

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060623\
 Data File : VW026118.D
 Acq On : 06 Jun 2023 19:37
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025507

Quant Time: Jun 07 01:10:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 07 01:06:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	704372	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	657422	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	314519	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	238364	24.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.240%
7) Chloroethane-d5	2.899	69	205467	27.700	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.800%
11) 1,1-Dichloroethene-d2	4.021	65	115515	23.642	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.560%
21) 2-Butanone-d5	7.075	46	161057	55.828	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.660%
24) Chloroform-d	7.648	84	508933	24.674	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.680%
26) 1,2-Dichloroethane-d4	8.307	65	282276	25.027	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.120%
32) Benzene-d6	8.276	84	1036664	23.434	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.720%
36) 1,2-Dichloropropane-d6	9.270	67	332584	23.731	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.920%
41) Toluene-d8	10.318	98	923032	23.528	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.120%
43) trans-1,3-Dichloroprop...	10.575	79	122341	22.029	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.120%
47) 2-Hexanone-d5	10.922	63	115383	52.214	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	251940	24.704	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	271461	22.550	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	193858	22.451	ug/L	98
3) Chloromethane	2.228	50	290977	26.281	ug/L	97
5) Vinyl chloride	2.375	62	287626	24.304	ug/L	98
6) Bromomethane	2.783	94	163960	25.414	ug/L	99
8) Chloroethane	2.930	64	173427	27.118	ug/L	96
9) Trichlorofluoromethane	3.265	101	181614	23.854	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	224254	23.342	ug/L	99
12) 1,1-Dichloroethene	4.045	96	215563	24.037	ug/L	99
13) Acetone	4.118	43	104845	46.969	ug/L	100
14) Carbon disulfide	4.393	76	744897	23.529	ug/L	99
15) Methyl Acetate	4.667	43	135918	27.130	ug/L	99
16) Methylene chloride	4.917	84	246655	21.940	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	240310	23.883	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	386441	24.368	ug/L	99
19) 1,1-Dichloroethane	6.216	63	506739	24.738	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	267924	25.138	ug/L	98
22) 2-Butanone	7.167	43	168589	52.945	ug/L	99
23) Bromochloromethane	7.520	128	113552	24.982	ug/L	96
25) Chloroform	7.673	83	467550	24.505	ug/L	99

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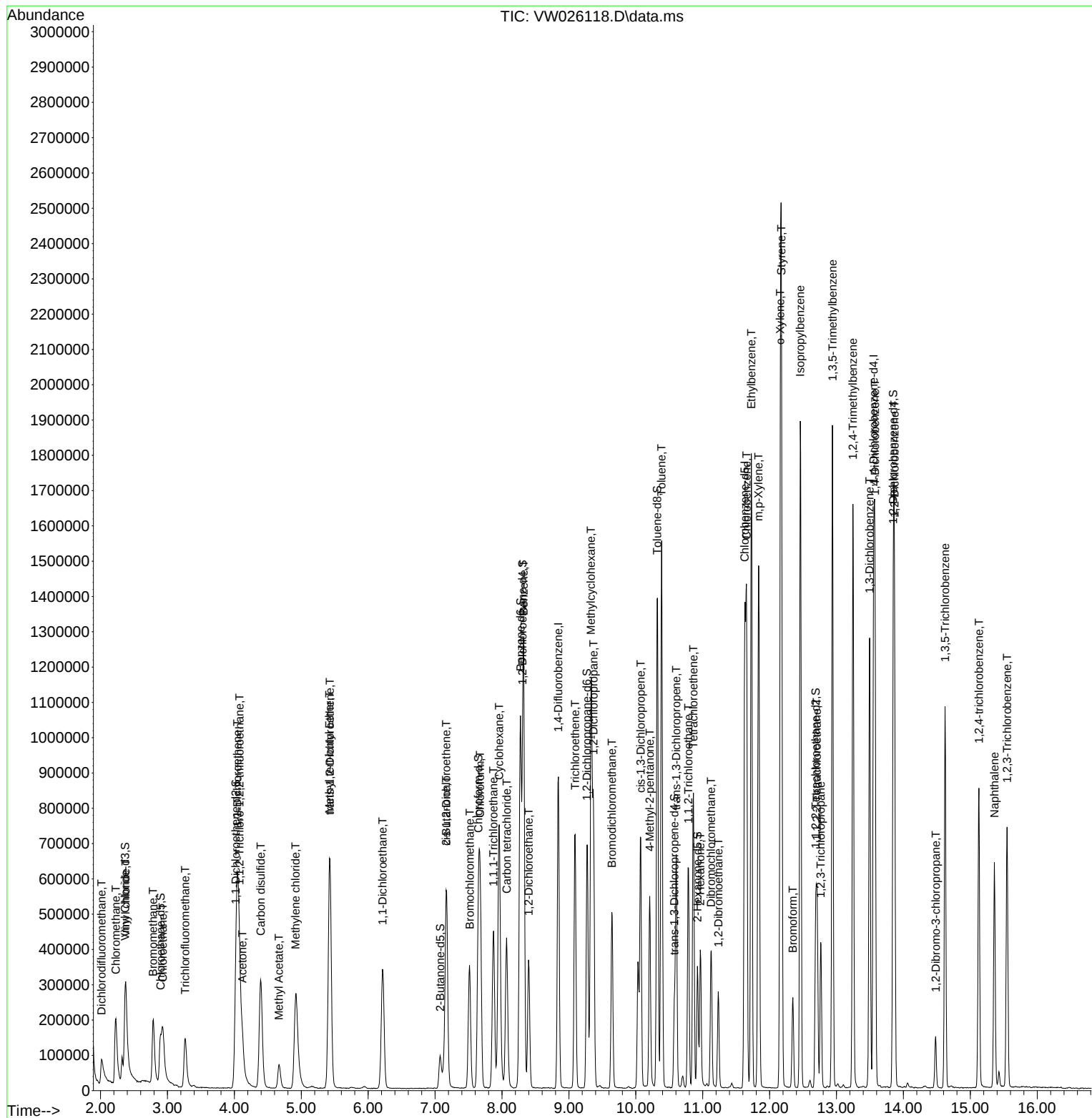
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	330345	25.104	ug/L	98
29) Cyclohexane	7.959	56	450364	22.189	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	356600	22.352	ug/L	100
31) Carbon tetrachloride	8.069	117	321053	22.053	ug/L	99
33) Benzene	8.325	78	1063257	23.609	ug/L	100
34) Trichloroethene	9.093	95	262703	22.780	ug/L	97
35) Methylcyclohexane	9.331	83	448784	21.993	ug/L	99
37) 1,2-Dichloropropane	9.367	63	289335	23.720	ug/L	100
38) Bromodichloromethane	9.642	83	332847	23.487	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	414234	23.108	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	378822	52.676	ug/L	100
42) Toluene	10.386	91	1083708	23.527	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	345970	23.167	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	193868	24.115	ug/L	96
46) Tetrachloroethene	10.861	164	177483	21.759	ug/L	95
48) 2-Hexanone	10.965	43	265292	52.318	ug/L	98
49) Dibromochloromethane	11.123	129	205078	24.331	ug/L	90
50) 1,2-Dibromoethane	11.233	107	178056	23.920	ug/L	99
51) Chlorobenzene	11.654	112	669138	23.182	ug/L	99
52) Ethylbenzene	11.727	91	1218791	23.455	ug/L	98
53) m,p-Xylene	11.836	106	450549	23.308	ug/L	96
54) o-Xylene	12.160	106	429665	23.550	ug/L	100
55) Styrene	12.178	104	742554	23.723	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	239953	24.663	ug/L	96
59) Bromoform	12.349	173	111791	23.665	ug/L	99
60) Isopropylbenzene	12.458	105	1168208	23.644	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	174039	24.703	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	927699	23.619	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	843255	23.440	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	467725	22.514	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	481869	23.039	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	442166	23.702	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	38205	23.406	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	310716	21.773	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	240546	20.428	ug/L	99
71) Naphthalene	15.360	128	494099	23.543	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	229912	22.341	ug/L	96

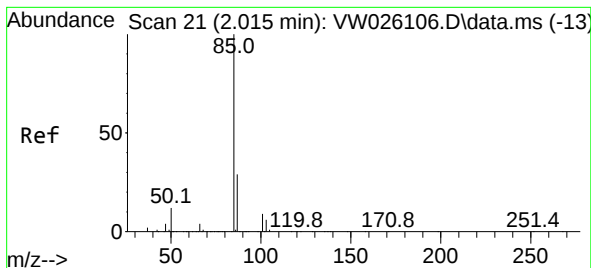
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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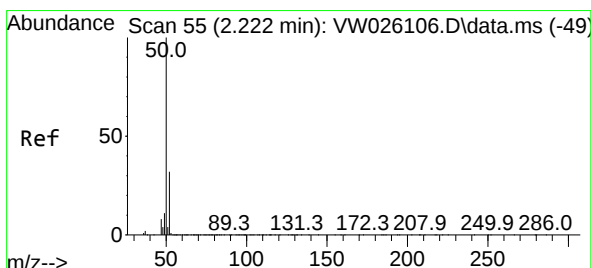
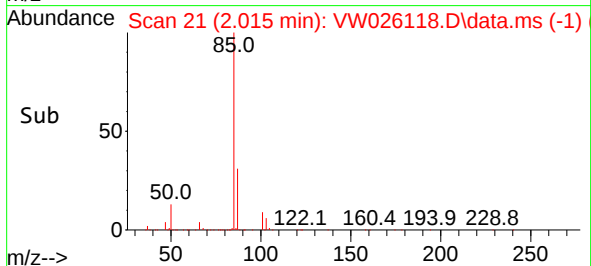
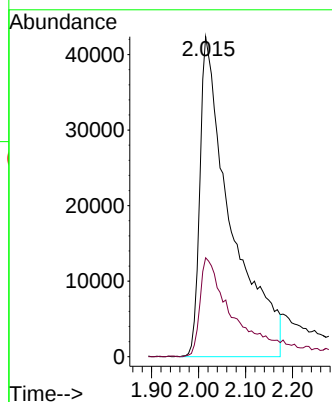
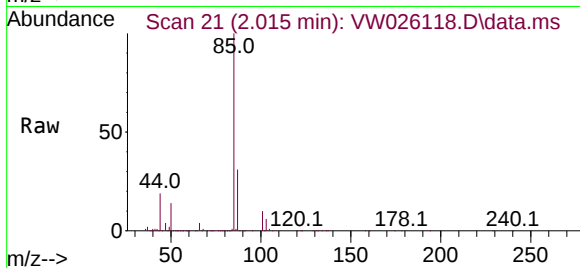




#2
 Dichlorodifluoromethane
 Concen: 22.451 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026118.D
 Acq: 06 Jun 2023 19:37

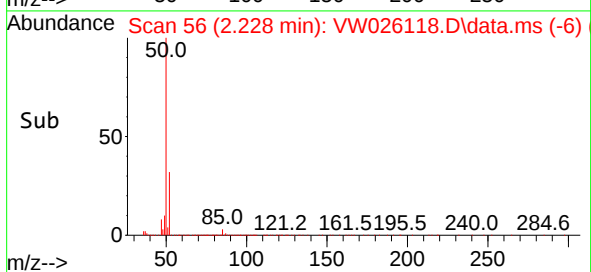
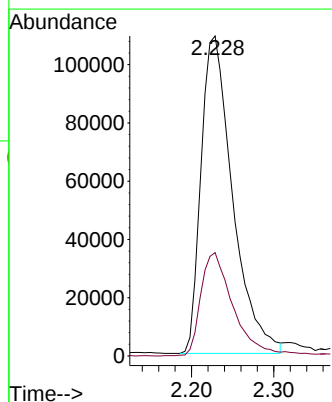
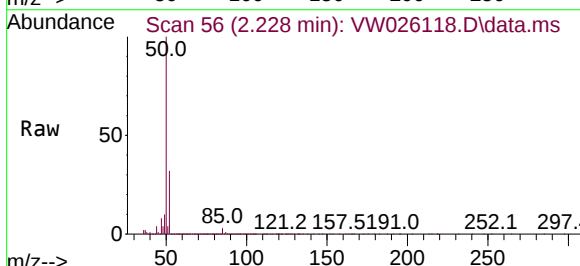
Instrument :
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 ClientSampleId :
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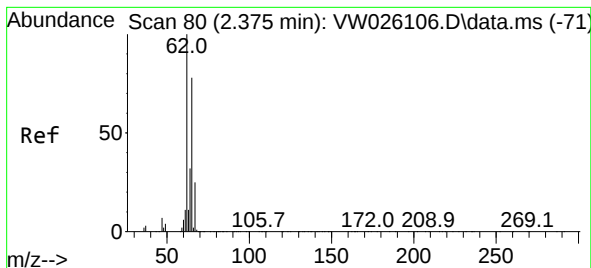
Tgt Ion: 85 Resp: 193858
 Ion Ratio Lower Upper
 85 100
 87 28.6 22.2 33.2



#3
 Chloromethane
 Concen: 26.281 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW026118.D
 Acq: 06 Jun 2023 19:37

Tgt Ion: 50 Resp: 290977
 Ion Ratio Lower Upper
 50 100
 52 32.3 21.3 39.6





#5

Vinyl chloride

Concen: 24.304 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

Instrument :

MSVOA_W

ClientSampleId :

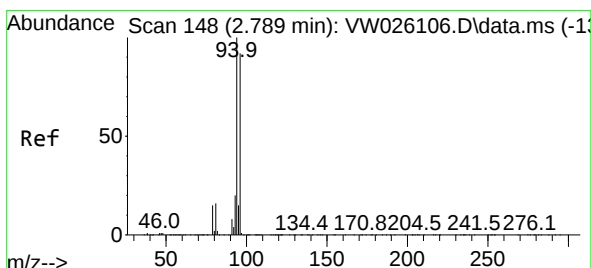
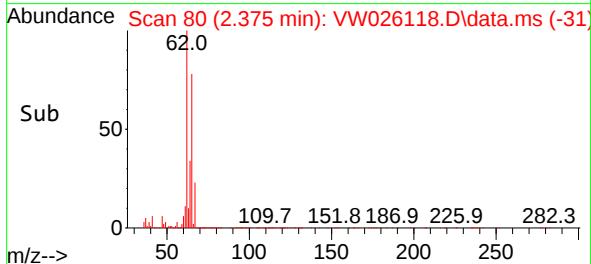
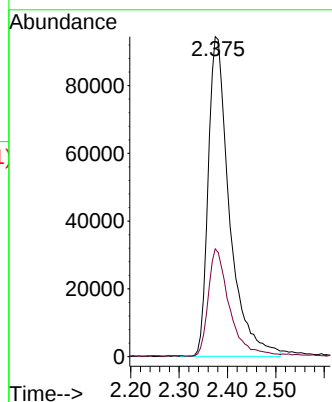
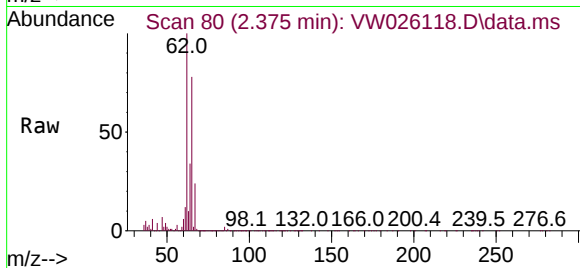
VSTD025507

Tgt Ion: 62 Resp: 287626

Ion Ratio Lower Upper

62 100

64 33.7 22.7 42.1



#6

Bromomethane

Concen: 25.414 ug/L

RT: 2.783 min Scan# 147

Delta R.T. -0.006 min

Lab File: VW026118.D

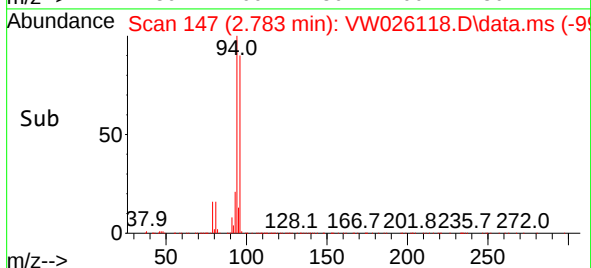
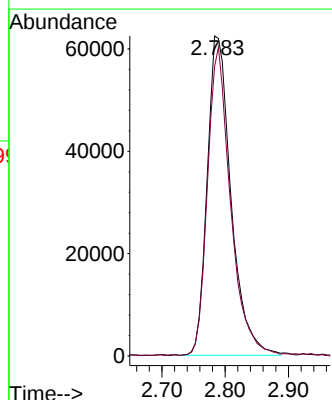
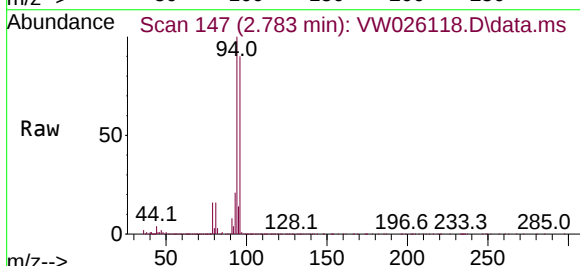
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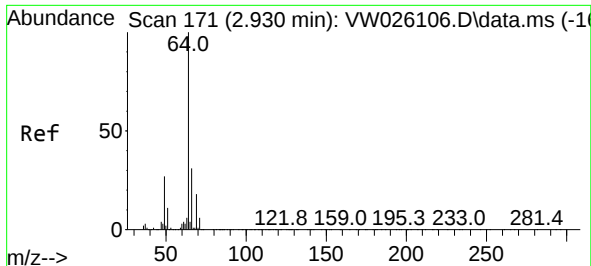
Tgt Ion: 94 Resp: 163960

Ion Ratio Lower Upper

94 100

96 90.4 64.2 119.2

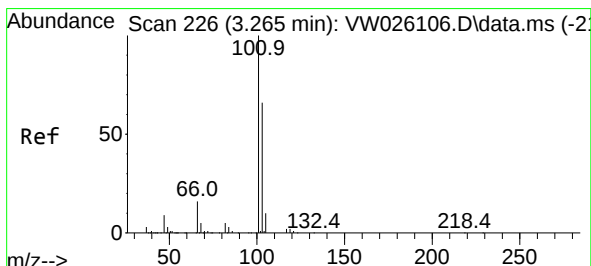
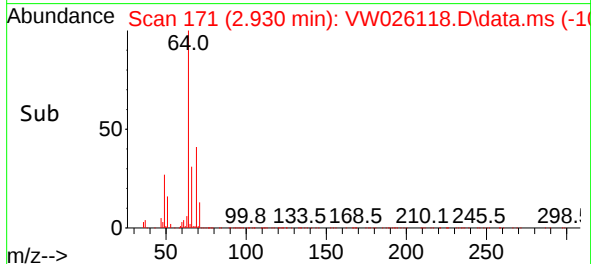
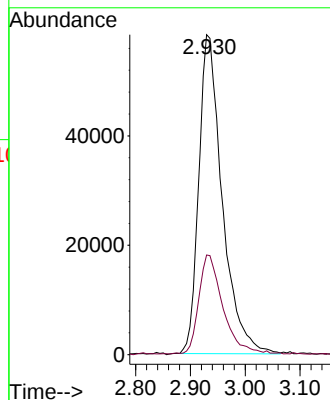
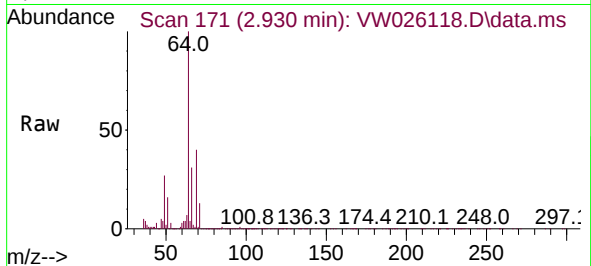




#8
Chloroethane
Concen: 27.118 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW026118.D
Acq: 06 Jun 2023 19:37

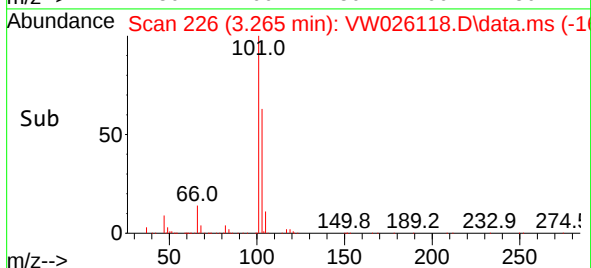
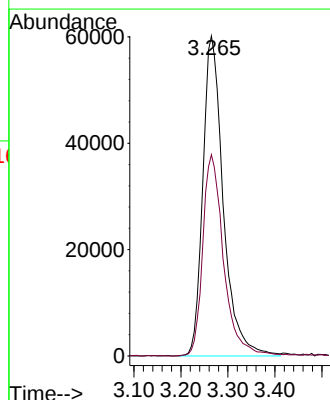
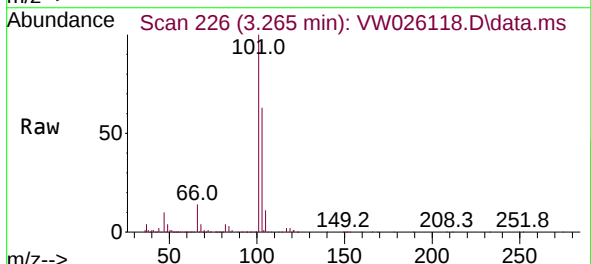
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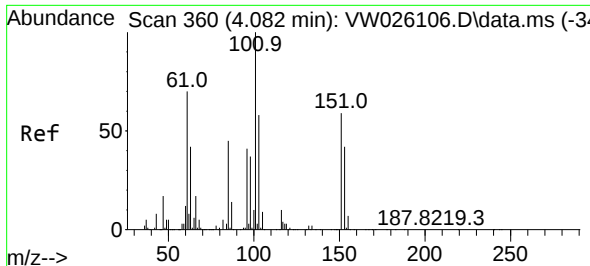
Tgt Ion: 64 Resp: 173427
Ion Ratio Lower Upper
64 100
66 31.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 23.854 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026118.D
Acq: 06 Jun 2023 19:37

Tgt Ion: 101 Resp: 181614
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4



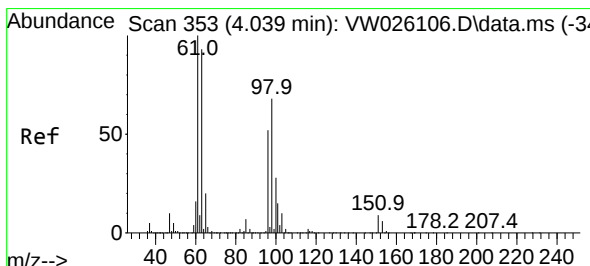
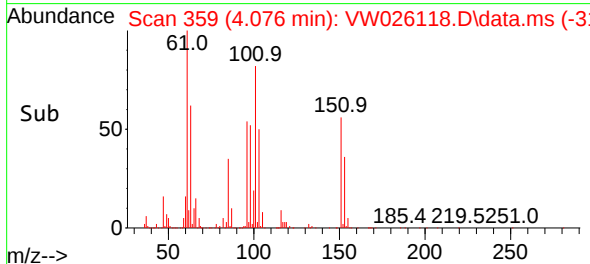
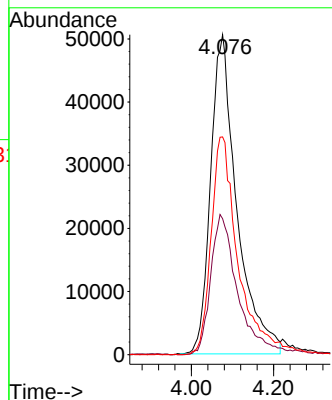
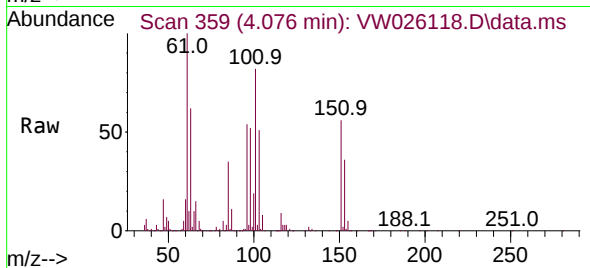


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.342 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW026118.D
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Instrument :
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 ClientSampleId :
 VSTD025507

Tgt Ion: 101 Resp: 224254

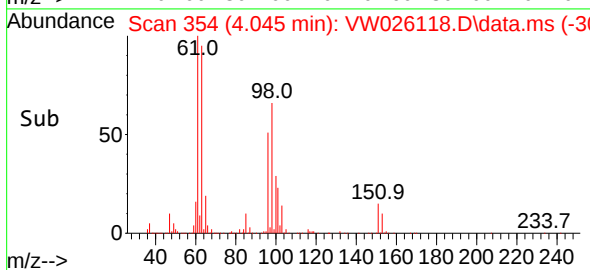
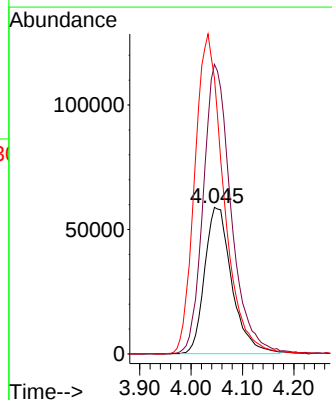
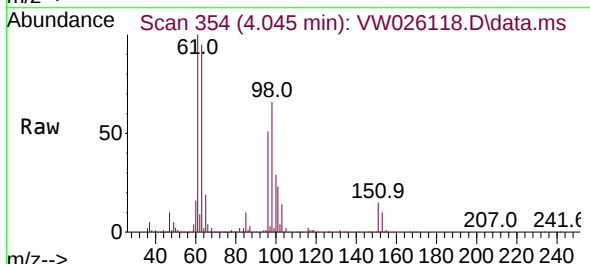
Ion	Ratio	Lower	Upper
101	100		
85	44.6	36.1	54.1
151	68.3	55.1	82.7

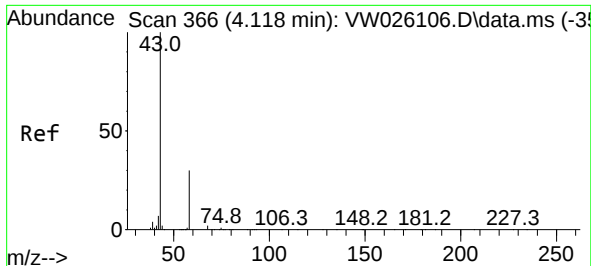


#12
 1,1-Dichloroethene
 Concen: 24.037 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW026118.D
 Acq: 06 Jun 2023 19:37

Tgt Ion: 96 Resp: 215563

Ion	Ratio	Lower	Upper
96	100		
61	197.6	140.6	261.0
63	188.5	131.7	244.5

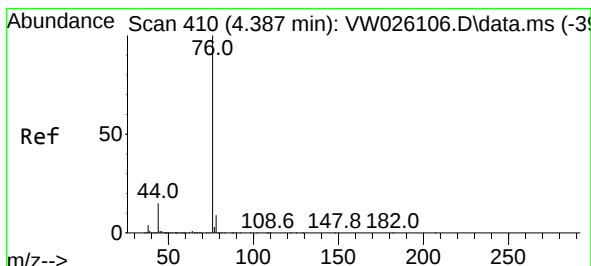
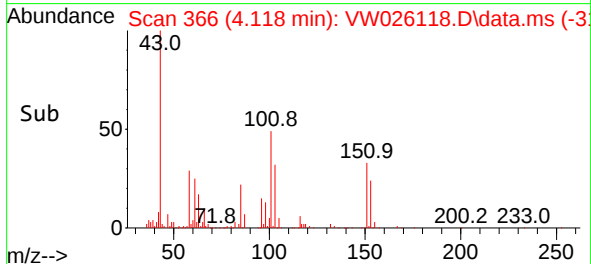
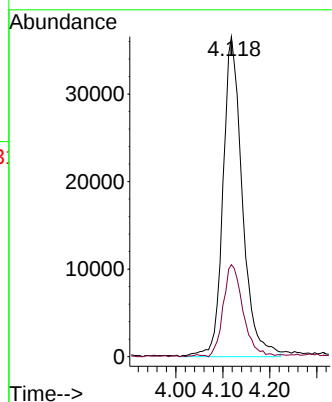
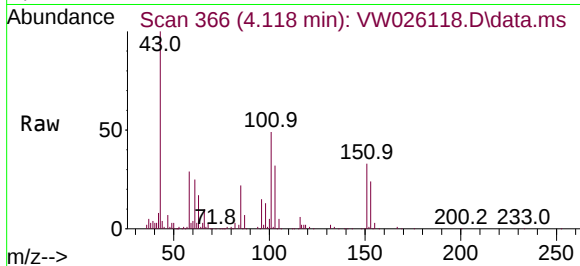




#13
Acetone
Concen: 46.969 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
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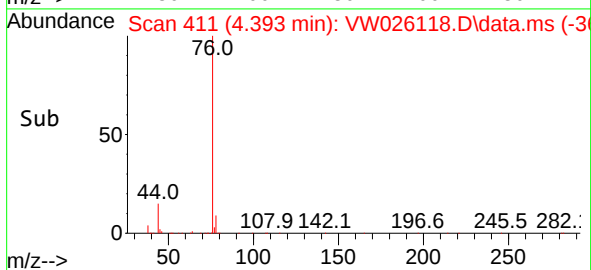
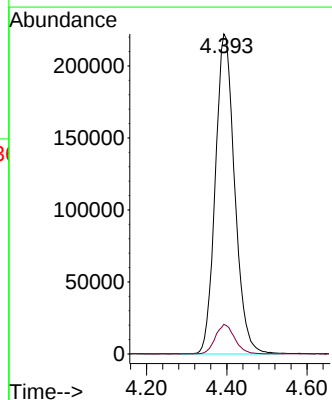
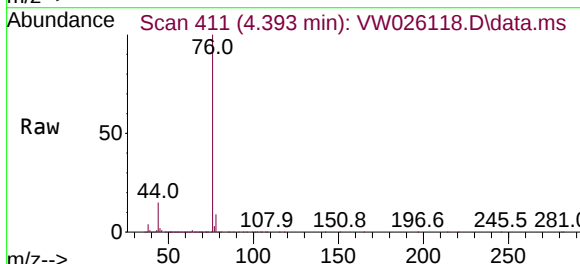
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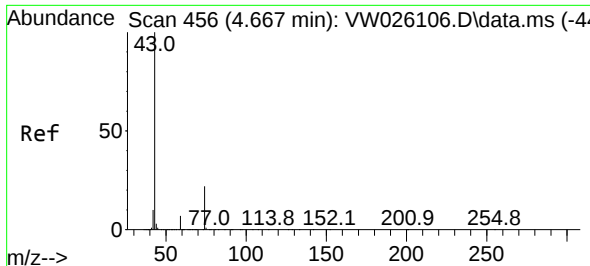
Tgt Ion: 43 Resp: 104845
Ion Ratio Lower Upper
43 100
58 29.0 0.0 58.2



#14
Carbon disulfide
Concen: 23.529 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW026118.D
Acq: 06 Jun 2023 19:37

Tgt Ion: 76 Resp: 744897
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

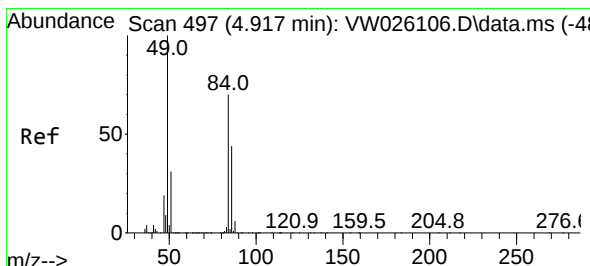
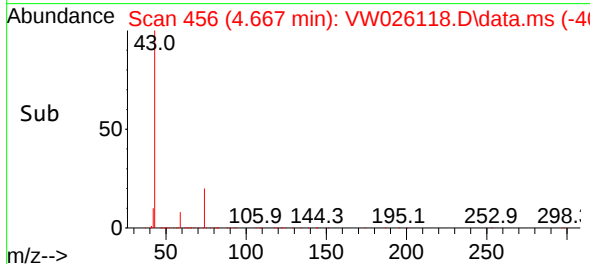
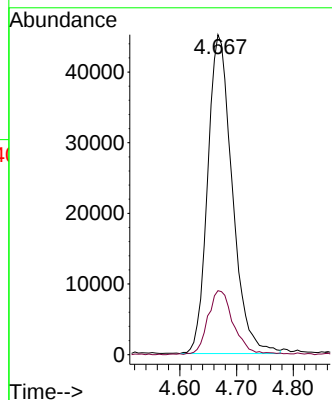
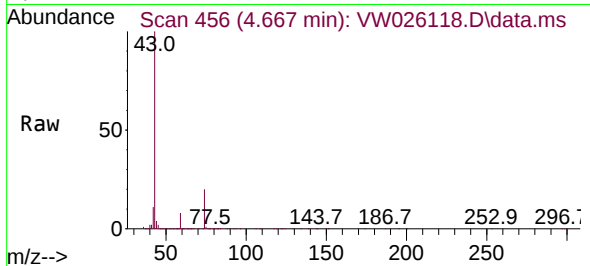




#15
Methyl Acetate
Concen: 27.130 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW026118.D
Acq: 06 Jun 2023 19:37

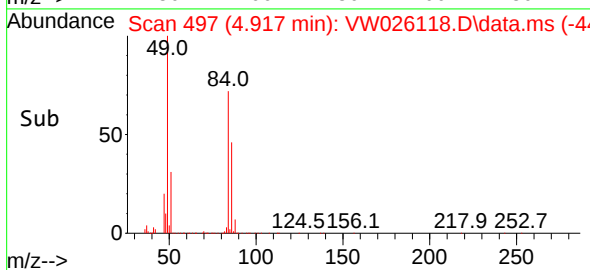
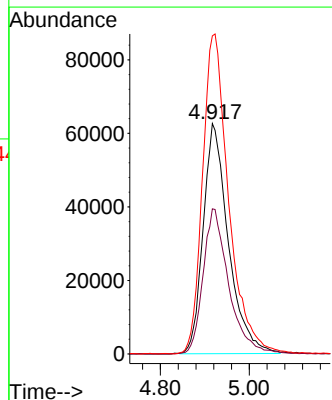
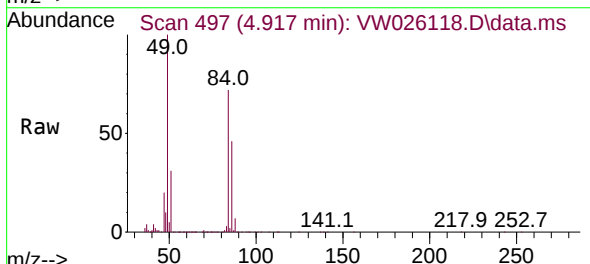
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

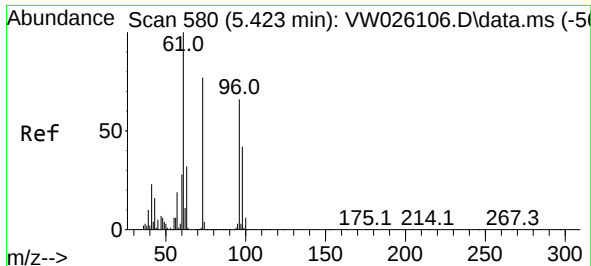
Tgt Ion: 43 Resp: 135918
Ion Ratio Lower Upper
43 100
74 20.4 16.6 25.0



#16
Methylene chloride
Concen: 21.940 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW026118.D
Acq: 06 Jun 2023 19:37

Tgt Ion: 84 Resp: 246655
Ion Ratio Lower Upper
84 100
86 63.0 44.2 82.0
49 138.1 98.8 183.6

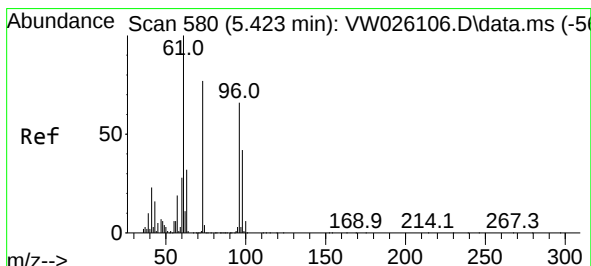
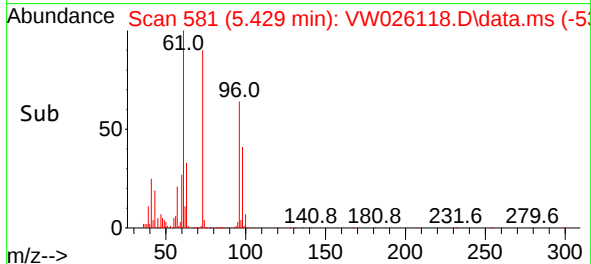
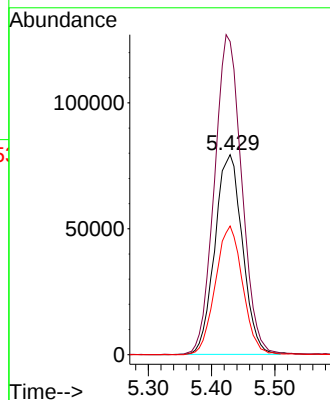
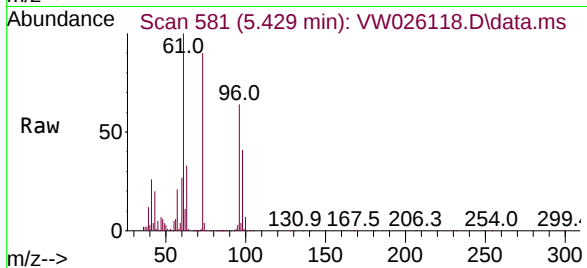




#17
trans-1,2-Dichloroethene
Concen: 23.883 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026118.D
Acq: 06 Jun 2023 19:37

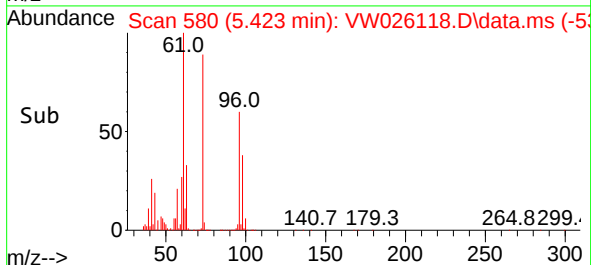
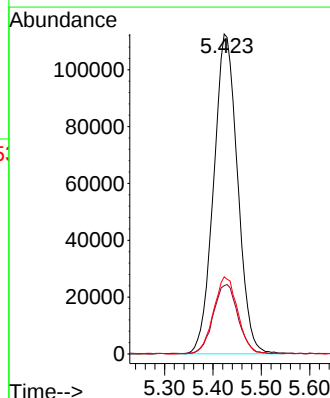
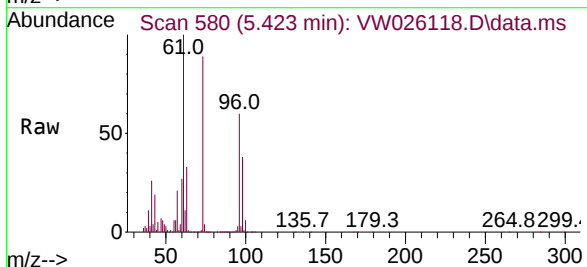
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

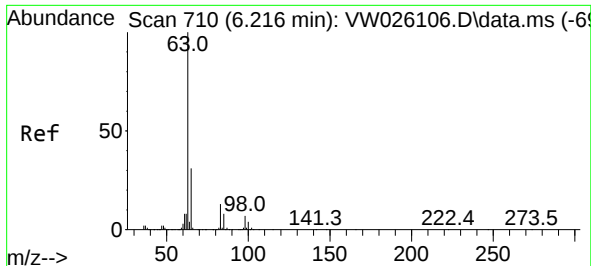
Tgt Ion: 96 Resp: 240310
Ion Ratio Lower Upper
96 100
61 156.6 113.0 209.8
98 64.3 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 24.368 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026118.D
Acq: 06 Jun 2023 19:37

Tgt Ion: 73 Resp: 386441
Ion Ratio Lower Upper
73 100
43 22.1 17.8 26.6
57 24.3 18.9 28.3





#19

1,1-Dichloroethane

Concen: 24.738 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD025507

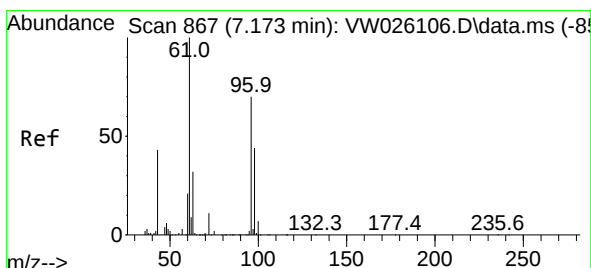
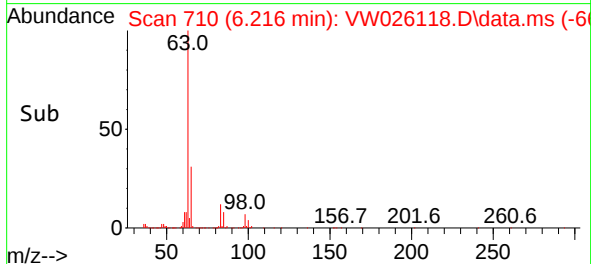
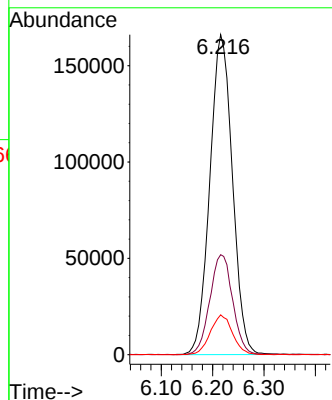
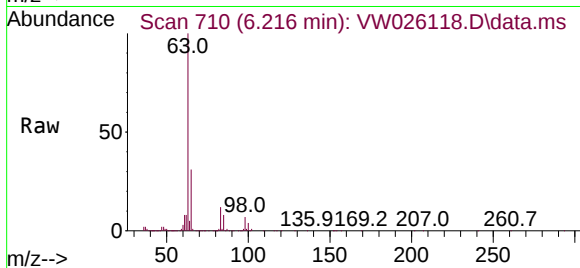
Tgt Ion: 63 Resp: 506739

Ion Ratio Lower Upper

63 100

65 31.3 22.3 41.5

83 12.5 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 25.138 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

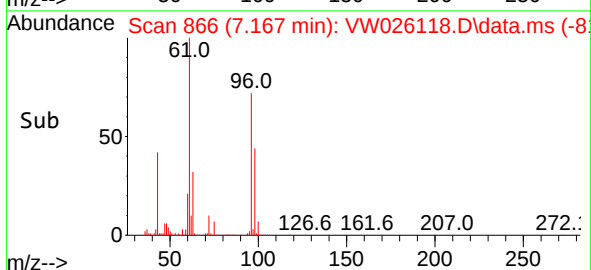
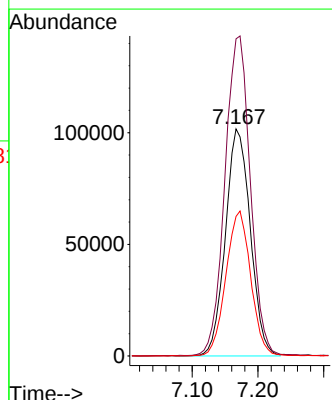
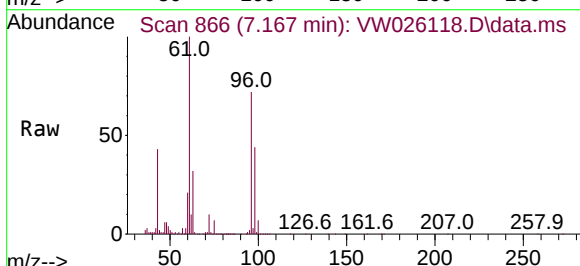
Tgt Ion: 96 Resp: 267924

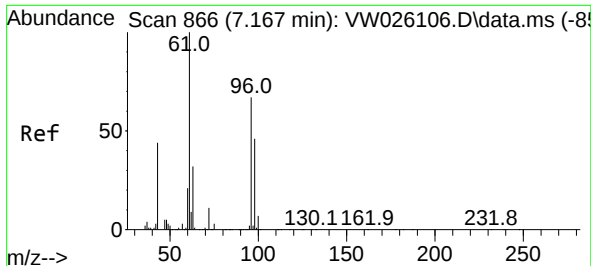
Ion Ratio Lower Upper

96 100

61 139.7 98.4 182.8

98 61.4 45.2 84.0

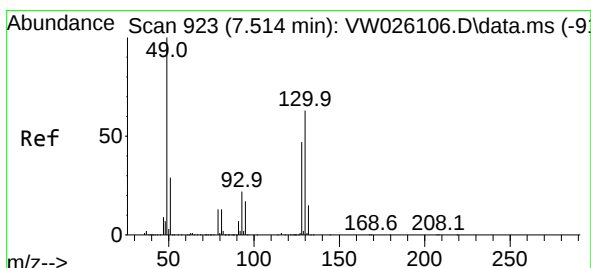
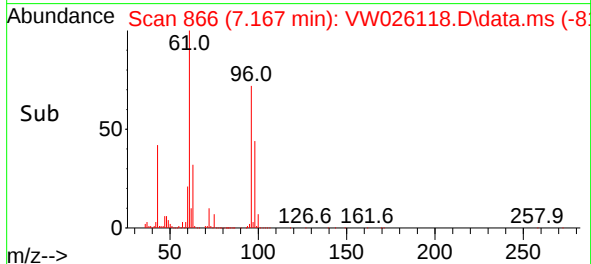
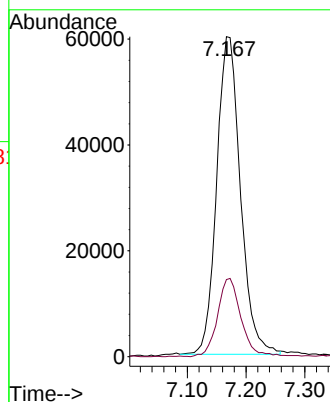
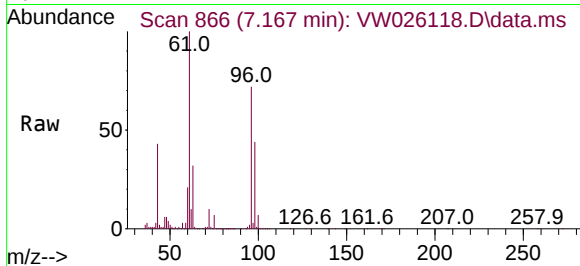




#22
2-Butanone
Concen: 52.945 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW026118.D
Acq: 06 Jun 2023 19:37

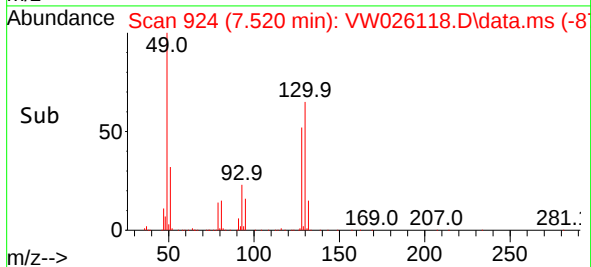
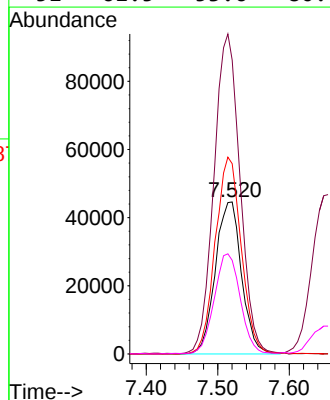
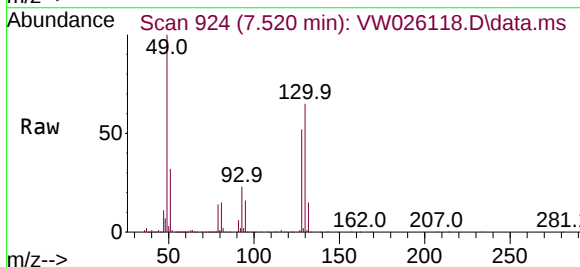
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

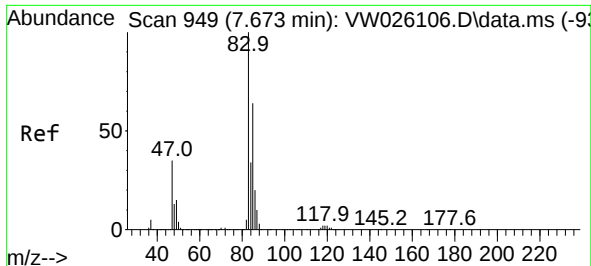
Tgt Ion: 43 Resp: 168589
Ion Ratio Lower Upper
43 100
72 24.4 12.4 37.4



#23
Bromochloromethane
Concen: 24.982 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW026118.D
Acq: 06 Jun 2023 19:37

Tgt Ion: 128 Resp: 113552
Ion Ratio Lower Upper
128 100
49 193.3 140.6 261.0
130 125.2 86.0 159.6
51 61.5 53.6 80.4

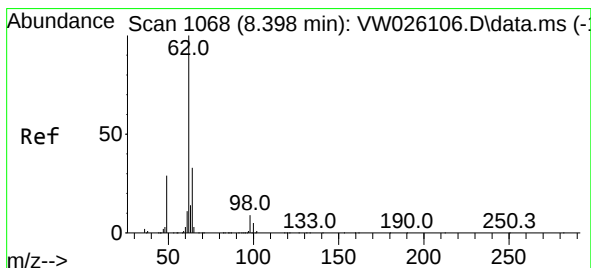
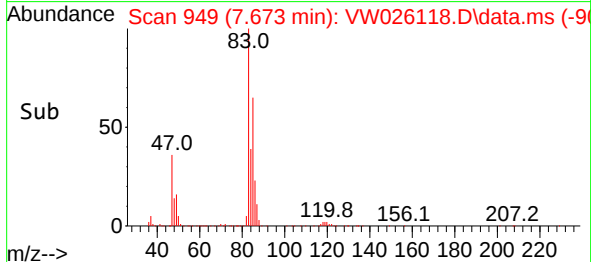
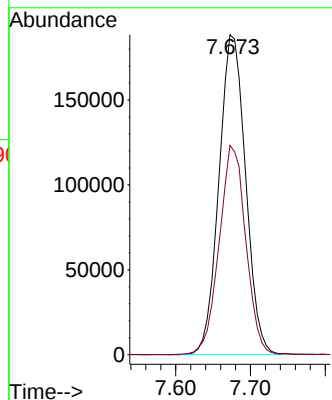
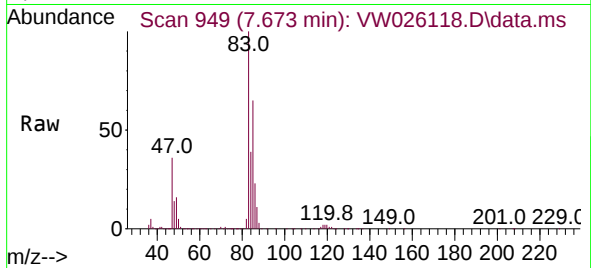




#25
Chloroform
Concen: 24.505 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW026118.D
Acq: 06 Jun 2023 19:37

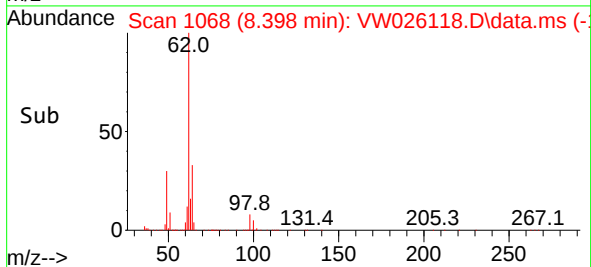
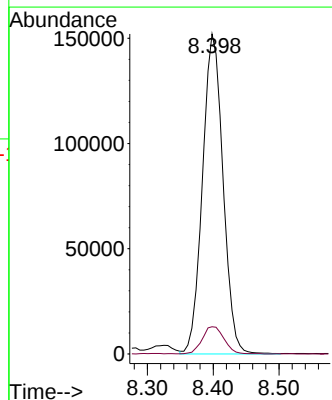
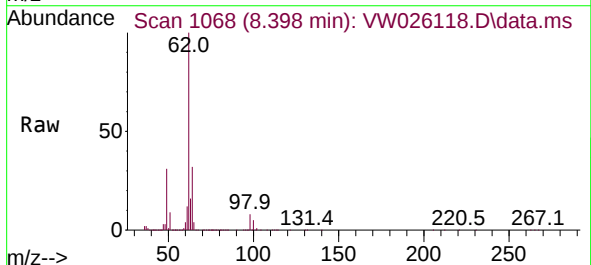
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

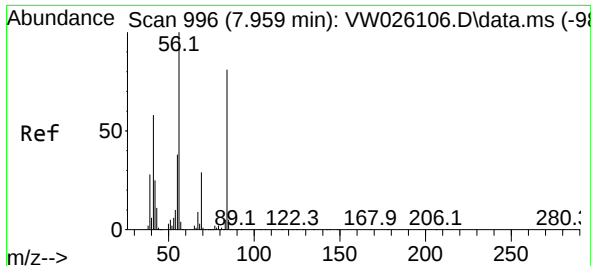
Tgt Ion: 83 Resp: 467550
Ion Ratio Lower Upper
83 100
85 65.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 25.104 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026118.D
Acq: 06 Jun 2023 19:37

Tgt Ion: 62 Resp: 330345
Ion Ratio Lower Upper
62 100
98 8.5 7.4 11.2





#29

Cyclohexane

Concen: 22.189 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD025507

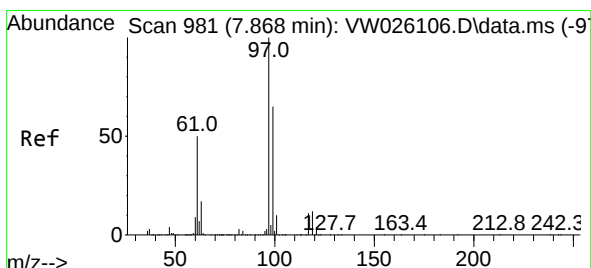
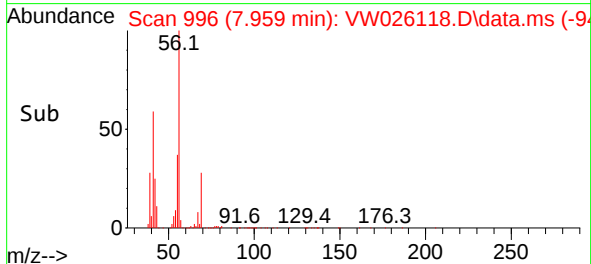
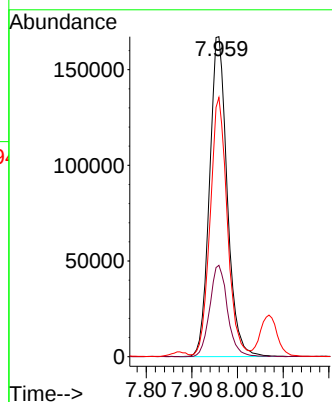
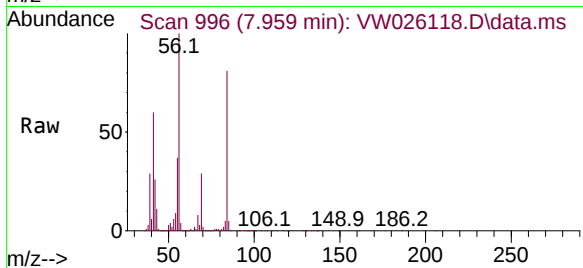
Tgt Ion: 56 Resp: 450364

Ion Ratio Lower Upper

56 100

69 28.7 23.3 34.9

84 78.6 63.0 94.6



#30

1,1,1-Trichloroethane

Concen: 22.352 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

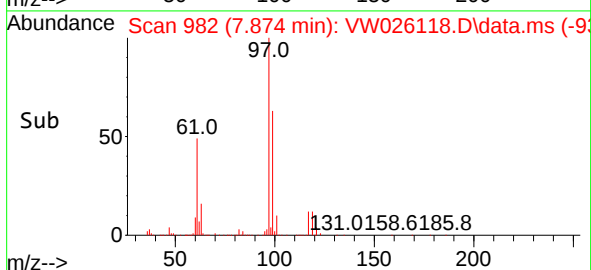
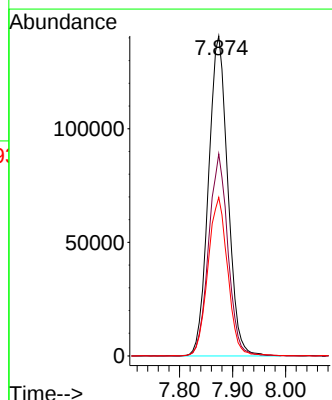
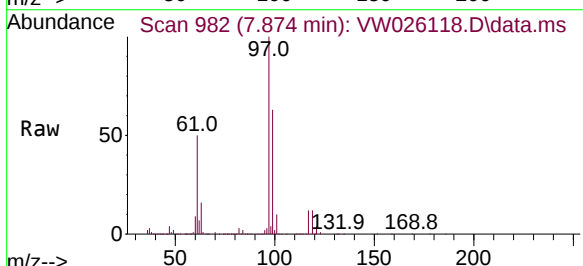
Tgt Ion: 97 Resp: 356600

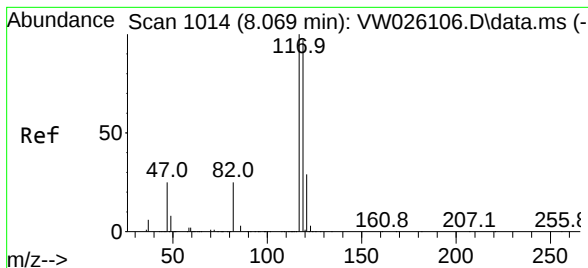
Ion Ratio Lower Upper

97 100

99 63.0 50.6 76.0

61 50.9 40.5 60.7





#31

Carbon tetrachloride

Concen: 22.053 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

Instrument :

MSVOA_W

ClientSampleId :

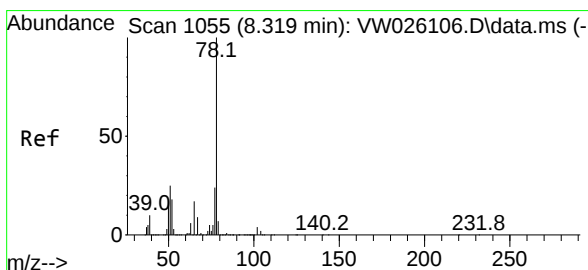
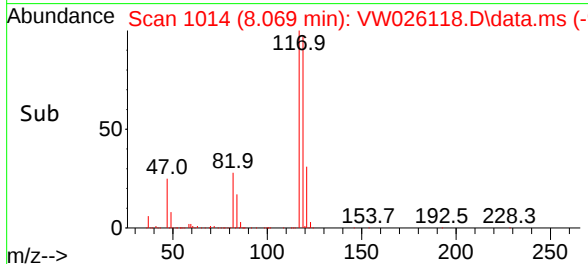
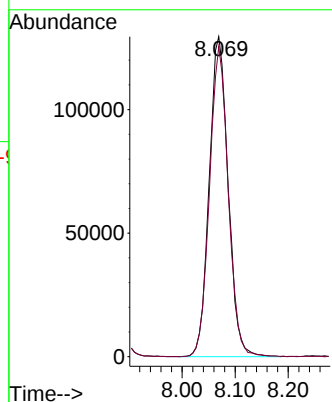
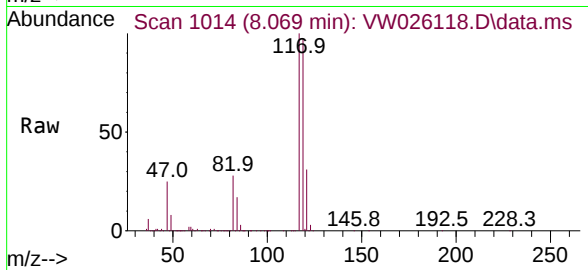
VSTD025507

Tgt Ion:117 Resp: 321053

Ion Ratio Lower Upper

117 100

119 95.5 77.4 116.2



#33

Benzene

Concen: 23.609 ug/L

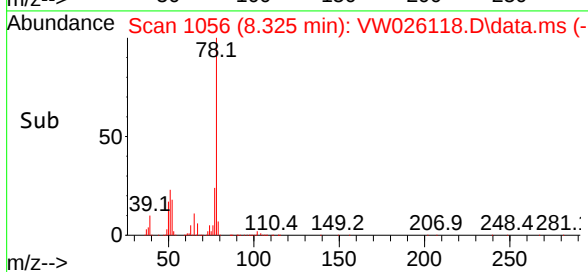
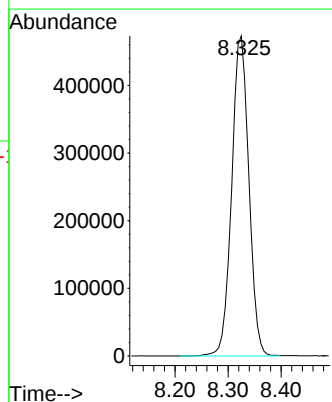
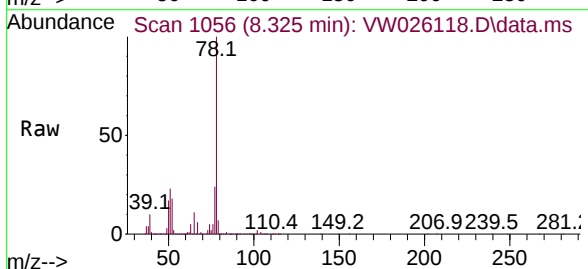
RT: 8.325 min Scan# 1056

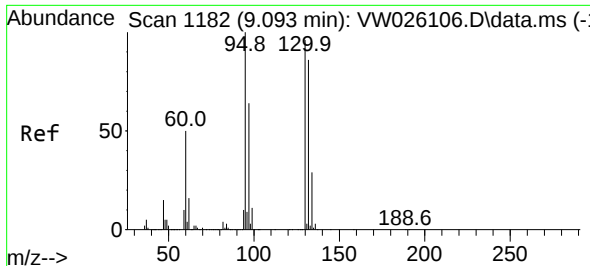
Delta R.T. 0.006 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

Tgt Ion: 78 Resp: 1063257





#34

Trichloroethene

Concen: 22.780 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD025507

Tgt Ion: 95 Resp: 262703

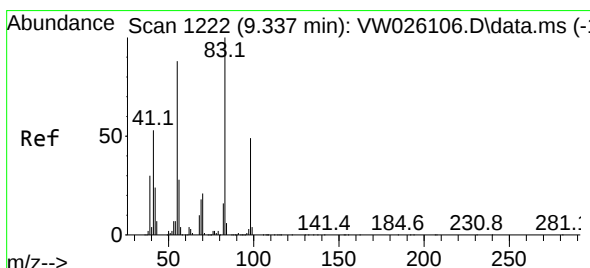
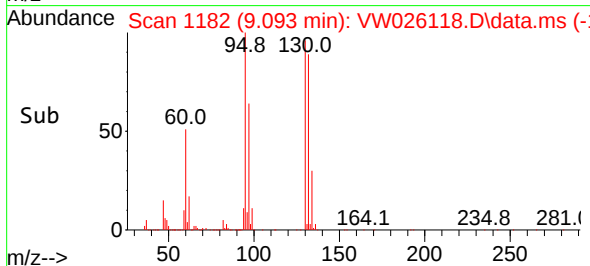
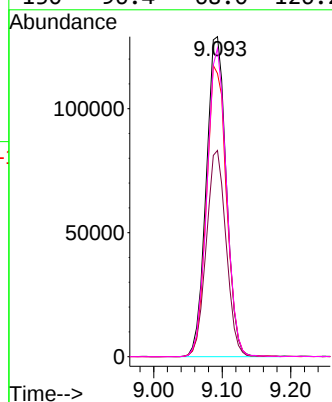
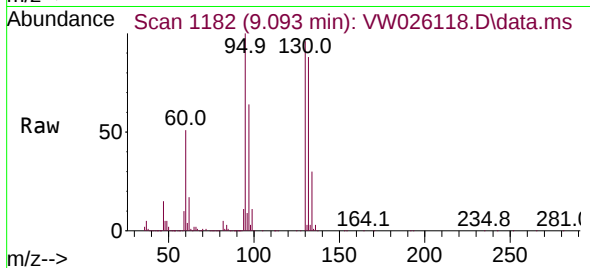
Ion Ratio Lower Upper

95 100

97 64.5 45.9 85.3

132 88.5 67.1 124.7

130 96.4 68.0 126.2



#35

Methylcyclohexane

Concen: 21.993 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

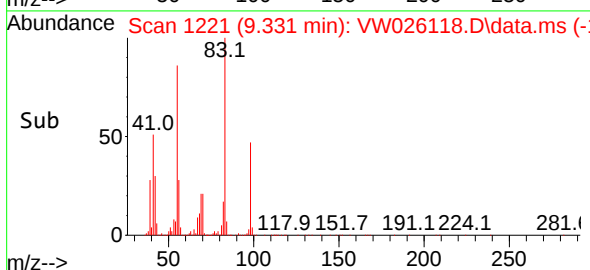
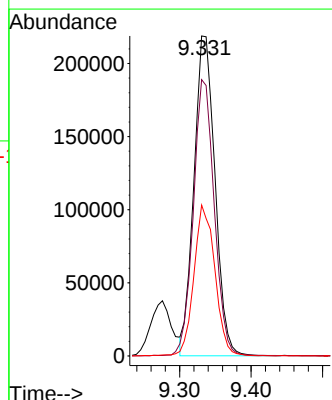
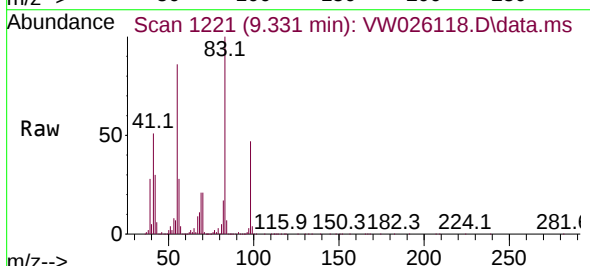
Tgt Ion: 83 Resp: 448784

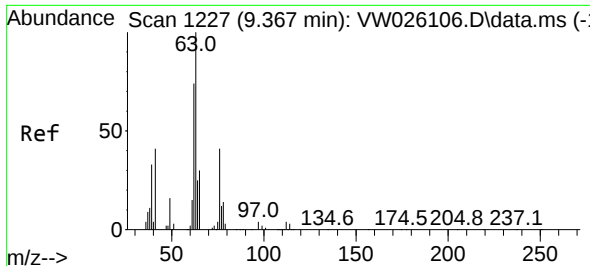
Ion Ratio Lower Upper

83 100

55 85.8 68.2 102.4

98 46.8 38.1 57.1





#37

1,2-Dichloropropane

Concen: 23.720 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

Instrument :

MSVOA_W

ClientSampleId :

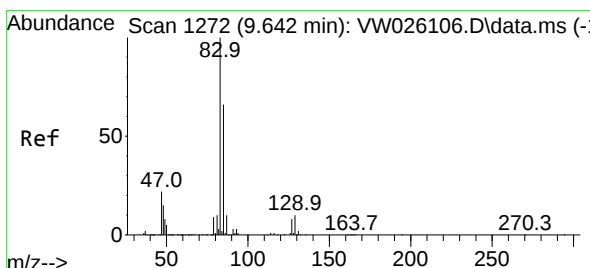
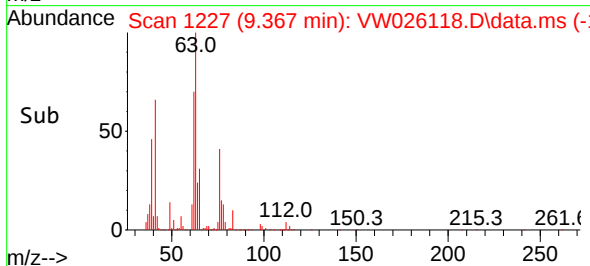
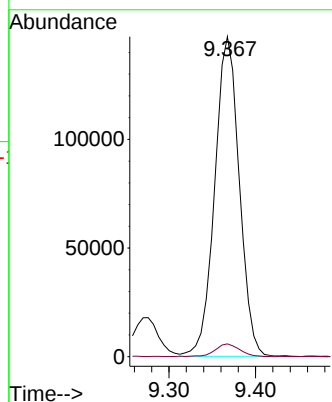
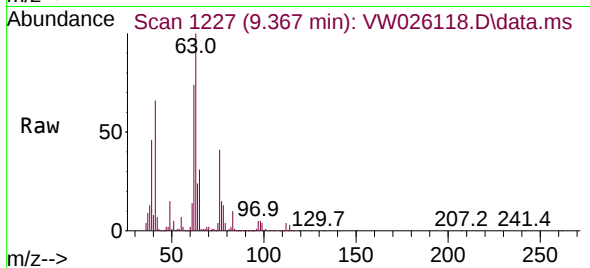
VSTD025507

Tgt Ion: 63 Resp: 289335

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 23.487 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

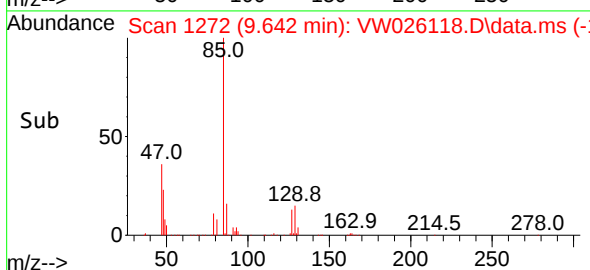
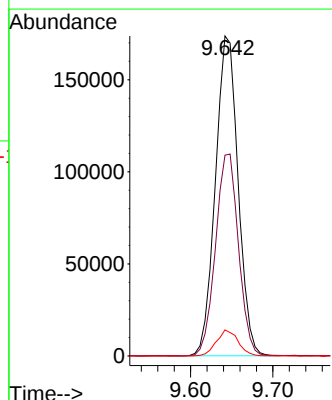
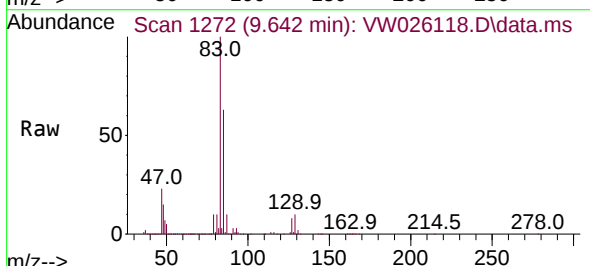
Tgt Ion: 83 Resp: 332847

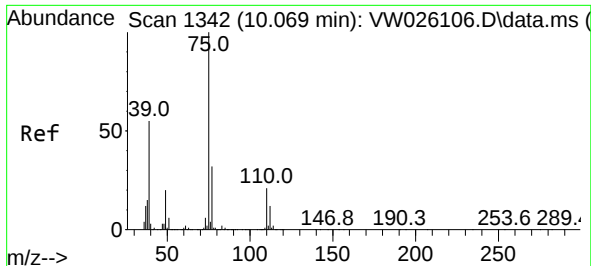
Ion Ratio Lower Upper

83 100

85 62.7 44.2 82.0

127 8.1 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 23.108 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

Instrument :

MSVOA_W

ClientSampleId :

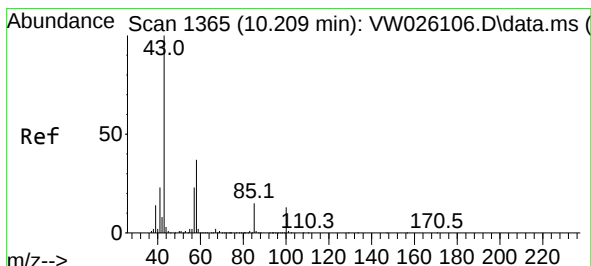
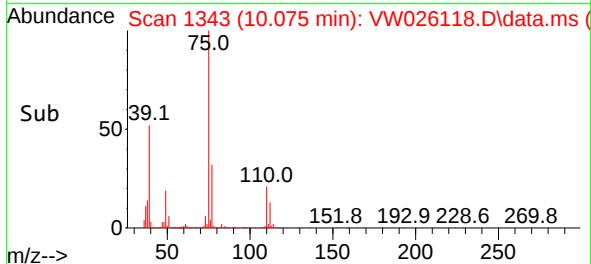
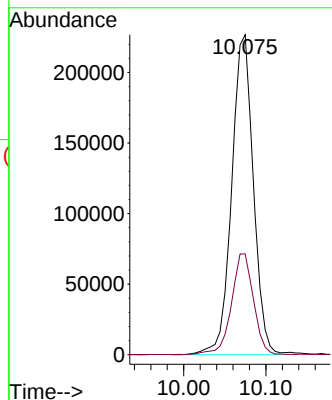
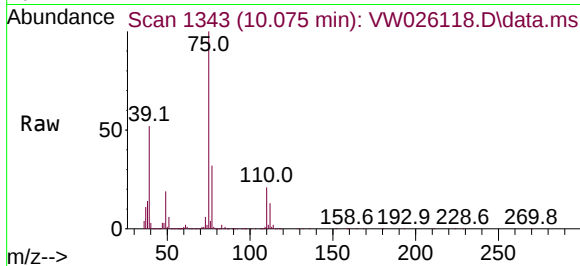
VSTD025507

Tgt Ion: 75 Resp: 414234

Ion Ratio Lower Upper

75 100

77 31.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 52.676 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

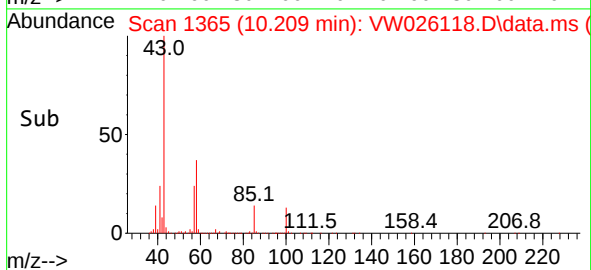
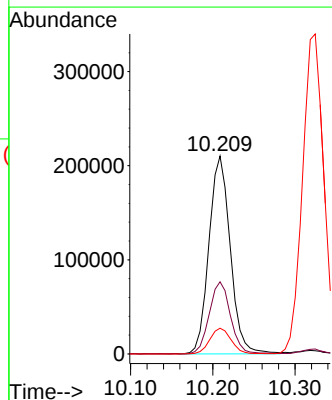
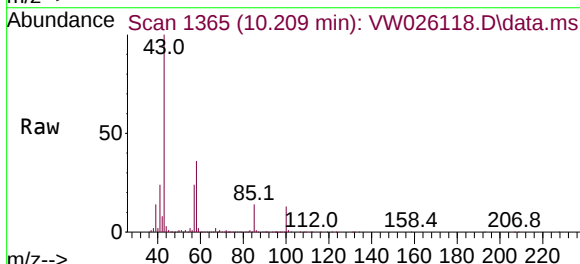
Tgt Ion: 43 Resp: 378822

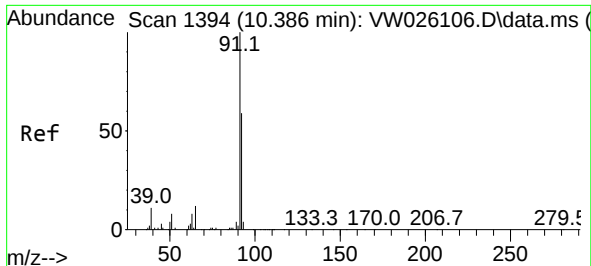
Ion Ratio Lower Upper

43 100

58 36.4 29.0 43.4

100 13.1 10.5 15.7





#42

Toluene

Concen: 23.527 ug/L

RT: 10.386 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

Instrument :

MSVOA_W

ClientSampleId :

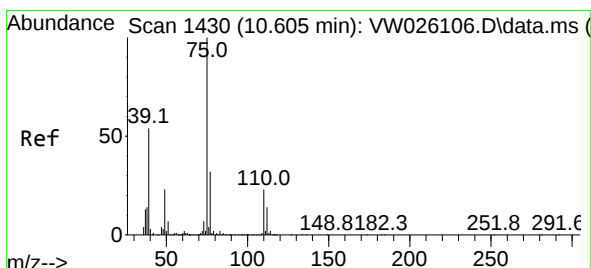
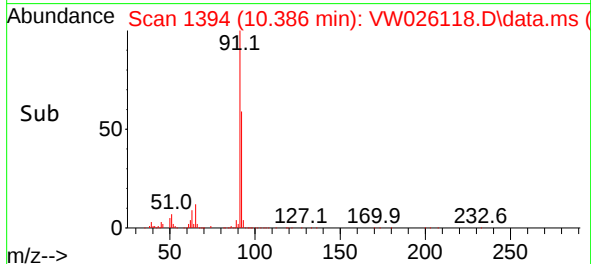
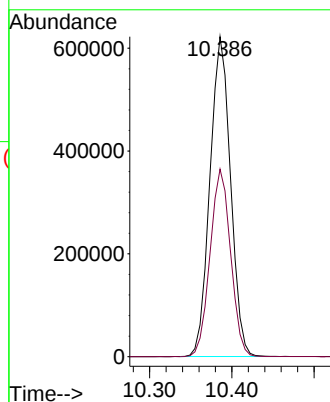
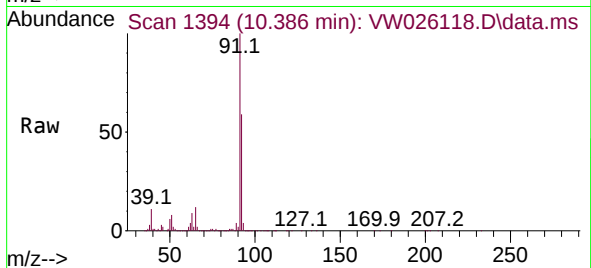
VSTD025507

Tgt Ion: 91 Resp: 1083708

Ion Ratio Lower Upper

91 100

92 58.6 42.2 78.4



#44

trans-1,3-Dichloropropene

Concen: 23.167 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW026118.D

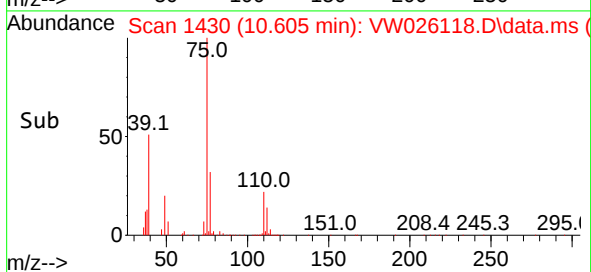
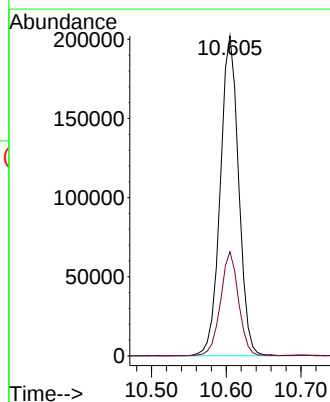
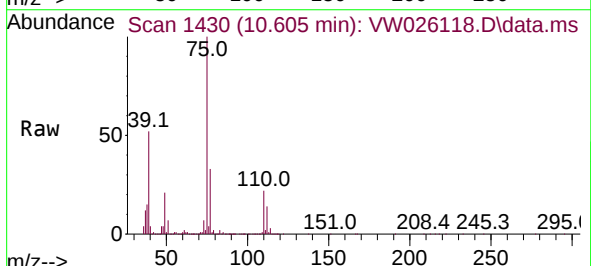
Acq: 06 Jun 2023 19:37

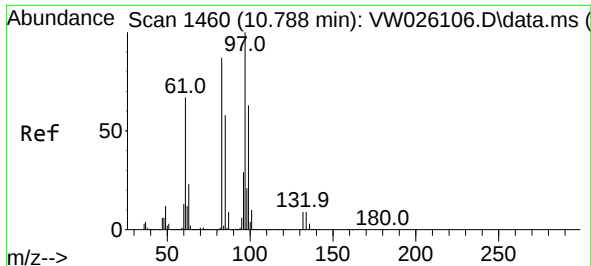
Tgt Ion: 75 Resp: 345970

Ion Ratio Lower Upper

75 100

77 32.5 21.1 39.3





#45

1,1,2-Trichloroethane

Concen: 24.115 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD025507

Tgt Ion: 97 Resp: 193868

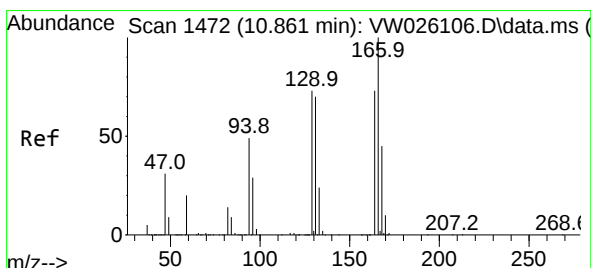
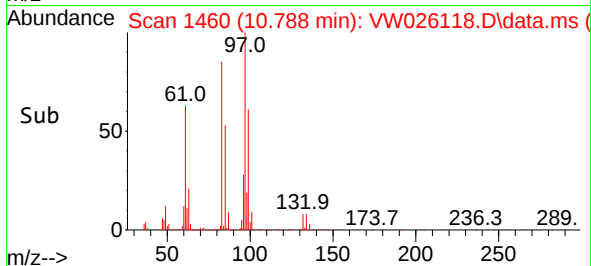
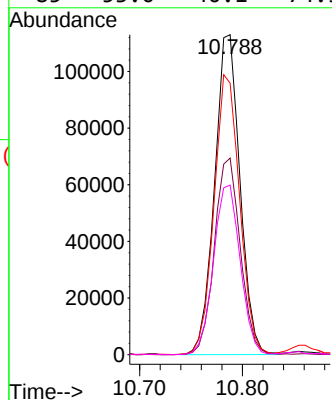
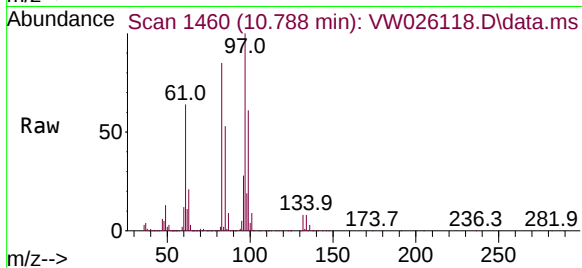
Ion Ratio Lower Upper

97 100

99 61.4 43.3 80.5

83 84.8 62.9 116.9

85 53.0 40.1 74.5



#46

Tetrachloroethene

Concen: 21.759 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

Tgt Ion:164 Resp: 177483

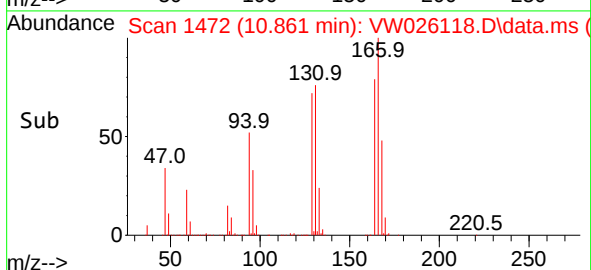
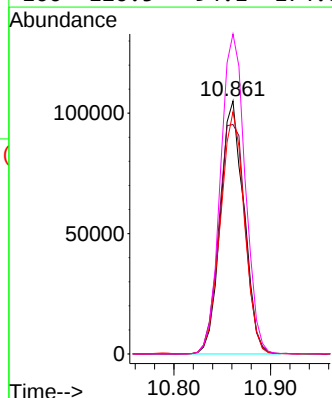
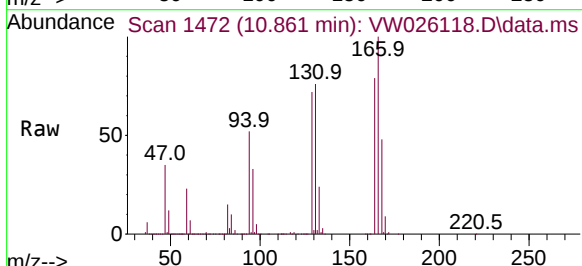
Ion Ratio Lower Upper

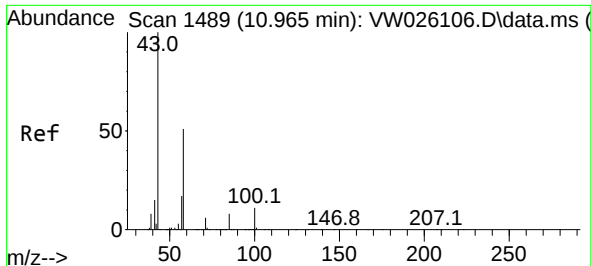
164 100

129 90.7 68.5 127.1

131 95.8 67.1 124.7

166 126.5 94.1 174.8

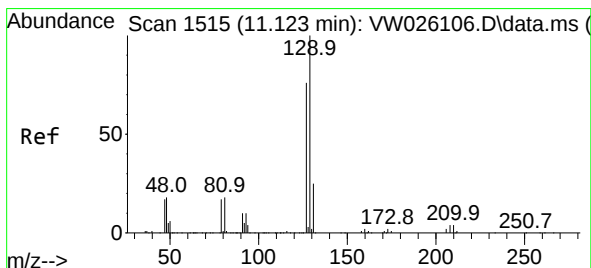
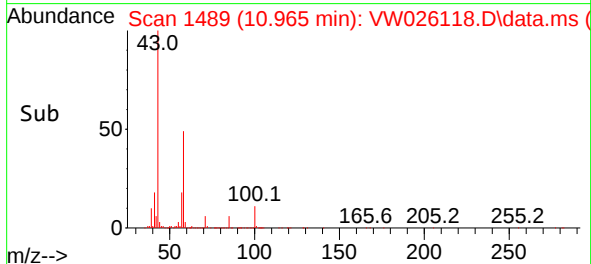
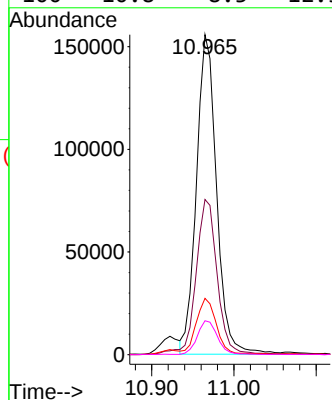
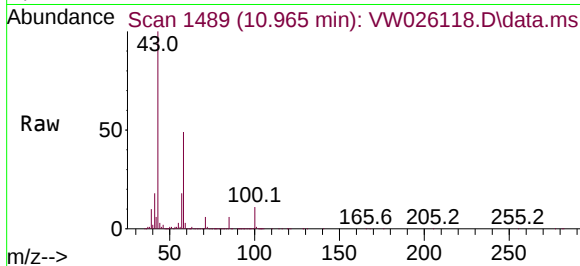




#48
2-Hexanone
Concen: 52.318 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026118.D
Acq: 06 Jun 2023 19:37

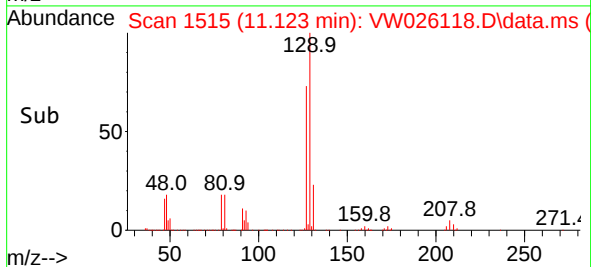
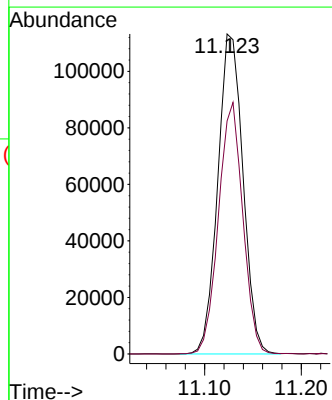
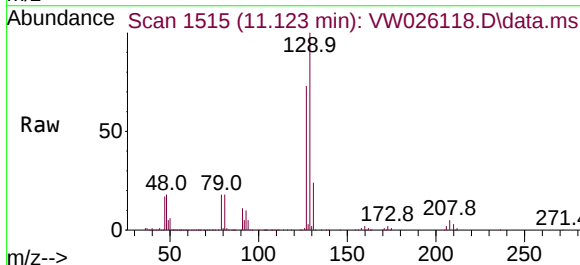
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

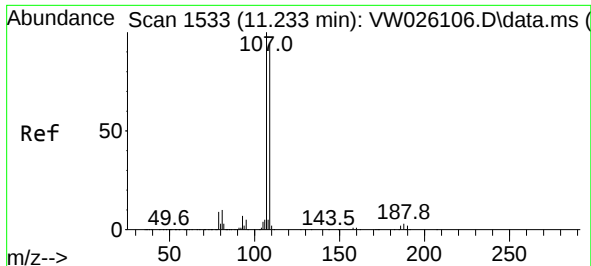
Tgt Ion:	43	Resp:	265292
Ion	Ratio	Lower	Upper
43	100		
58	50.9	42.2	63.2
57	16.5	14.2	21.2
100	10.8	8.3	12.5



#49
Dibromochloromethane
Concen: 24.331 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW026118.D
Acq: 06 Jun 2023 19:37

Tgt Ion:	129	Resp:	205078
Ion	Ratio	Lower	Upper
129	100		
127	72.8	56.9	105.7





#50

1,2-Dibromoethane

Concen: 23.920 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD025507

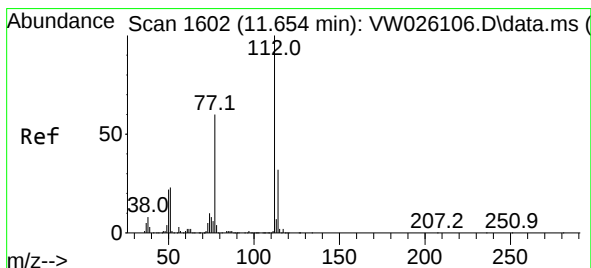
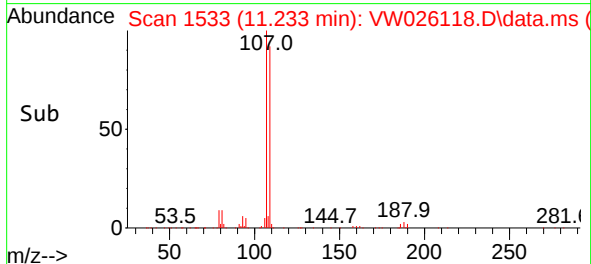
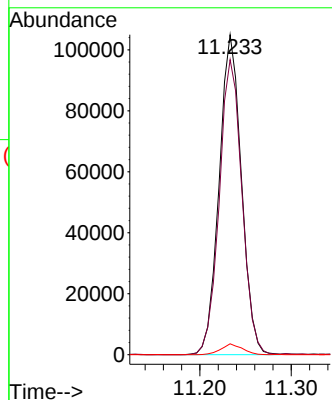
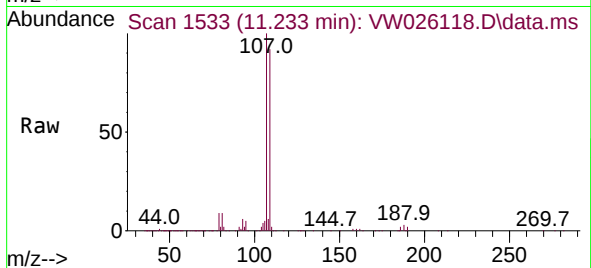
Tgt Ion:107 Resp: 178056

Ion Ratio Lower Upper

107 100

109 92.2 64.0 119.0

188 3.6 2.6 3.8



#51

Chlorobenzene

Concen: 23.182 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

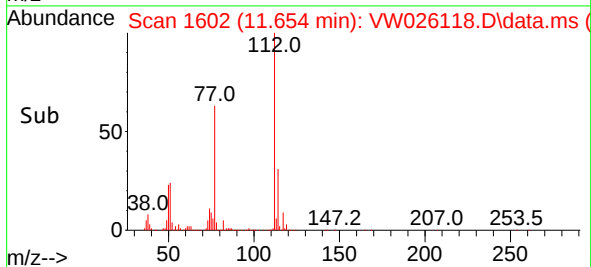
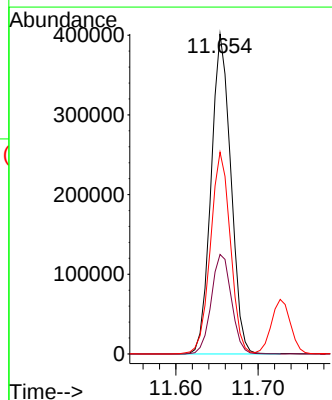
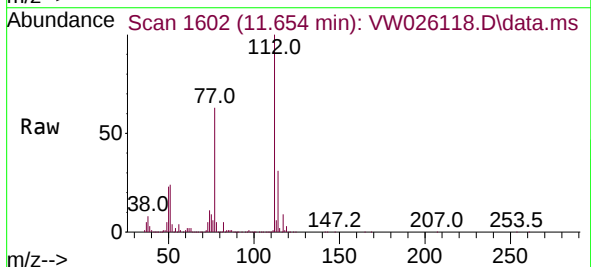
Tgt Ion:112 Resp: 669138

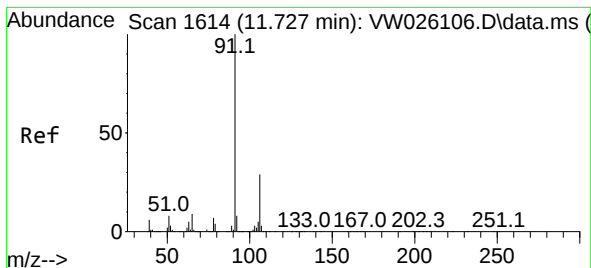
Ion Ratio Lower Upper

112 100

114 31.1 23.0 42.6

77 63.1 50.9 76.3

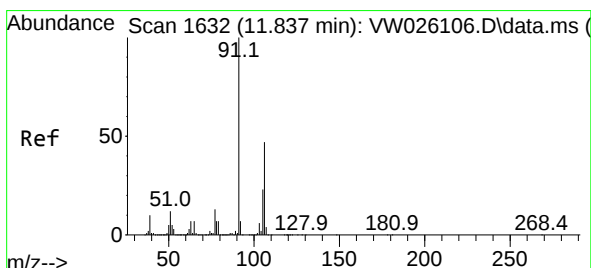
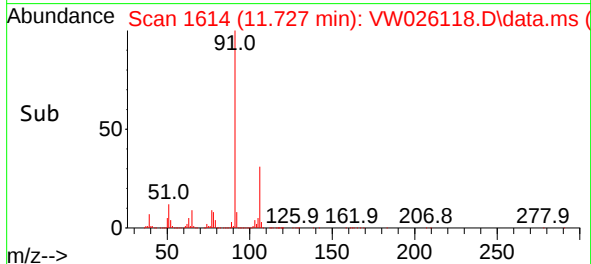
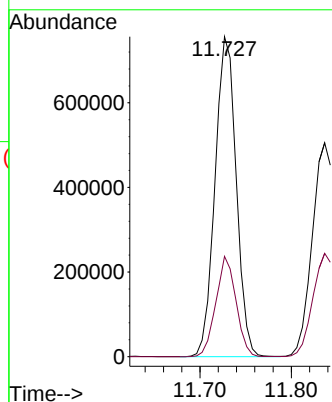
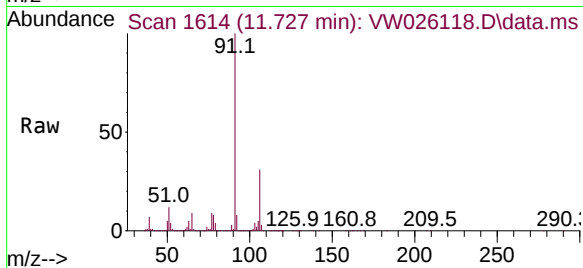




#52
Ethylbenzene
Concen: 23.455 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026118.D
Acq: 06 Jun 2023 19:37

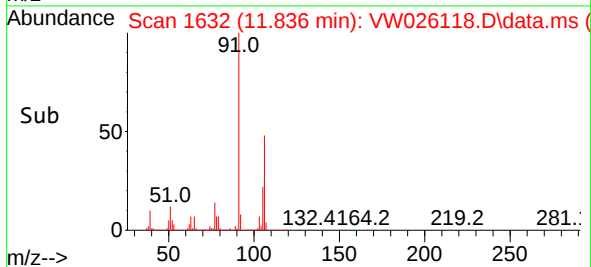
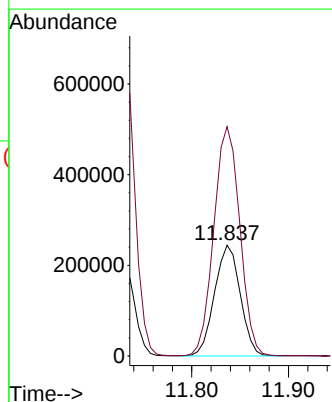
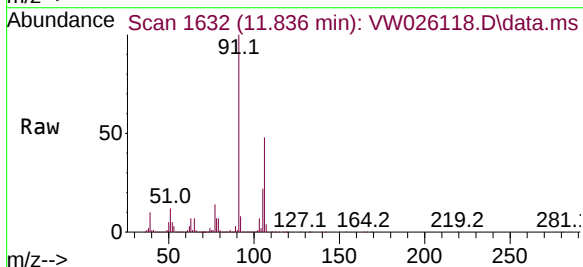
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

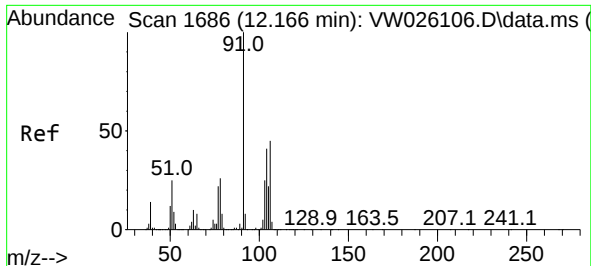
Tgt Ion: 91 Resp: 1218791
Ion Ratio Lower Upper
91 100
106 31.3 21.2 39.4



#53
m,p-Xylene
Concen: 23.308 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026118.D
Acq: 06 Jun 2023 19:37

Tgt Ion:106 Resp: 450549
Ion Ratio Lower Upper
106 100
91 207.0 149.5 277.7

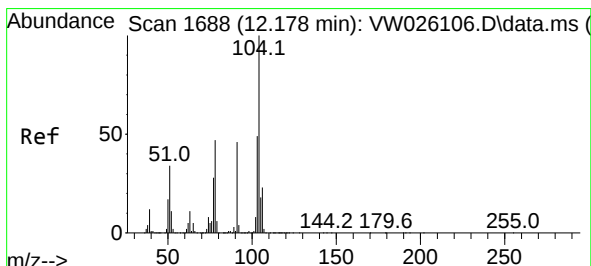
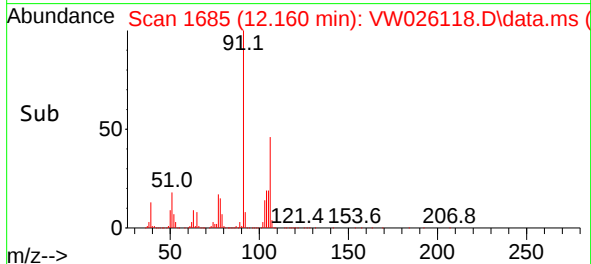
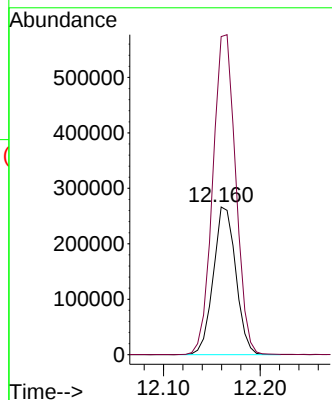
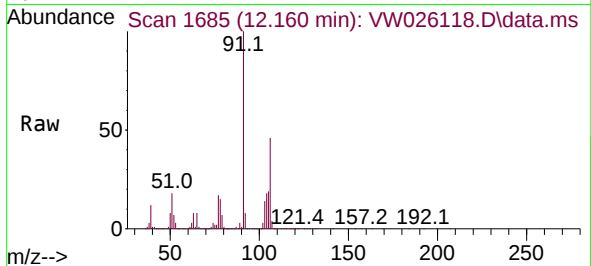




#54
o-Xylene
Concen: 23.550 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW026118.D
Acq: 06 Jun 2023 19:37

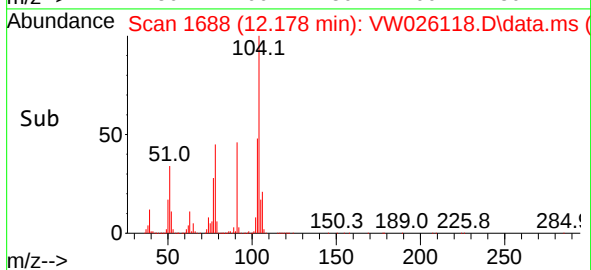
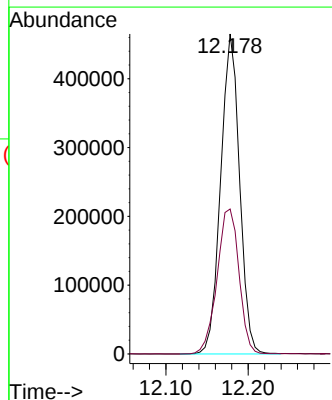
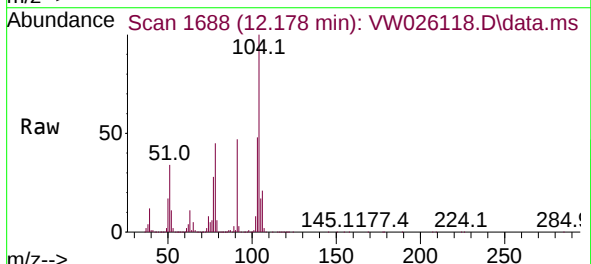
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

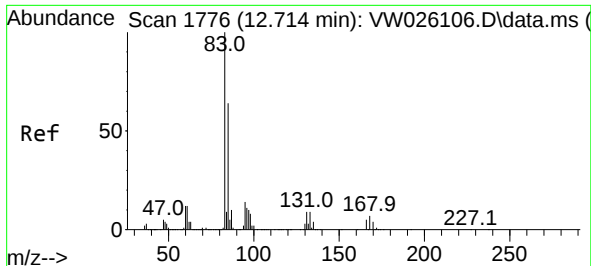
Tgt Ion:106 Resp: 429665
Ion Ratio Lower Upper
106 100
91 215.3 150.9 280.3



#55
Styrene
Concen: 23.723 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026118.D
Acq: 06 Jun 2023 19:37

Tgt Ion:104 Resp: 742554
Ion Ratio Lower Upper
104 100
78 45.3 32.6 60.6





#57

1,1,2-Tetrachloroethane

Concen: 24.663 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD025507

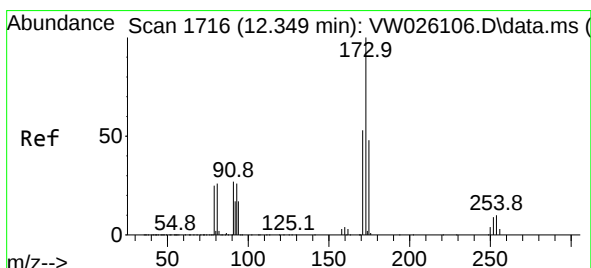
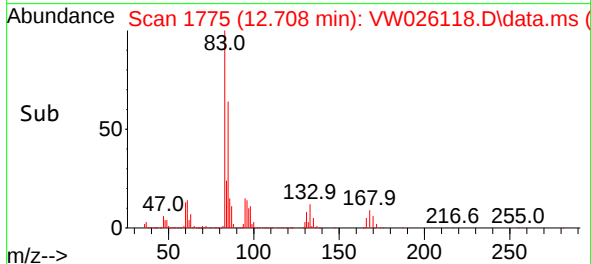
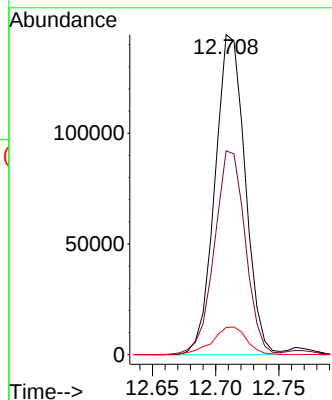
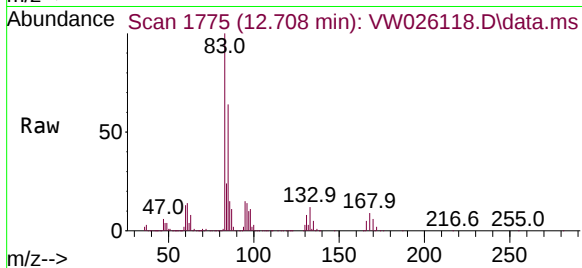
Tgt Ion: 83 Resp: 239953

Ion Ratio Lower Upper

83 100

85 63.7 42.6 79.0

131 8.5 7.2 10.8



#59

Bromoform

Concen: 23.665 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

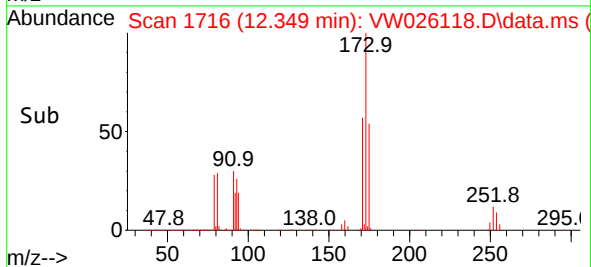
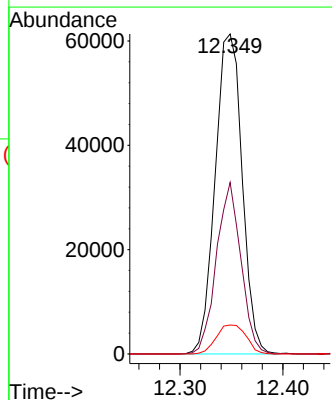
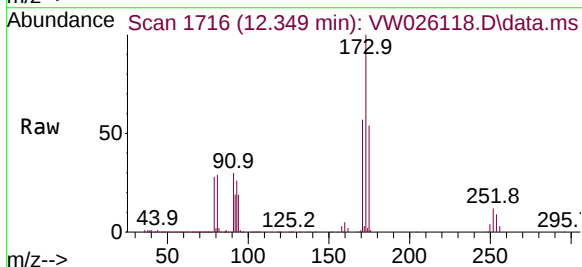
Tgt Ion: 173 Resp: 111791

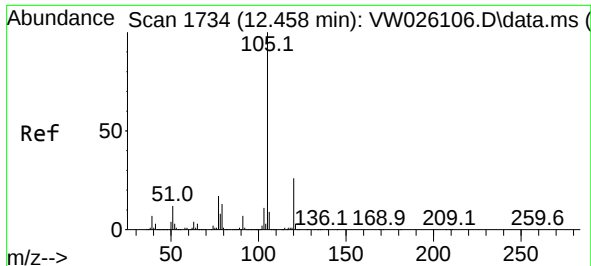
Ion Ratio Lower Upper

173 100

175 48.6 38.6 57.8

254 10.0 7.4 11.0

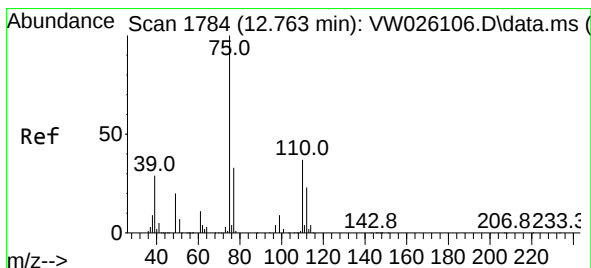
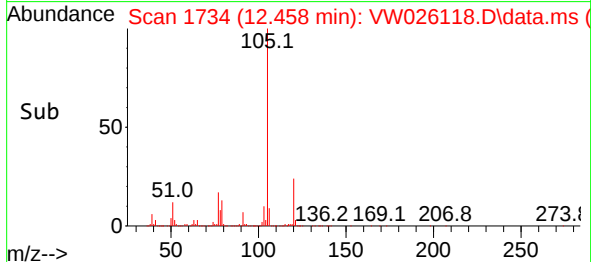
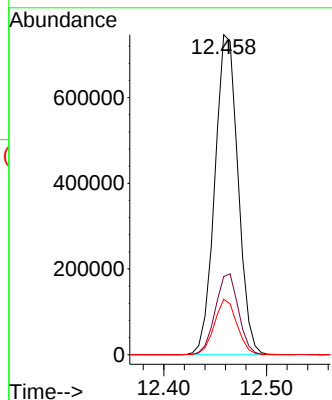
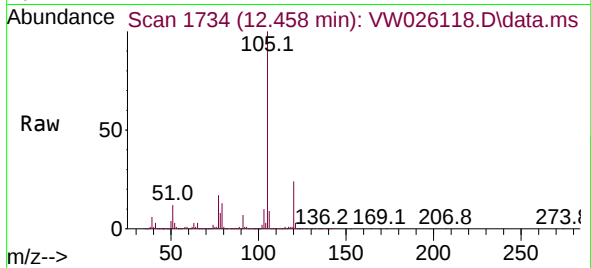




#60
Isopropylbenzene
Concen: 23.644 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW026118.D
Acq: 06 Jun 2023 19:37

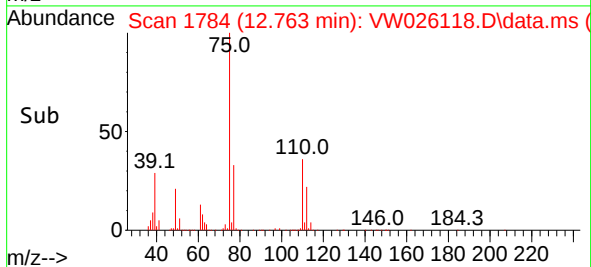
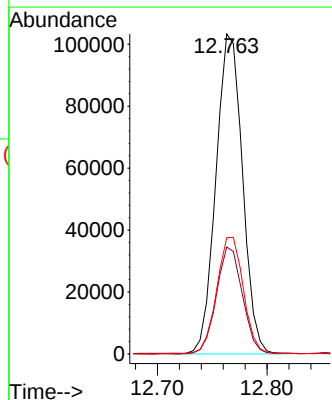
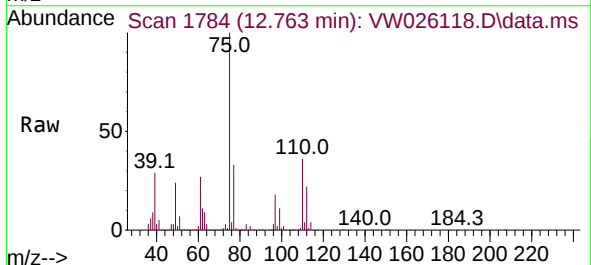
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

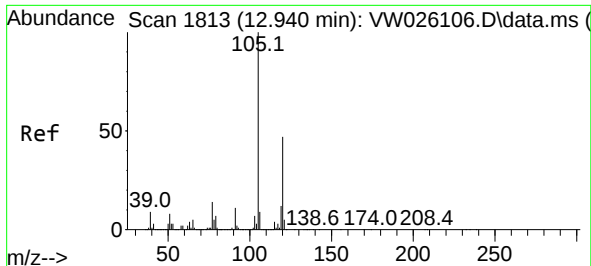
Tgt Ion:105 Resp: 1168208
Ion Ratio Lower Upper
105 100
120 25.2 19.8 29.8
77 16.9 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 24.703 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW026118.D
Acq: 06 Jun 2023 19:37

Tgt Ion: 75 Resp: 174039
Ion Ratio Lower Upper
75 100
77 32.8 25.2 37.8
110 36.6 28.7 43.1





#62

1,3,5-Trimethylbenzene

Concen: 23.619 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

Instrument :

MSVOA_W

ClientSampleId :

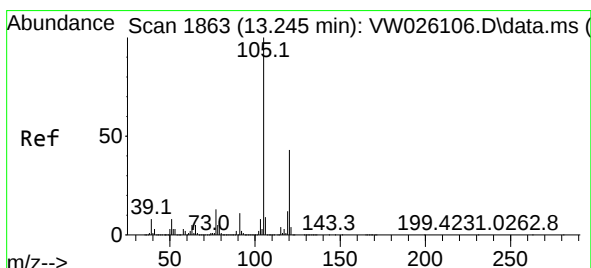
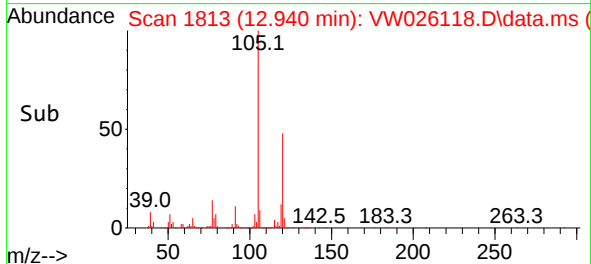
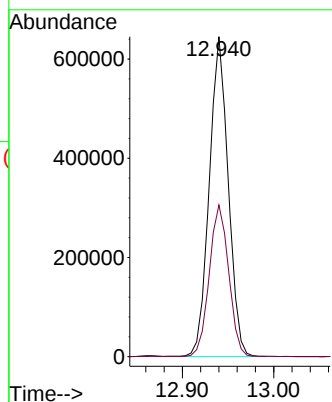
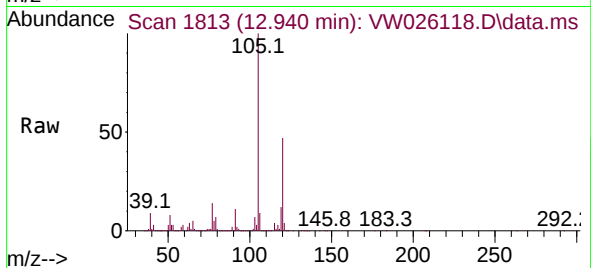
VSTD025507

Tgt Ion:105 Resp: 927699

Ion Ratio Lower Upper

105 100

120 48.6 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 23.440 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW026118.D

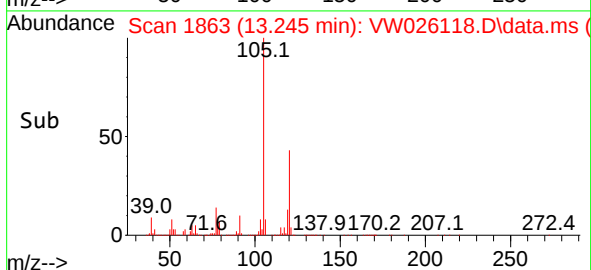
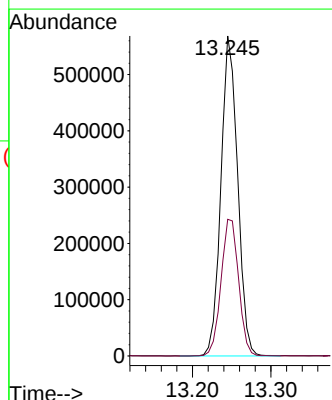
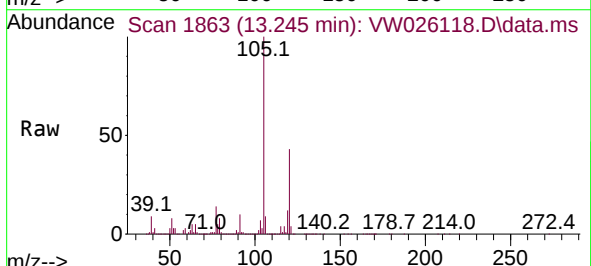
Acq: 06 Jun 2023 19:37

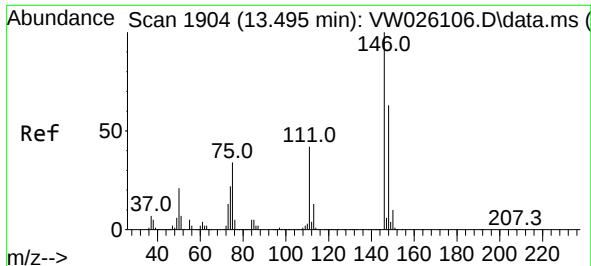
Tgt Ion:105 Resp: 843255

Ion Ratio Lower Upper

105 100

120 45.0 36.2 54.2

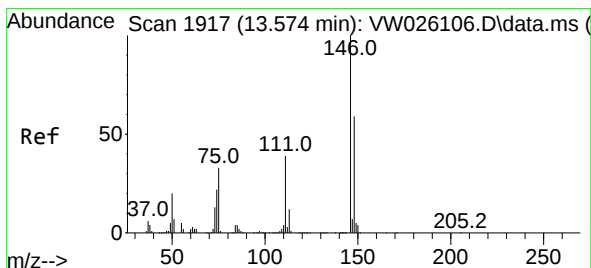
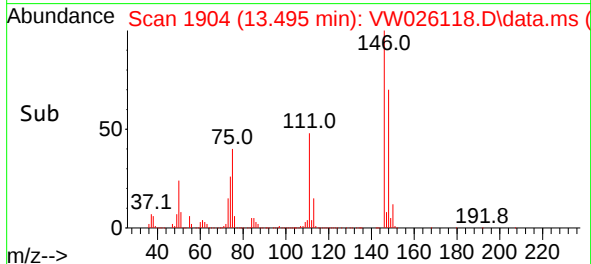
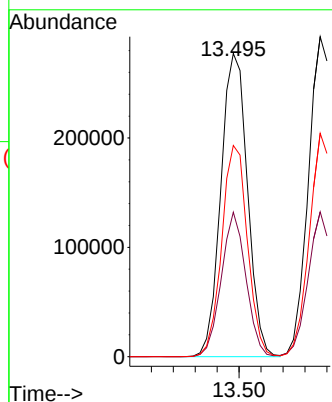
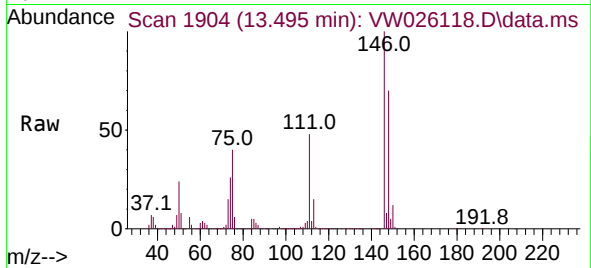




#64
1,3-Dichlorobenzene
Concen: 22.514 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026118.D
Acq: 06 Jun 2023 19:37

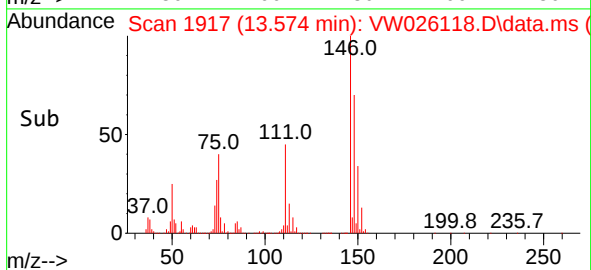
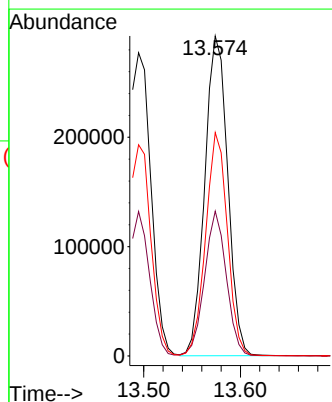
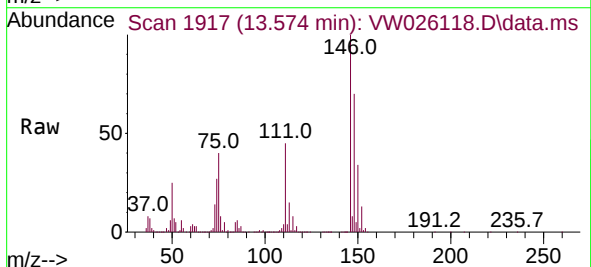
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

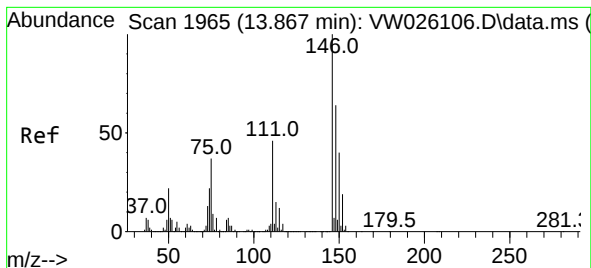
Tgt Ion:146 Resp: 467725
Ion Ratio Lower Upper
146 100
111 47.7 29.7 55.1
148 69.7 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 23.039 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026118.D
Acq: 06 Jun 2023 19:37

Tgt Ion:146 Resp: 481869
Ion Ratio Lower Upper
146 100
111 45.3 29.2 54.2
148 69.8 42.8 79.6

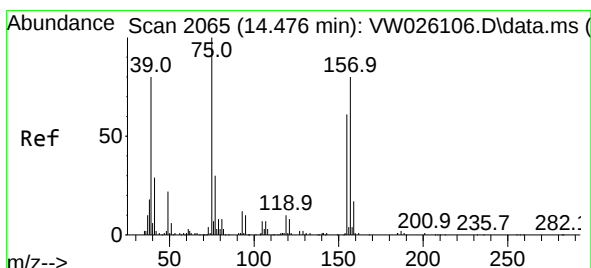
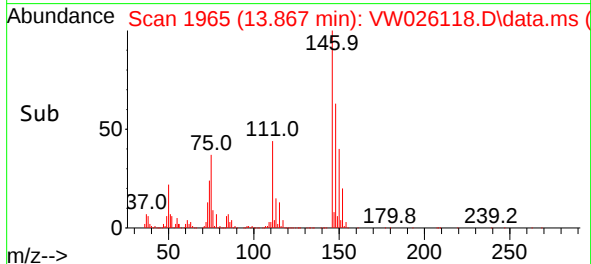
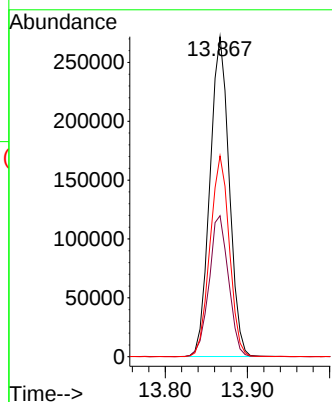
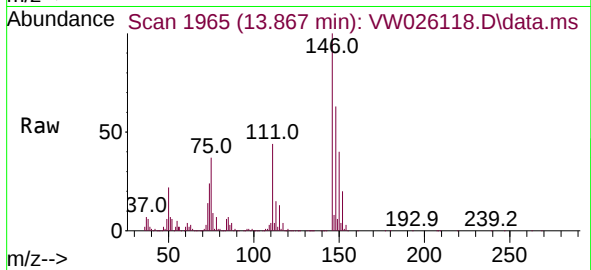




#67
1,2-Dichlorobenzene
Concen: 23.702 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW026118.D
Acq: 06 Jun 2023 19:37

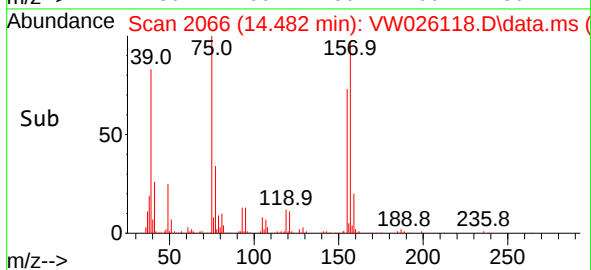
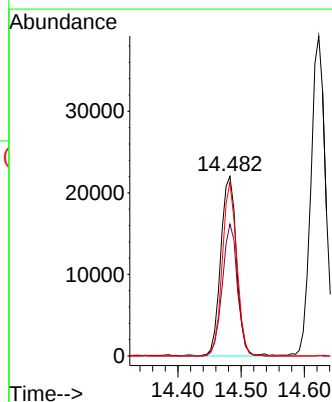
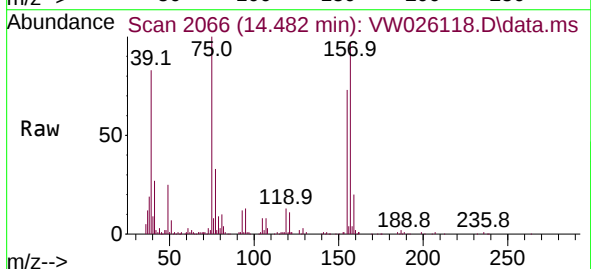
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

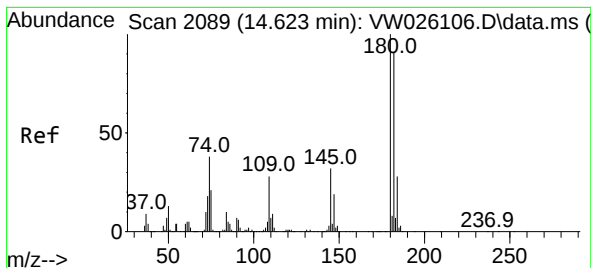
Tgt Ion:146 Resp: 442166
Ion Ratio Lower Upper
146 100
111 44.0 35.4 53.0
148 62.8 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 23.406 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW026118.D
Acq: 06 Jun 2023 19:37

Tgt Ion: 75 Resp: 38205
Ion Ratio Lower Upper
75 100
155 73.4 59.0 88.6
157 96.7 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 21.773 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD025507

Tgt Ion:180 Resp: 310716

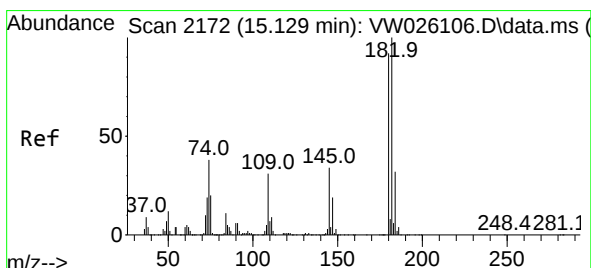
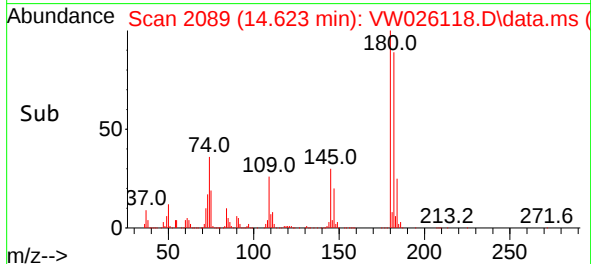
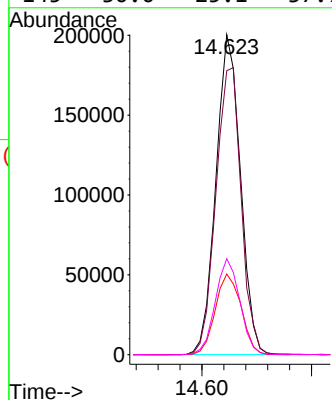
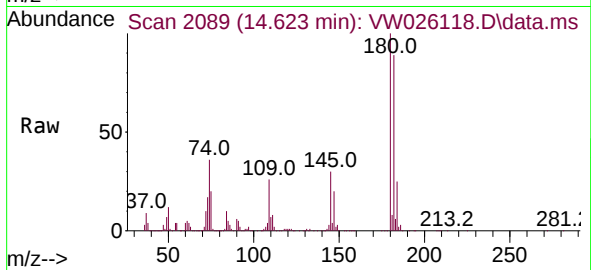
Ion Ratio Lower Upper

180 100

182 92.9 77.0 115.4

184 26.7 23.7 35.5

145 30.0 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 20.428 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

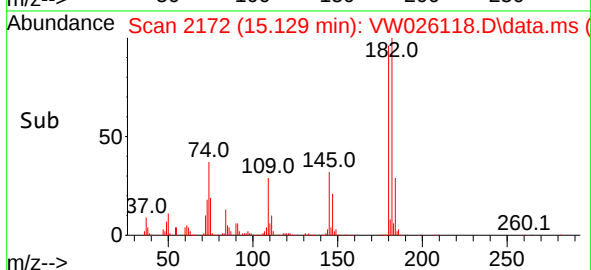
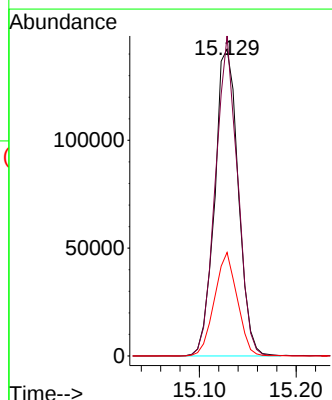
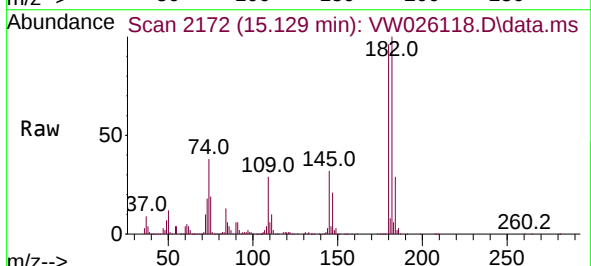
Tgt Ion:180 Resp: 240546

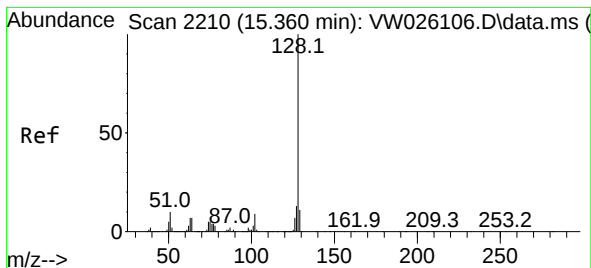
Ion Ratio Lower Upper

180 100

182 98.0 78.9 118.3

145 32.7 27.2 40.8





#71

Naphthalene

Concen: 23.543 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD025507

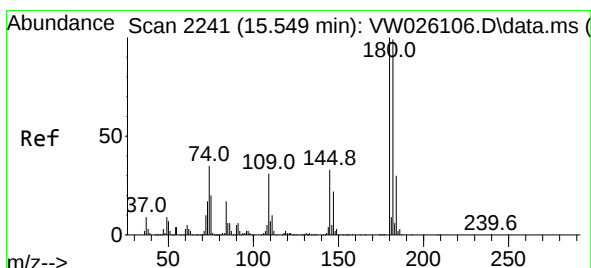
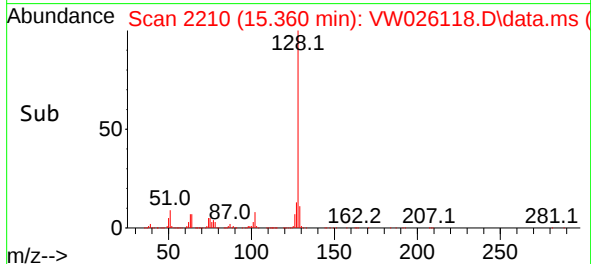
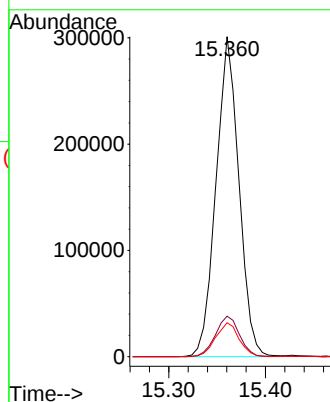
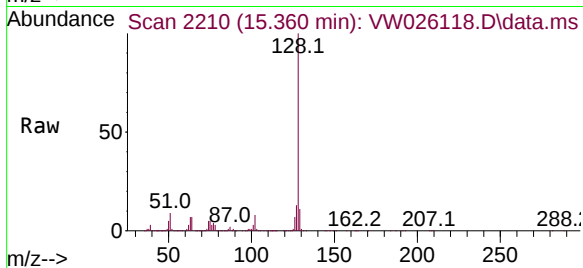
Tgt Ion:128 Resp: 494099

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 22.341 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW026118.D

Acq: 06 Jun 2023 19:37

Tgt Ion:180 Resp: 229912

Ion Ratio Lower Upper

180 100

182 89.5 76.3 114.5

145 33.8 27.0 40.6

