

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061923\
 Data File : VW026254.D
 Acq On : 19 Jun 2023 17:56
 Operator : SY/MD
 Sample : 03325-02MS
 Misc : 5.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW38MS

Quant Time: Jun 20 03:19:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 23:58:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	738868	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	611313	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	222678	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	180167	17.333	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.320%
7) Chloroethane-d5	2.893	69	178055	22.883	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.520%
11) 1,1-Dichloroethene-d2	4.021	65	94059	18.352	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.400%
21) 2-Butanone-d5	7.075	46	216667	71.598	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.200%#
24) Chloroform-d	7.648	84	514172	23.764	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.040%
26) 1,2-Dichloroethane-d4	8.306	65	282884	23.910	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.640%
32) Benzene-d6	8.276	84	961584	23.377	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.520%
36) 1,2-Dichloropropane-d6	9.270	67	327387	25.122	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	10.324	98	782299	21.445	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.760%
43) trans-1,3-Dichloroprop...	10.574	79	99694	19.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.240%
47) 2-Hexanone-d5	10.922	63	141536	68.879	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.760%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	277949	29.310	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	185152	21.723	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	133737	14.765	ug/L #	88
3) Chloromethane	2.222	50	248199	21.371	ug/L	97
5) Vinyl chloride	2.375	62	253990	20.460	ug/L	99
6) Bromomethane	2.783	94	142179	21.009	ug/L	100
8) Chloroethane	2.929	64	158065	23.562	ug/L	96
9) Trichlorofluoromethane	3.259	101	195885	24.527	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	214848	21.319	ug/L	98
12) 1,1-Dichloroethene	4.045	96	192353	20.447	ug/L	89
13) Acetone	4.118	43	155915	66.586	ug/L	97
14) Carbon disulfide	4.386	76	490339	14.765	ug/L	99
15) Methyl Acetate	4.667	43	140365	26.709	ug/L	99
16) Methylene chloride	4.917	84	287527	24.381	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	189751	17.978	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	379142	22.792	ug/L	100
19) 1,1-Dichloroethane	6.215	63	480853	22.378	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	229265	20.506	ug/L	97
22) 2-Butanone	7.166	43	214902	64.338	ug/L	97
23) Bromochloromethane	7.514	128	101537	21.295	ug/L	96
25) Chloroform	7.672	83	450663	22.517	ug/L	100

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 Response via : Initial Calibration

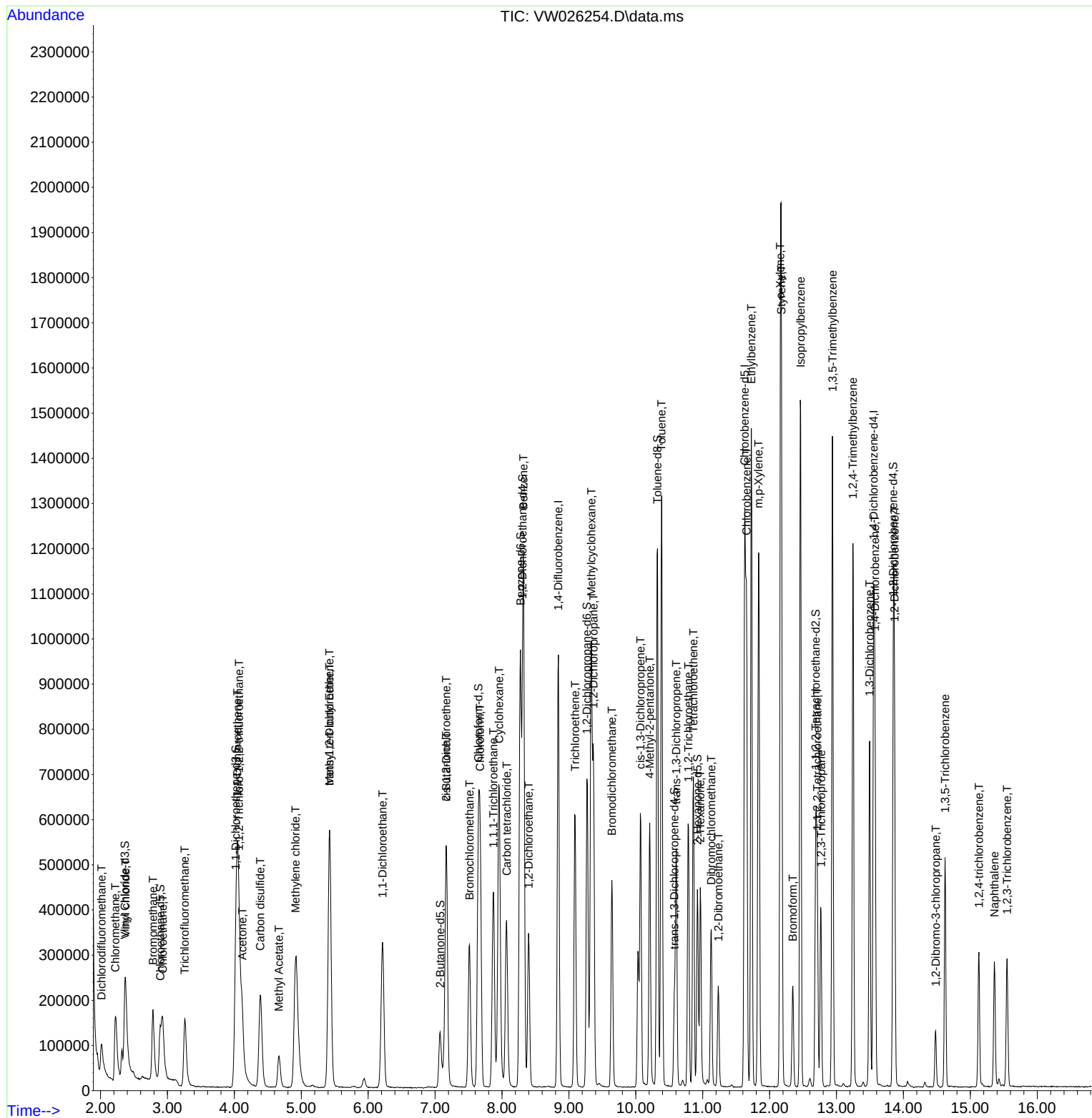
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	304983	22.095	ug/L	96
29) Cyclohexane	7.959	56	392958	20.821	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	349758	23.577	ug/L	100
31) Carbon tetrachloride	8.069	117	279622	20.655	ug/L	99
33) Benzene	8.319	78	952840	22.753	ug/L	100
34) Trichloroethene	9.093	95	220937	20.604	ug/L	95
35) Methylcyclohexane	9.337	83	362550	19.107	ug/L	97
37) 1,2-Dichloropropane	9.367	63	270624	23.859	ug/L	99
38) Bromodichloromethane	9.642	83	301232	22.859	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	346217	20.771	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	402149	60.137	ug/L	99
42) Toluene	10.385	91	924043	21.573	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	275951	19.872	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	179879	24.063	ug/L	98
46) Tetrachloroethene	10.861	164	144362	19.033	ug/L	96
48) 2-Hexanone	10.964	43	289248	61.345	ug/L	98
49) Dibromochloromethane	11.129	129	178186	22.735	ug/L	92
50) 1,2-Dibromoethane	11.233	107	151526	21.891	ug/L	97
51) Chlorobenzene	11.653	112	514253	19.160	ug/L	99
52) Ethylbenzene	11.727	91	978037	20.242	ug/L	99
53) m,p-Xylene	11.836	106	353301	19.655	ug/L	92
54) o-Xylene	12.159	106	349402	20.595	ug/L	96
55) Styrene	12.178	104	533610	18.334	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	226835	25.073	ug/L	97
59) Bromoform	12.348	173	95791	28.641	ug/L	98
60) Isopropylbenzene	12.464	105	943192	26.963	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	166395	33.360	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	713668	25.664	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	617637	24.250	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	282041	19.176	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	283847	19.169	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	274177	20.759	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	33506	28.994	ug/L	88
69) 1,3,5-Trichlorobenzene	14.622	180	143657	14.219	ug/L	98
70) 1,2,4-trichlorobenzene	15.128	180	87044	10.441	ug/L	98
71) Naphthalene	15.360	128	222813	14.995	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	86964	11.936	ug/L	98

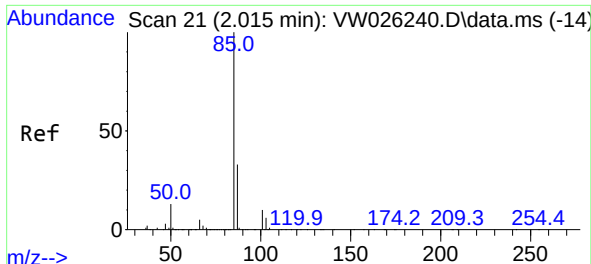
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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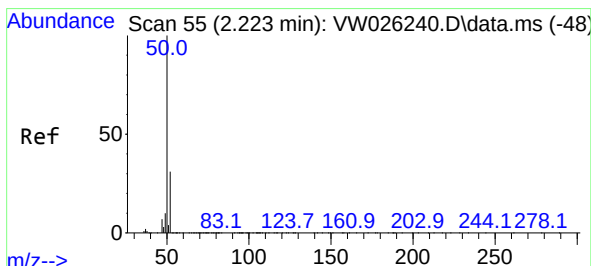
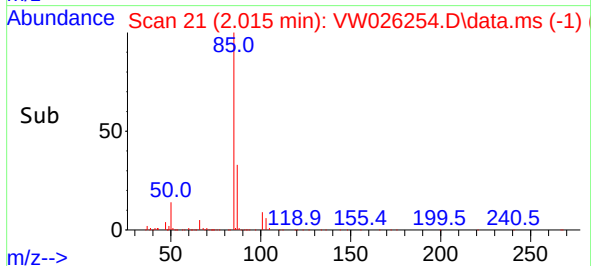
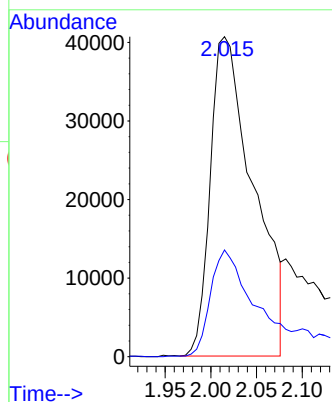
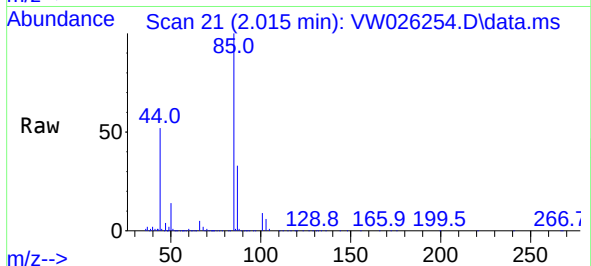




#2
Dichlorodifluoromethane
Concen: 14.765 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

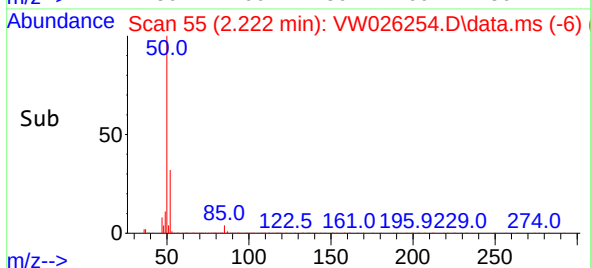
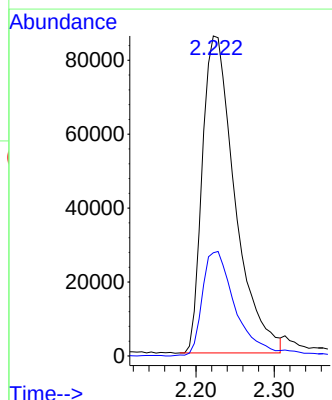
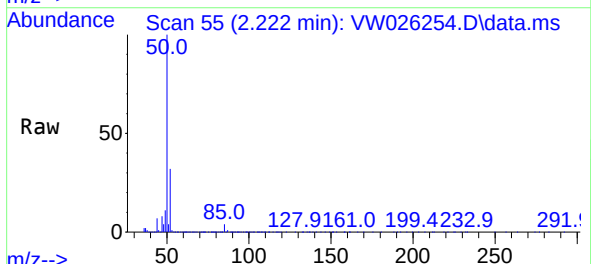
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MSVOA_W
ClientSampleId :
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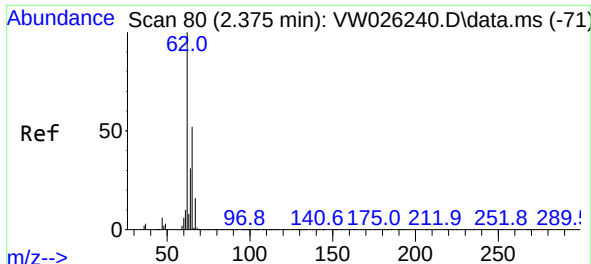
Tgt Ion: 85 Resp: 133737
Ion Ratio Lower Upper
85 100
87 34.1 22.2 33.2#



#3
Chloromethane
Concen: 21.371 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Tgt Ion: 50 Resp: 248199
Ion Ratio Lower Upper
50 100
52 32.2 21.3 39.6

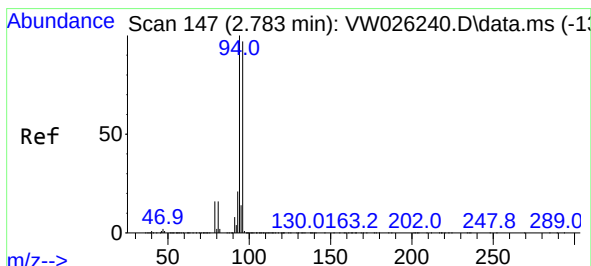
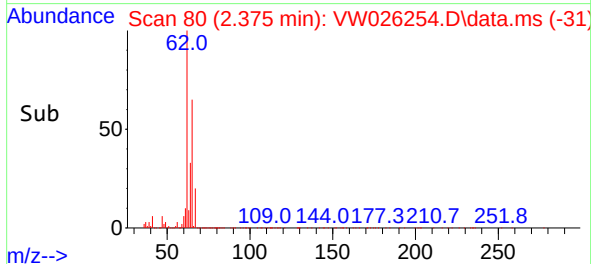
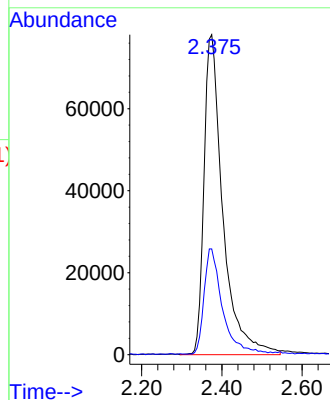
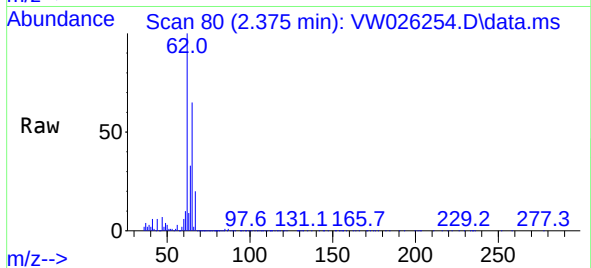




#5
Vinyl chloride
Concen: 20.460 ug/L
RT: 2.375 min Scan# 80
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

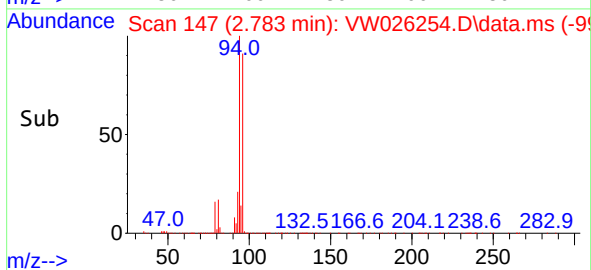
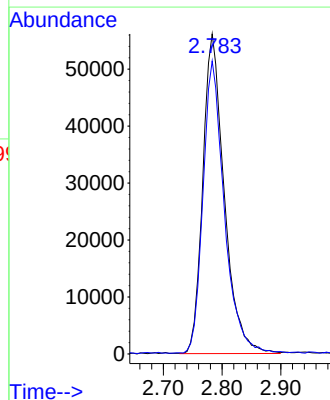
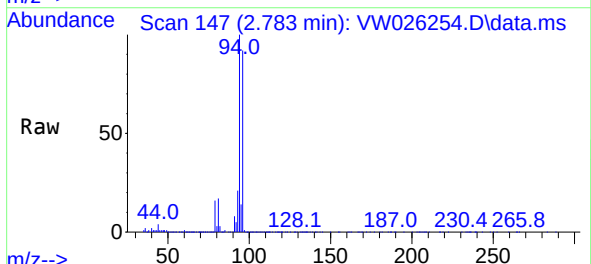
Instrument :
MSVOA_W
ClientSampleId :
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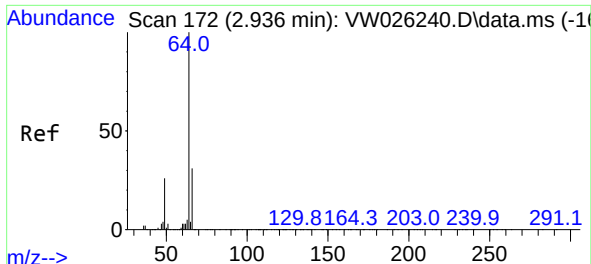
Tgt Ion: 62 Resp: 253990
Ion Ratio Lower Upper
62 100
64 33.0 22.7 42.1



#6
Bromomethane
Concen: 21.009 ug/L
RT: 2.783 min Scan# 147
Delta R.T. -0.006 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Tgt Ion: 94 Resp: 142179
Ion Ratio Lower Upper
94 100
96 91.6 64.2 119.2

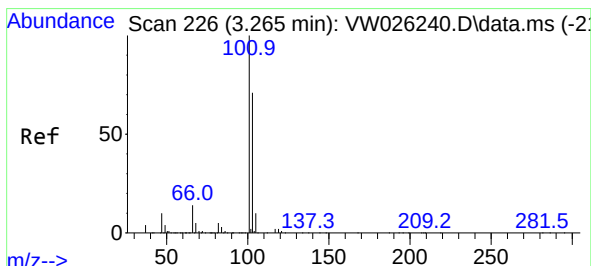
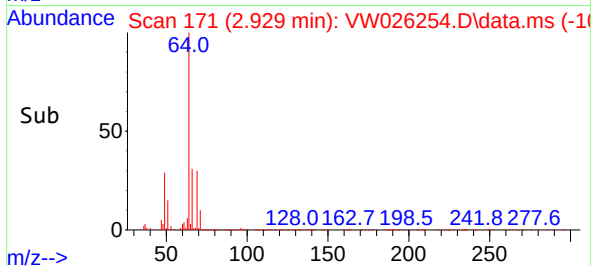
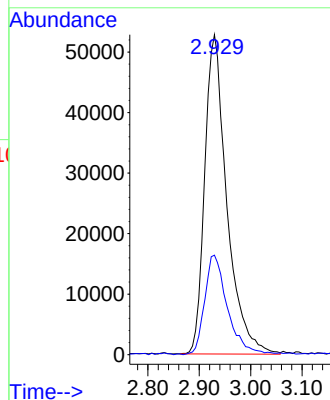
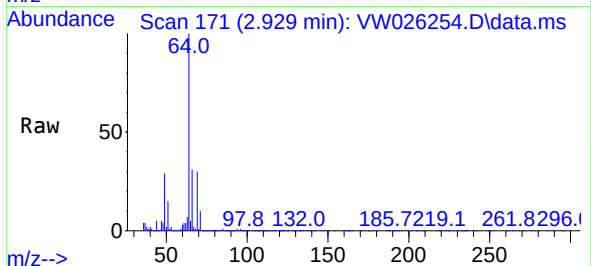




#8
Chloroethane
Concen: 23.562 ug/L
RT: 2.929 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

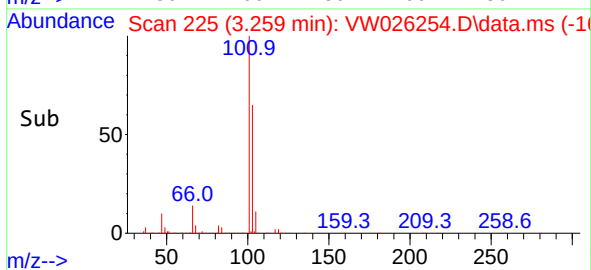
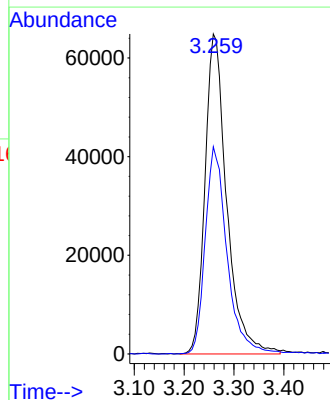
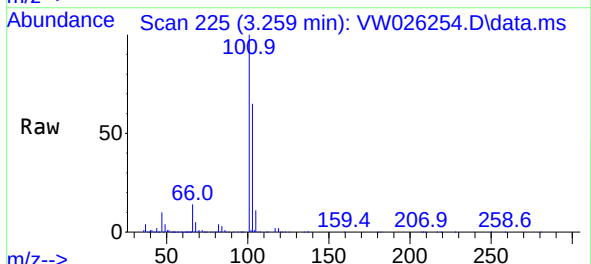
Instrument :
MSVOA_W
ClientSampleId :
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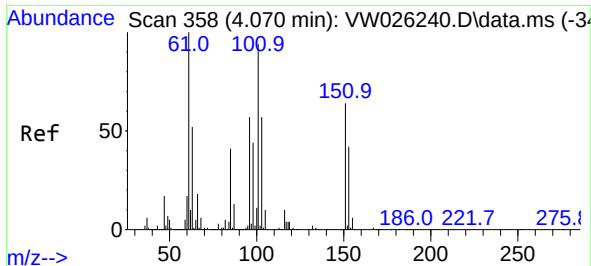
Tgt Ion: 64 Resp: 158065
Ion Ratio Lower Upper
64 100
66 31.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 24.527 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Tgt Ion: 101 Resp: 195885
Ion Ratio Lower Upper
101 100
103 65.1 51.6 77.4

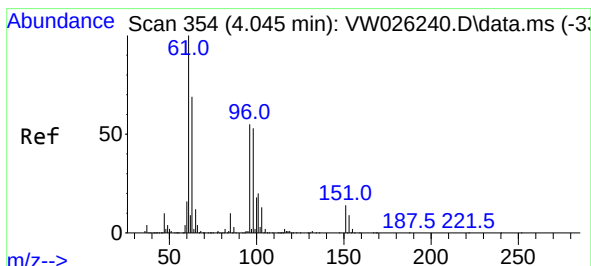
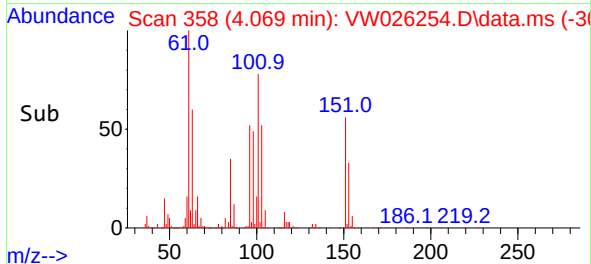
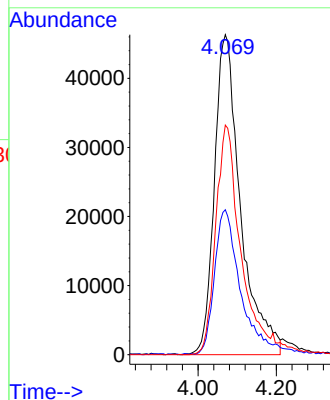
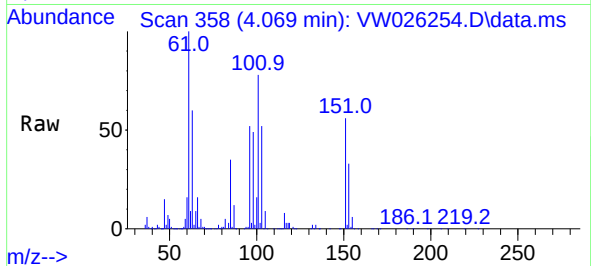




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.319 ug/L
 RT: 4.069 min Scan# 358
 Delta R.T. -0.000 min
 Lab File: VW026254.D
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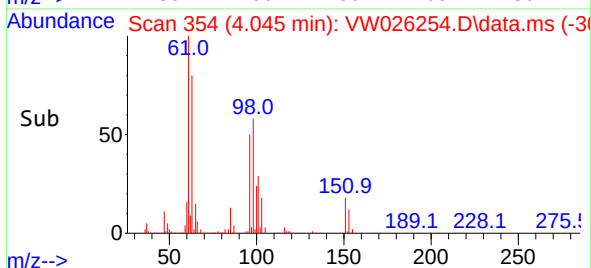
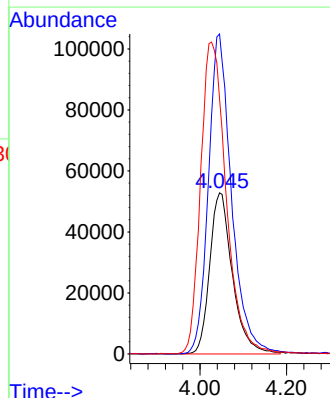
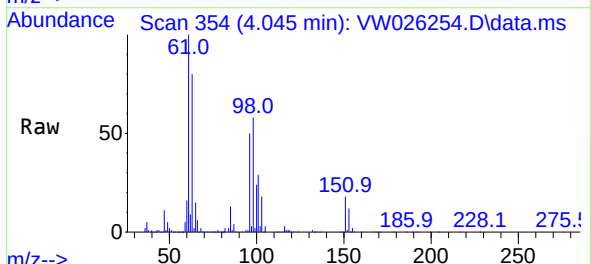
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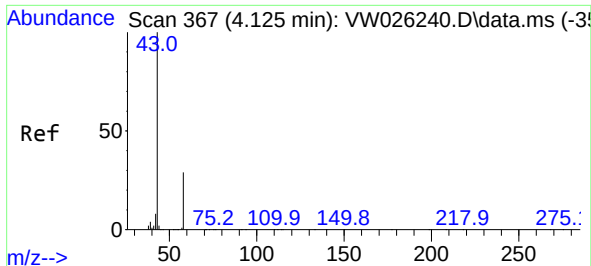
Tgt Ion:101 Resp: 214848
 Ion Ratio Lower Upper
 101 100
 85 43.9 36.1 54.1
 151 67.2 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 20.447 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW026254.D
 Acq: 19 Jun 2023 17:56

Tgt Ion: 96 Resp: 192353
 Ion Ratio Lower Upper
 96 100
 61 198.6 140.6 261.0
 63 158.4 131.7 244.5

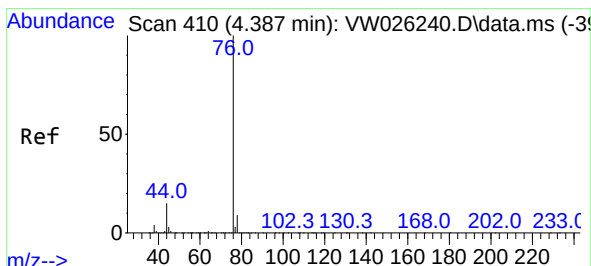
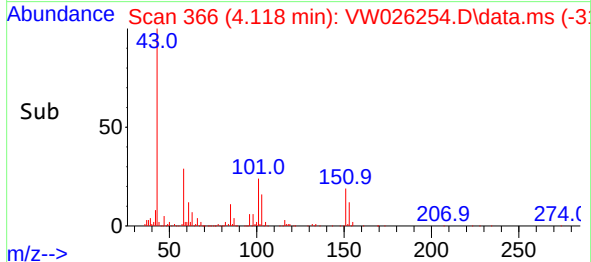
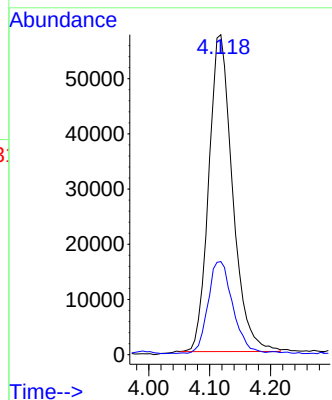
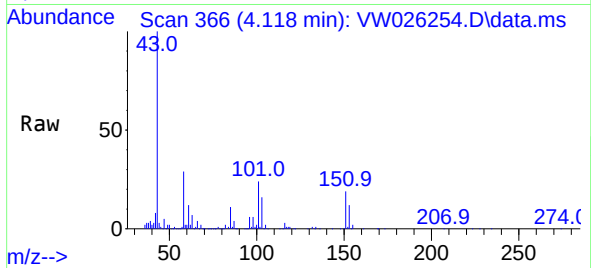




#13
Acetone
Concen: 66.586 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

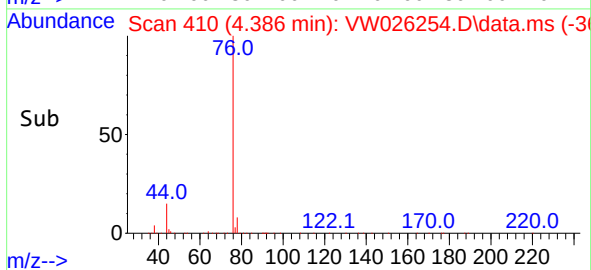
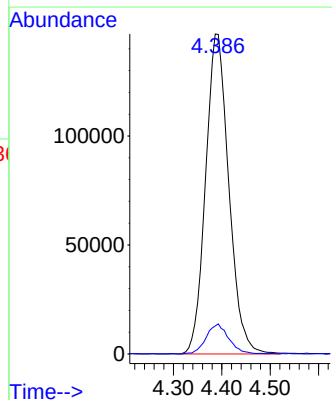
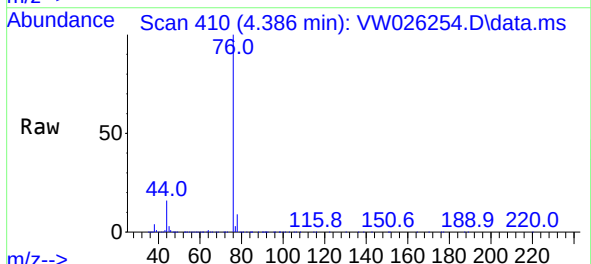
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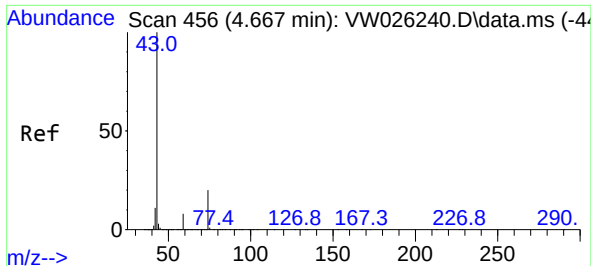
Tgt Ion: 43 Resp: 155915
Ion Ratio Lower Upper
43 100
58 30.6 0.0 58.2



#14
Carbon disulfide
Concen: 14.765 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 490339
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

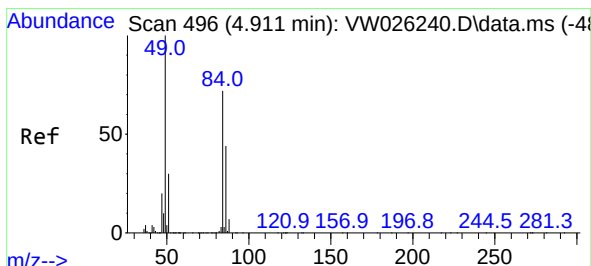
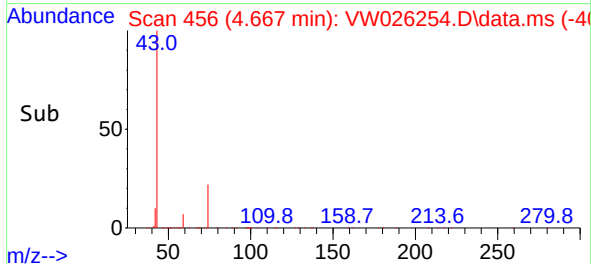
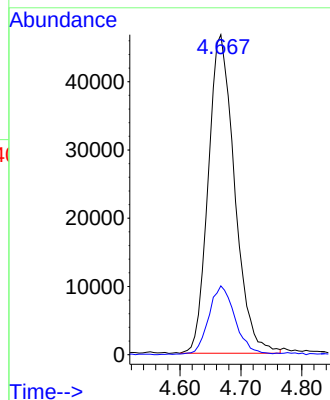
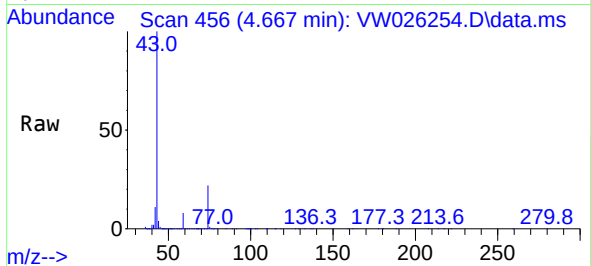




#15
Methyl Acetate
Concen: 26.709 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

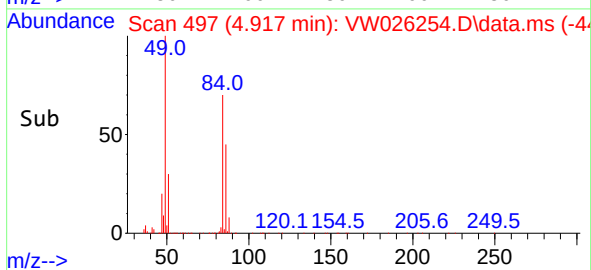
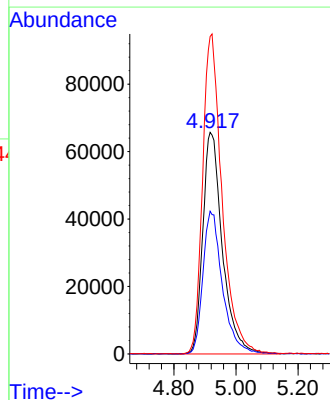
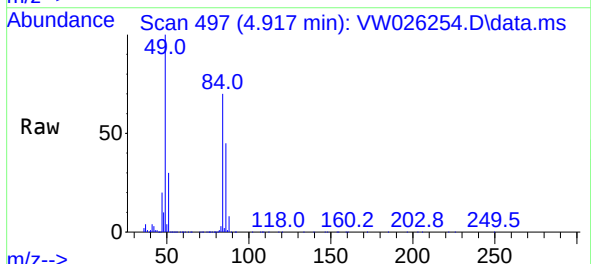
Instrument :
MSVOA_W
ClientSampleId :
YBW38MS

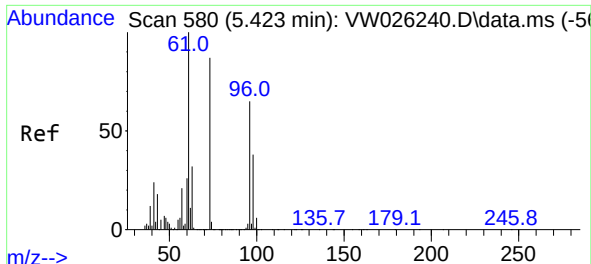
Tgt Ion: 43 Resp: 140365
Ion Ratio Lower Upper
43 100
74 21.4 16.6 25.0



#16
Methylene chloride
Concen: 24.381 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Tgt Ion: 84 Resp: 287527
Ion Ratio Lower Upper
84 100
86 64.4 44.2 82.0
49 143.3 98.8 183.6

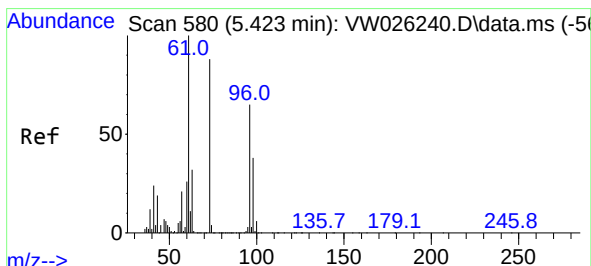
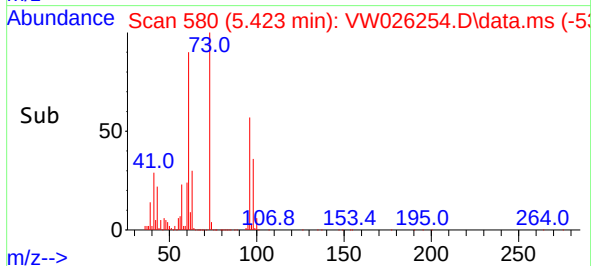
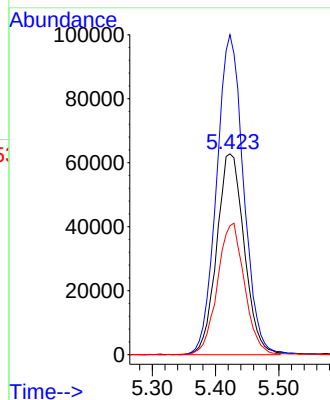
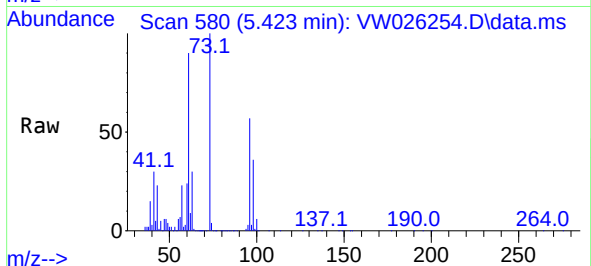




#17
trans-1,2-Dichloroethene
Concen: 17.978 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

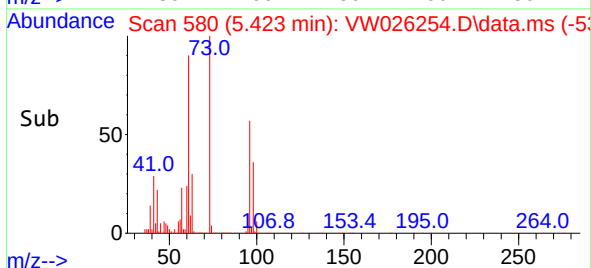
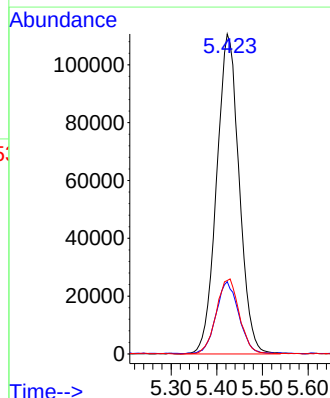
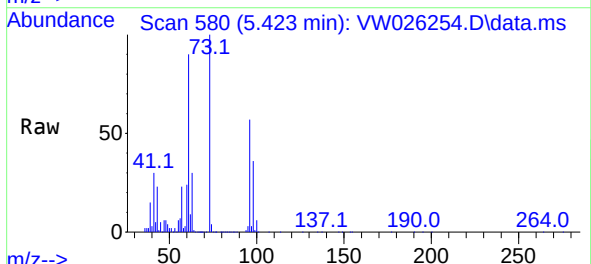
Instrument :
MSVOA_W
ClientSampleId :
YBW38MS

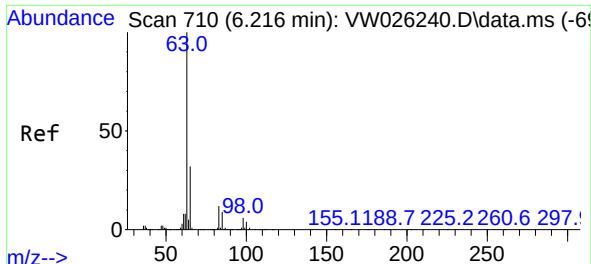
Tgt Ion: 96 Resp: 189751
Ion Ratio Lower Upper
96 100
61 159.4 113.0 209.8
98 64.2 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 22.792 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Tgt Ion: 73 Resp: 379142
Ion Ratio Lower Upper
73 100
43 22.4 17.8 26.6
57 23.7 18.9 28.3





#19

1,1-Dichloroethane

Concen: 22.378 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026254.D

Acq: 19 Jun 2023 17:56

Instrument :

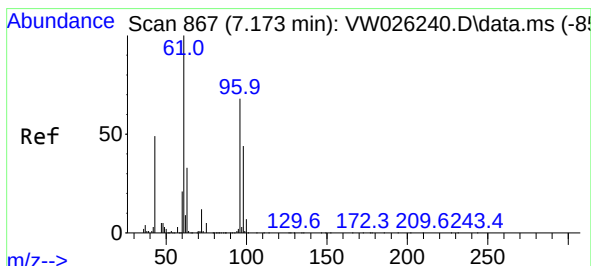
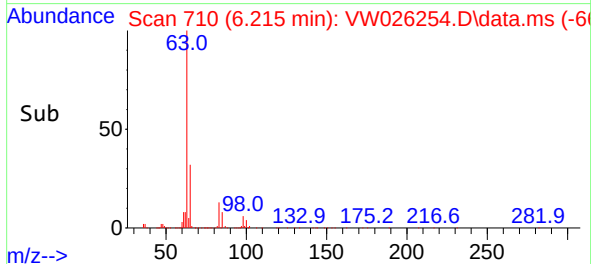
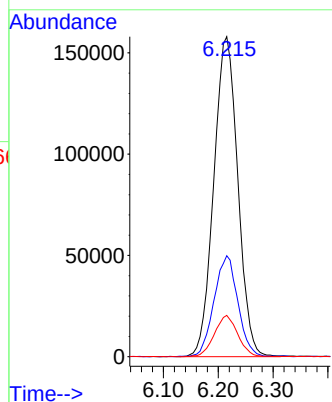
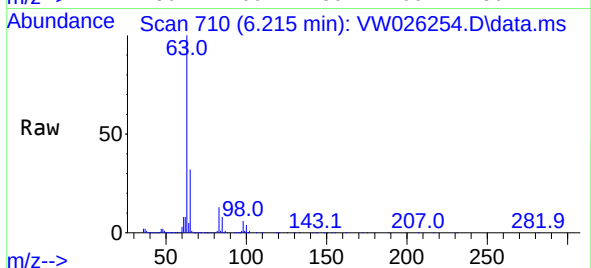
MSVOA_W

ClientSampleId :

YBW38MS

Tgt Ion: 63 Resp: 480853

Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.3	41.5
83	12.9	9.1	16.9



#20

cis-1,2-Dichloroethene

Concen: 20.506 ug/L

RT: 7.166 min Scan# 866

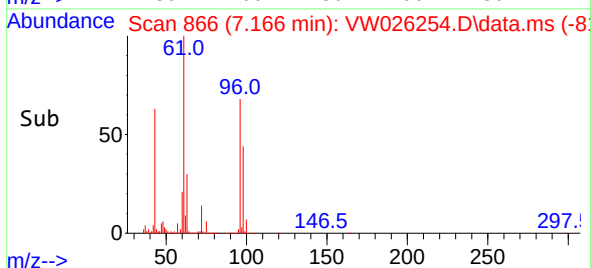
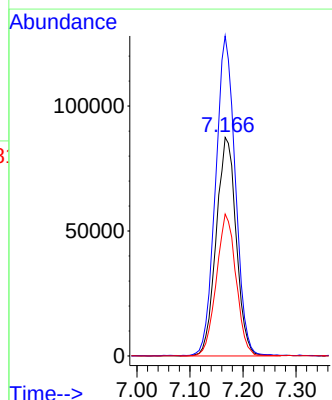
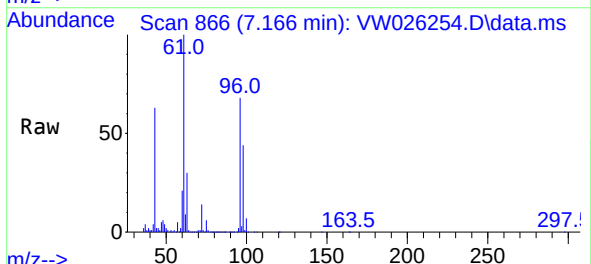
Delta R.T. -0.000 min

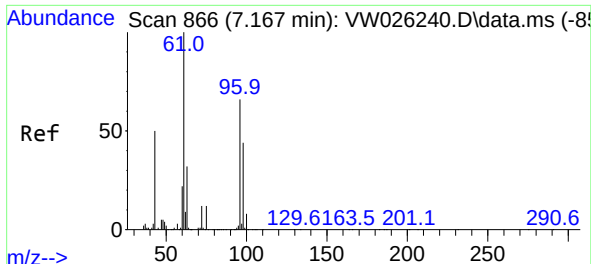
Lab File: VW026254.D

Acq: 19 Jun 2023 17:56

Tgt Ion: 96 Resp: 229265

Ion	Ratio	Lower	Upper
96	100		
61	146.4	98.4	182.8
98	64.9	45.2	84.0

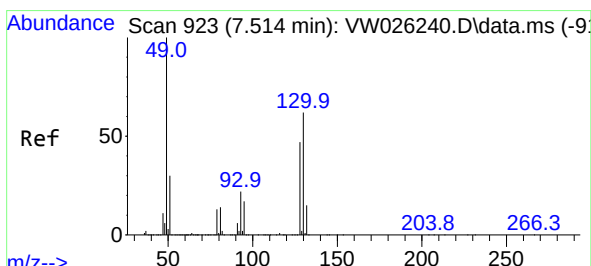
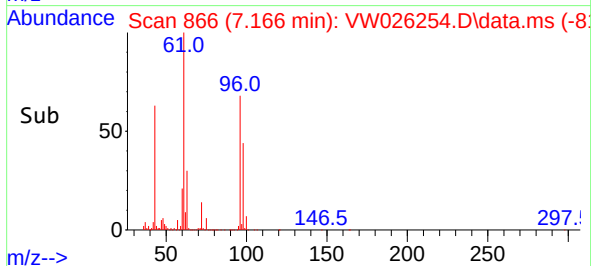
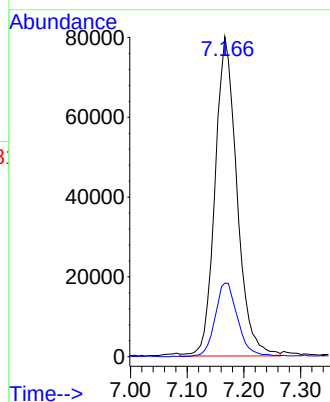
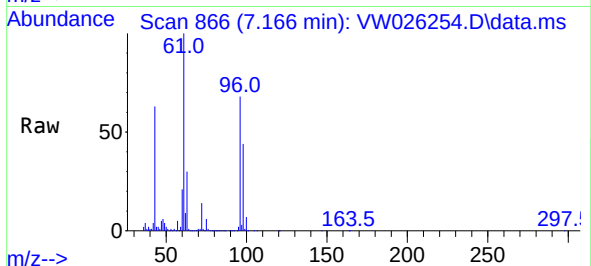




#22
2-Butanone
Concen: 64.338 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

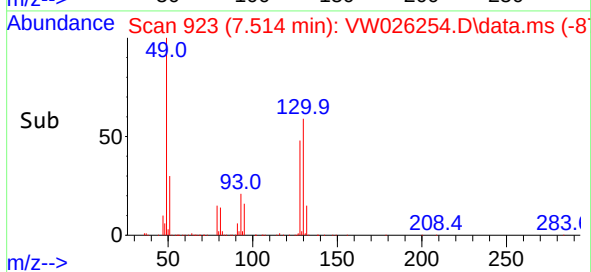
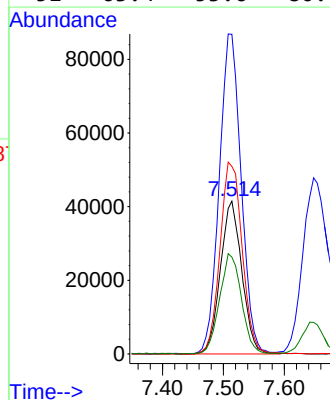
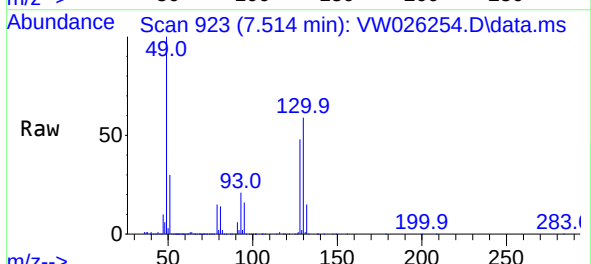
Instrument :
MSVOA_W
ClientSampleId :
YBW38MS

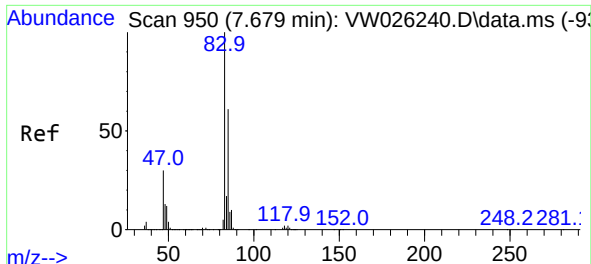
Tgt Ion: 43 Resp: 214902
Ion Ratio Lower Upper
43 100
72 23.6 12.4 37.4



#23
Bromochloromethane
Concen: 21.295 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Tgt Ion: 128 Resp: 101537
Ion Ratio Lower Upper
128 100
49 209.2 140.6 261.0
130 122.8 86.0 159.6
51 63.4 53.6 80.4

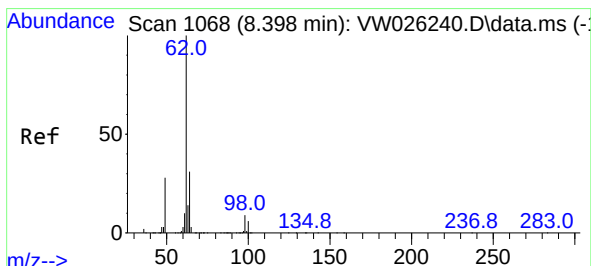
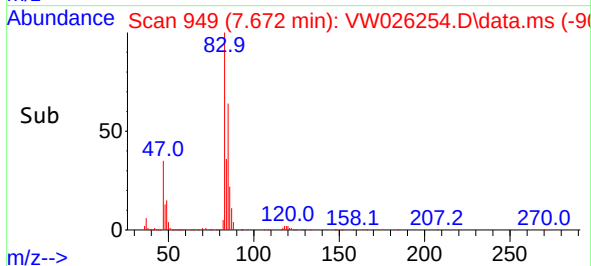
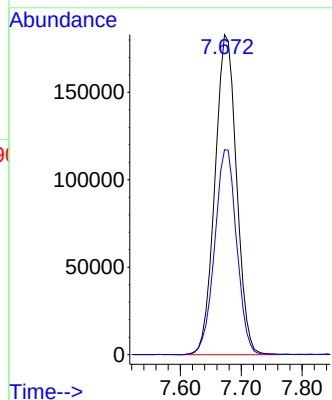
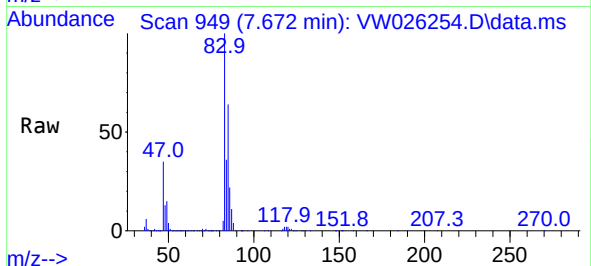




#25
Chloroform
Concen: 22.517 ug/L
RT: 7.672 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

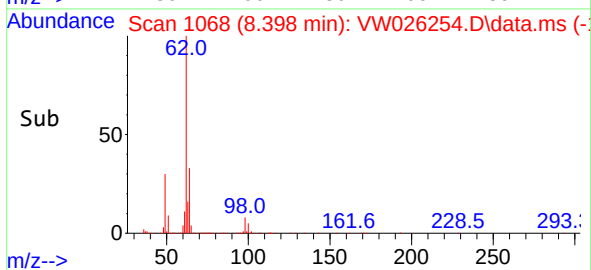
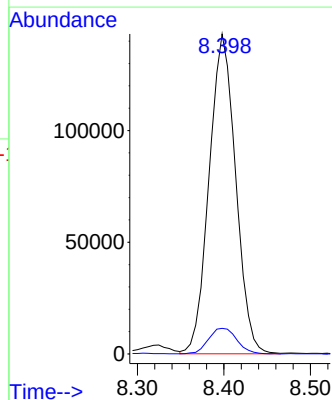
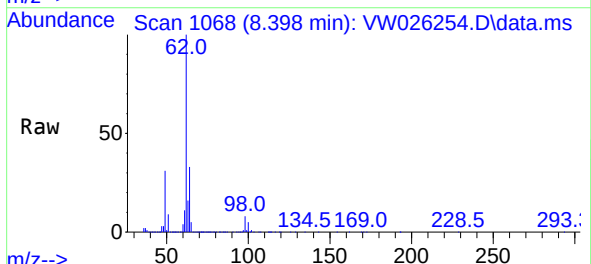
Instrument :
MSVOA_W
ClientSampleId :
YBW38MS

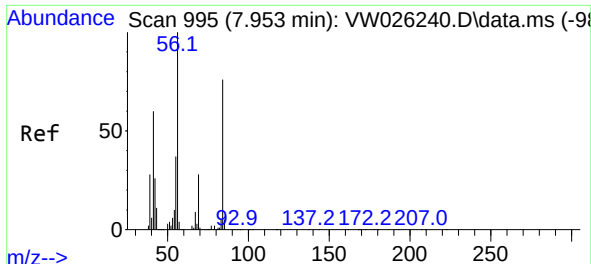
Tgt Ion: 83 Resp: 450663
Ion Ratio Lower Upper
83 100
85 64.1 45.1 83.7



#27
1,2-Dichloroethane
Concen: 22.095 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Tgt Ion: 62 Resp: 304983
Ion Ratio Lower Upper
62 100
98 8.0 7.4 11.2

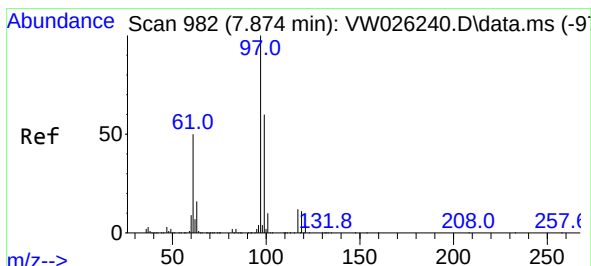
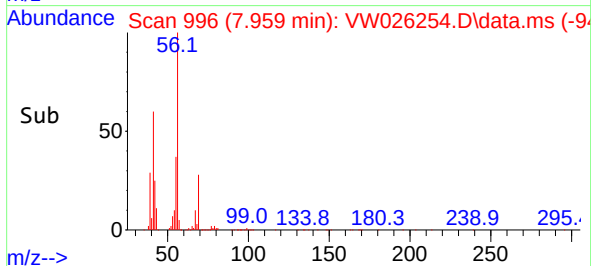
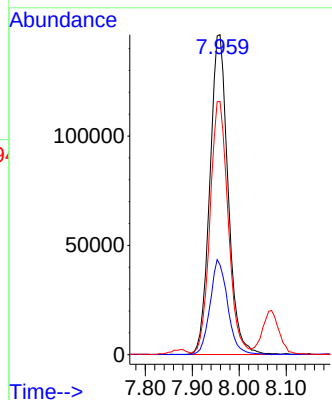
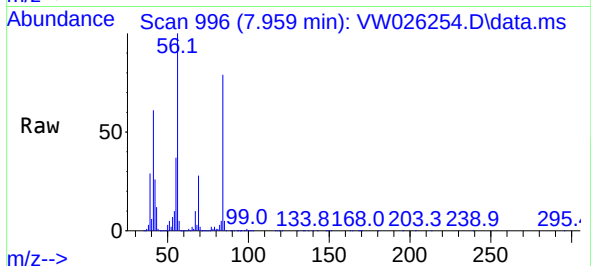




#29
Cyclohexane
Concen: 20.821 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

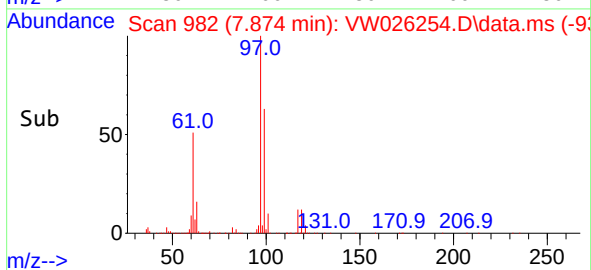
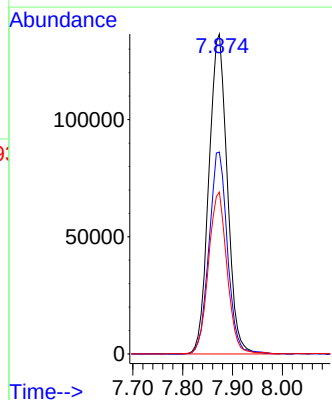
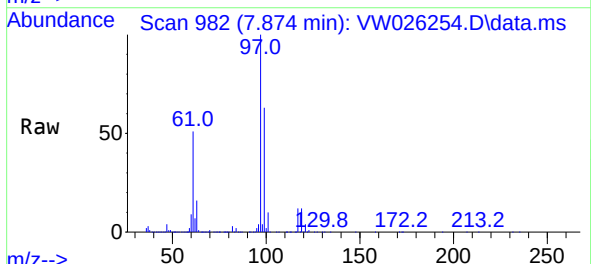
Instrument :
MSVOA_W
ClientSampleId :
YBW38MS

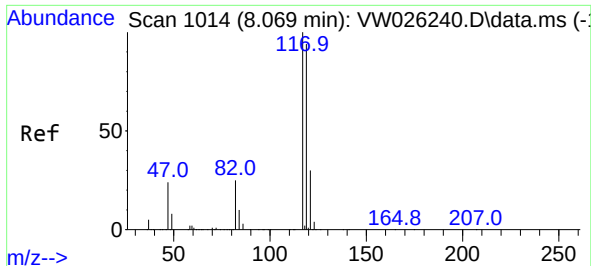
Tgt Ion: 56 Resp: 392958
Ion Ratio Lower Upper
56 100
69 28.8 23.3 34.9
84 78.9 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 23.577 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Tgt Ion: 97 Resp: 349758
Ion Ratio Lower Upper
97 100
99 63.4 50.6 76.0
61 51.0 40.5 60.7

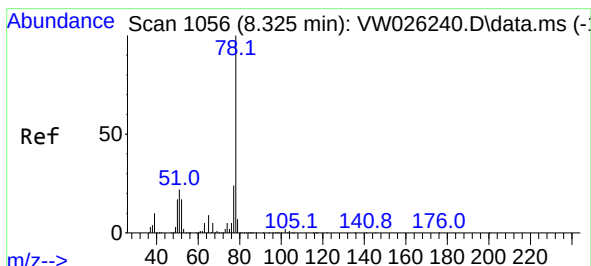
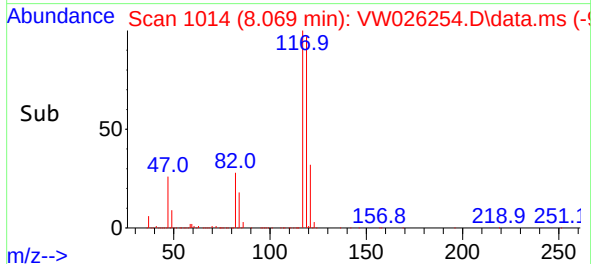
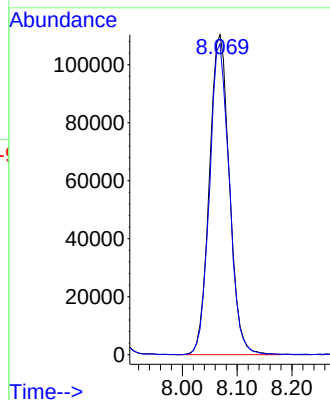
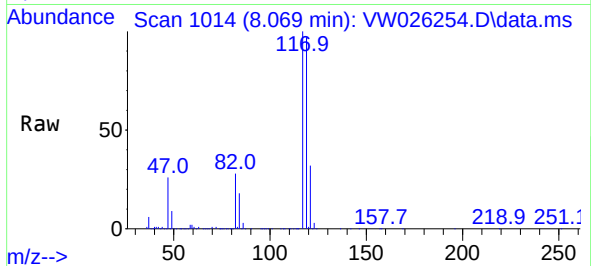




#31
Carbon tetrachloride
Concen: 20.655 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

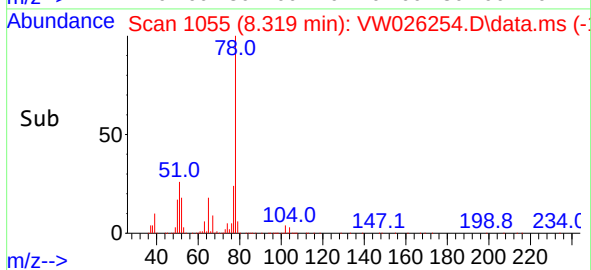
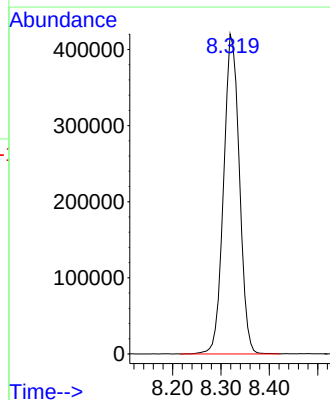
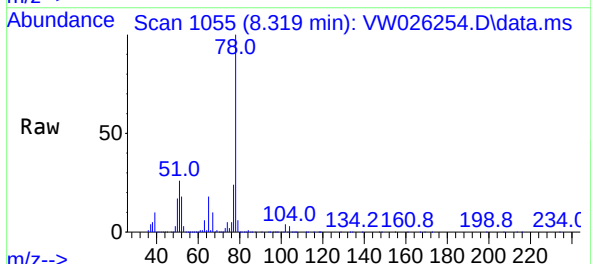
Instrument :
MSVOA_W
ClientSampleId :
YBW38MS

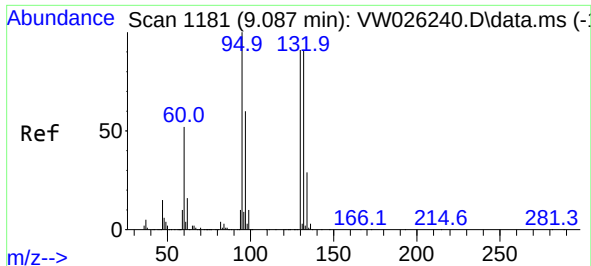
Tgt Ion:117 Resp: 279622
Ion Ratio Lower Upper
117 100
119 95.8 77.4 116.2



#33
Benzene
Concen: 22.753 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Tgt Ion: 78 Resp: 952840



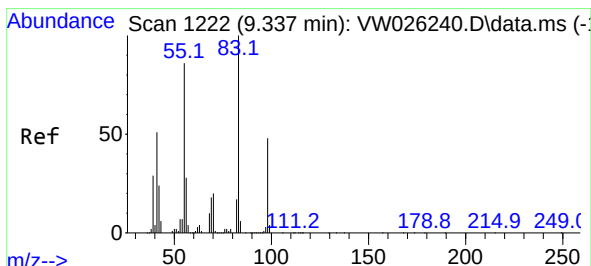
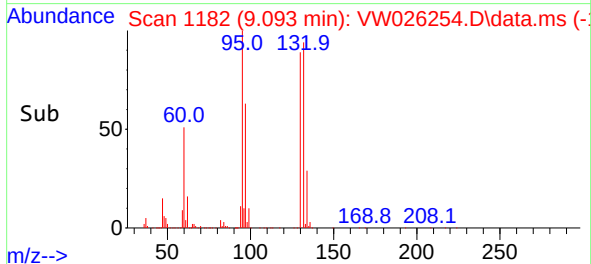
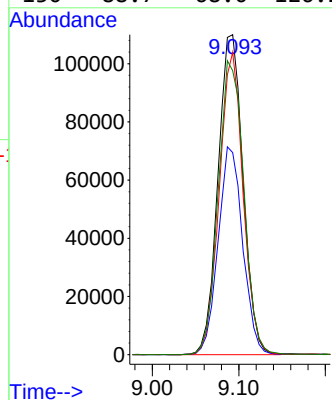
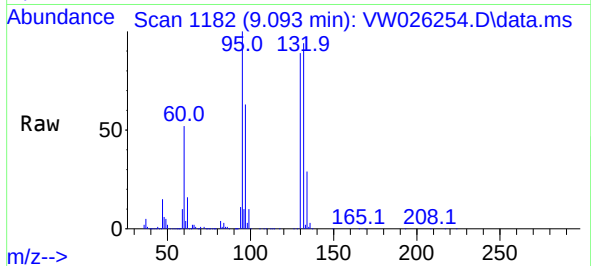


#34
Trichloroethene
Concen: 20.604 ug/L
RT: 9.093 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Instrument :
MSVOA_W
ClientSampleId :
YBW38MS

Tgt Ion: 95 Resp: 220937

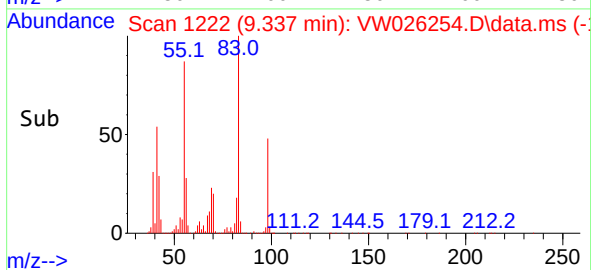
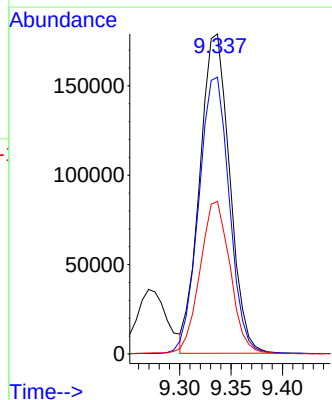
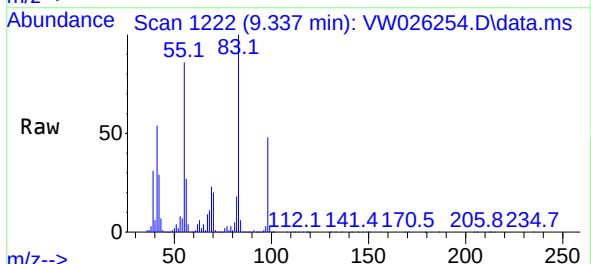
Ion	Ratio	Lower	Upper
95	100		
97	63.2	45.9	85.3
132	94.5	67.1	124.7
130	88.7	68.0	126.2

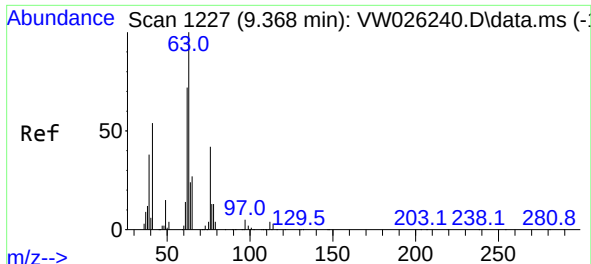


#35
Methylcyclohexane
Concen: 19.107 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Tgt Ion: 83 Resp: 362550

Ion	Ratio	Lower	Upper
83	100		
55	88.4	68.2	102.4
98	48.4	38.1	57.1





#37

1,2-Dichloropropane

Concen: 23.859 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026254.D

Acq: 19 Jun 2023 17:56

Instrument :

MSVOA_W

ClientSampleId :

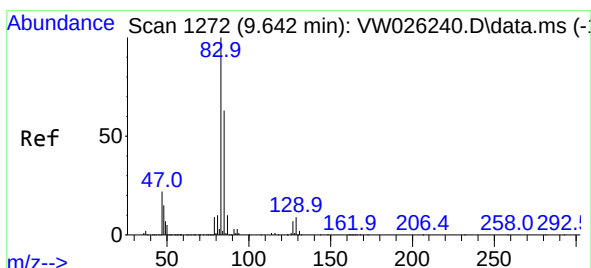
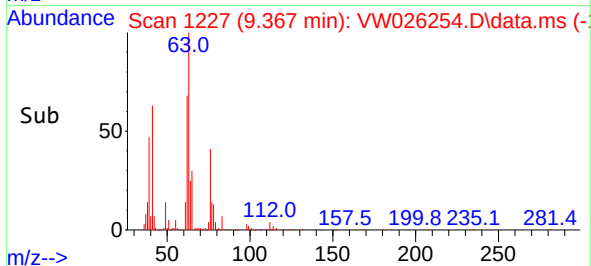
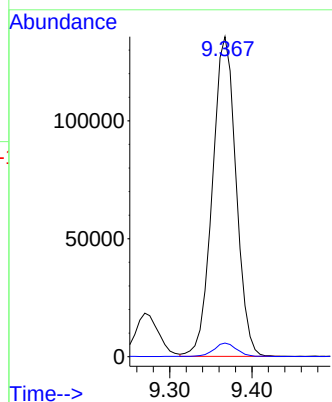
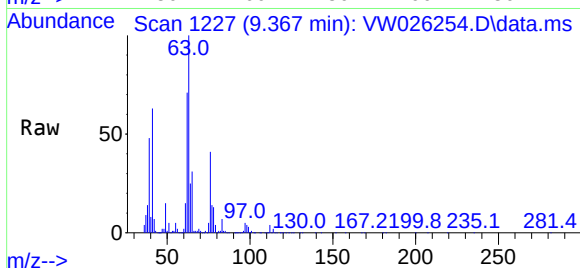
YBW38MS

Tgt Ion: 63 Resp: 270624

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 22.859 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026254.D

Acq: 19 Jun 2023 17:56

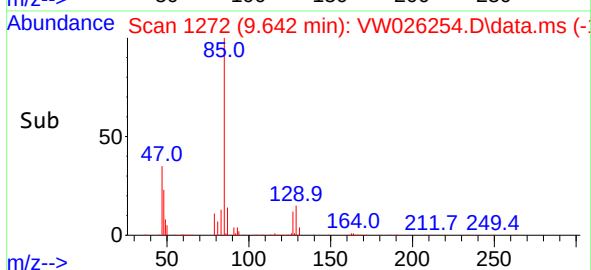
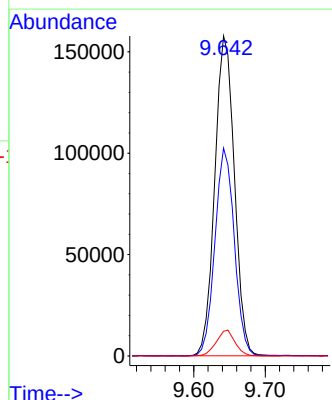
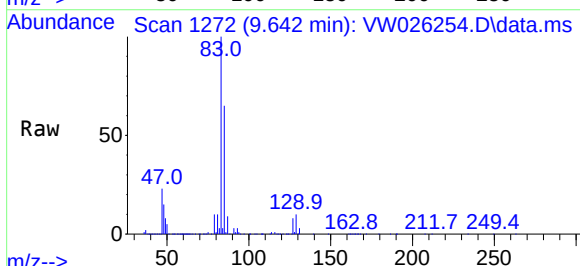
Tgt Ion: 83 Resp: 301232

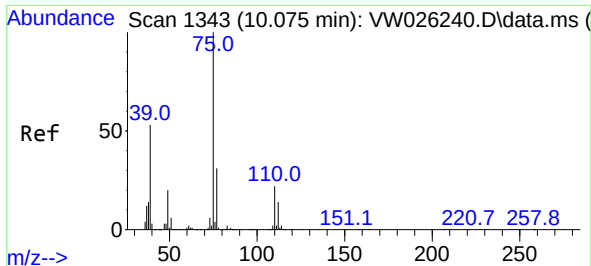
Ion Ratio Lower Upper

83 100

85 64.9 44.2 82.0

127 7.7 6.2 9.2

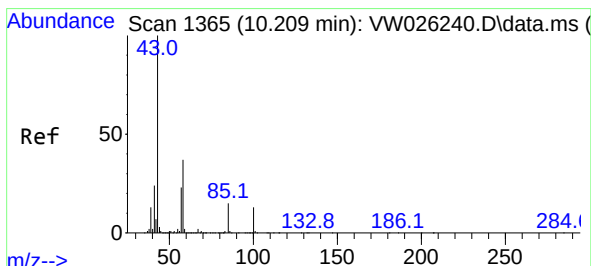
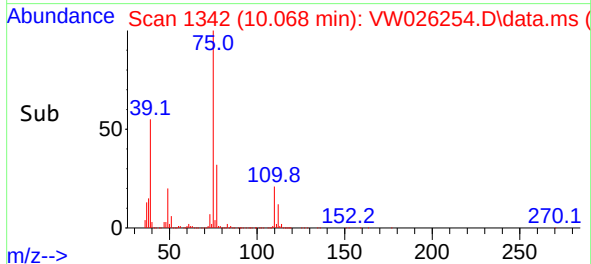
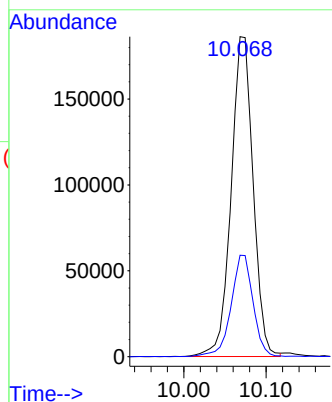
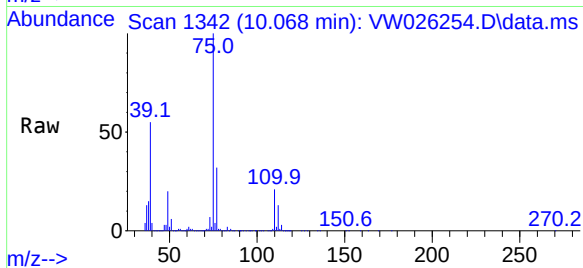




#39
cis-1,3-Dichloropropene
Concen: 20.771 ug/L
RT: 10.068 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

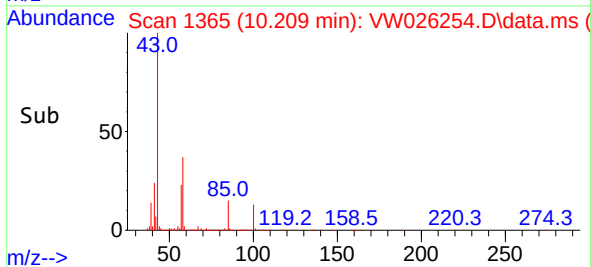
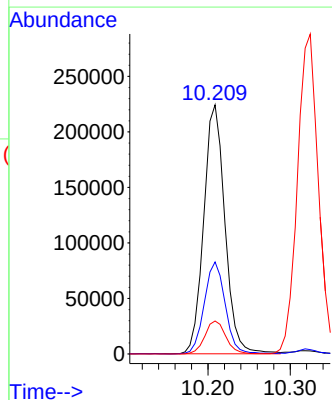
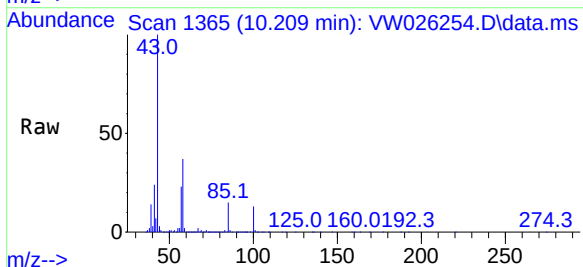
Instrument :
MSVOA_W
ClientSampleId :
YBW38MS

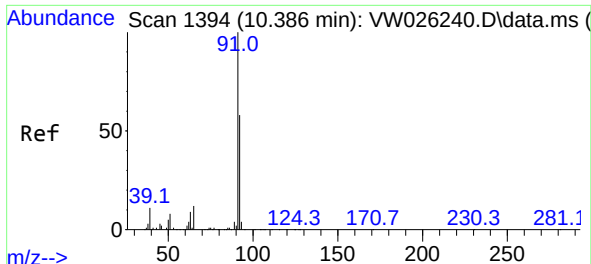
Tgt Ion: 75 Resp: 346217
Ion Ratio Lower Upper
75 100
77 31.7 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 60.137 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Tgt Ion: 43 Resp: 402149
Ion Ratio Lower Upper
43 100
58 36.6 29.0 43.4
100 13.1 10.5 15.7

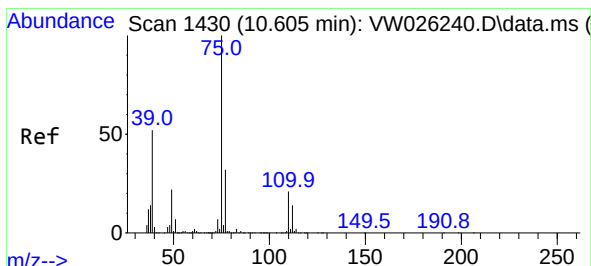
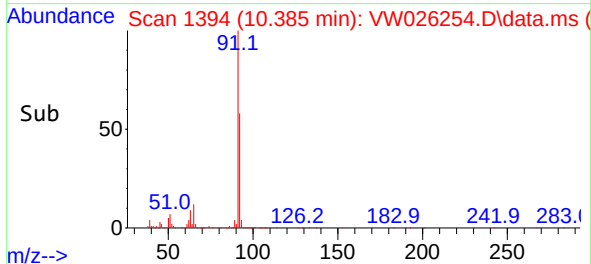
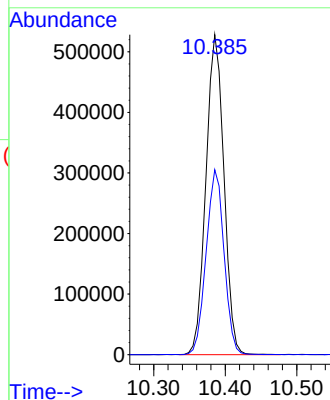
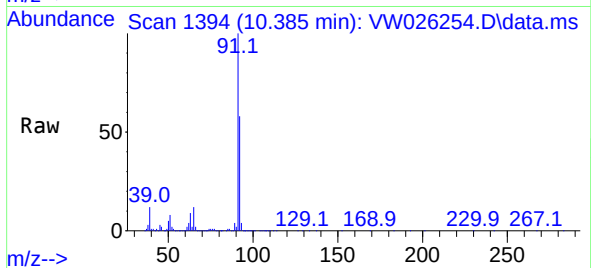




#42
Toluene
Concen: 21.573 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

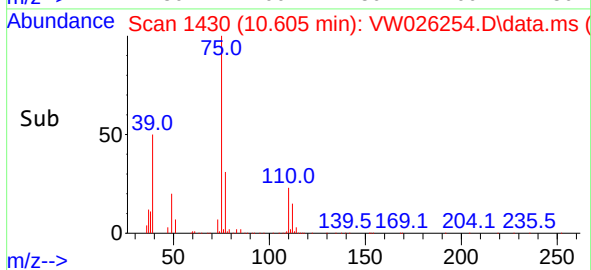
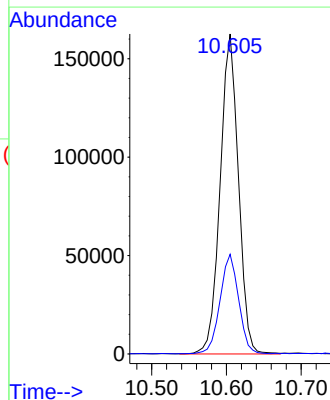
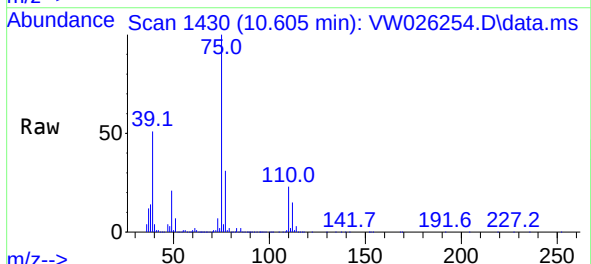
Instrument :
MSVOA_W
ClientSampleId :
YBW38MS

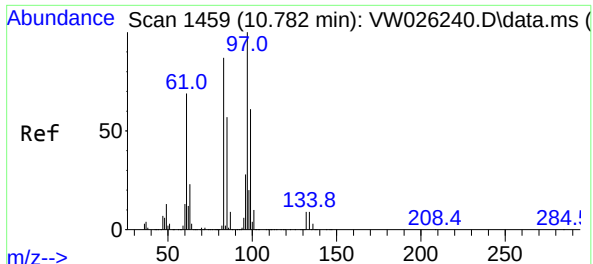
Tgt Ion: 91 Resp: 924043
Ion Ratio Lower Upper
91 100
92 57.8 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 19.872 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Tgt Ion: 75 Resp: 275951
Ion Ratio Lower Upper
75 100
77 31.2 21.1 39.3



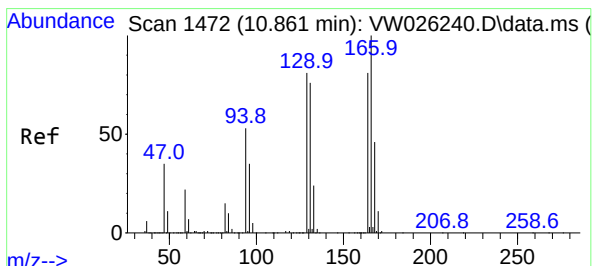
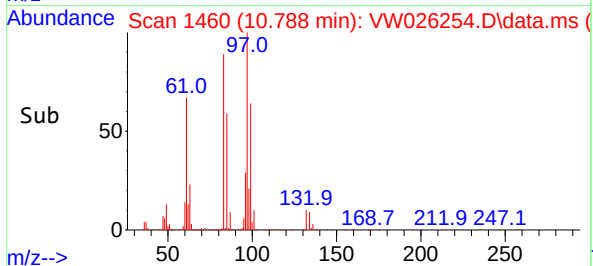
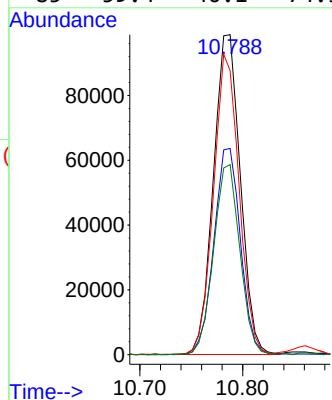
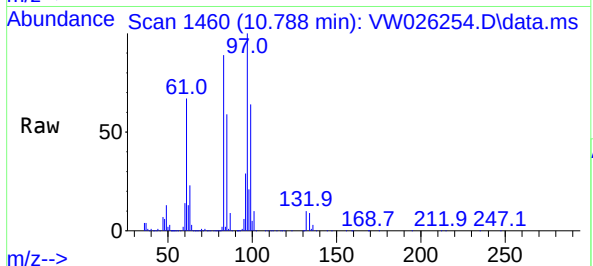


#45
1,1,2-Trichloroethane
Concen: 24.063 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Instrument :
MSVOA_W
ClientSampleId :
YBW38MS

Tgt Ion: 97 Resp: 179879

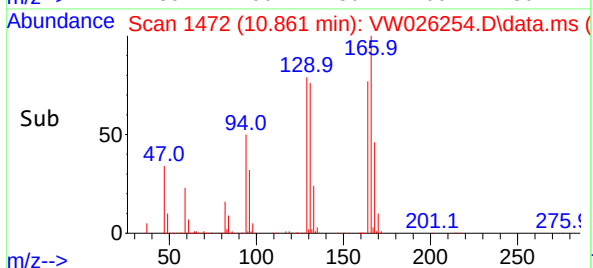
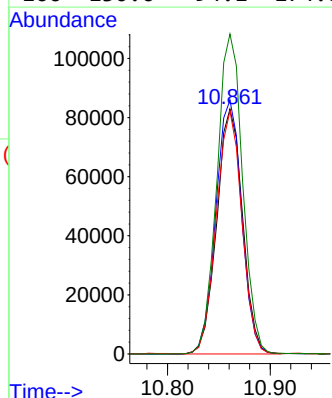
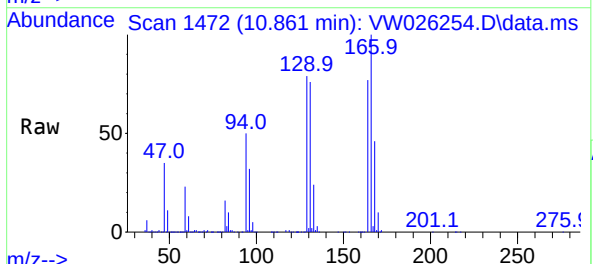
Ion	Ratio	Lower	Upper
97	100		
99	64.5	43.3	80.5
83	88.8	62.9	116.9
85	59.4	40.1	74.5

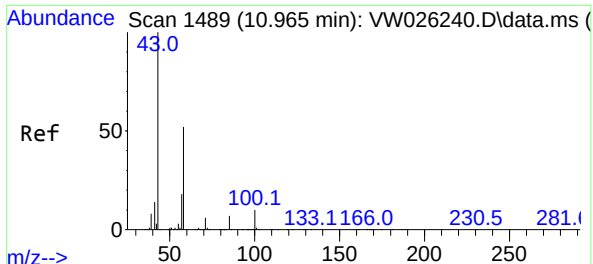


#46
Tetrachloroethene
Concen: 19.033 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Tgt Ion: 164 Resp: 144362

Ion	Ratio	Lower	Upper
164	100		
129	103.6	68.5	127.1
131	99.2	67.1	124.7
166	130.6	94.1	174.8



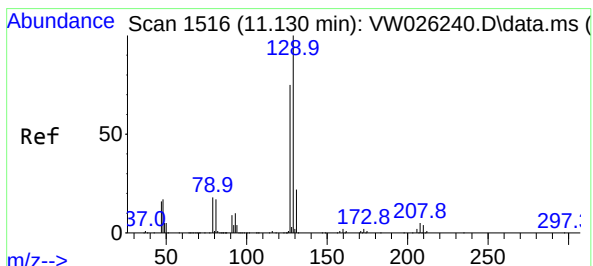
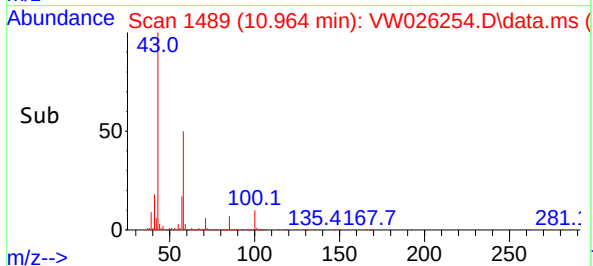
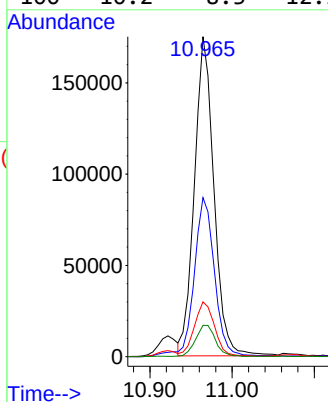
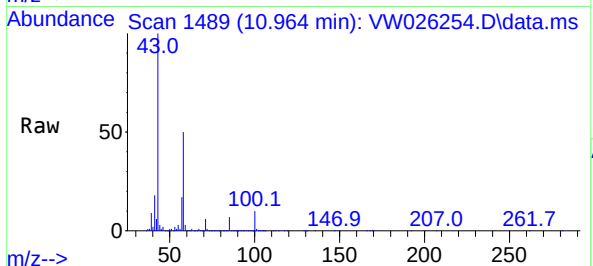


#48
2-Hexanone
Concen: 61.345 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Instrument :
MSVOA_W
ClientSampleId :
YBW38MS

Tgt Ion: 43 Resp: 289248

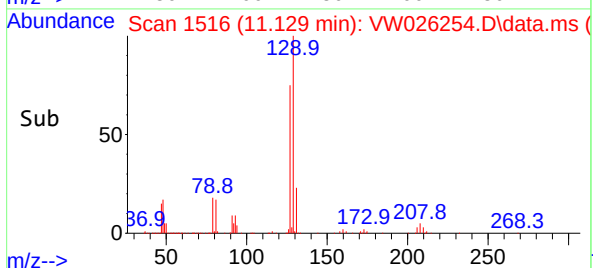
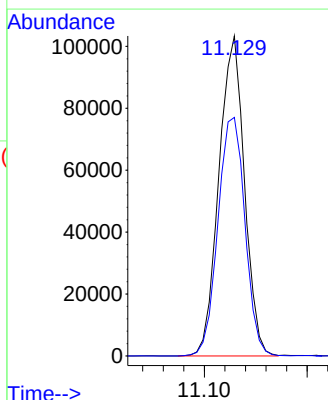
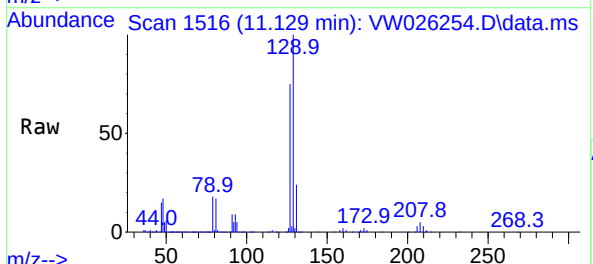
Ion	Ratio	Lower	Upper
43	100		
58	50.4	42.2	63.2
57	17.8	14.2	21.2
100	10.2	8.3	12.5

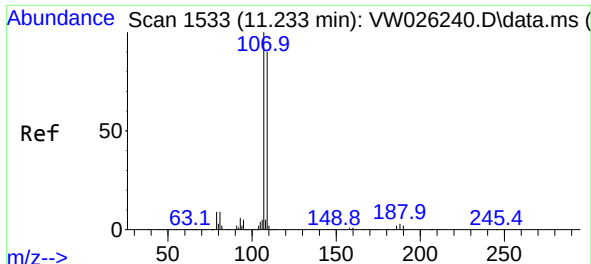


#49
Dibromochloromethane
Concen: 22.735 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Tgt Ion: 129 Resp: 178186

Ion	Ratio	Lower	Upper
129	100		
127	74.5	56.9	105.7

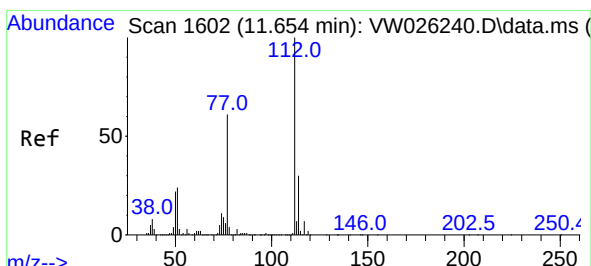
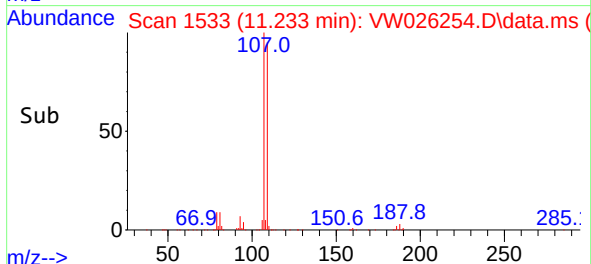
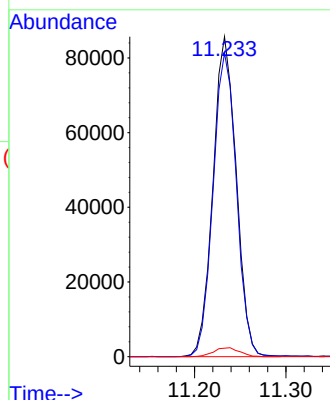
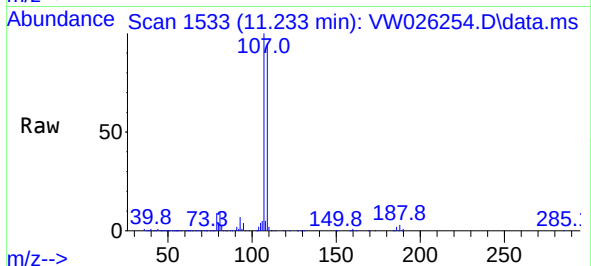




#50
1,2-Dibromoethane
Concen: 21.891 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

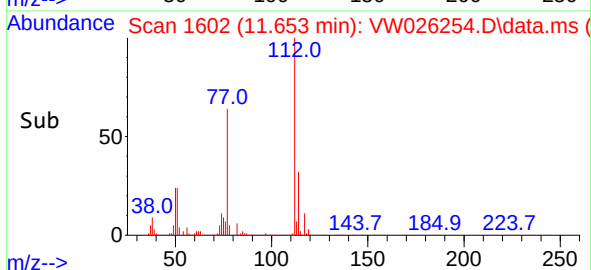
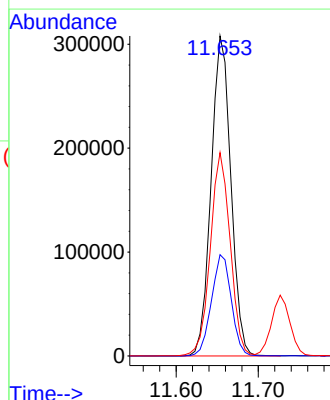
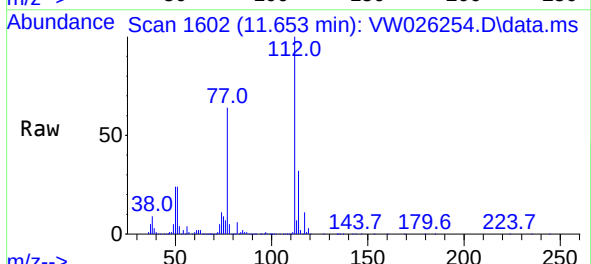
Instrument :
MSVOA_W
ClientSampleId :
YBW38MS

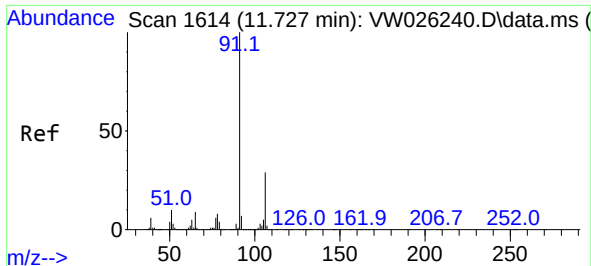
Tgt Ion:	107	Resp:	151526
Ion	Ratio	Lower	Upper
107	100		
109	94.9	64.0	119.0
188	2.6	2.6	3.8



#51
Chlorobenzene
Concen: 19.160 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Tgt Ion:	112	Resp:	514253
Ion	Ratio	Lower	Upper
112	100		
114	31.7	23.0	42.6
77	63.5	50.9	76.3

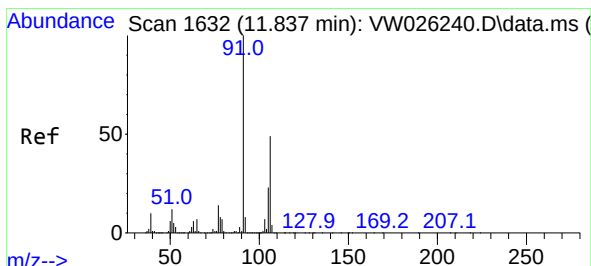
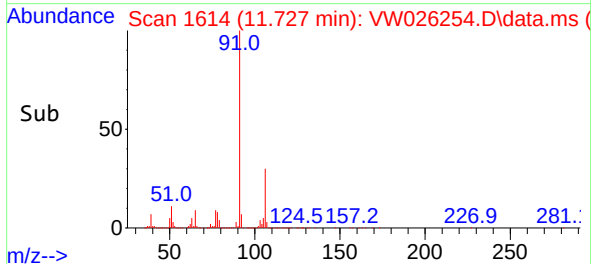
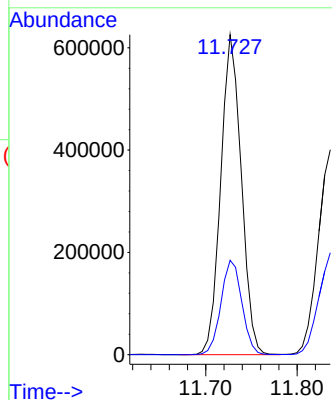
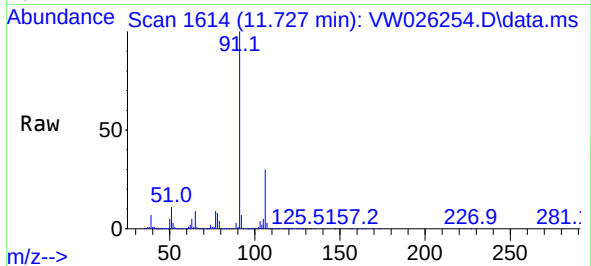




#52
Ethylbenzene
Concen: 20.242 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

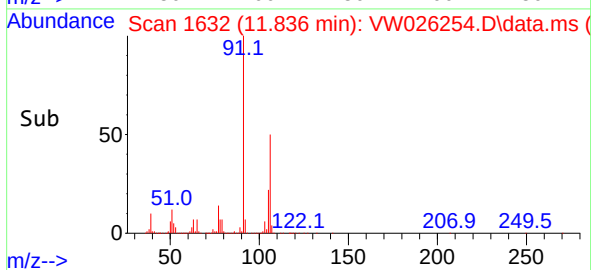
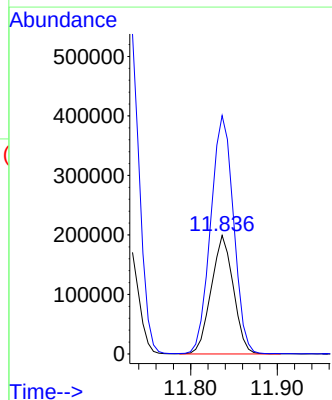
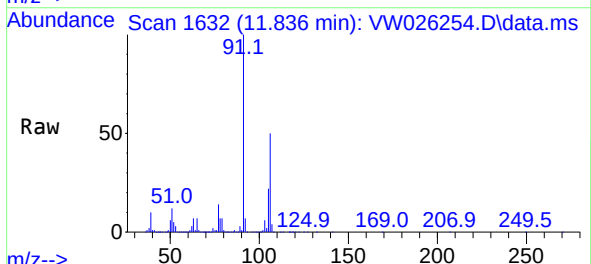
Instrument :
MSVOA_W
ClientSampleId :
YBW38MS

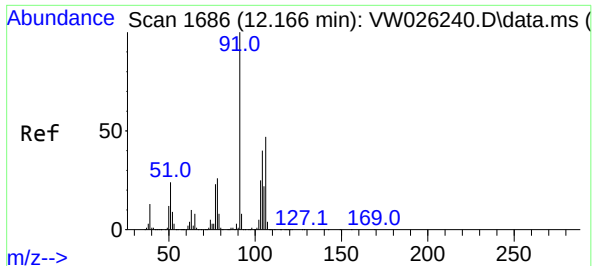
Tgt Ion: 91 Resp: 978037
Ion Ratio Lower Upper
91 100
106 29.5 21.2 39.4



#53
m,p-Xylene
Concen: 19.655 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Tgt Ion:106 Resp: 353301
Ion Ratio Lower Upper
106 100
91 201.2 149.5 277.7

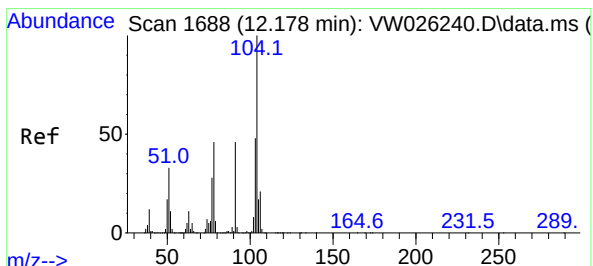
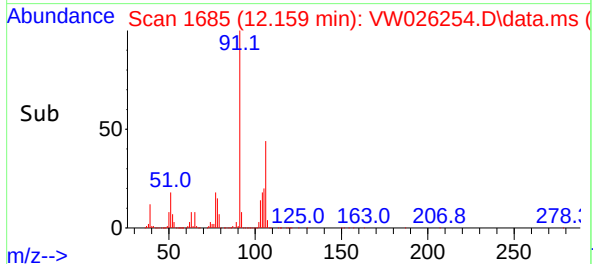
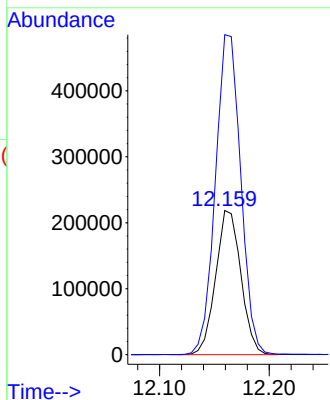
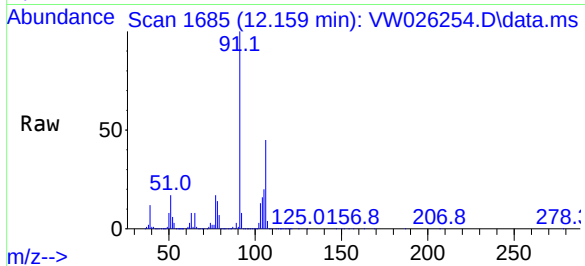




#54
o-Xylene
Concen: 20.595 ug/L
RT: 12.159 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

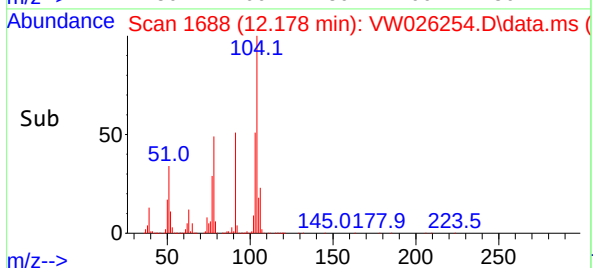
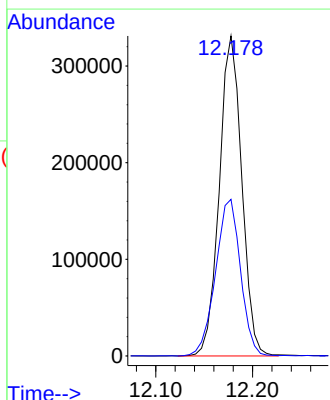
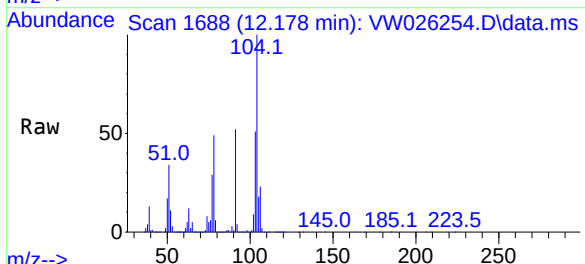
Instrument :
MSVOA_W
ClientSampleId :
YBW38MS

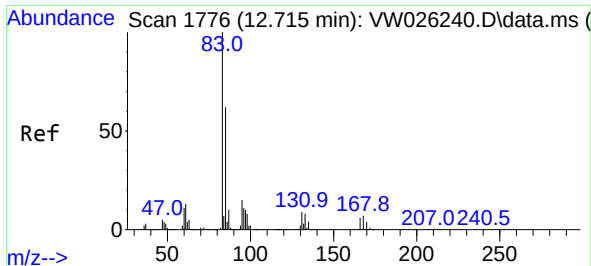
Tgt Ion:106 Resp: 349402
Ion Ratio Lower Upper
106 100
91 222.0 150.9 280.3



#55
Styrene
Concen: 18.334 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Tgt Ion:104 Resp: 533610
Ion Ratio Lower Upper
104 100
78 49.0 32.6 60.6

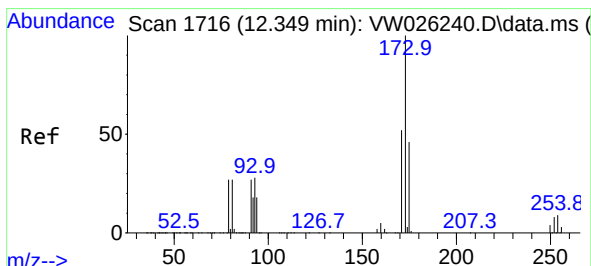
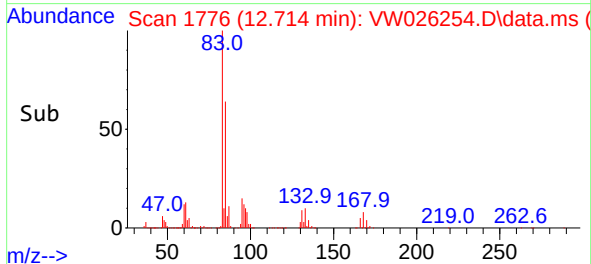
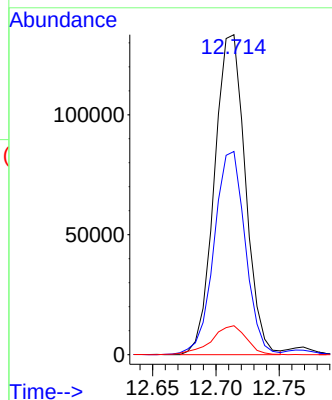
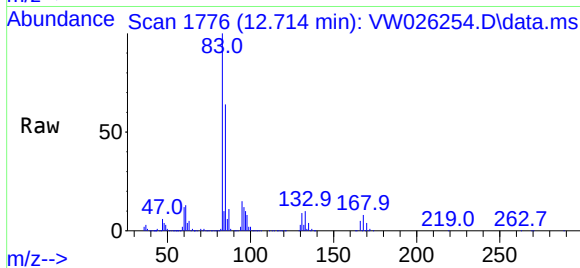




#57
1,1,2,2-Tetrachloroethane
Concen: 25.073 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

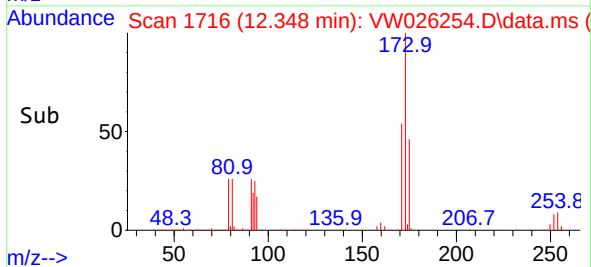
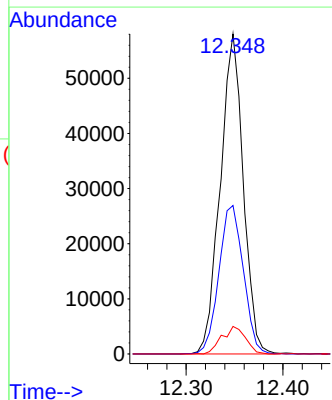
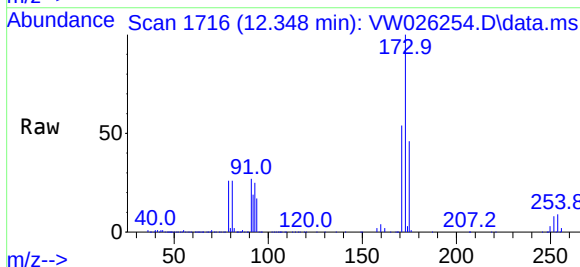
Instrument :
MSVOA_W
ClientSampleId :
YBW38MS

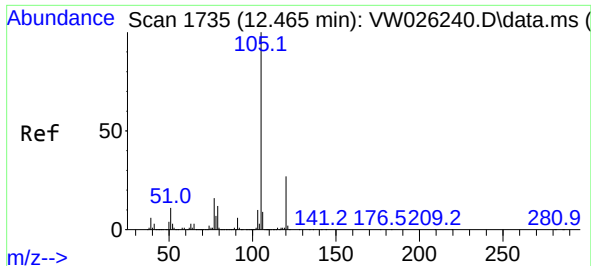
Tgt Ion: 83 Resp: 226835
Ion Ratio Lower Upper
83 100
85 63.5 42.6 79.0
131 9.0 7.2 10.8



#59
Bromoform
Concen: 28.641 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Tgt Ion: 173 Resp: 95791
Ion Ratio Lower Upper
173 100
175 49.3 38.6 57.8
254 8.8 7.4 11.0

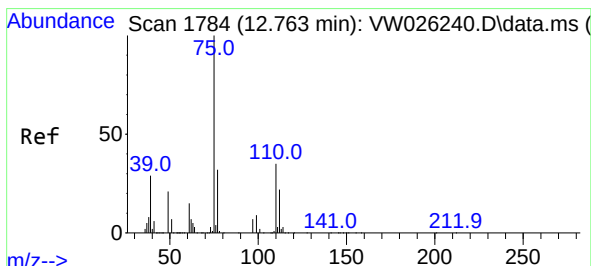
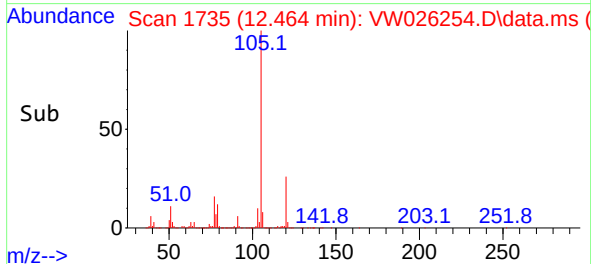
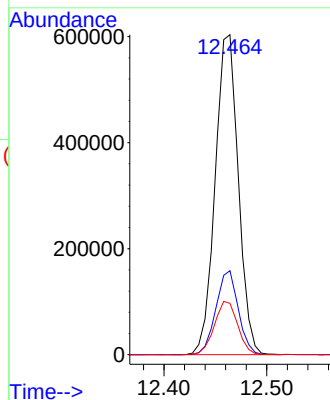
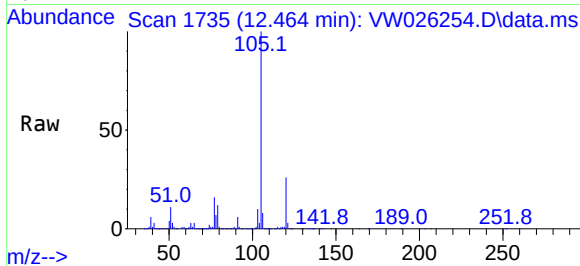




#60
Isopropylbenzene
Concen: 26.963 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

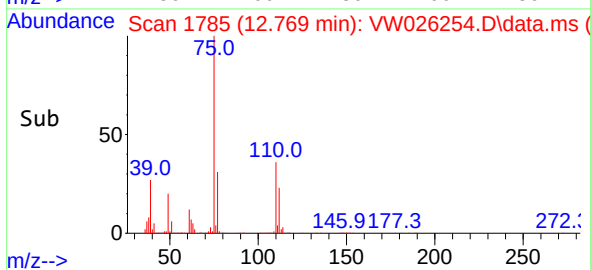
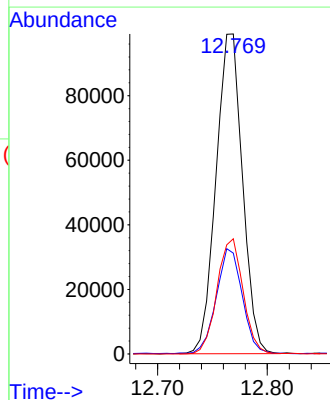
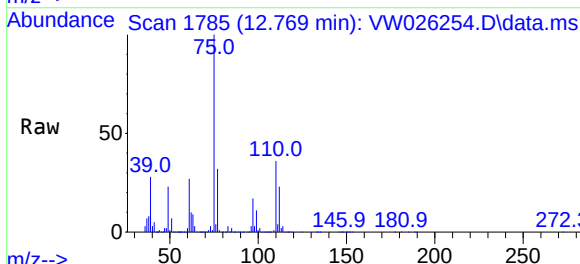
Instrument :
MSVOA_W
ClientSampleId :
YBW38MS

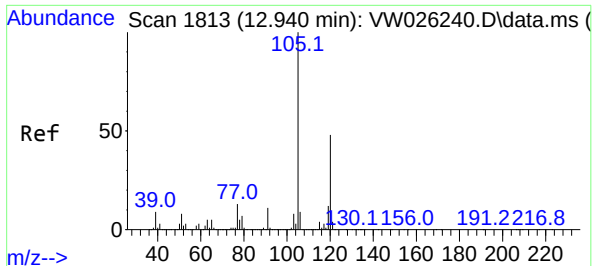
Tgt Ion:	105	Resp:	943192
Ion	Ratio	Lower	Upper
105	100		
120	25.5	19.8	29.8
77	16.8	13.3	19.9



#61
1,2,3-Trichloropropane
Concen: 33.360 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Tgt Ion:	75	Resp:	166395
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.2	37.8
110	35.4	28.7	43.1





#62

1,3,5-Trimethylbenzene

Concen: 25.664 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026254.D

Acq: 19 Jun 2023 17:56

Instrument :

MSVOA_W

ClientSampleId :

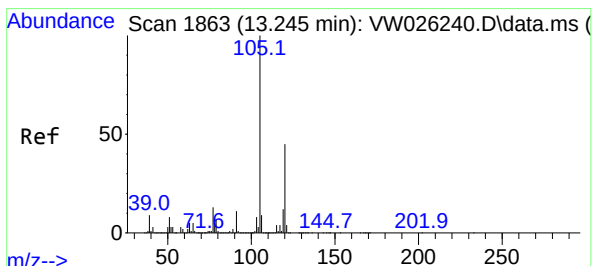
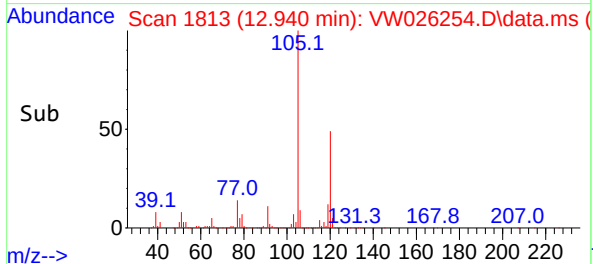
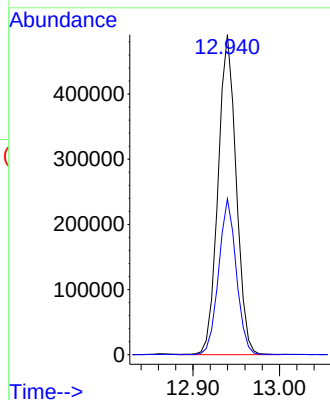
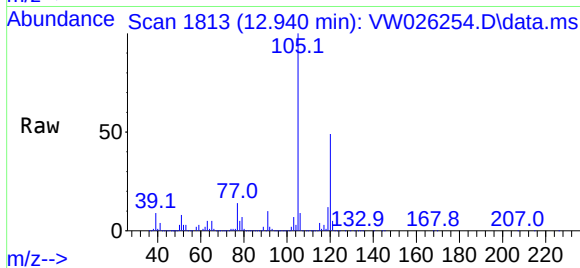
YBW38MS

Tgt Ion:105 Resp: 713668

Ion Ratio Lower Upper

105 100

120 47.3 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 24.250 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW026254.D

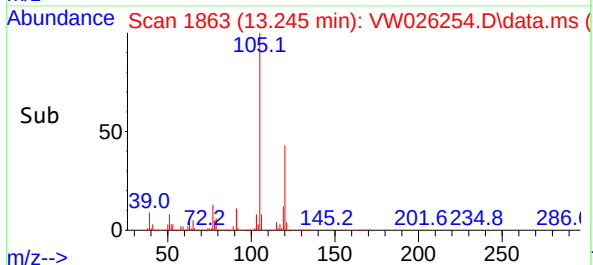
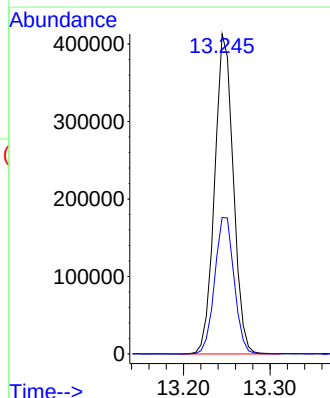
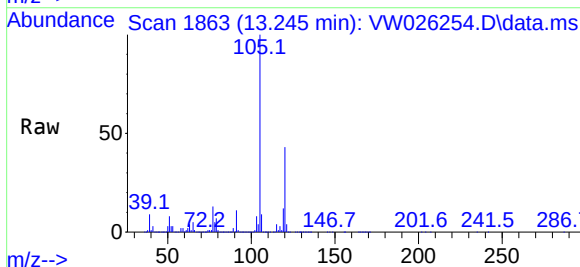
Acq: 19 Jun 2023 17:56

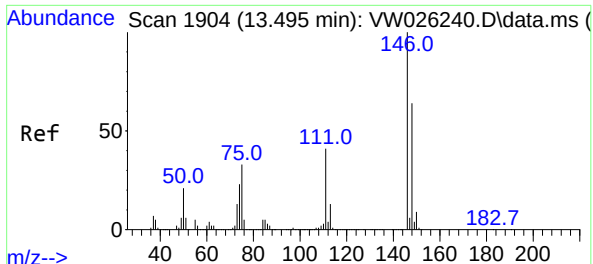
Tgt Ion:105 Resp: 617637

Ion Ratio Lower Upper

105 100

120 44.3 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 19.176 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW026254.D

Acq: 19 Jun 2023 17:56

Instrument :

MSVOA_W

ClientSampleId :

YBW38MS

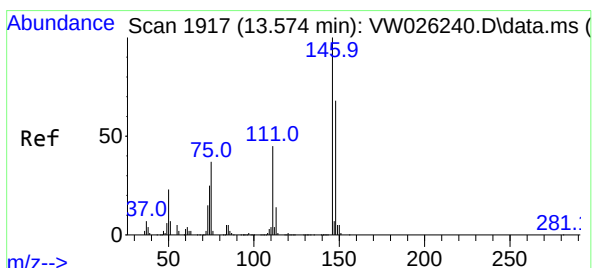
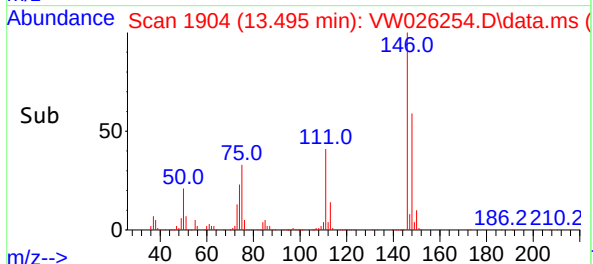
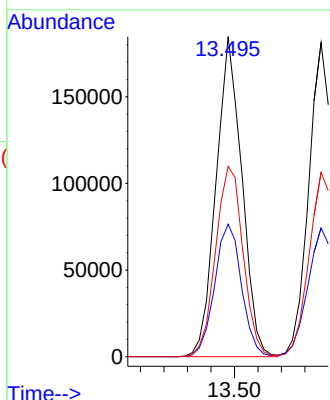
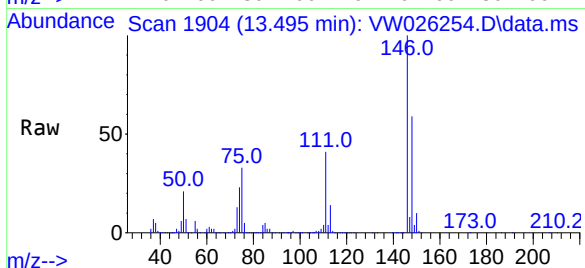
Tgt Ion:146 Resp: 282041

Ion Ratio Lower Upper

146 100

111 41.4 29.7 55.1

148 59.4 45.4 84.4



#65

1,4-Dichlorobenzene

Concen: 19.169 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW026254.D

Acq: 19 Jun 2023 17:56

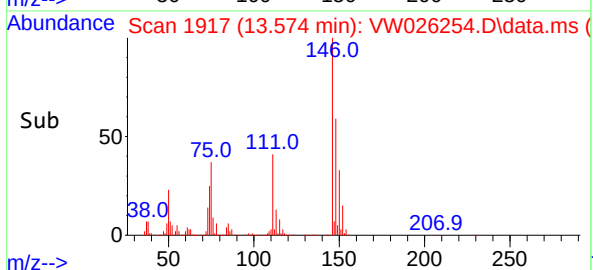
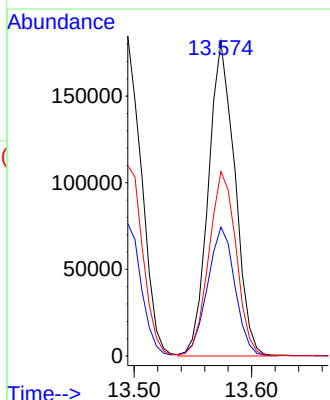
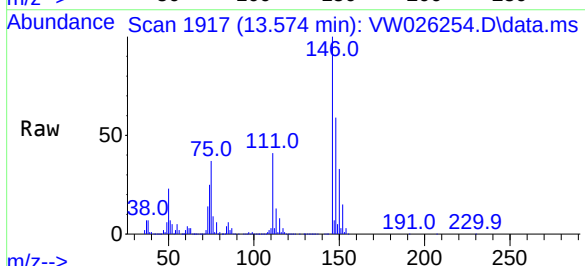
Tgt Ion:146 Resp: 283847

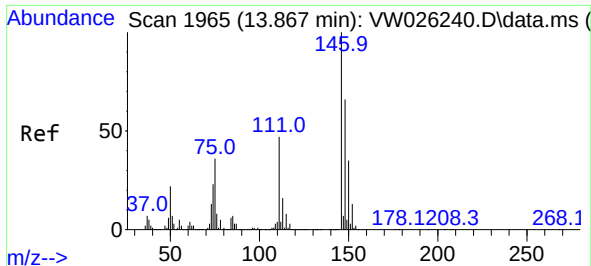
Ion Ratio Lower Upper

146 100

111 41.0 29.2 54.2

148 58.7 42.8 79.6

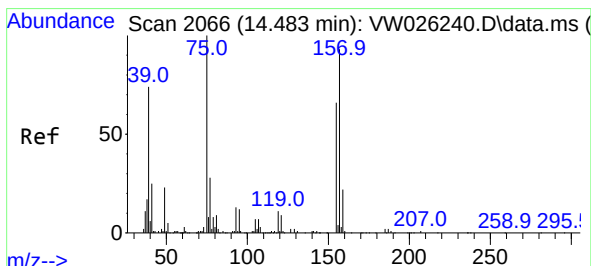
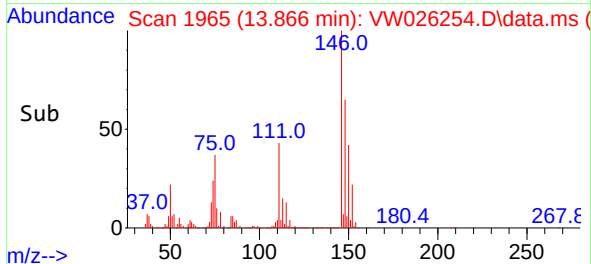
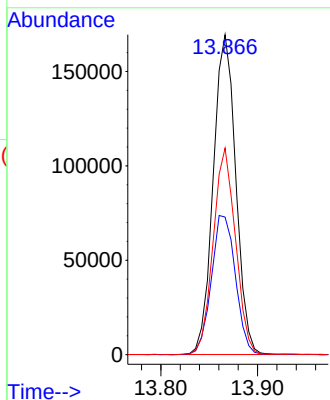
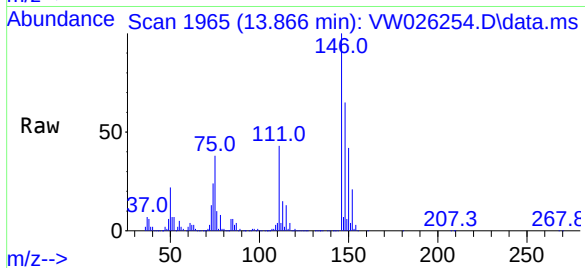




#67
1,2-Dichlorobenzene
Concen: 20.759 ug/L
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

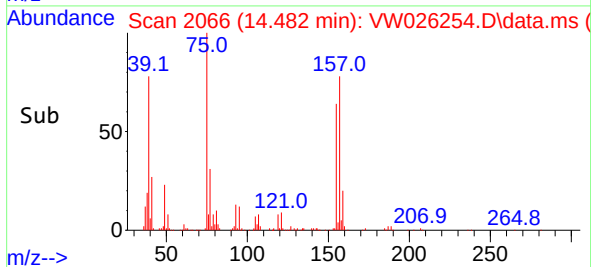
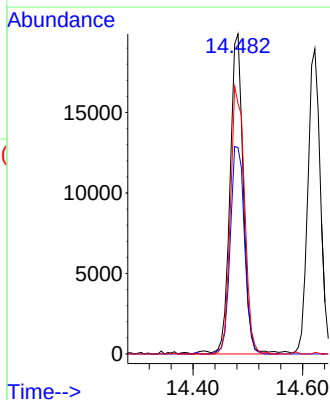
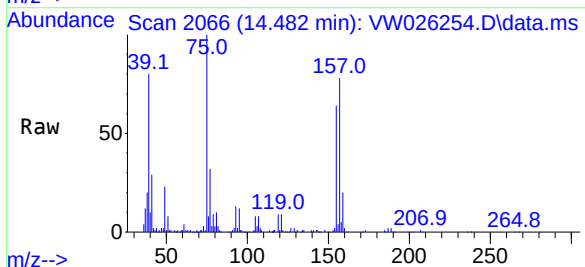
Instrument :
MSVOA_W
ClientSampleId :
YBW38MS

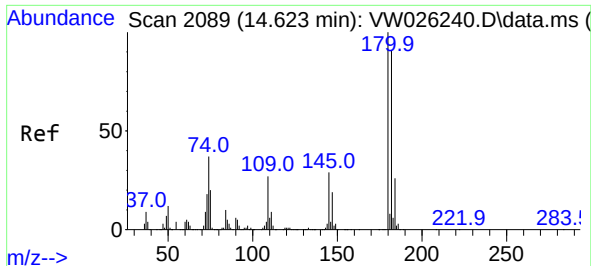
Tgt Ion:146 Resp: 274177
Ion Ratio Lower Upper
146 100
111 43.0 35.4 53.0
148 64.6 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 28.994 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Tgt Ion: 75 Resp: 33506
Ion Ratio Lower Upper
75 100
155 64.4 59.0 88.6
157 78.2 71.7 107.5

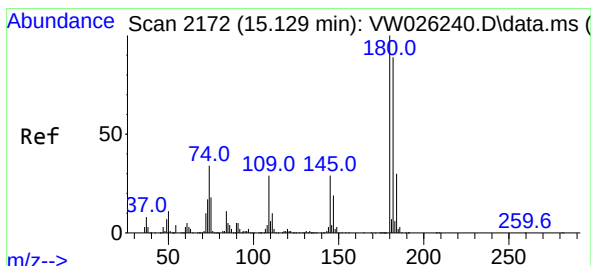
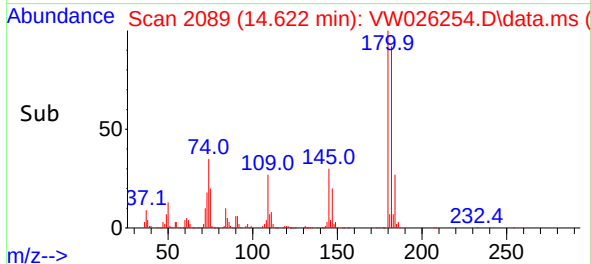
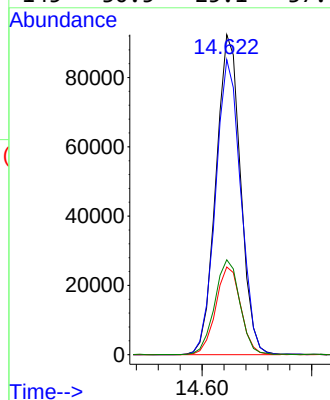
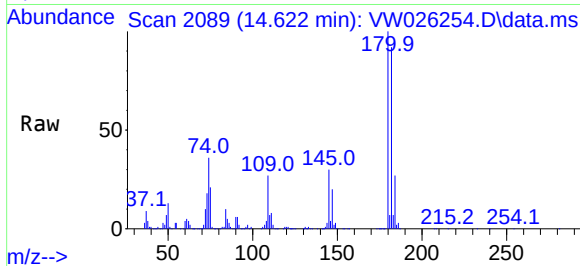




#69
1,3,5-Trichlorobenzene
Concen: 14.219 ug/L
RT: 14.622 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

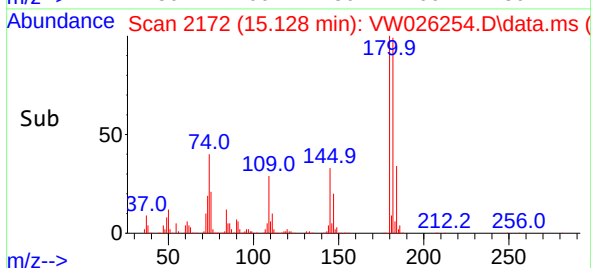
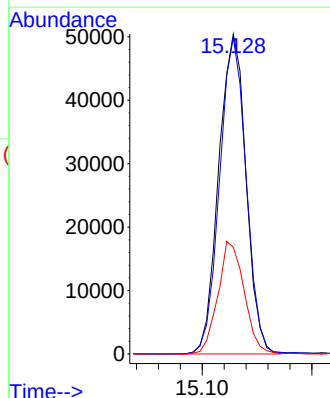
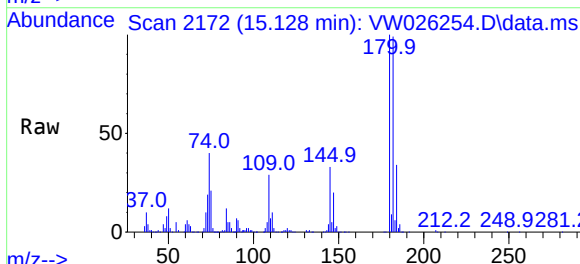
Instrument :
MSVOA_W
ClientSampleId :
YBW38MS

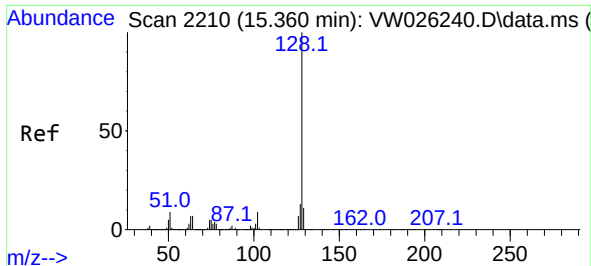
Tgt Ion:	180	Resp:	143657
Ion Ratio	Lower	Upper	
180	100		
182	94.4	77.0	115.4
184	27.9	23.7	35.5
145	30.5	25.1	37.7



#70
1,2,4-trichlorobenzene
Concen: 10.441 ug/L
RT: 15.128 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Tgt Ion:	180	Resp:	87044
Ion Ratio	Lower	Upper	
180	100		
182	96.2	78.9	118.3
145	33.8	27.2	40.8

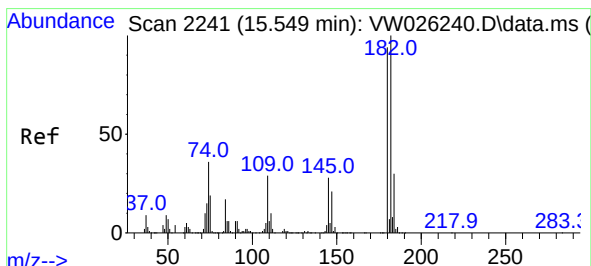
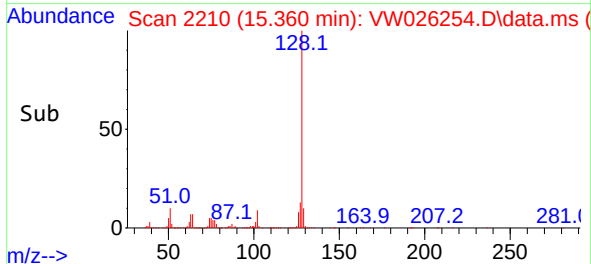
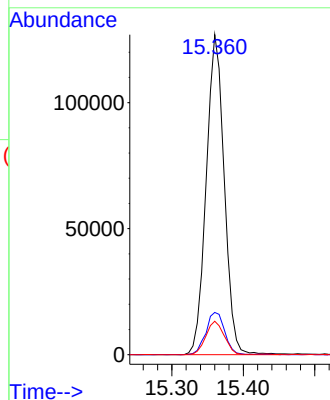
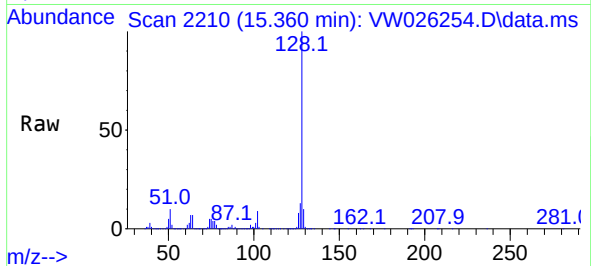




#71
Naphthalene
Concen: 14.995 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Instrument :
MSVOA_W
ClientSampleId :
YBW38MS

Tgt Ion:128 Resp: 222813
Ion Ratio Lower Upper
128 100
127 13.8 10.6 15.8
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 11.936 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW026254.D
Acq: 19 Jun 2023 17:56

Tgt Ion:180 Resp: 86964
Ion Ratio Lower Upper
180 100
182 92.8 76.3 114.5
145 34.1 27.0 40.6

