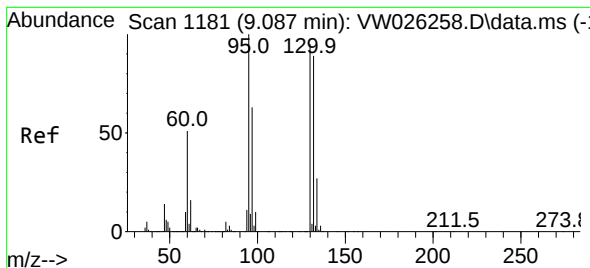
Delta R.T. 0.000 min

Lab File: VW026279.D

Acq: 20 Jun 2023 18:56

Tgt Ion: 78 Resp: 905787





#34

Trichloroethene

Concen: 21.516 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW026279.D

Acq: 20 Jun 2023 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025526

Tgt Ion: 95 Resp: 220003

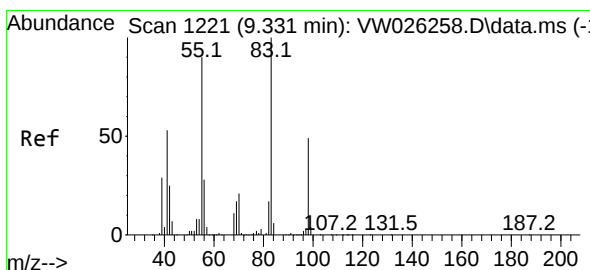
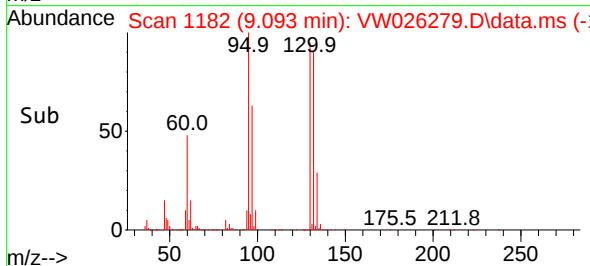
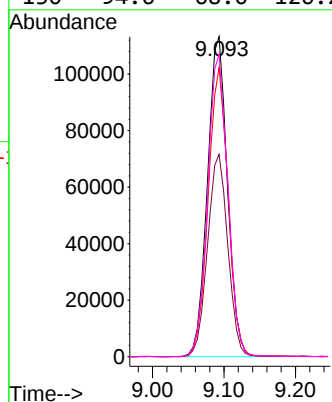
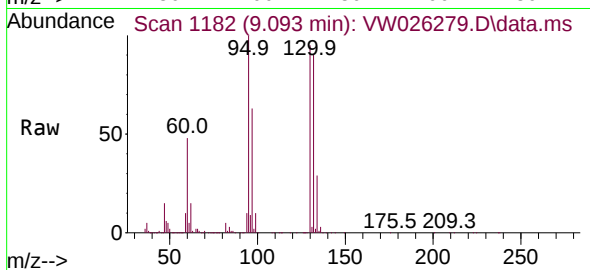
Ion Ratio Lower Upper

95 100

97 63.3 45.9 85.3

132 90.4 67.1 124.7

130 94.6 68.0 126.2



#35

Methylcyclohexane

Concen: 20.074 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW026279.D

Acq: 20 Jun 2023 18:56

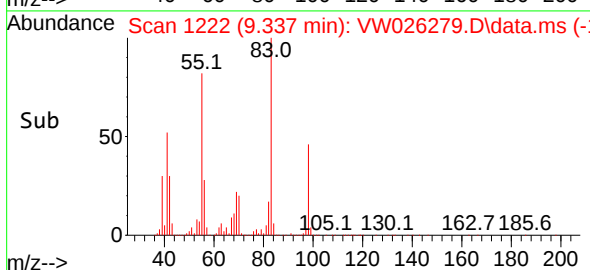
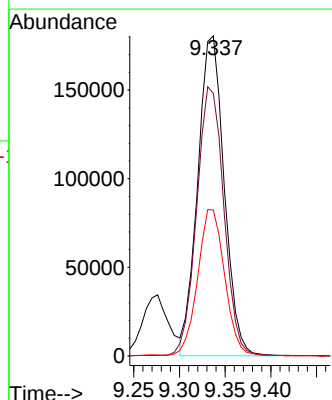
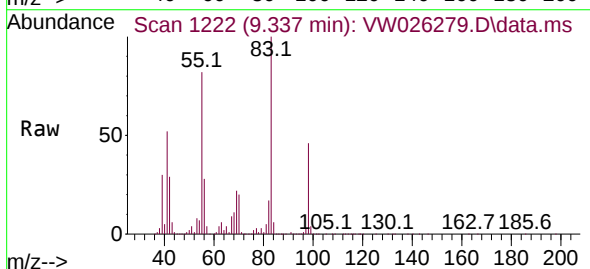
Tgt Ion: 83 Resp: 363213

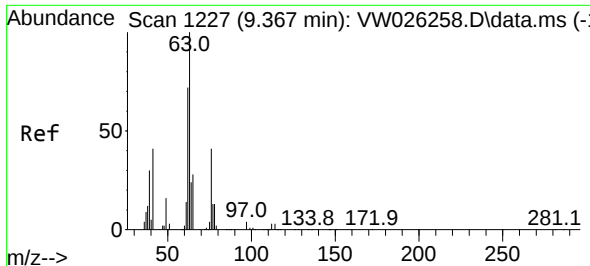
Ion Ratio Lower Upper

83 100

55 86.3 68.2 102.4

98 46.9 38.1 57.1





#37

1,2-Dichloropropane

Concen: 23.336 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026279.D

Acq: 20 Jun 2023 18:56

Instrument :

MSVOA_W

ClientSampleId :

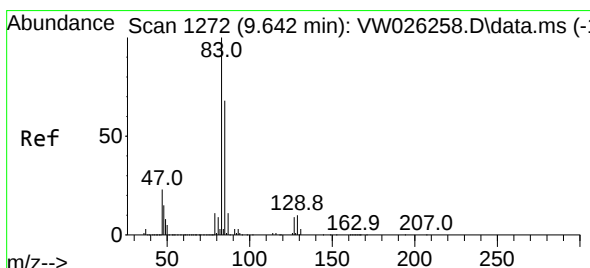
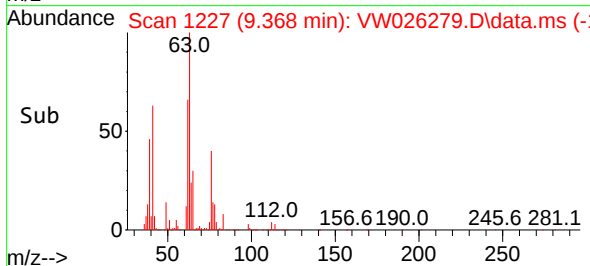
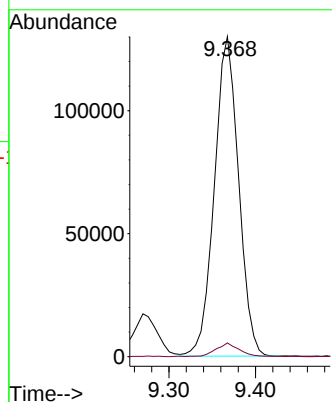
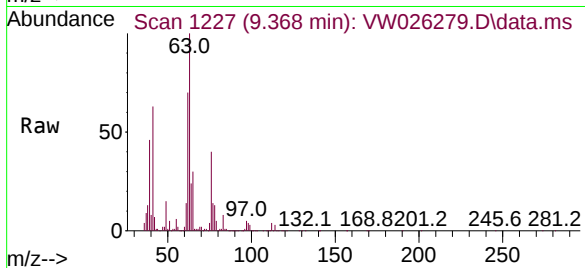
VSTD025526

Tgt Ion: 63 Resp: 252396

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 23.585 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026279.D

Acq: 20 Jun 2023 18:56

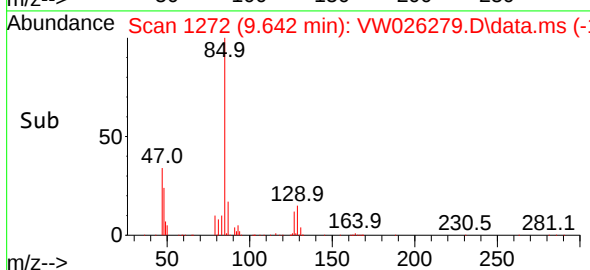
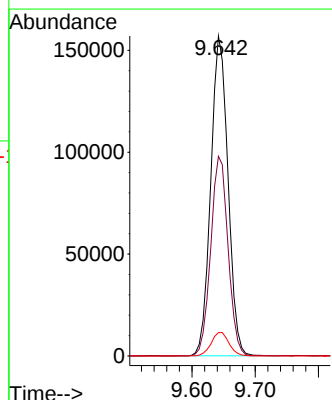
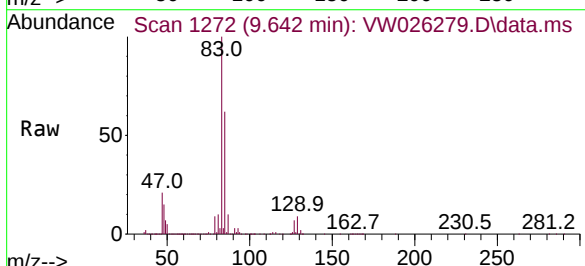
Tgt Ion: 83 Resp: 296366

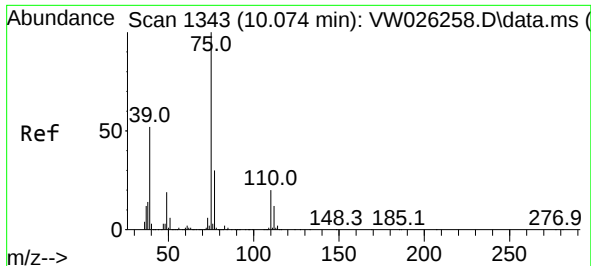
Ion Ratio Lower Upper

83 100

85 62.4 44.2 82.0

127 7.3 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 22.278 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW026279.D

Acq: 20 Jun 2023 18:56

Instrument :

MSVOA_W

ClientSampleId :

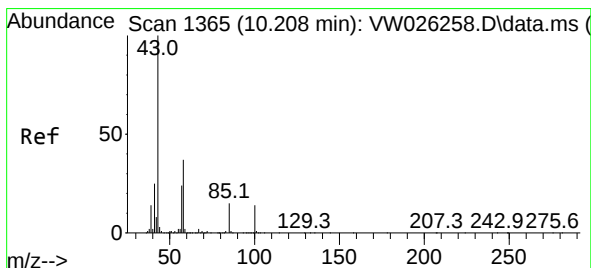
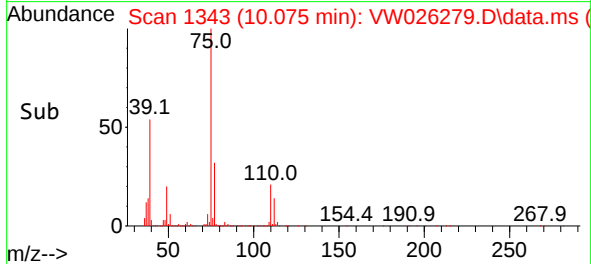
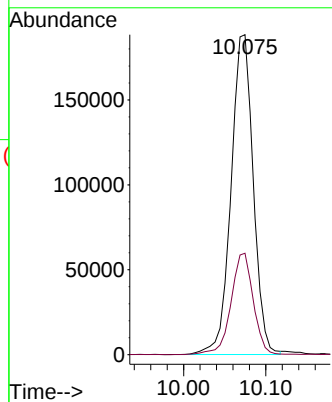
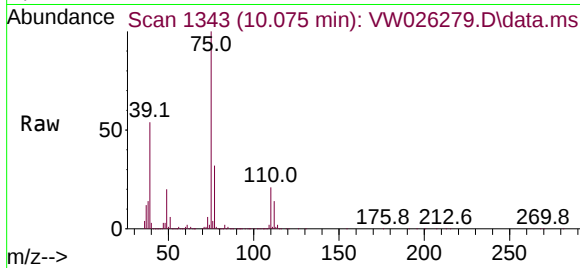
VSTD025526

Tgt Ion: 75 Resp: 354091

Ion Ratio Lower Upper

75 100

77 31.7 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 55.839 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026279.D

Acq: 20 Jun 2023 18:56

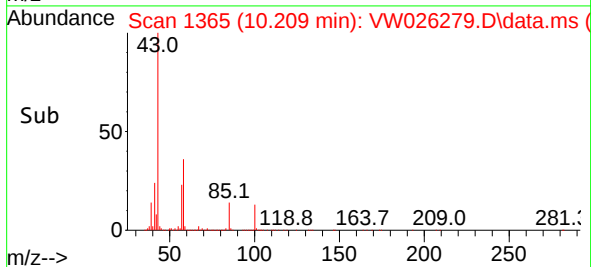
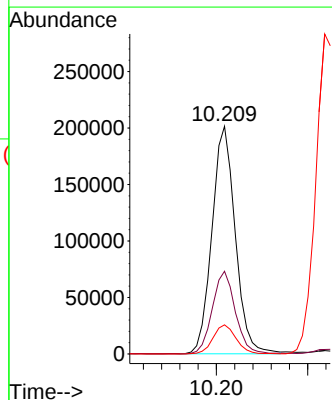
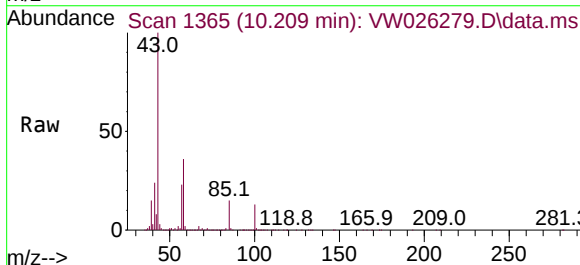
Tgt Ion: 43 Resp: 356065

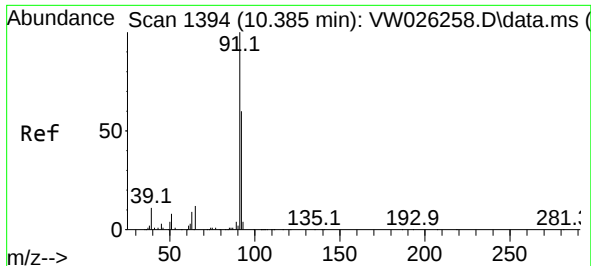
Ion Ratio Lower Upper

43 100

58 35.9 29.0 43.4

100 12.8 10.5 15.7





#42

Toluene

Concen: 22.473 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026279.D

Acq: 20 Jun 2023 18:56

Instrument :

MSVOA_W

ClientSampleId :

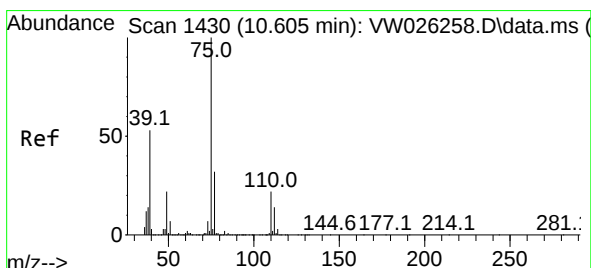
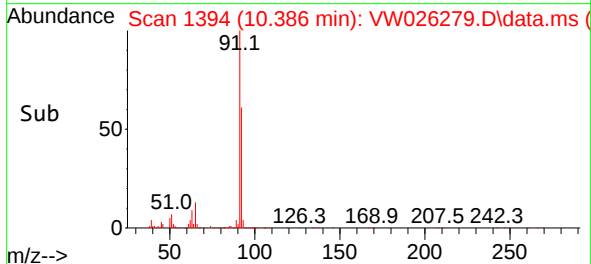
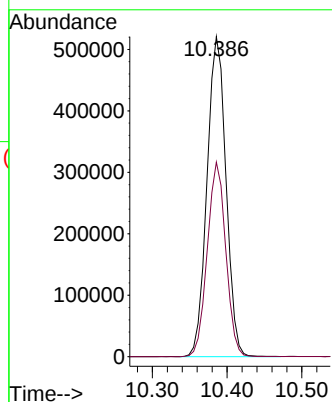
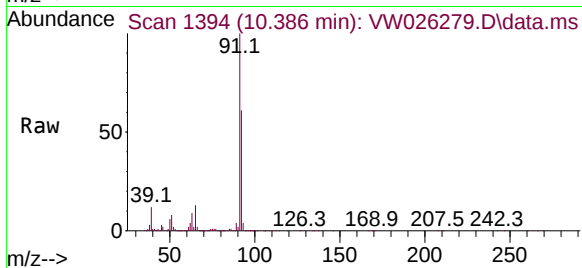
VSTD025526

Tgt Ion: 91 Resp: 917887

Ion Ratio Lower Upper

91 100

92 60.8 42.2 78.4



#44

trans-1,3-Dichloropropene

Concen: 22.670 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW026279.D

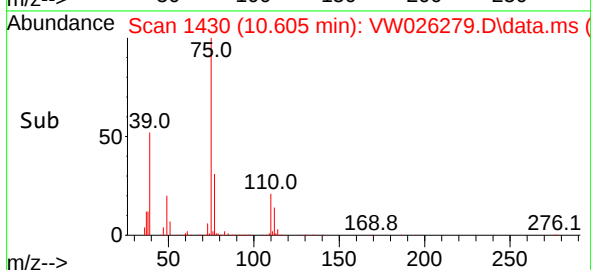
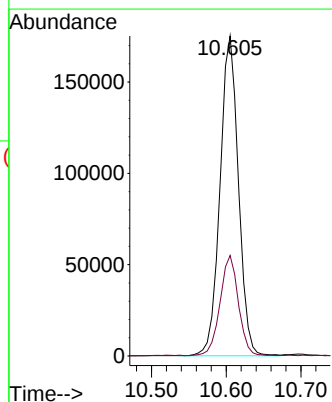
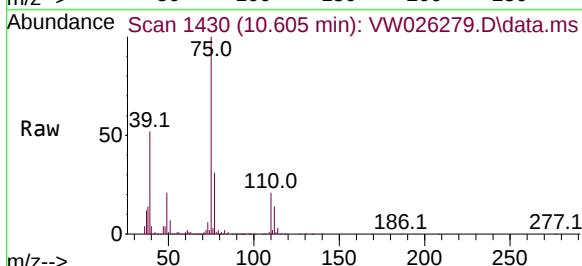
Acq: 20 Jun 2023 18:56

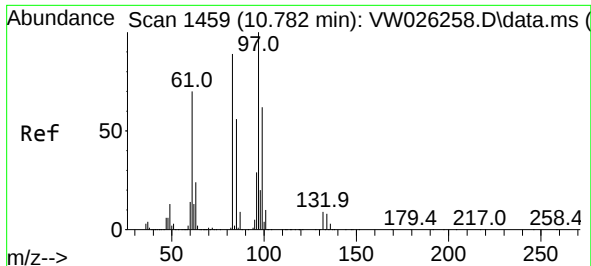
Tgt Ion: 75 Resp: 300183

Ion Ratio Lower Upper

75 100

77 31.4 21.1 39.3



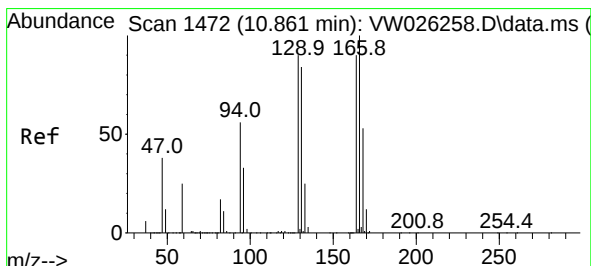
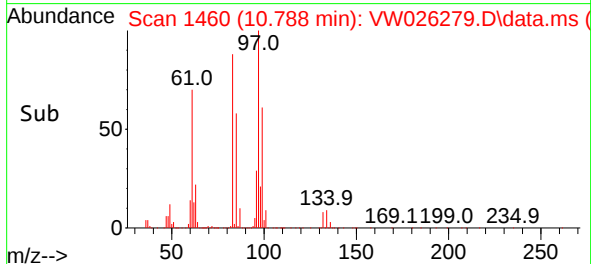
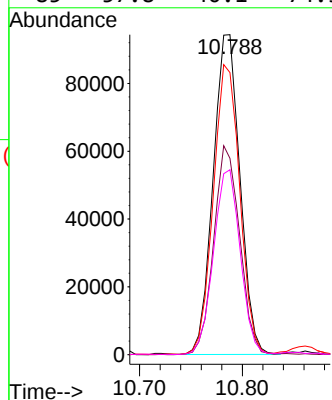
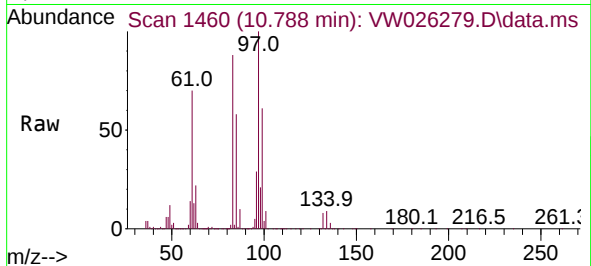


#45
1,1,2-Trichloroethane
Concen: 23.987 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

Tgt Ion: 97 Resp: 170989

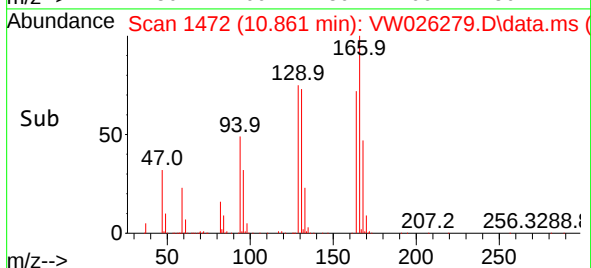
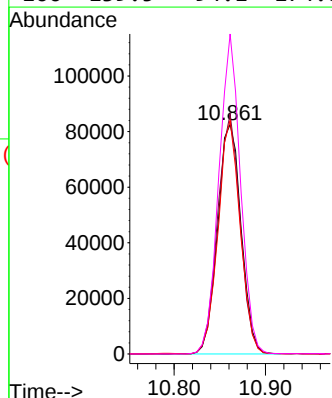
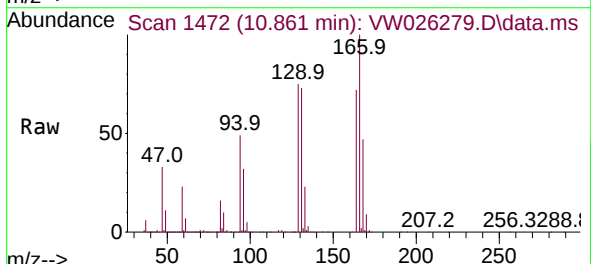
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.3	80.5
83	88.2	62.9	116.9
85	57.8	40.1	74.5

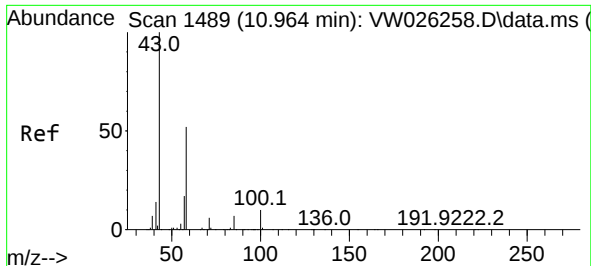


#46
Tetrachloroethene
Concen: 20.400 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

Tgt Ion: 164 Resp: 147542

Ion	Ratio	Lower	Upper
164	100		
129	104.6	68.5	127.1
131	101.7	67.1	124.7
166	139.5	94.1	174.8



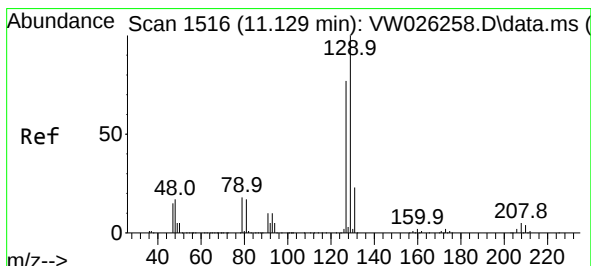
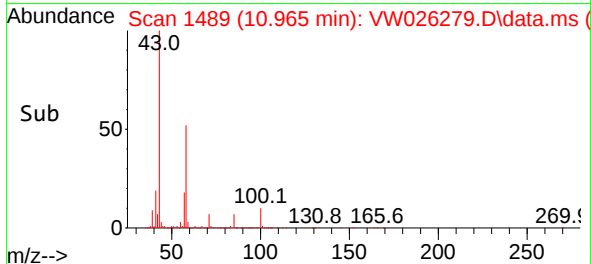
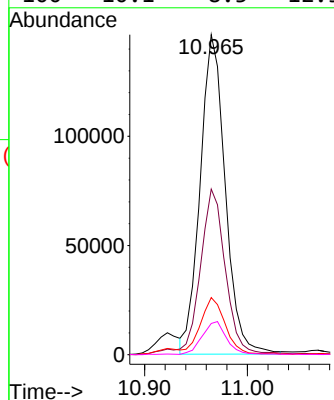
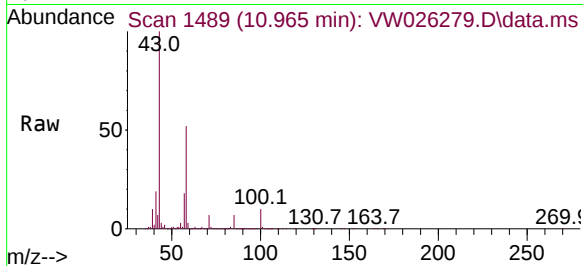


#48
2-Hexanone
Concen: 55.389 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

Tgt Ion: 43 Resp: 249036

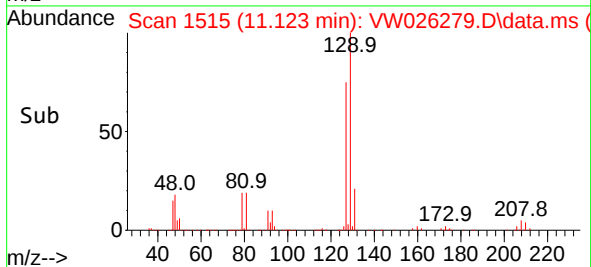
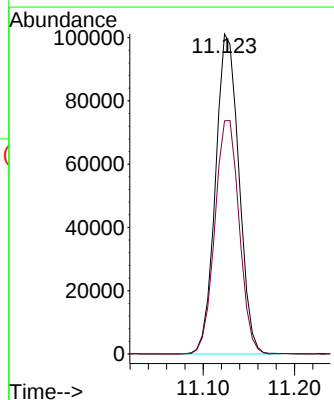
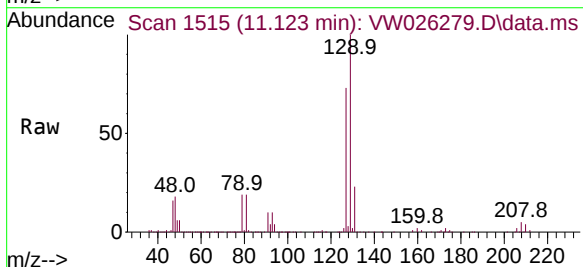
Ion	Ratio	Lower	Upper
43	100		
58	50.4	42.2	63.2
57	17.6	14.2	21.2
100	10.1	8.3	12.5

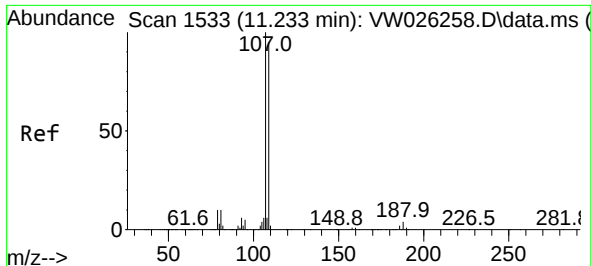


#49
Dibromochloromethane
Concen: 24.119 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

Tgt Ion: 129 Resp: 180254

Ion	Ratio	Lower	Upper
129	100		
127	72.9	56.9	105.7





#50

1,2-Dibromoethane

Concen: 23.682 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026279.D

Acq: 20 Jun 2023 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025526

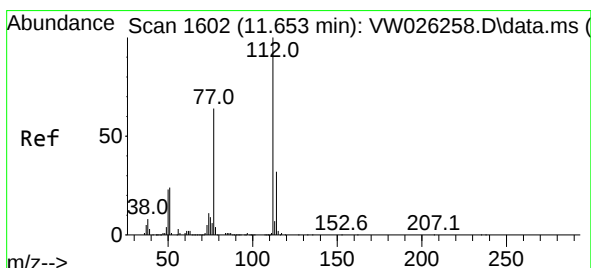
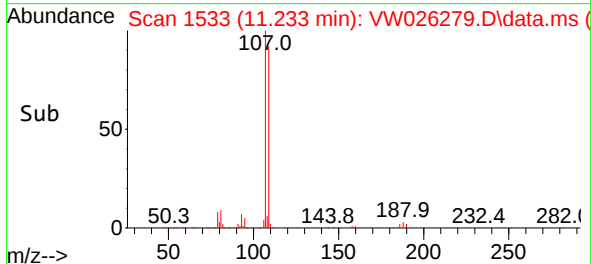
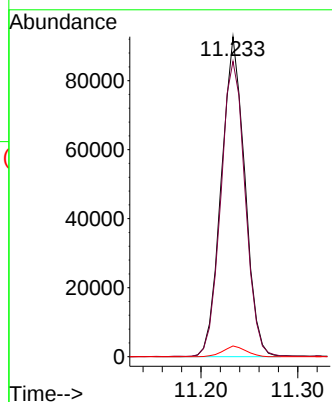
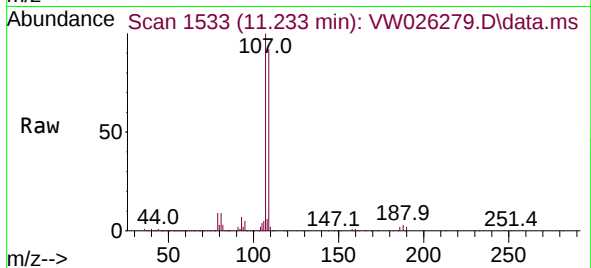
Tgt Ion:107 Resp: 156309

Ion Ratio Lower Upper

107 100

109 92.3 64.0 119.0

188 3.3 2.6 3.8



#51

Chlorobenzene

Concen: 22.509 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026279.D

Acq: 20 Jun 2023 18:56

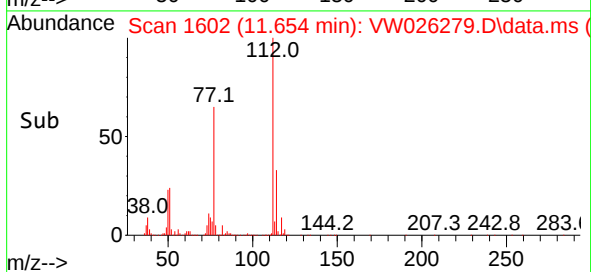
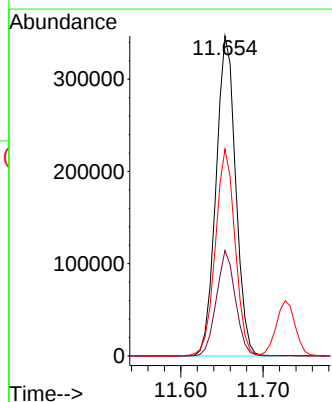
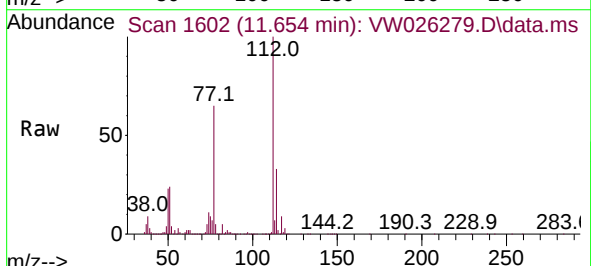
Tgt Ion:112 Resp: 576092

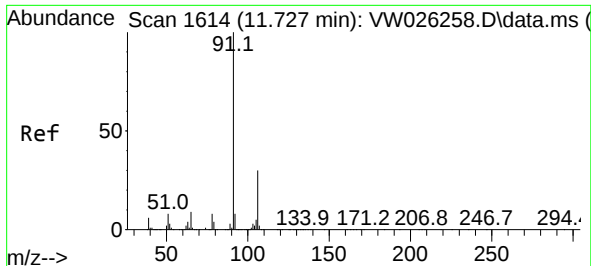
Ion Ratio Lower Upper

112 100

114 32.9 23.0 42.6

77 64.7 50.9 76.3

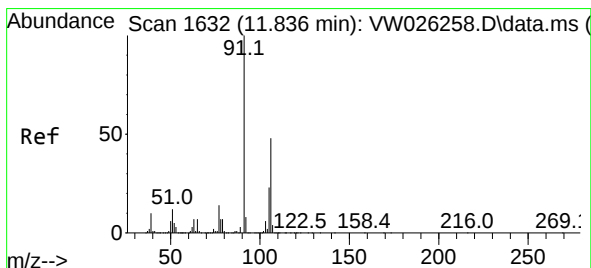
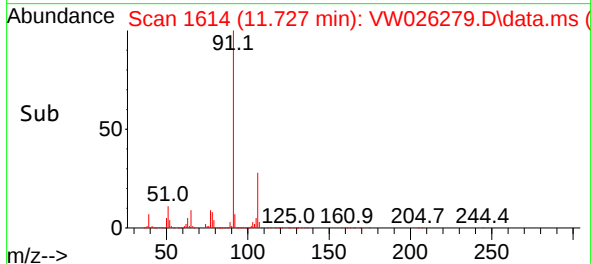
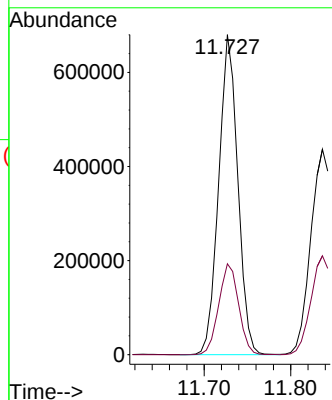
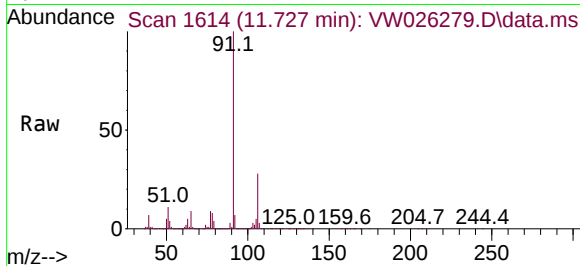




#52
Ethylbenzene
Concen: 22.603 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

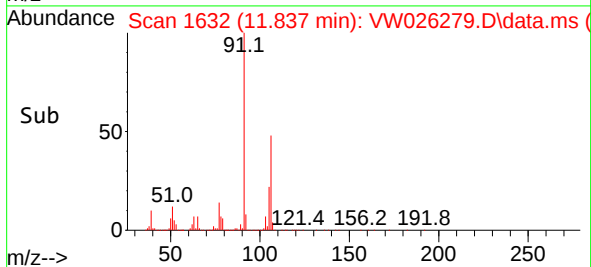
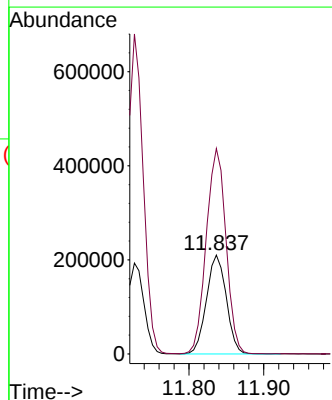
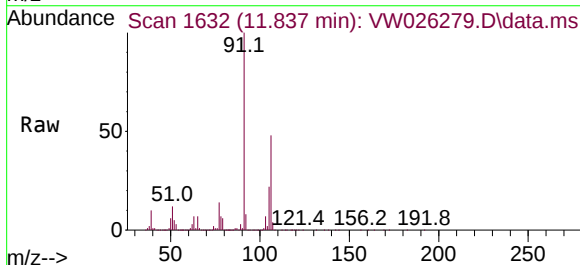
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

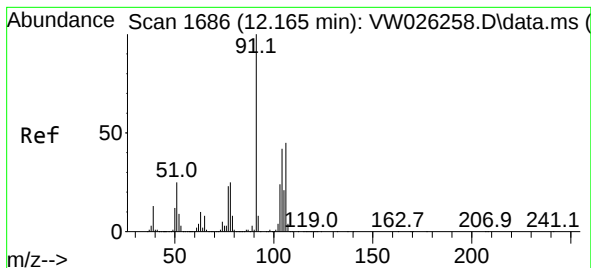
Tgt Ion: 91 Resp: 1041414
Ion Ratio Lower Upper
91 100
106 28.4 21.2 39.4



#53
m,p-Xylene
Concen: 22.630 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

Tgt Ion:106 Resp: 387873
Ion Ratio Lower Upper
106 100
91 207.8 149.5 277.7

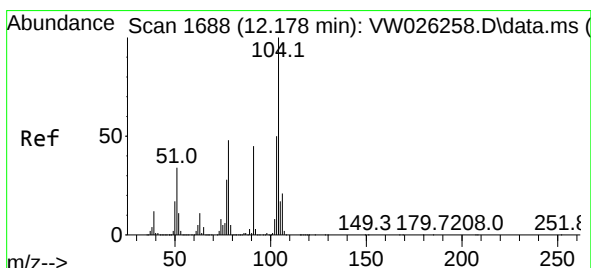
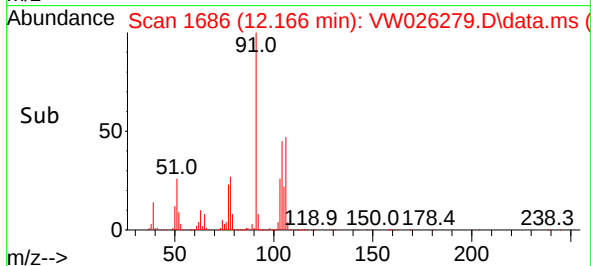
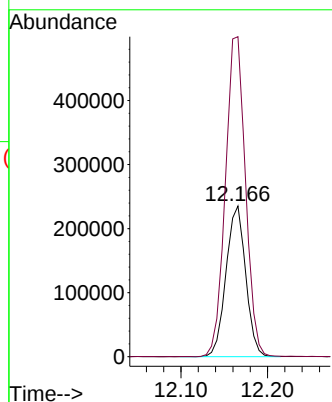
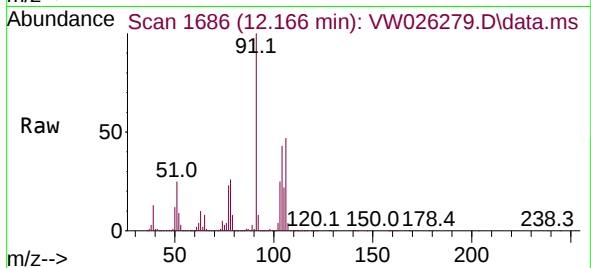




#54
o-Xylene
Concen: 22.927 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

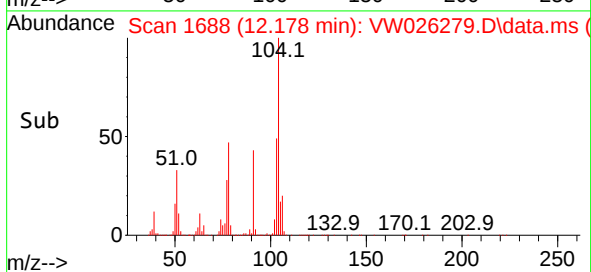
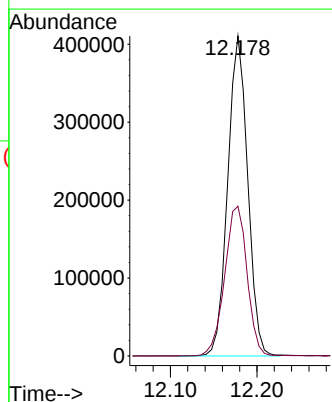
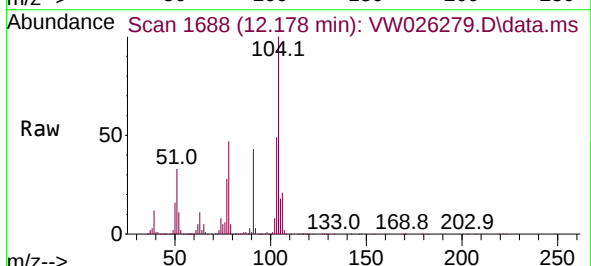
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

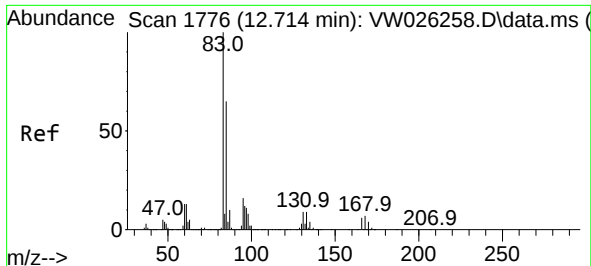
Tgt Ion:106 Resp: 370909
Ion Ratio Lower Upper
106 100
91 212.3 150.9 280.3



#55
Styrene
Concen: 23.684 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

Tgt Ion:104 Resp: 657330
Ion Ratio Lower Upper
104 100
78 46.8 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 25.889 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026279.D

Acq: 20 Jun 2023 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025526

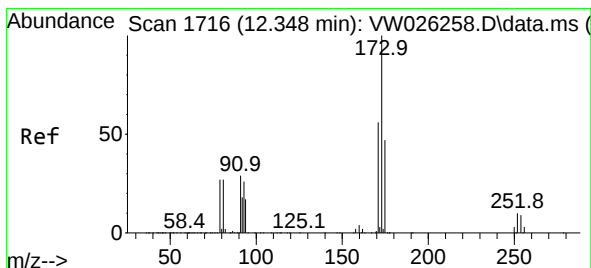
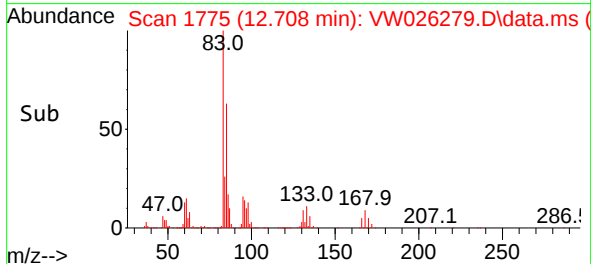
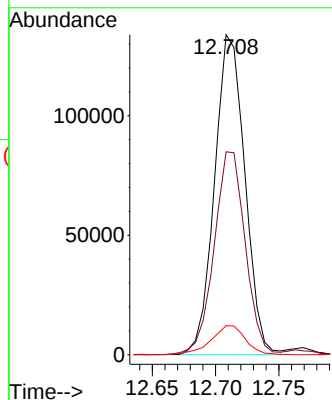
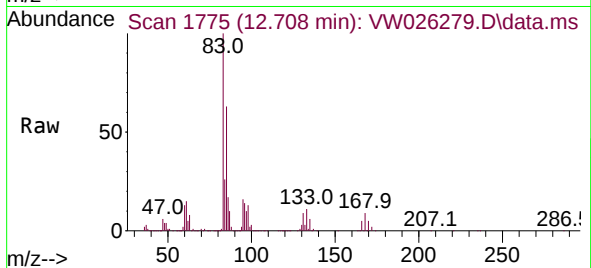
Tgt Ion: 83 Resp: 223337

Ion Ratio Lower Upper

83 100

85 63.4 42.6 79.0

131 9.0 7.2 10.8



#59

Bromoform

Concen: 21.800 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW026279.D

Acq: 20 Jun 2023 18:56

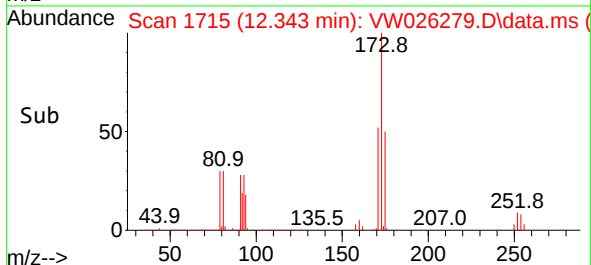
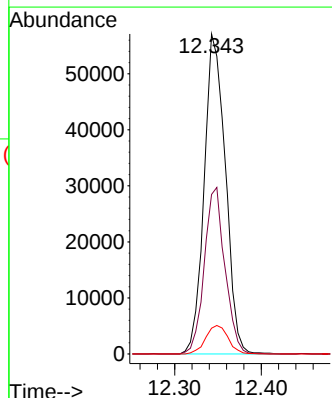
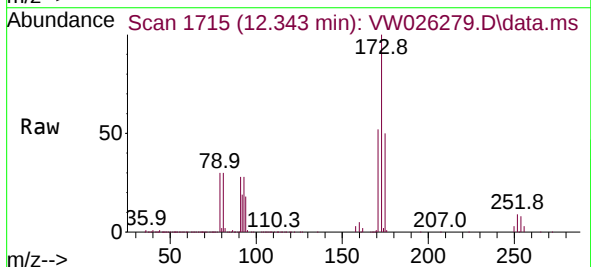
Tgt Ion: 173 Resp: 97230

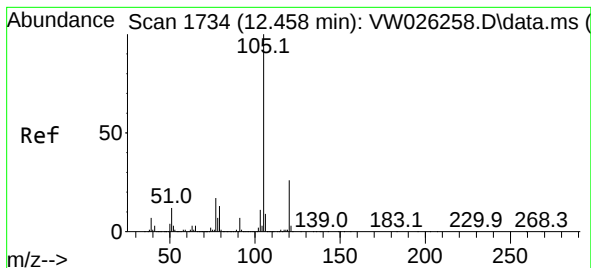
Ion Ratio Lower Upper

173 100

175 50.4 38.6 57.8

254 9.4 7.4 11.0





#60

Isopropylbenzene

Concen: 21.096 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026279.D

Acq: 20 Jun 2023 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025526

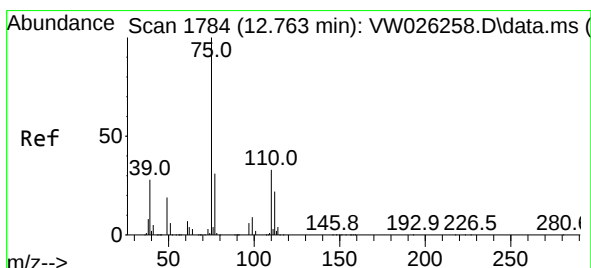
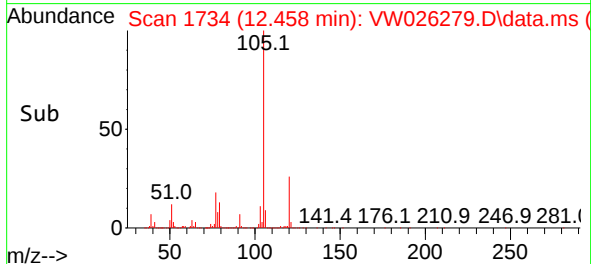
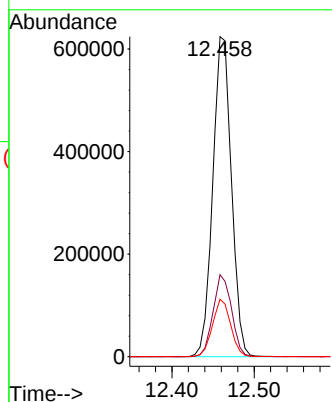
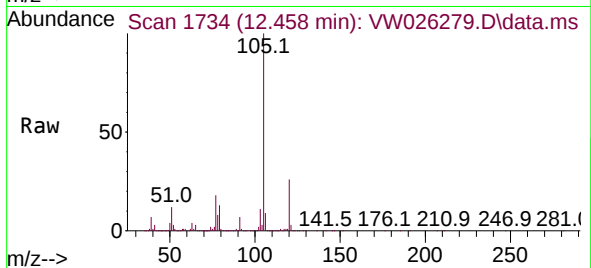
Tgt Ion:105 Resp: 984101

Ion Ratio Lower Upper

105 100

120 25.4 19.8 29.8

77 17.4 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 24.654 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026279.D

Acq: 20 Jun 2023 18:56

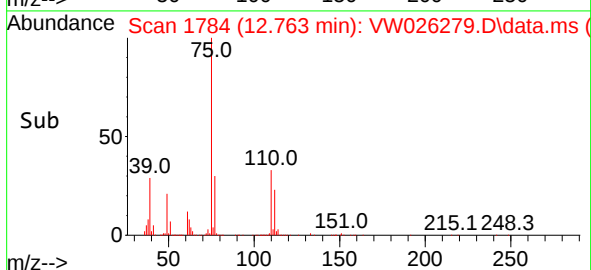
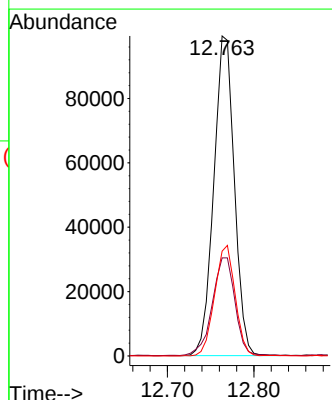
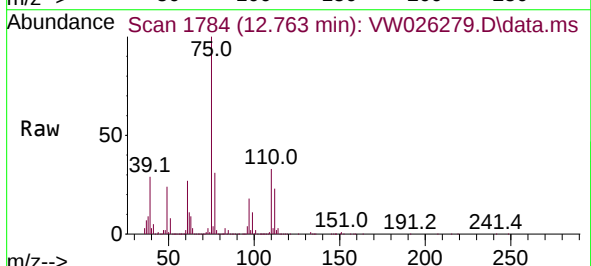
Tgt Ion: 75 Resp: 163992

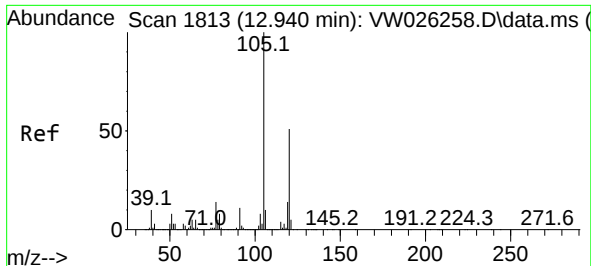
Ion Ratio Lower Upper

75 100

77 33.8 25.2 37.8

110 34.4 28.7 43.1

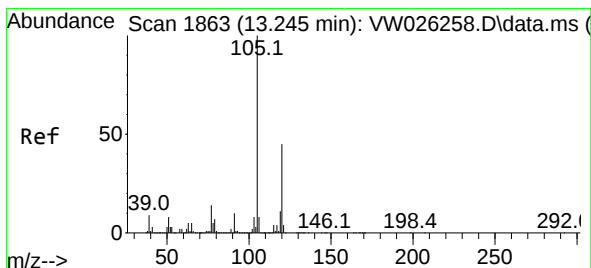
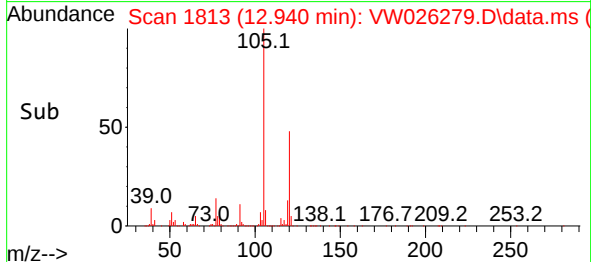
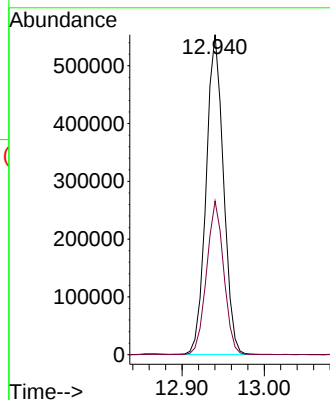
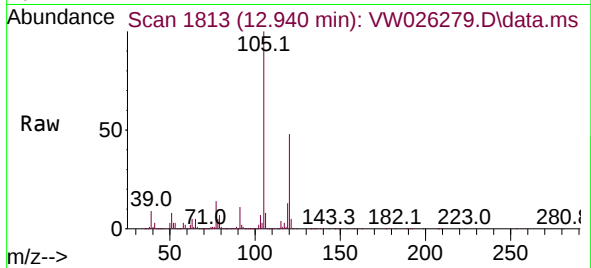




#62
1,3,5-Trimethylbenzene
Concen: 21.849 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

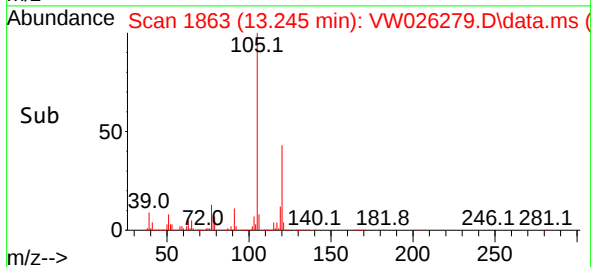
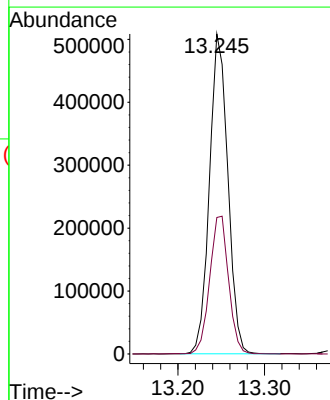
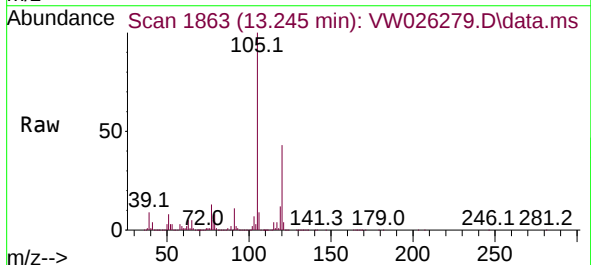
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

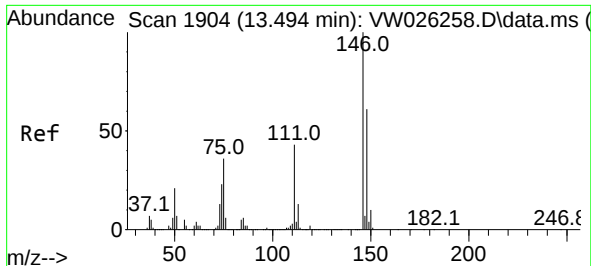
Tgt Ion:105 Resp: 810237
Ion Ratio Lower Upper
105 100
120 47.6 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 22.054 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

Tgt Ion:105 Resp: 749055
Ion Ratio Lower Upper
105 100
120 44.2 36.2 54.2

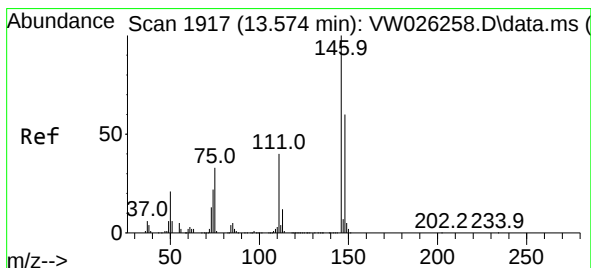
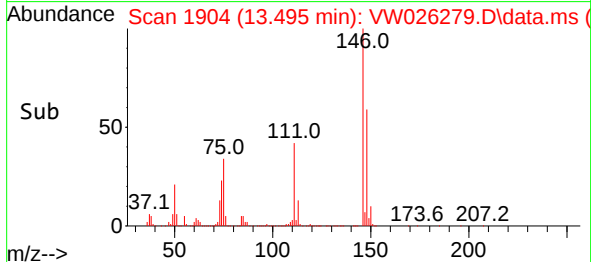
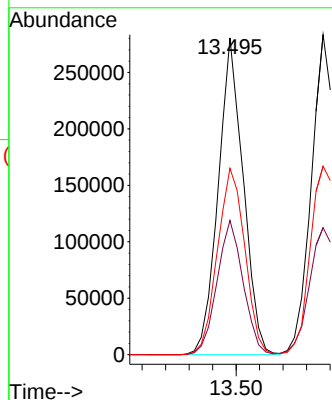
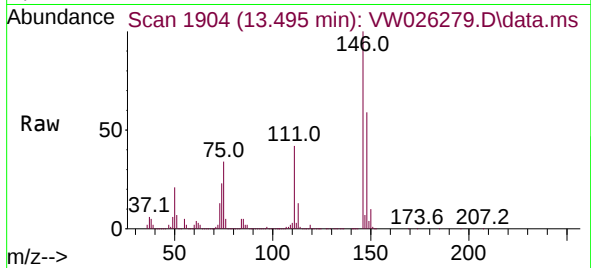




#64
1,3-Dichlorobenzene
Concen: 21.238 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

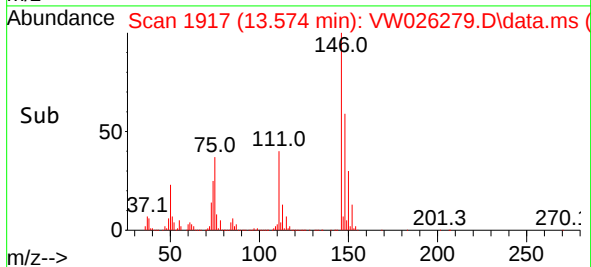
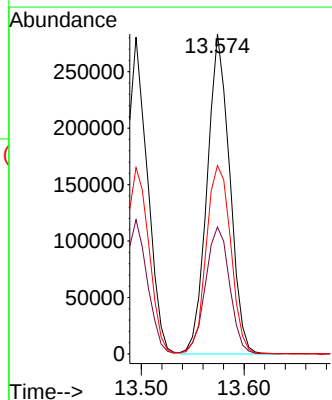
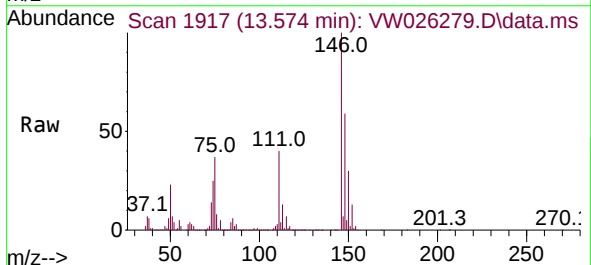
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

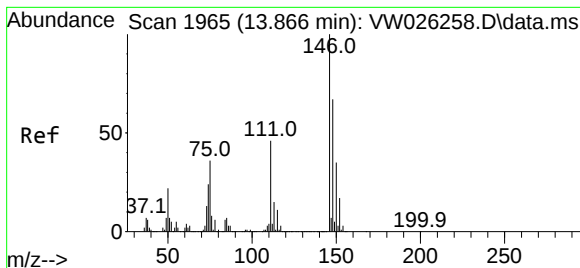
Tgt Ion:146 Resp: 416560
Ion Ratio Lower Upper
146 100
111 42.4 29.7 55.1
148 58.8 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 21.910 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

Tgt Ion:146 Resp: 432662
Ion Ratio Lower Upper
146 100
111 39.7 29.2 54.2
148 58.9 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 22.803 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026279.D

Acq: 20 Jun 2023 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025526

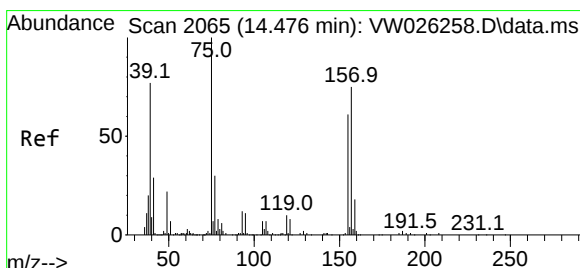
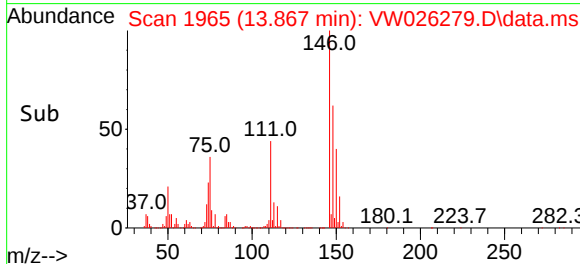
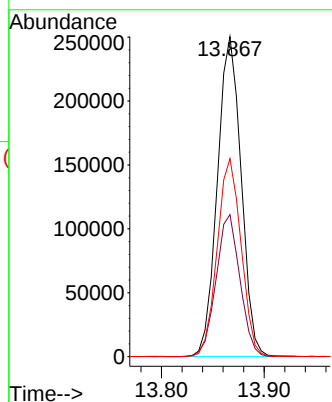
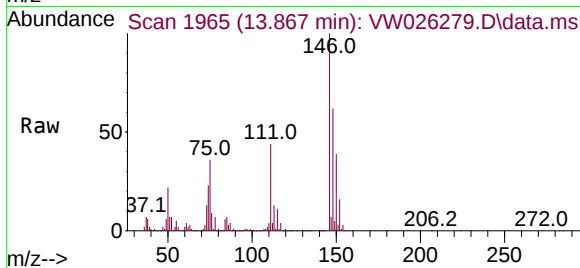
Tgt Ion:146 Resp: 401631

Ion Ratio Lower Upper

146 100

111 44.4 35.4 53.0

148 61.9 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 22.824 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW026279.D

Acq: 20 Jun 2023 18:56

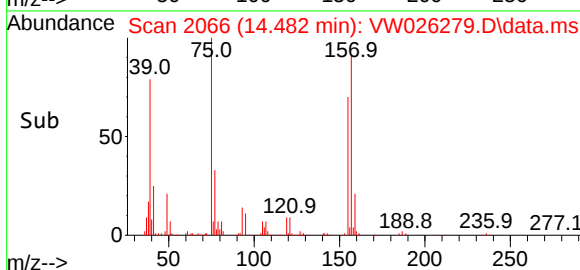
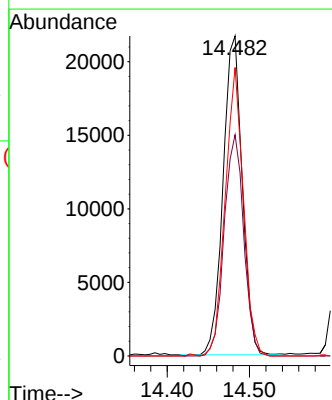
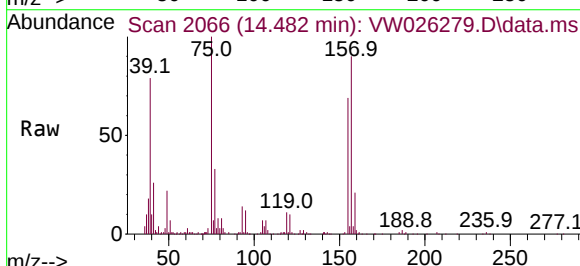
Tgt Ion: 75 Resp: 35173

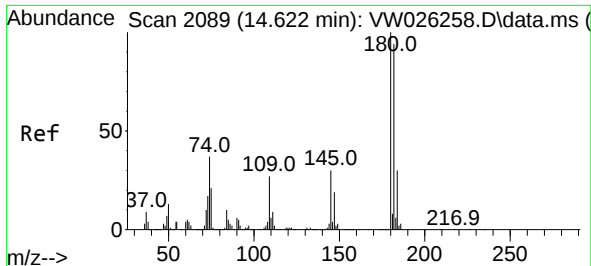
Ion Ratio Lower Upper

75 100

155 69.2 59.0 88.6

157 90.1 71.7 107.5

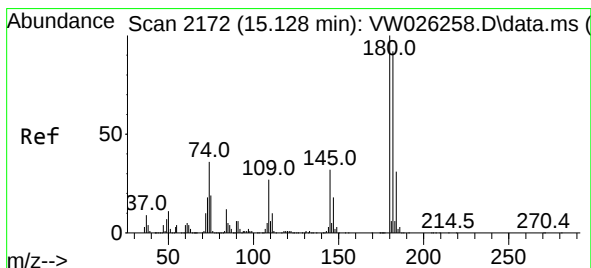
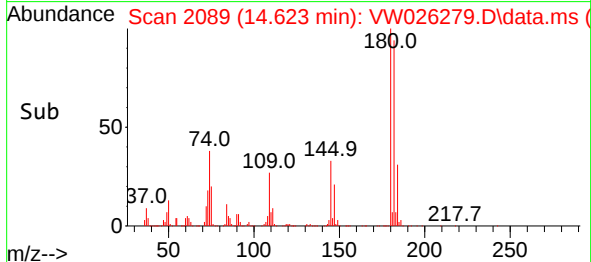
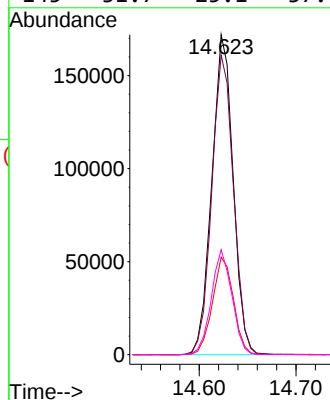
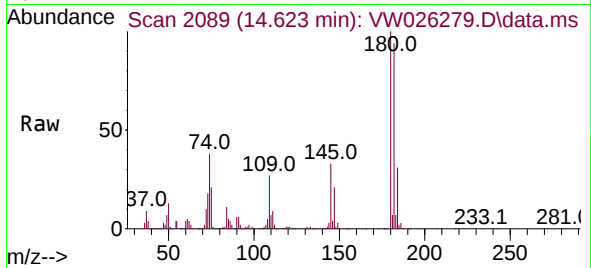




#69
1,3,5-Trichlorobenzene
Concen: 19.546 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

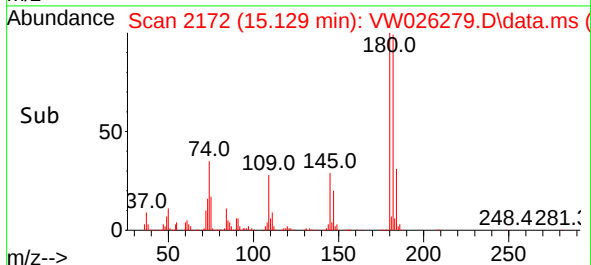
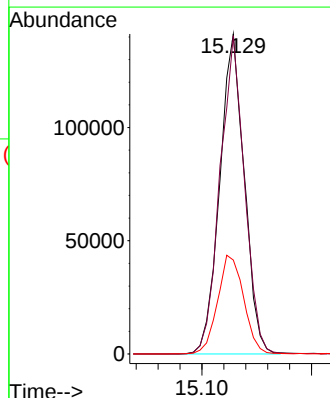
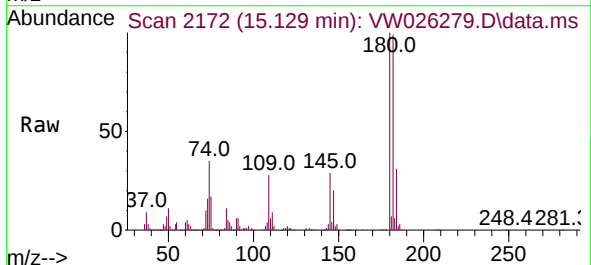
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

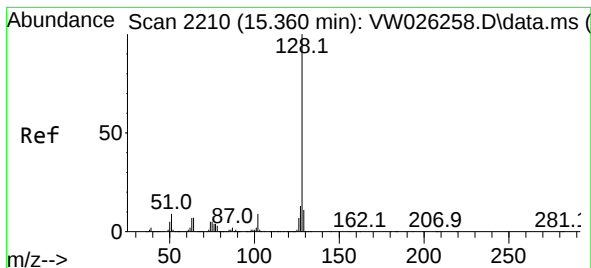
Tgt Ion:180	Resp:	263349	
Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.0	115.4
184	30.1	23.7	35.5
145	31.7	25.1	37.7



#70
1,2,4-trichlorobenzene
Concen: 19.786 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW026279.D
Acq: 20 Jun 2023 18:56

Tgt Ion:180	Resp:	219973	
Ion	Ratio	Lower	Upper
180	100		
182	98.9	78.9	118.3
145	32.8	27.2	40.8





#71

Naphthalene

Concen: 22.849 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026279.D

Acq: 20 Jun 2023 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025526

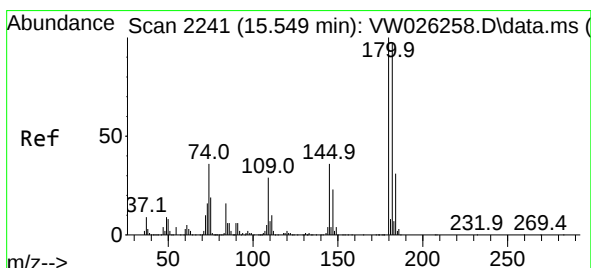
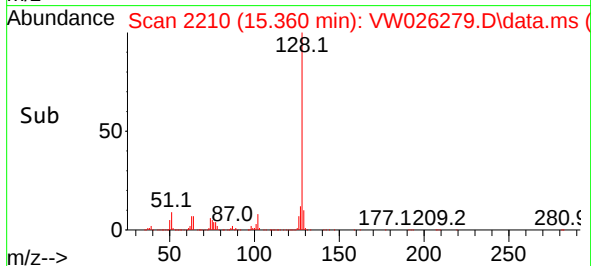
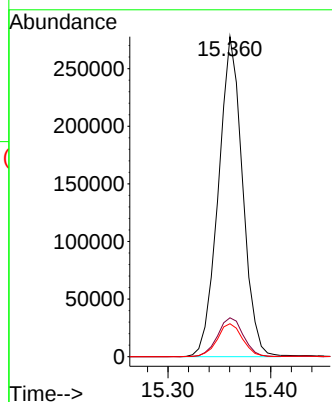
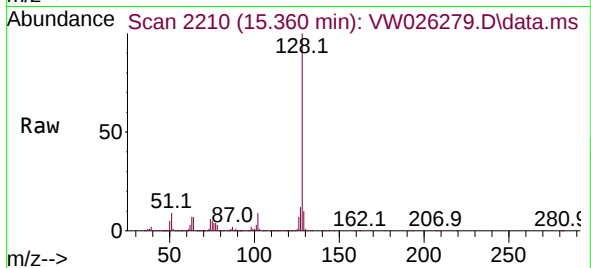
Tgt Ion:128 Resp: 452753

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 20.823 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026279.D

Acq: 20 Jun 2023 18:56

Tgt Ion:180 Resp: 202318

Ion Ratio Lower Upper

180 100

182 97.3 76.3 114.5

145 35.3 27.0 40.6

