

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
 Data File : VW026867.D
 Acq On : 24 Aug 2023 21:41
 Operator : SY/MD
 Sample : 04138-13MS
 Misc : 4.54g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCHR5MS

Quant Time: Aug 25 05:21:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 25 05:00:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	366856	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	366025	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	219204	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	101318	16.800	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.200%
7) Chloroethane-d5	2.893	69	84981	18.950	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	4.027	65	56671	19.106	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.440%
21) 2-Butanone-d5	7.081	46	78560	45.323	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.640%
24) Chloroform-d	7.648	84	287816	23.376	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.520%
26) 1,2-Dichloroethane-d4	8.307	65	178144	26.218	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.880%
32) Benzene-d6	8.276	84	526315	20.864	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.440%
36) 1,2-Dichloropropane-d6	9.270	67	150477	19.150	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.600%
41) Toluene-d8	10.325	98	479844	22.159	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.640%
43) trans-1,3-Dichloroprop...	10.581	79	73045	22.515	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.040%
47) 2-Hexanone-d5	10.922	63	43432	52.602	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	148716	23.965	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	179971	22.938	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	67578	13.549	ug/L	92
3) Chloromethane	2.222	50	82491	12.095	ug/L	96
5) Vinyl chloride	2.375	62	90557	13.889	ug/L	97
6) Bromomethane	2.783	94	60659	15.968	ug/L	99
8) Chloroethane	2.930	64	58009	14.848	ug/L	94
9) Trichlorofluoromethane	3.265	101	94065	17.580	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	90241	15.613	ug/L	88
12) 1,1-Dichloroethene	4.051	96	88797	16.376	ug/L	94
13) Acetone	4.131	43	50641	29.383	ug/L	100
14) Carbon disulfide	4.393	76	256573	13.152	ug/L	100
15) Methyl Acetate	4.673	43	61499	17.814	ug/L	92
16) Methylene chloride	4.917	84	114116	16.081	ug/L	94
17) trans-1,2-Dichloroethene	5.423	96	101618	16.794	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	208298	22.751	ug/L	96
19) 1,1-Dichloroethane	6.216	63	206823	16.608	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	116134	17.856	ug/L	92
22) 2-Butanone	7.173	43	82308	32.407	ug/L	95
23) Bromochloromethane	7.520	128	55002	19.577	ug/L	# 76
25) Chloroform	7.673	83	225537	18.746	ug/L	97

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 Response via : Initial Calibration

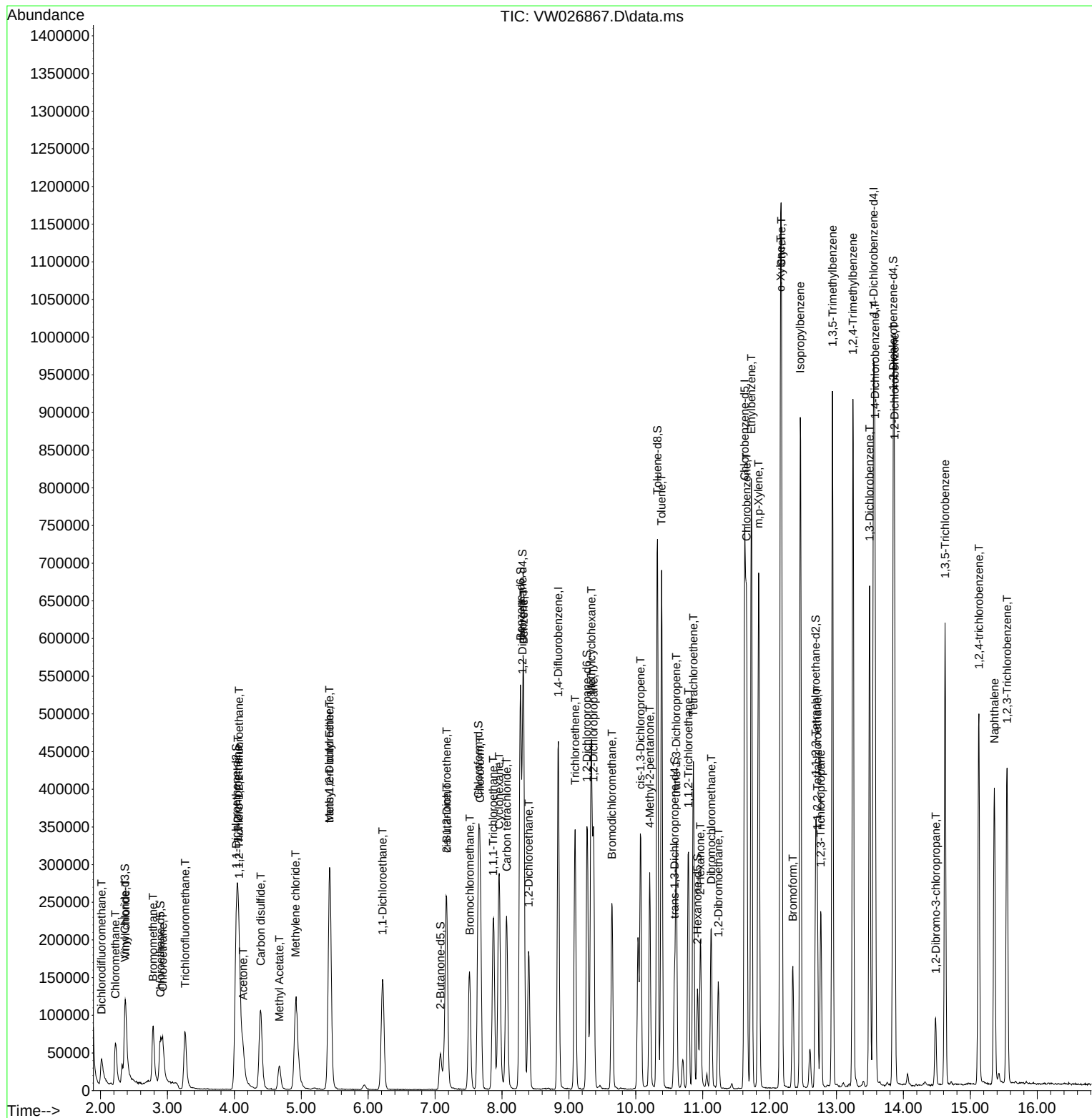
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	177527	21.151	ug/L	97
29) Cyclohexane	7.959	56	162254	14.334	ug/L	91
30) 1,1,1-Trichloroethane	7.868	97	190162	19.907	ug/L	98
31) Carbon tetrachloride	8.069	117	177970	20.376	ug/L	94
33) Benzene	8.325	78	439563	16.491	ug/L	100
34) Trichloroethene	9.093	95	117300	17.279	ug/L	94
35) Methylcyclohexane	9.337	83	177567	15.289	ug/L	94
37) 1,2-Dichloropropane	9.367	63	114172	15.638	ug/L #	97
38) Bromodichloromethane	9.642	83	164311	19.184	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	191405	18.223	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	177377	37.350	ug/L	96
42) Toluene	10.386	91	480554	17.822	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	173559	19.198	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	95747	19.175	ug/L	94
46) Tetrachloroethene	10.861	164	98284	19.928	ug/L	90
48) 2-Hexanone	10.965	43	122847	38.015	ug/L	98
49) Dibromochloromethane	11.129	129	108092	20.698	ug/L	97
50) 1,2-Dibromoethane	11.233	107	90288	19.271	ug/L #	93
51) Chlorobenzene	11.654	112	312338	18.338	ug/L	99
52) Ethylbenzene	11.727	91	557444	18.436	ug/L	95
53) m,p-Xylene	11.837	106	201976	18.031	ug/L	97
54) o-Xylene	12.166	106	203923	19.505	ug/L	98
55) Styrene	12.178	104	362495	19.941	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	121735	19.251	ug/L #	99
59) Bromoform	12.349	173	74086	21.575	ug/L	97
60) Isopropylbenzene	12.458	105	571286	17.529	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	93175	17.523	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	468983	18.206	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	480613	19.040	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	257870	18.194	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	258854	17.500	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	237128	18.398	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	25019	19.518	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	178433	18.634	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	154396	19.017	ug/L	97
71) Naphthalene	15.360	128	328787	21.230	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	141365	19.305	ug/L	97

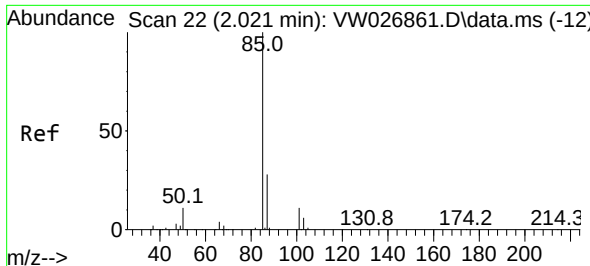
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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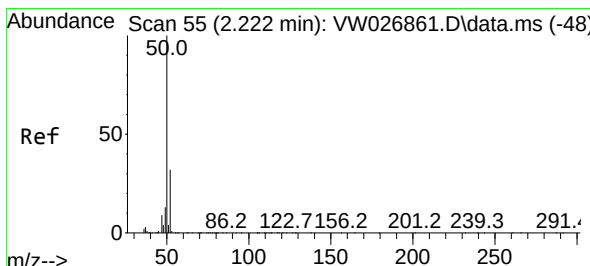
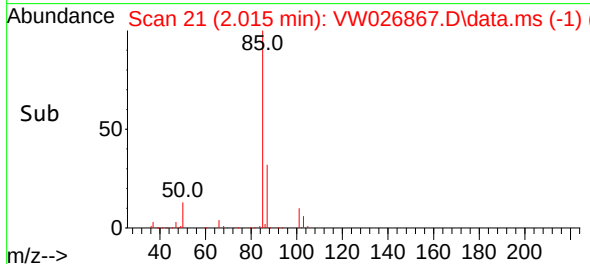
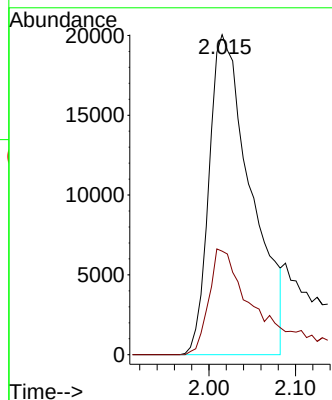
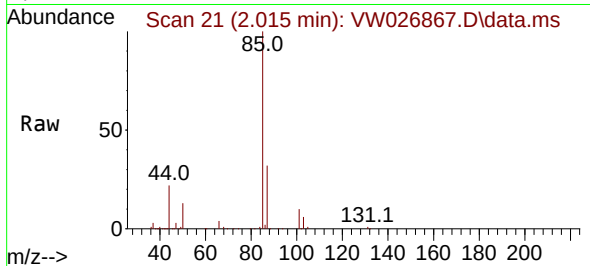




#2
 Dichlorodifluoromethane
 Concen: 13.549 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW026867.D
 Acq: 24 Aug 2023 21:41

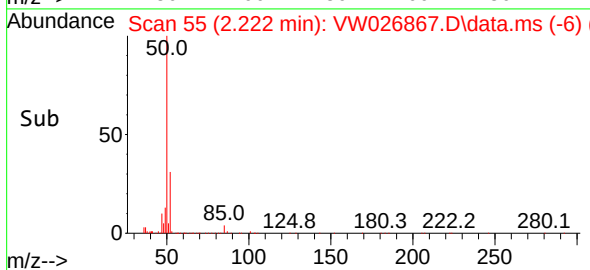
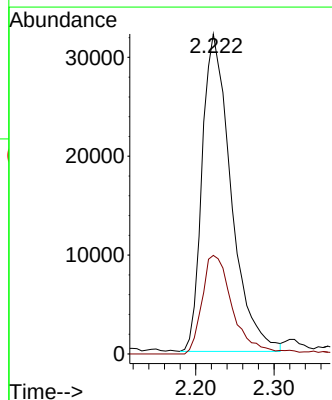
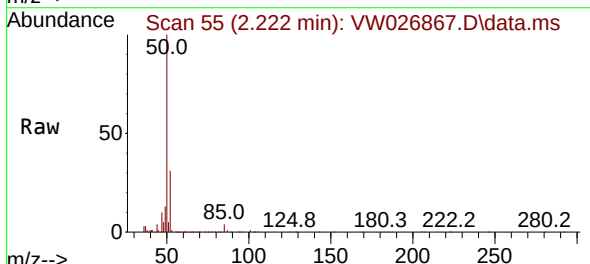
Instrument :
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 ClientSampleId :
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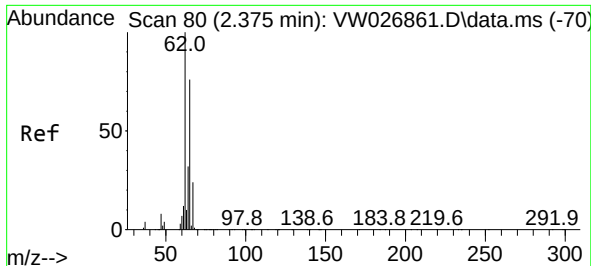
Tgt Ion: 85 Resp: 67578
 Ion Ratio Lower Upper
 85 100
 87 28.6 19.5 29.3



#3
 Chloromethane
 Concen: 12.095 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW026867.D
 Acq: 24 Aug 2023 21:41

Tgt Ion: 50 Resp: 82491
 Ion Ratio Lower Upper
 50 100
 52 30.8 23.0 42.8

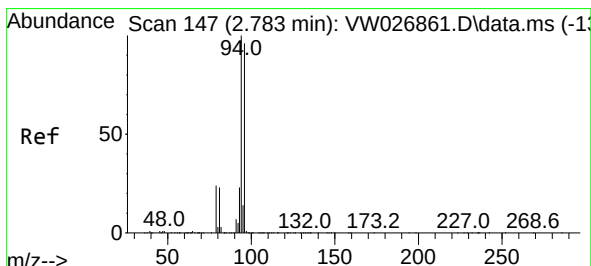
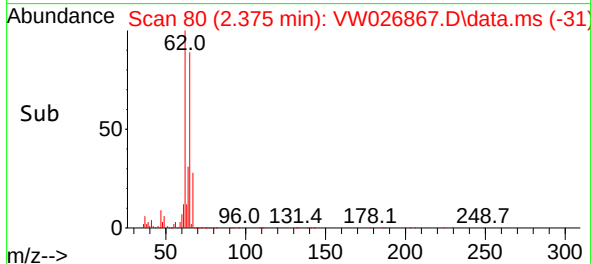
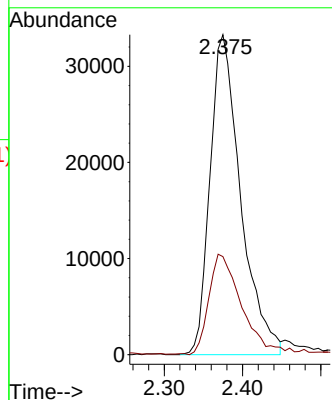
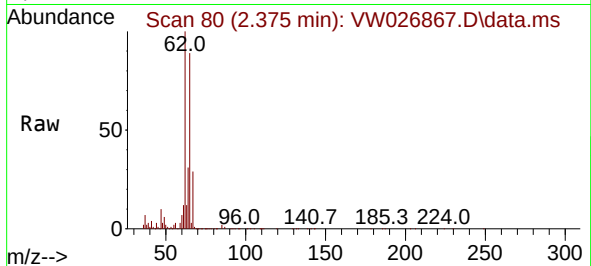




#5
 Vinyl chloride
 Concen: 13.889 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026867.D
 Acq: 24 Aug 2023 21:41

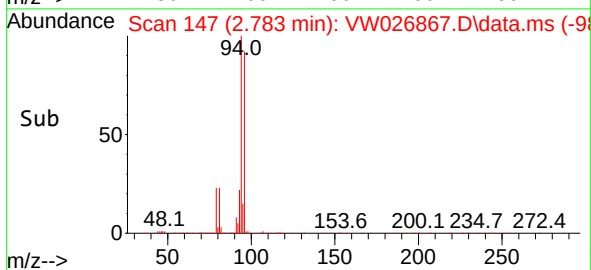
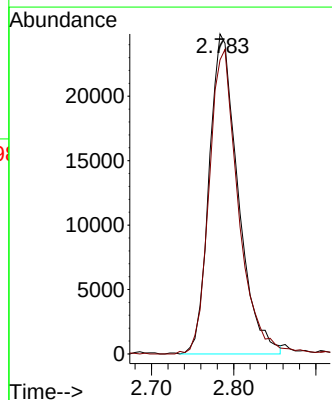
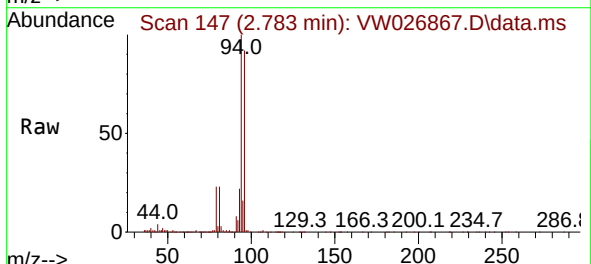
Instrument :
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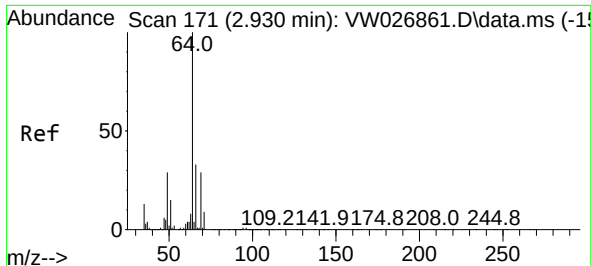
Tgt Ion: 62 Resp: 90557
 Ion Ratio Lower Upper
 62 100
 64 30.7 22.7 42.3



#6
 Bromomethane
 Concen: 15.968 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VW026867.D
 Acq: 24 Aug 2023 21:41

Tgt Ion: 94 Resp: 60659
 Ion Ratio Lower Upper
 94 100
 96 91.9 64.8 120.3

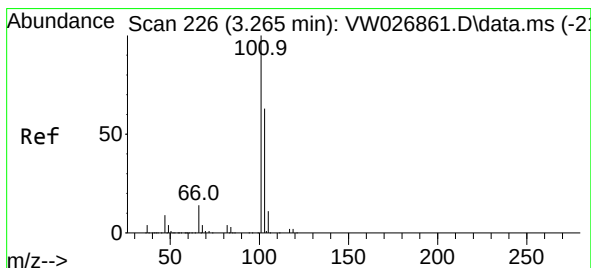
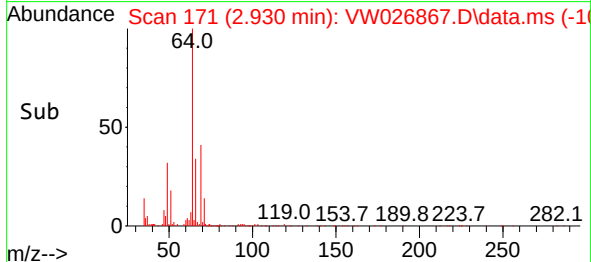
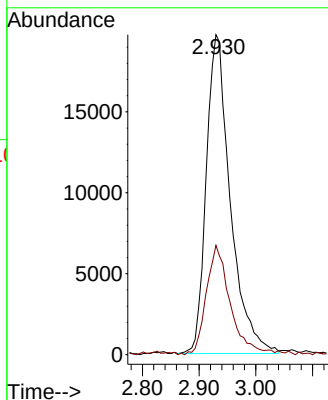
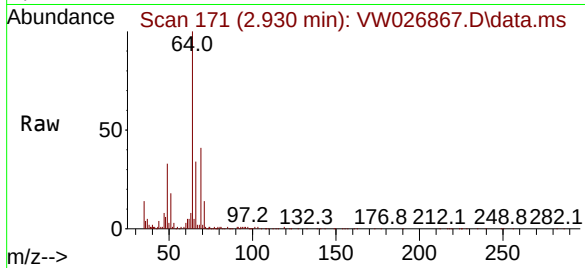




#8
Chloroethane
Concen: 14.848 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

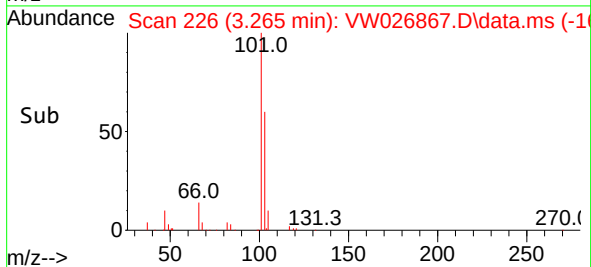
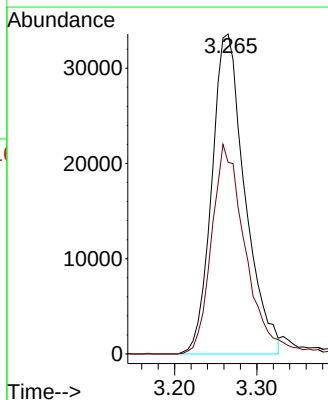
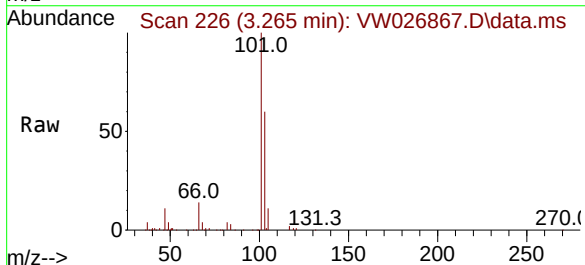
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DCHR5MS

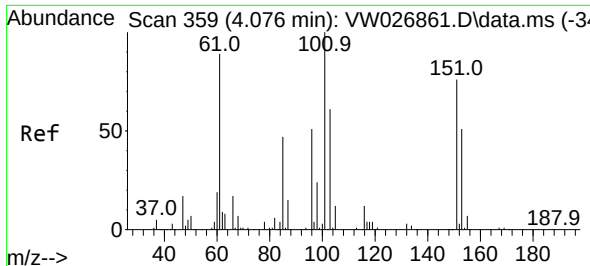
Tgt Ion: 64 Resp: 58009
Ion Ratio Lower Upper
64 100
66 34.1 21.7 40.3



#9
Trichlorofluoromethane
Concen: 17.580 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

Tgt Ion:101 Resp: 94065
Ion Ratio Lower Upper
101 100
103 67.1 51.9 77.9

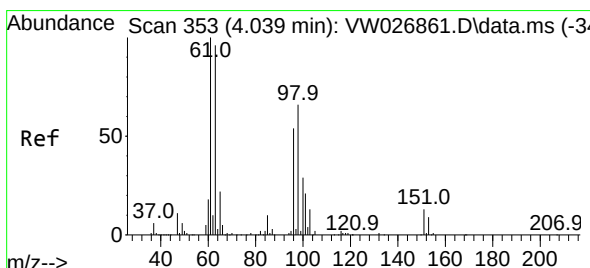
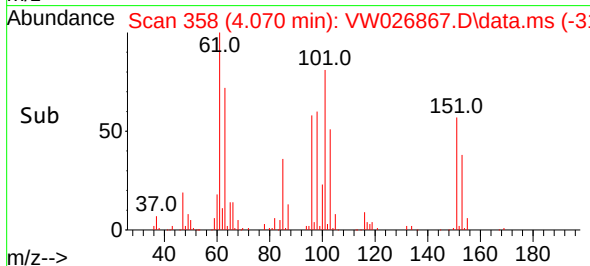
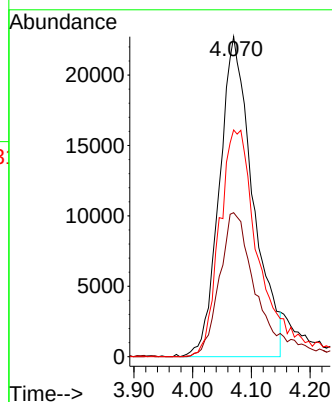
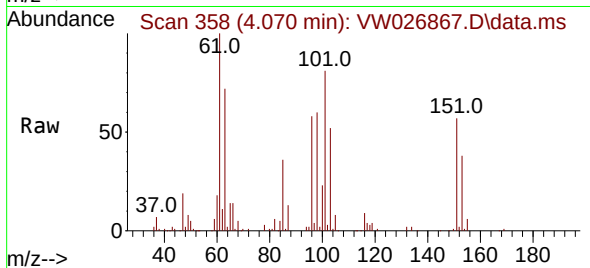




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 15.613 ug/L
 RT: 4.070 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW026867.D
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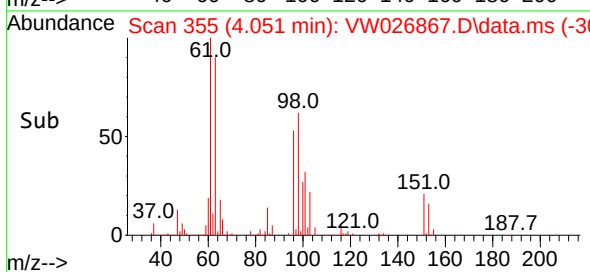
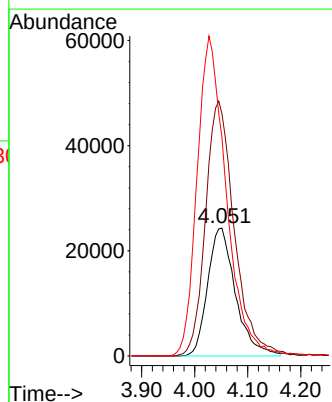
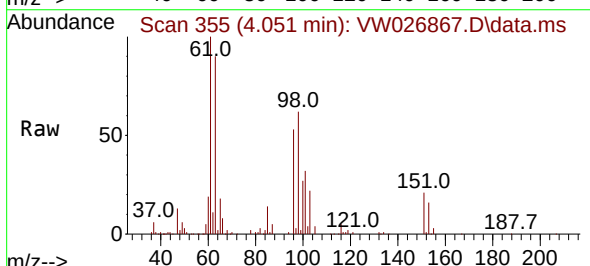
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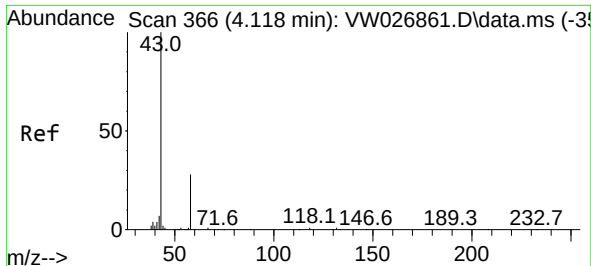
Tgt Ion:	101	Resp:	90241
Ion	Ratio	Lower	Upper
101	100		
85	45.5	32.8	49.2
151	80.1	54.4	81.6



#12
 1,1-Dichloroethene
 Concen: 16.376 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.012 min
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Tgt Ion:	96	Resp:	88797
Ion	Ratio	Lower	Upper
96	100		
61	189.4	133.2	247.4
63	171.1	109.0	202.4

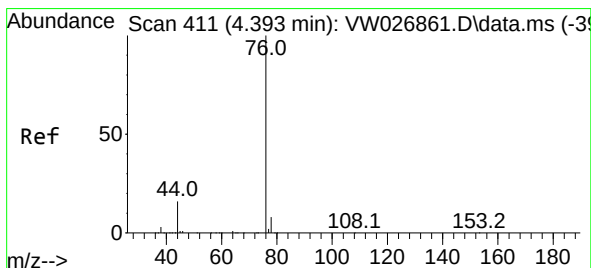
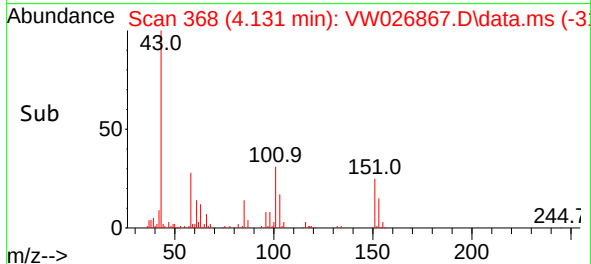
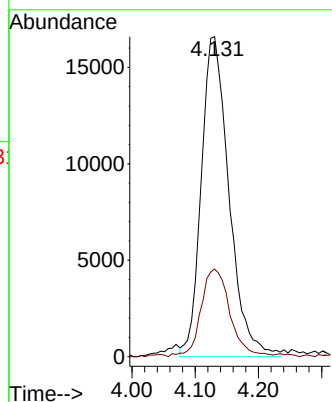
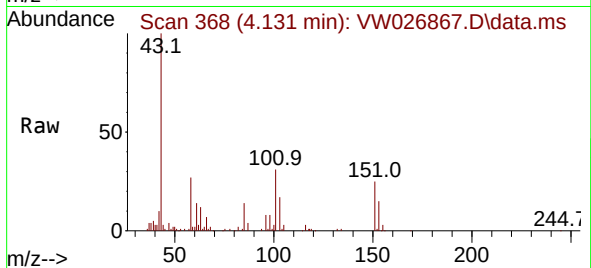




#13
Acetone
Concen: 29.383 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.012 min
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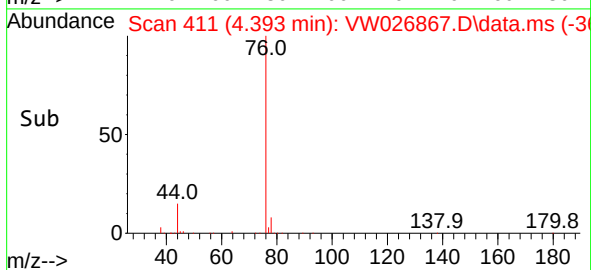
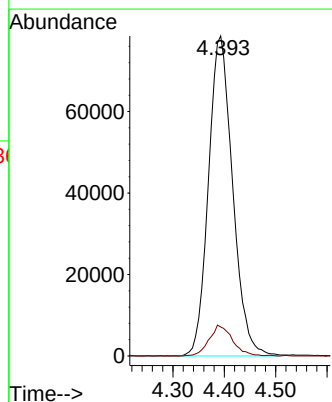
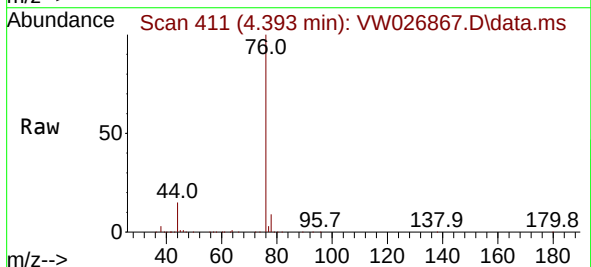
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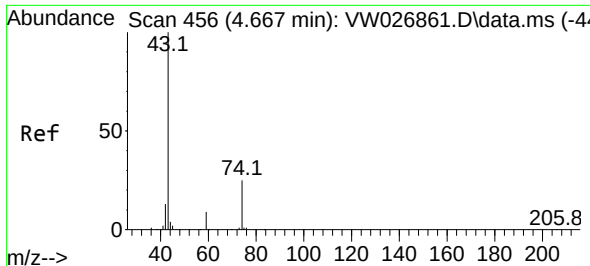
Tgt Ion: 43 Resp: 50641
Ion Ratio Lower Upper
43 100
58 28.5 0.0 57.4



#14
Carbon disulfide
Concen: 13.152 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 256573
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

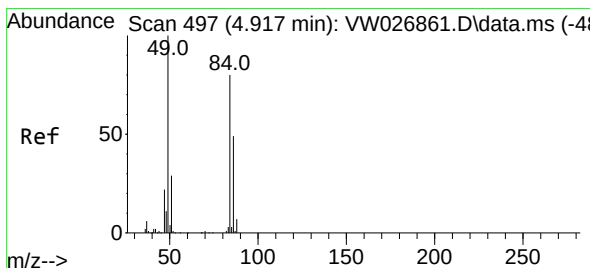
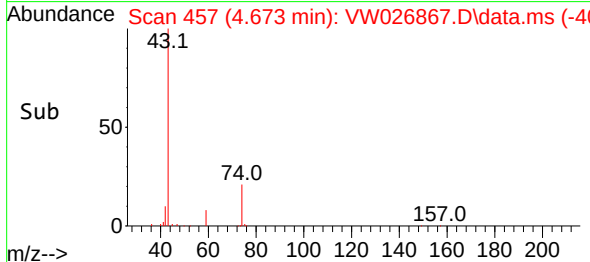
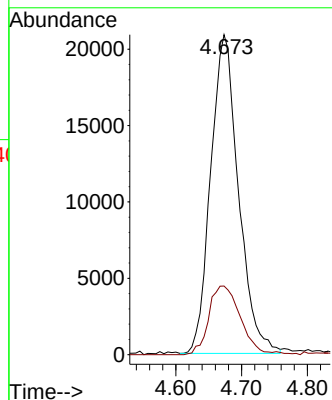
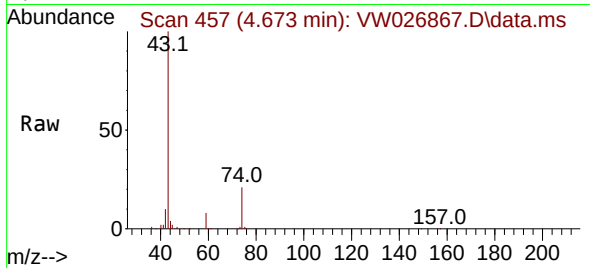




#15
Methyl Acetate
Concen: 17.814 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

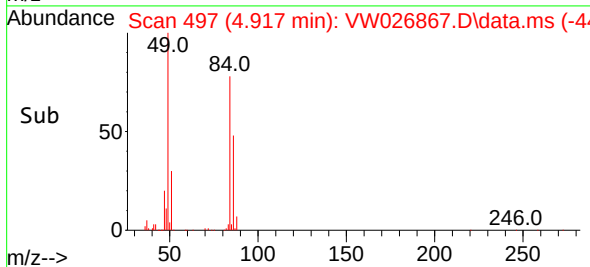
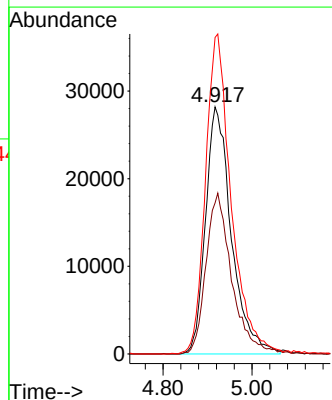
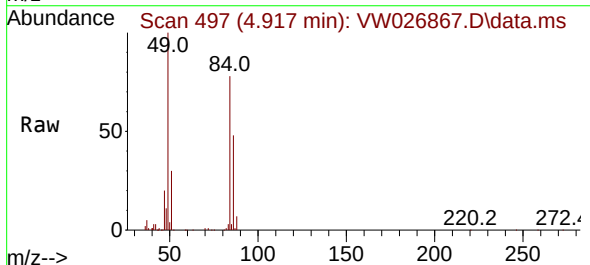
Instrument :
MSVOA_W
ClientSampleId :
DCHR5MS

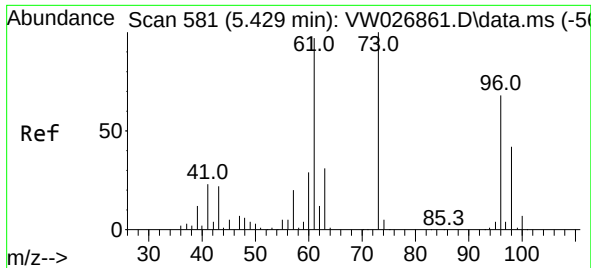
Tgt Ion: 43 Resp: 61499
Ion Ratio Lower Upper
43 100
74 24.2 16.4 24.6



#16
Methylene chloride
Concen: 16.081 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

Tgt Ion: 84 Resp: 114116
Ion Ratio Lower Upper
84 100
86 61.2 43.5 80.9
49 128.1 96.0 178.2

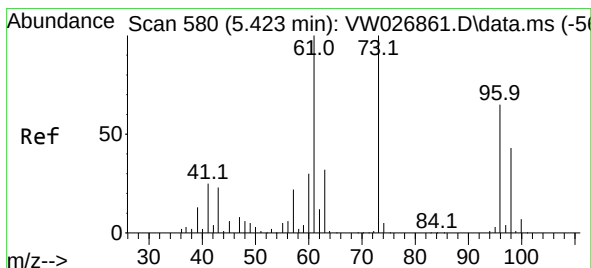
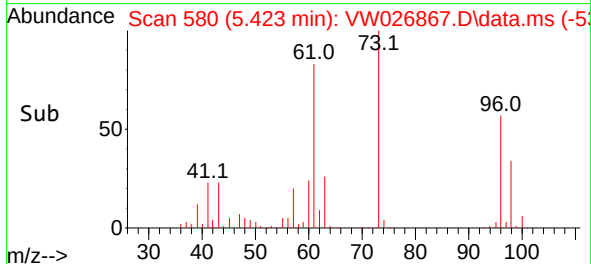
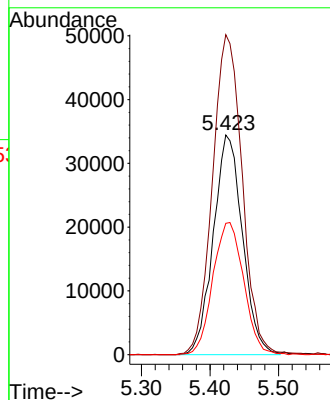
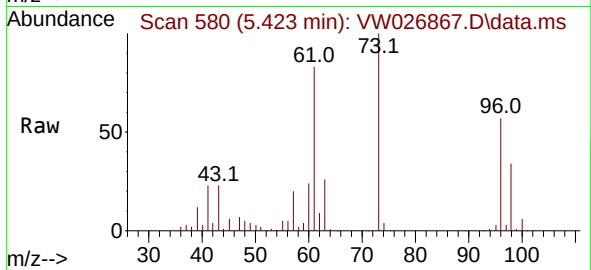




#17
trans-1,2-Dichloroethene
Concen: 16.794 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

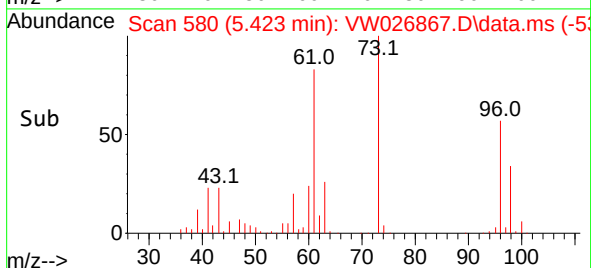
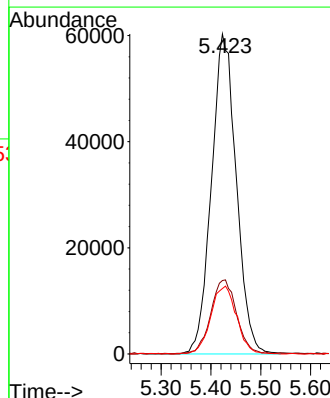
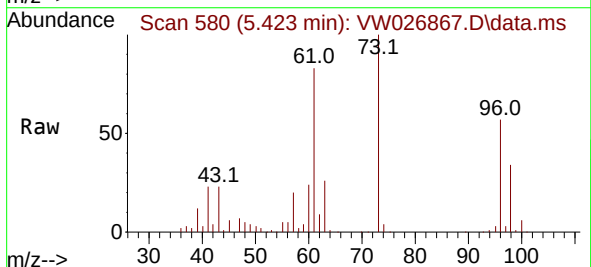
Instrument :
MSVOA_W
ClientSampleId :
DCHR5MS

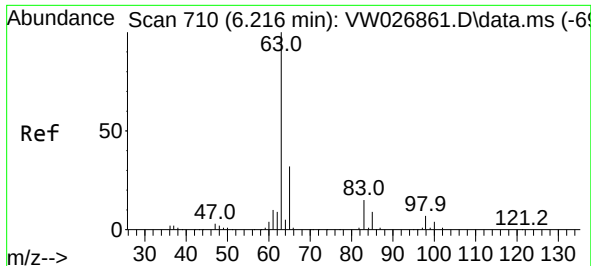
Tgt Ion: 96 Resp: 101618
Ion Ratio Lower Upper
96 100
61 145.7 109.4 203.2
98 59.8 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 22.751 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

Tgt Ion: 73 Resp: 208298
Ion Ratio Lower Upper
73 100
43 24.0 18.0 27.0
57 22.1 19.3 28.9

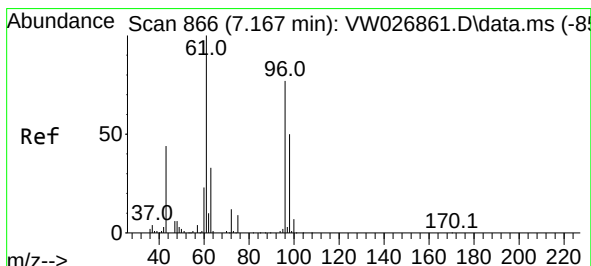
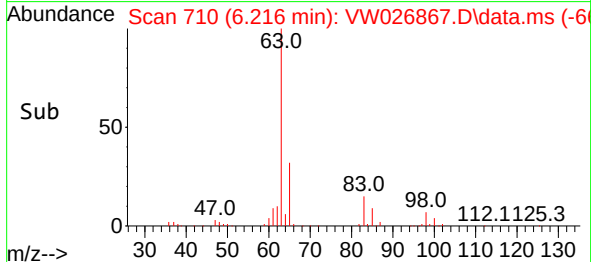
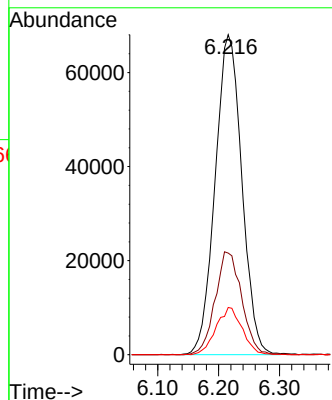
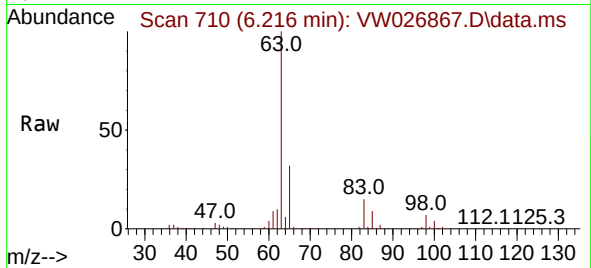




#19
 1,1-Dichloroethane
 Concen: 16.608 ug/L
 RT: 6.216 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: VW026867.D
 Acq: 24 Aug 2023 21:41

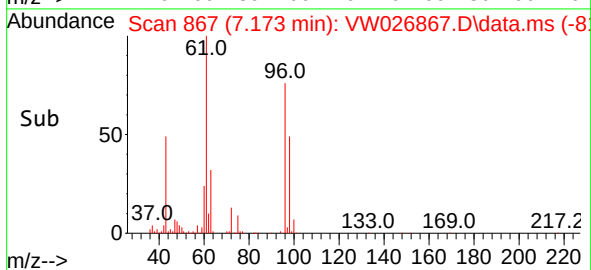
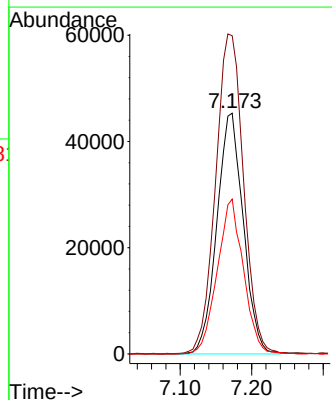
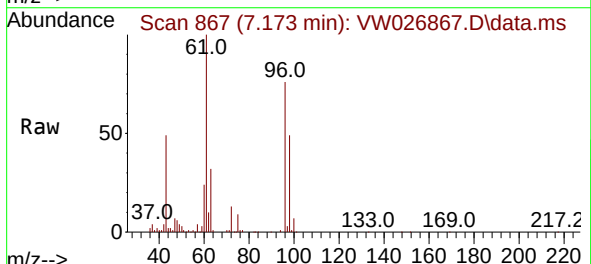
Instrument :
 MSVOA_W
 ClientSampleId :
 DCHR5MS

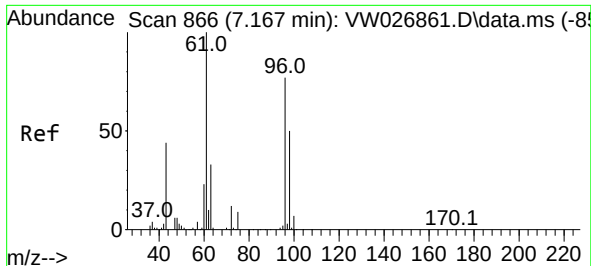
Tgt Ion: 63 Resp: 206823
 Ion Ratio Lower Upper
 63 100
 65 31.8 21.8 40.6
 83 14.8 9.0 16.6



#20
 cis-1,2-Dichloroethene
 Concen: 17.856 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW026867.D
 Acq: 24 Aug 2023 21:41

Tgt Ion: 96 Resp: 116134
 Ion Ratio Lower Upper
 96 100
 61 132.1 101.2 188.0
 98 64.3 43.8 81.3

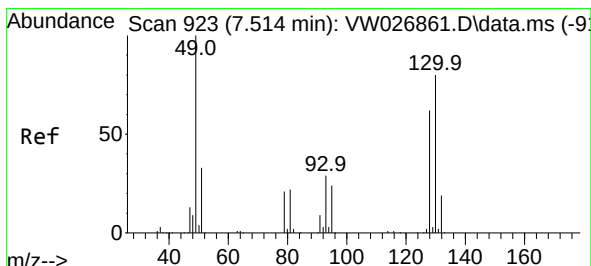
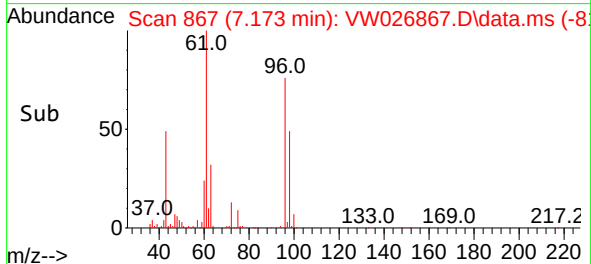
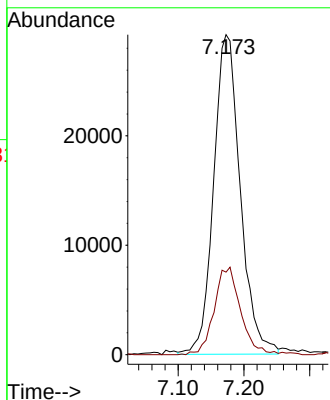
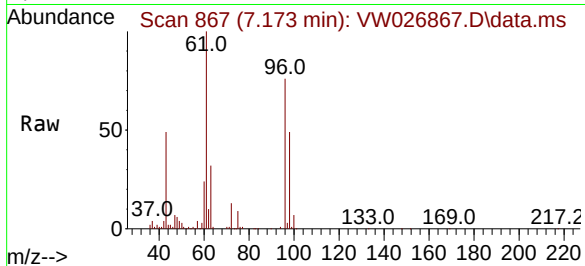




#22
2-Butanone
Concen: 32.407 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

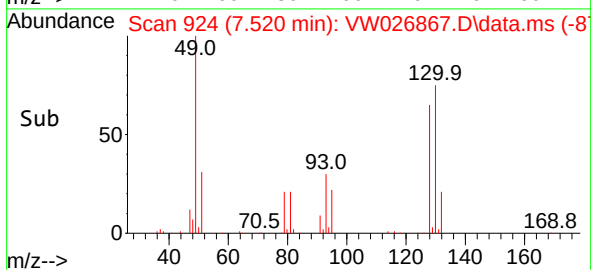
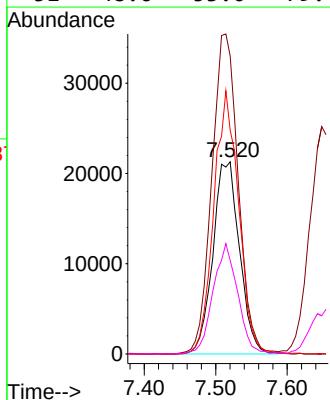
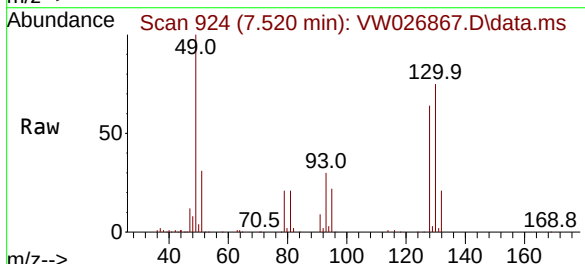
Instrument :
MSVOA_W
ClientSampleId :
DCHR5MS

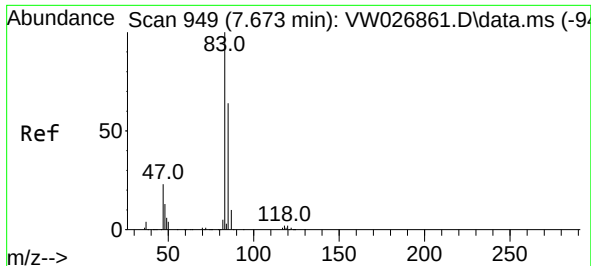
Tgt Ion: 43 Resp: 82308
Ion Ratio Lower Upper
43 100
72 26.0 11.8 35.4



#23
Bromochloromethane
Concen: 19.577 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

Tgt Ion: 128 Resp: 55002
Ion Ratio Lower Upper
128 100
49 155.1 143.1 265.7
130 116.5 91.8 170.4
51 48.6 53.0 79.4#

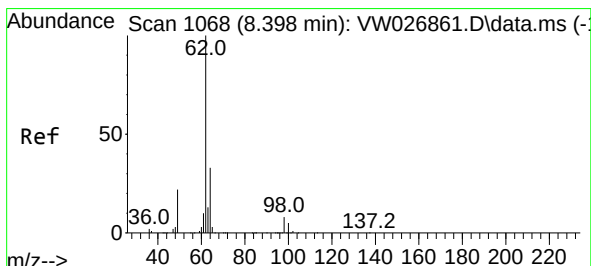
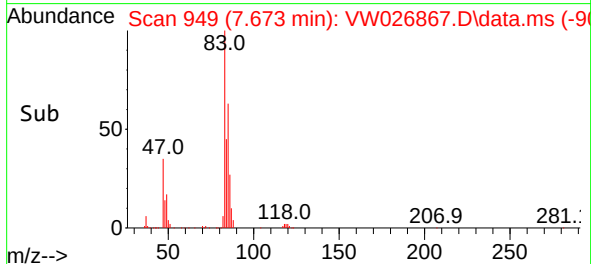
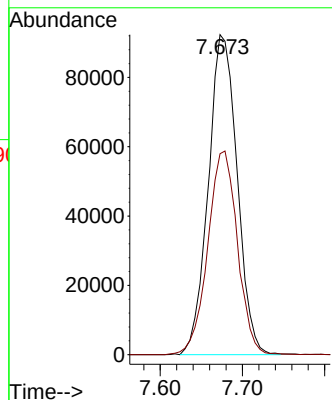
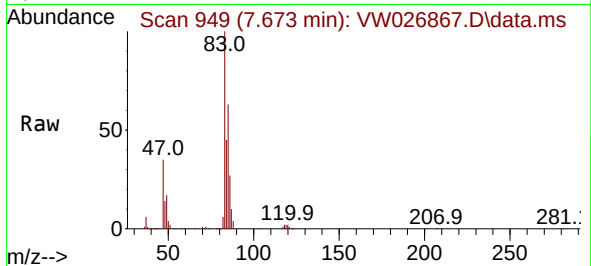




#25
Chloroform
Concen: 18.746 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

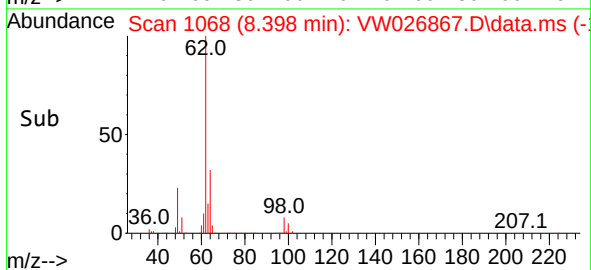
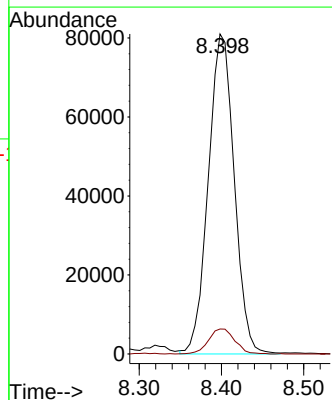
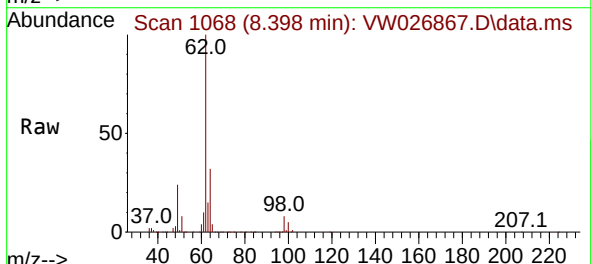
Instrument :
MSVOA_W
ClientSampleId :
DCHR5MS

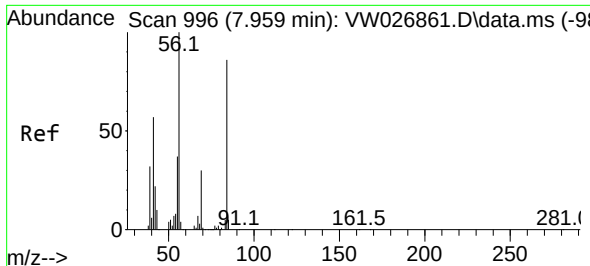
Tgt Ion: 83 Resp: 225537
Ion Ratio Lower Upper
83 100
85 62.8 45.4 84.2



#27
1,2-Dichloroethane
Concen: 21.151 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

Tgt Ion: 62 Resp: 177527
Ion Ratio Lower Upper
62 100
98 7.8 7.1 10.7

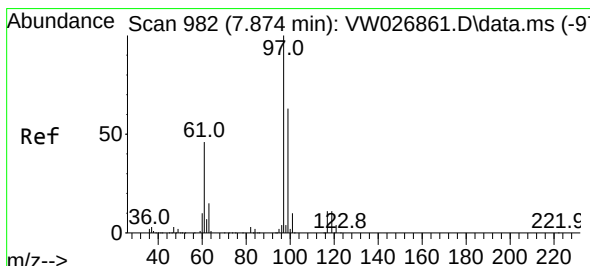
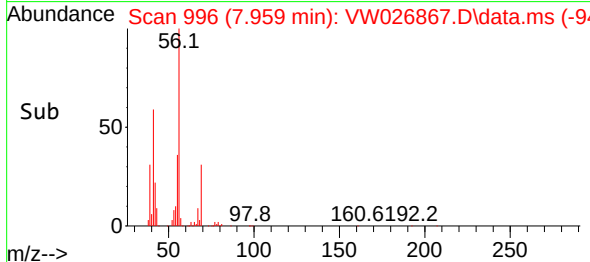
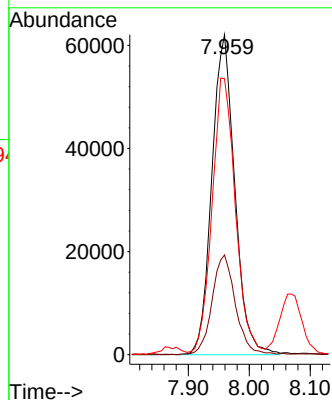
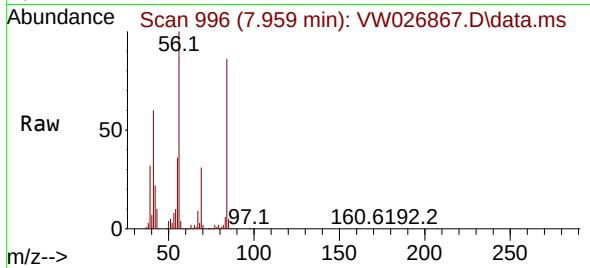




#29
Cyclohexane
Concen: 14.334 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

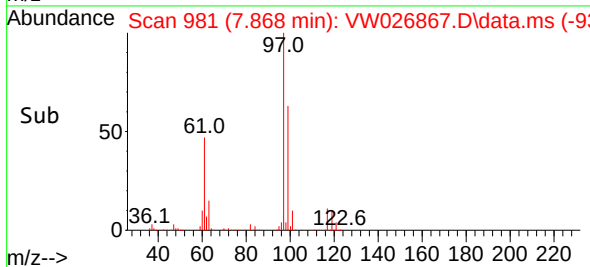
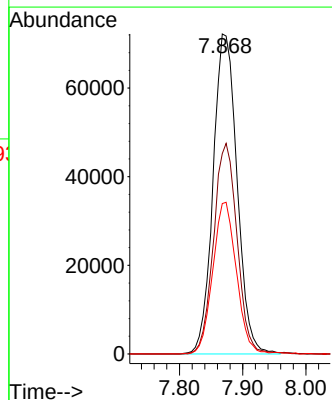
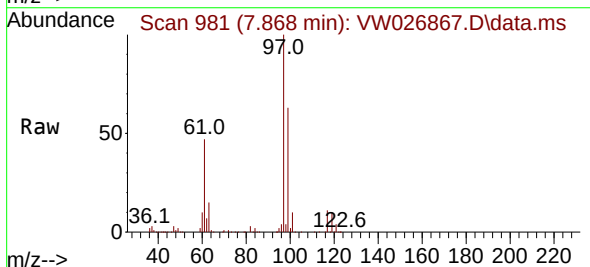
Instrument :
MSVOA_W
ClientSampleId :
DCHR5MS

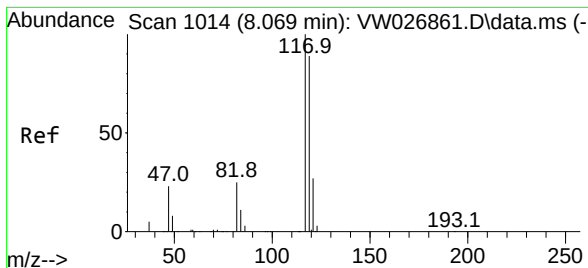
Tgt Ion: 56 Resp: 162254
Ion Ratio Lower Upper
56 100
69 31.1 23.2 34.8
84 87.9 62.7 94.1



#30
1,1,1-Trichloroethane
Concen: 19.907 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

Tgt Ion: 97 Resp: 190162
Ion Ratio Lower Upper
97 100
99 64.6 51.2 76.8
61 46.6 39.2 58.8

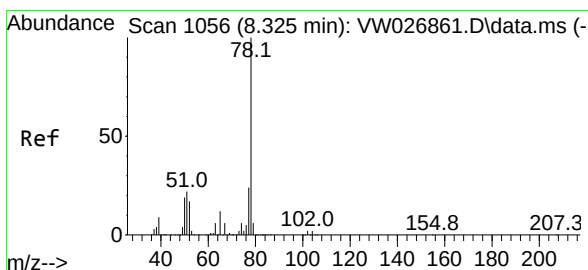
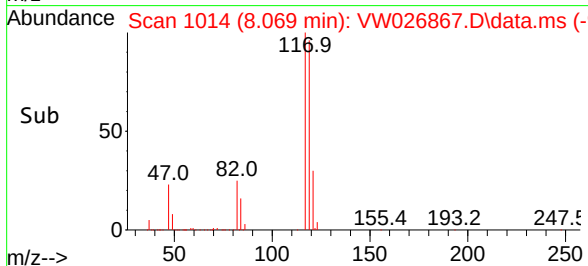
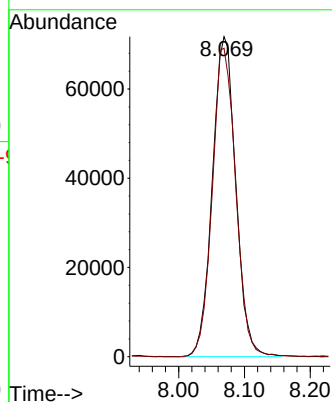
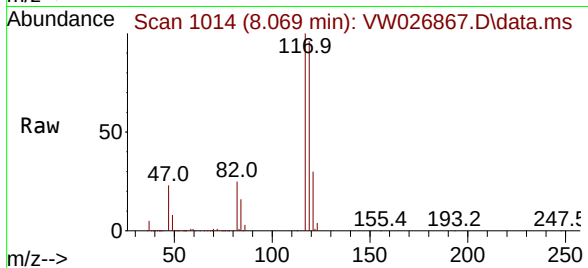




#31
Carbon tetrachloride
Concen: 20.376 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

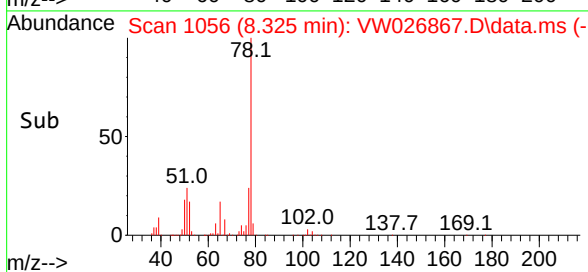
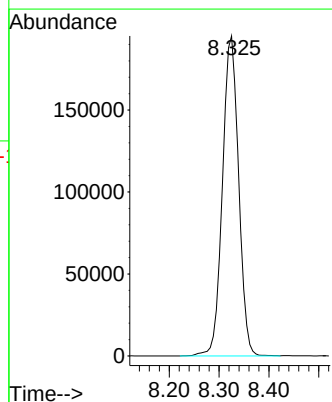
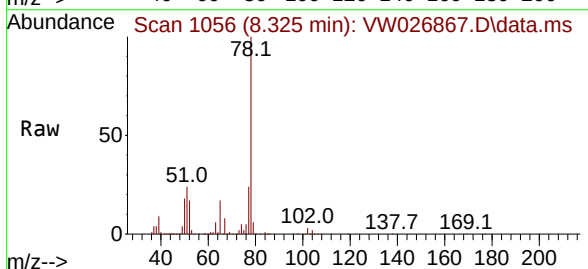
Instrument :
MSVOA_W
ClientSampleId :
DCHR5MS

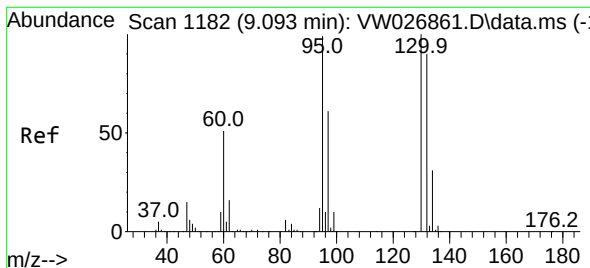
Tgt Ion:117 Resp: 177970
Ion Ratio Lower Upper
117 100
119 97.0 73.0 109.4



#33
Benzene
Concen: 16.491 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

Tgt Ion: 78 Resp: 439563





#34

Trichloroethene

Concen: 17.279 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW026867.D

Acq: 24 Aug 2023 21:41

Instrument :

MSVOA_W

ClientSampleId :

DCHR5MS

Tgt Ion: 95 Resp: 117300

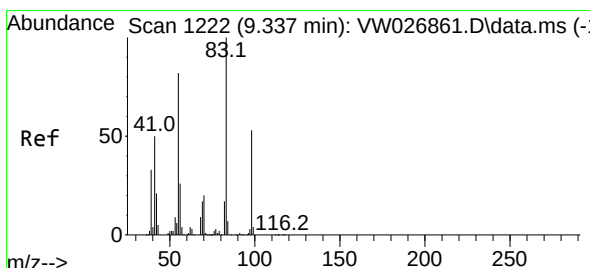
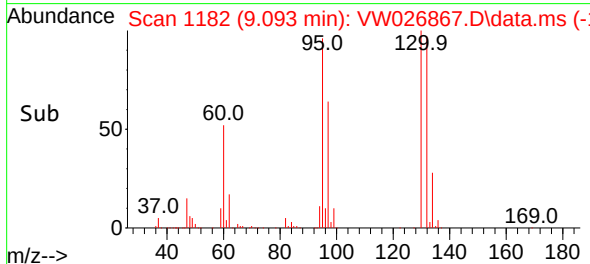
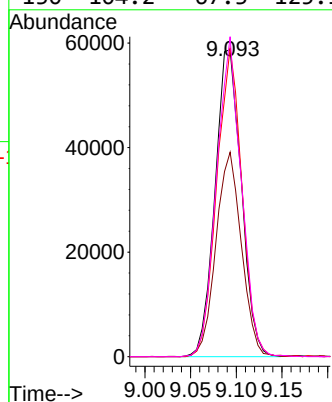
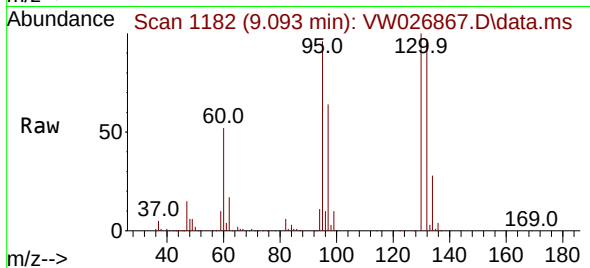
Ion Ratio Lower Upper

95 100

97 66.6 44.6 82.8

132 100.6 66.4 123.2

130 104.2 67.3 125.1



#35

Methylcyclohexane

Concen: 15.289 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW026867.D

Acq: 24 Aug 2023 21:41

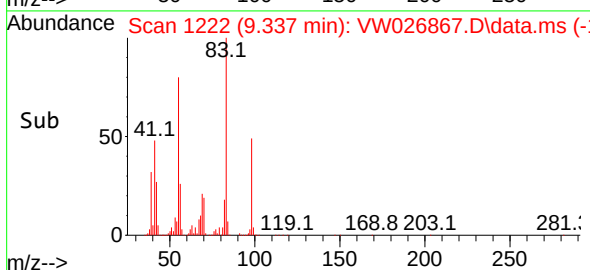
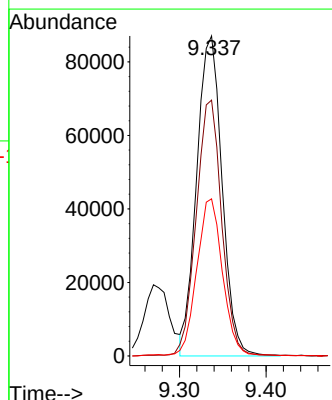
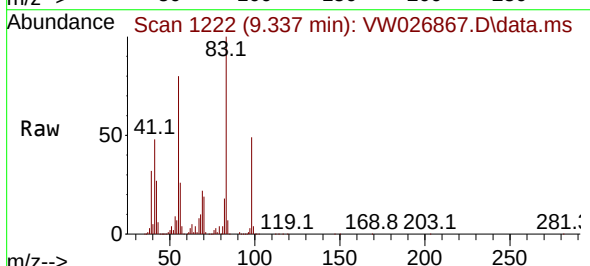
Tgt Ion: 83 Resp: 177567

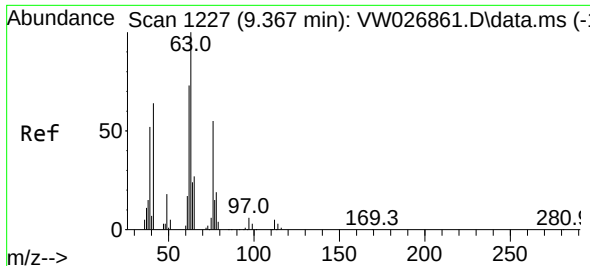
Ion Ratio Lower Upper

83 100

55 80.0 69.3 103.9

98 49.6 37.4 56.0





#37

1,2-Dichloropropane

Concen: 15.638 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026867.D

Acq: 24 Aug 2023 21:41

Instrument :

MSVOA_W

ClientSampleId :

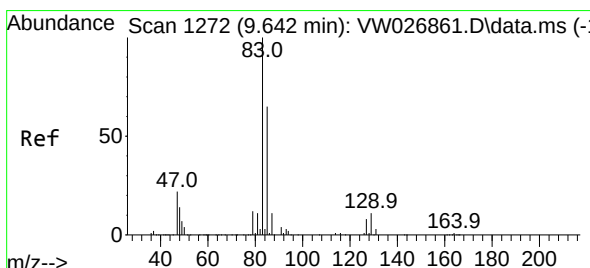
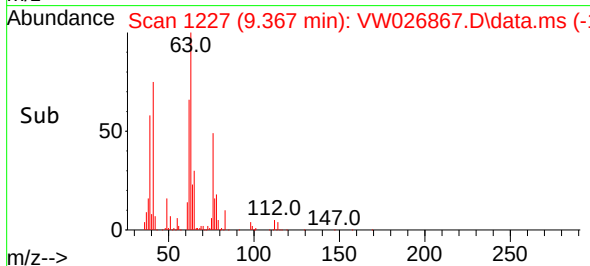
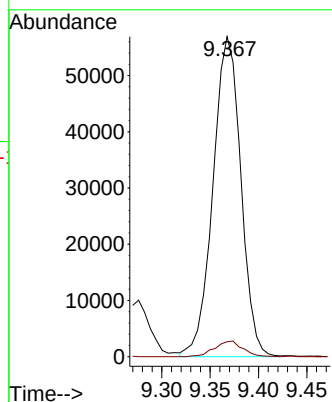
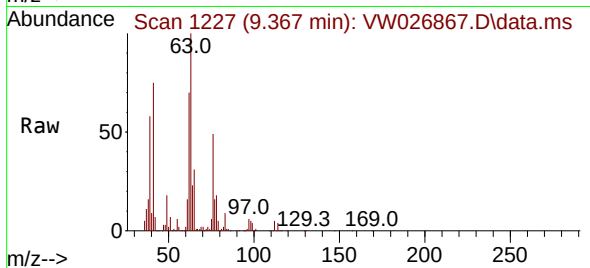
DCHR5MS

Tgt Ion: 63 Resp: 114172

Ion Ratio Lower Upper

63 100

112 4.9 3.1 4.7#



#38

Bromodichloromethane

Concen: 19.184 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026867.D

Acq: 24 Aug 2023 21:41

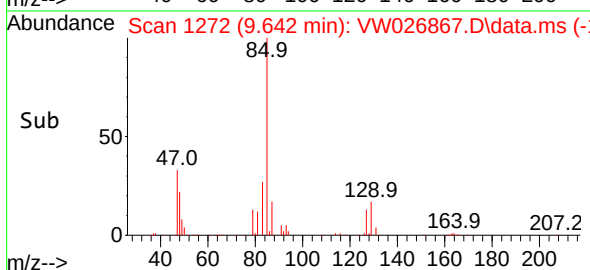
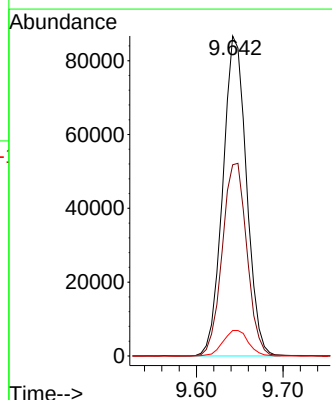
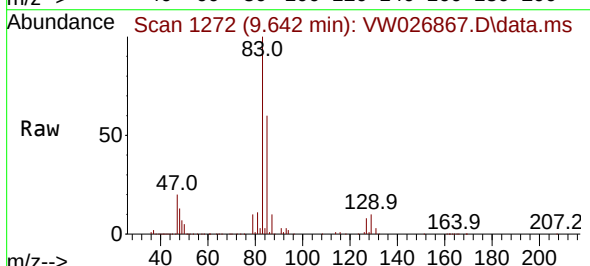
Tgt Ion: 83 Resp: 164311

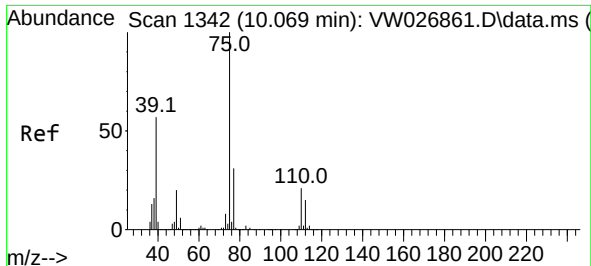
Ion Ratio Lower Upper

83 100

85 59.8 45.4 84.2

127 7.9 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 18.223 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026867.D

Acq: 24 Aug 2023 21:41

Instrument :

MSVOA_W

ClientSampleId :

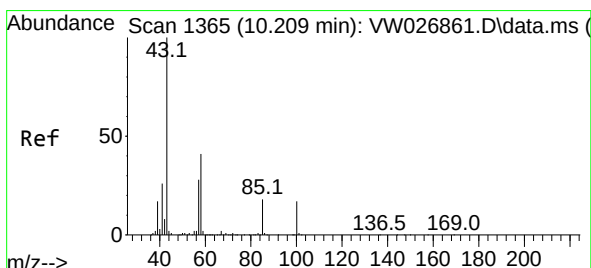
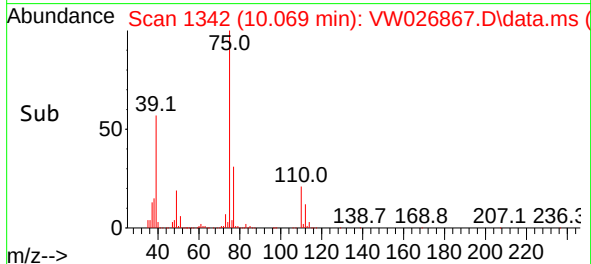
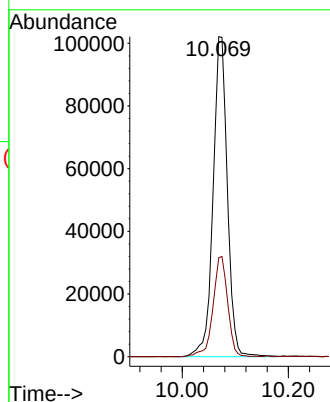
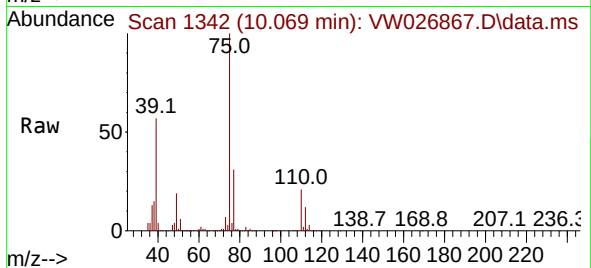
DCHR5MS

Tgt Ion: 75 Resp: 191405

Ion Ratio Lower Upper

75 100

77 31.0 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 37.350 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026867.D

Acq: 24 Aug 2023 21:41

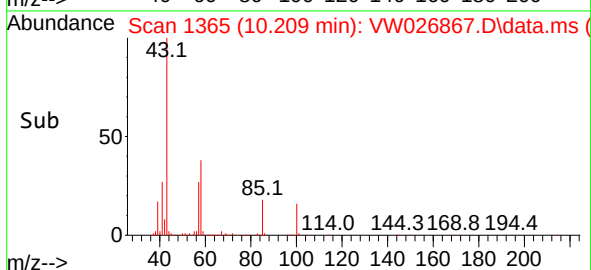
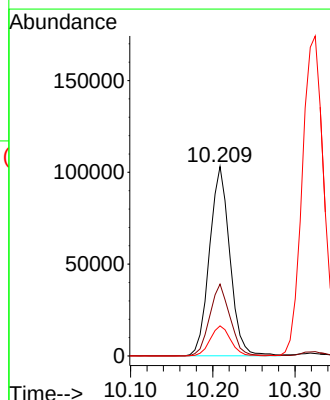
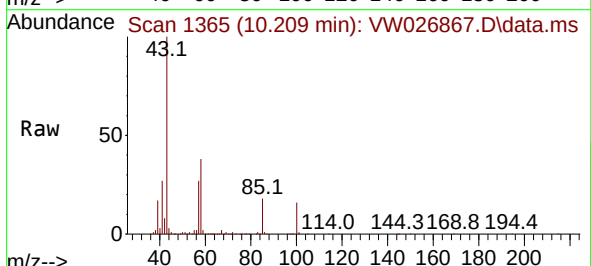
Tgt Ion: 43 Resp: 177377

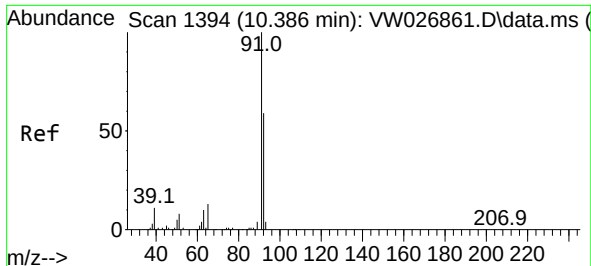
Ion Ratio Lower Upper

43 100

58 38.0 29.2 43.8

100 16.0 10.7 16.1

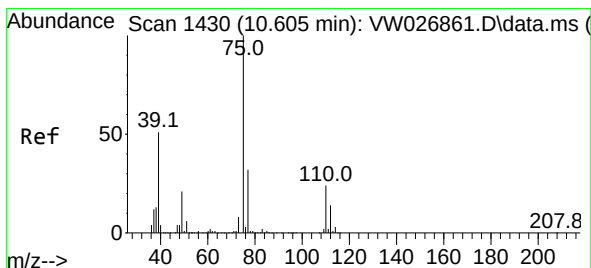
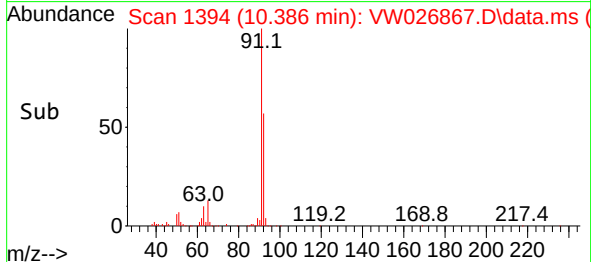
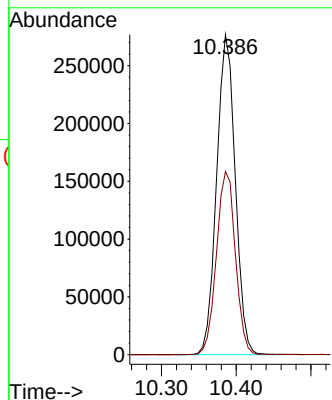
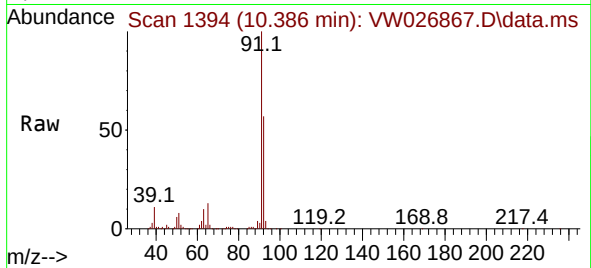




#42
Toluene
Concen: 17.822 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

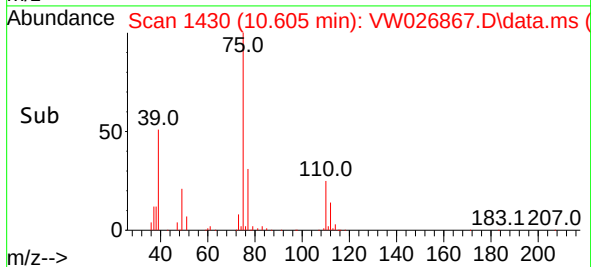
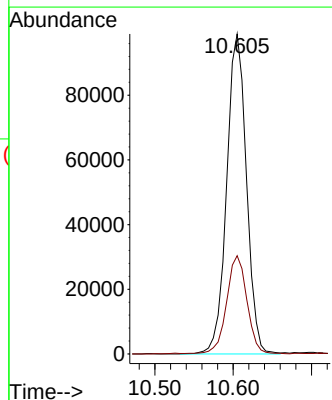
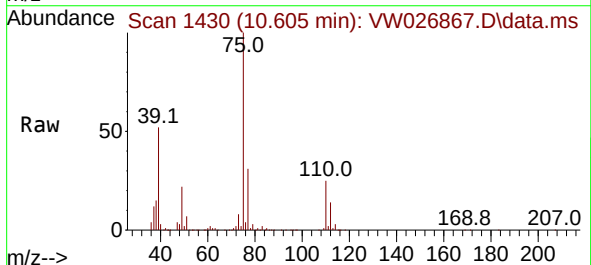
Instrument :
MSVOA_W
ClientSampleId :
DCHR5MS

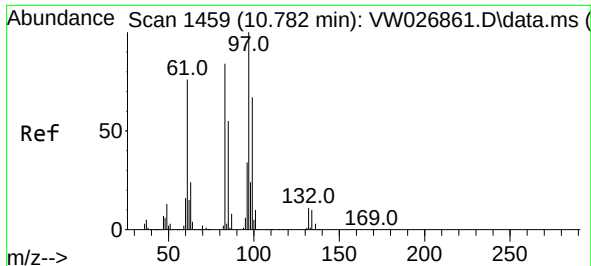
Tgt Ion: 91 Resp: 480554
Ion Ratio Lower Upper
91 100
92 57.2 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 19.198 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

Tgt Ion: 75 Resp: 173559
Ion Ratio Lower Upper
75 100
77 30.7 21.2 39.4

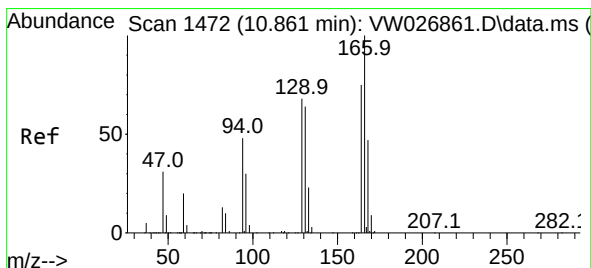
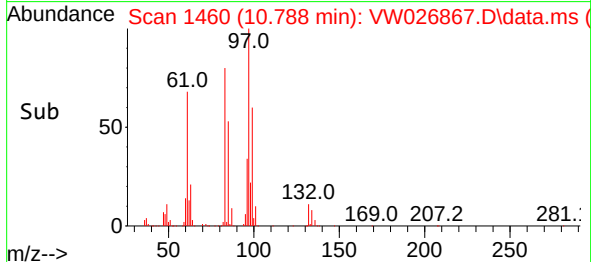
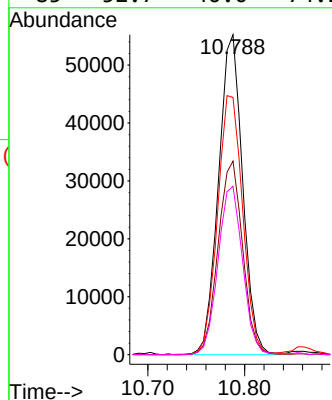
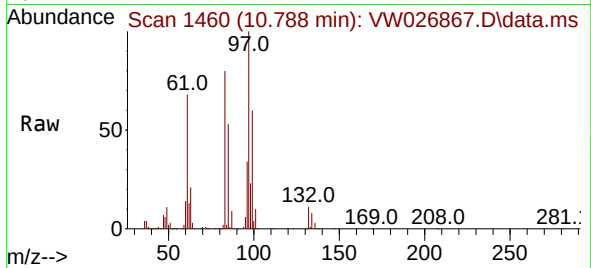




#45
1,1,2-Trichloroethane
Concen: 19.175 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

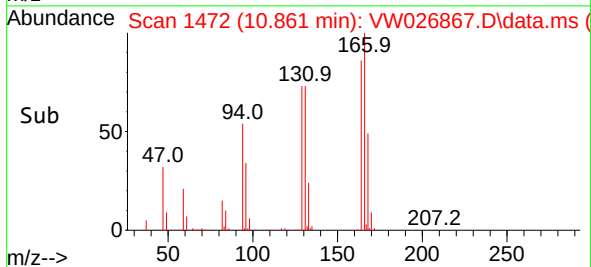
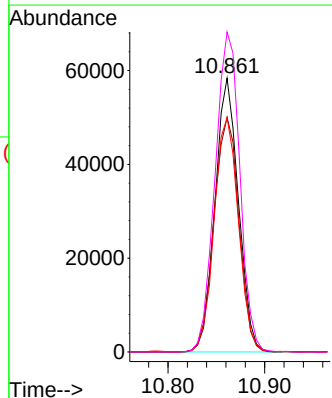
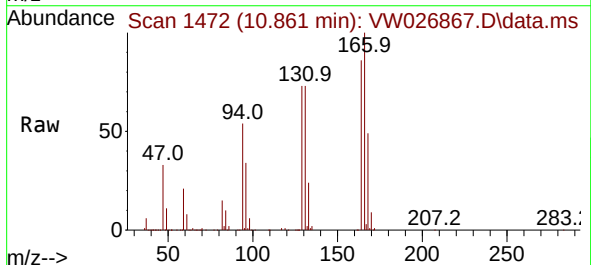
Instrument :
MSVOA_W
ClientSampleId :
DCHR5MS

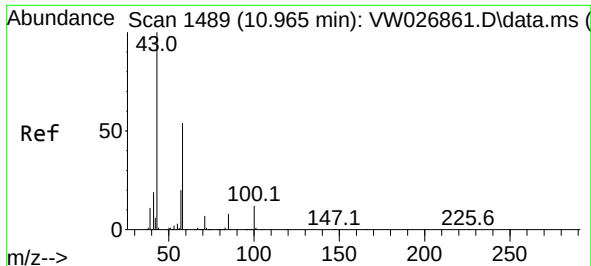
Tgt Ion: 97	Resp: 95747
Ion Ratio	Lower Upper
97 100	
99 60.5	44.2 82.0
83 80.4	61.9 114.9
85 52.7	40.0 74.2



#46
Tetrachloroethene
Concen: 19.928 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

Tgt	Ion:164	Resp:	98284
Ion	Ratio	Lower	Upper
164	100		
129	85.7	68.1	126.5
131	85.6	65.5	121.7
166	116.9	89.1	165.5

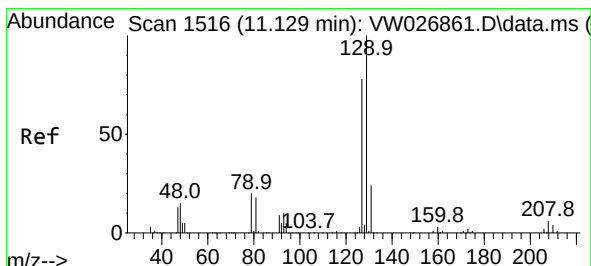
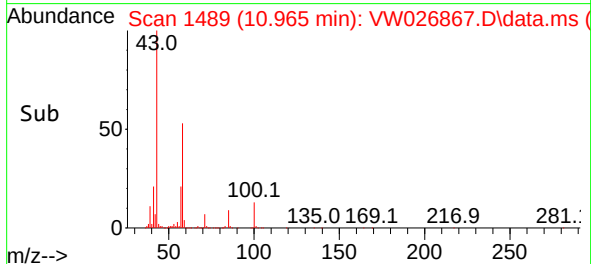
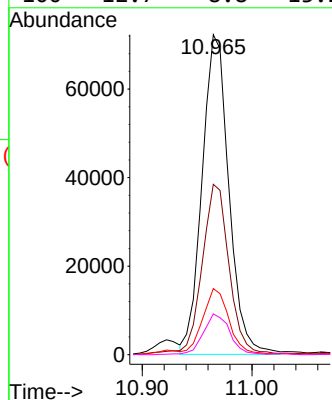
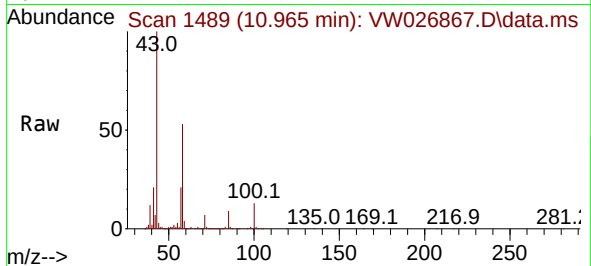




#48
2-Hexanone
Concen: 38.015 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

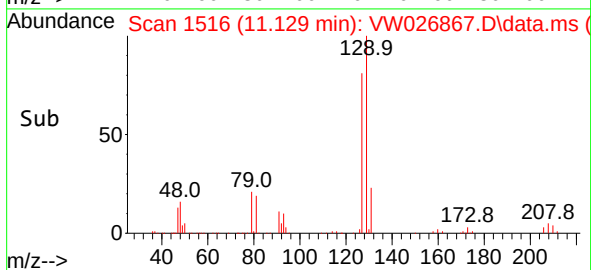
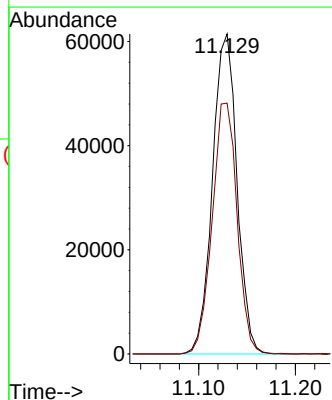
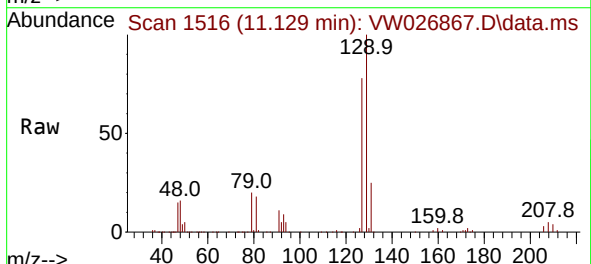
Instrument :
MSVOA_W
ClientSampleId :
DCHR5MS

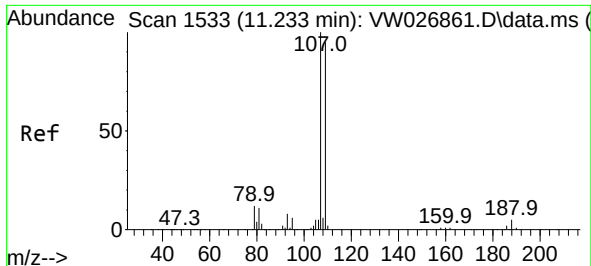
Tgt Ion: 43 Resp: 122847
Ion Ratio Lower Upper
43 100
58 51.8 41.1 61.7
57 19.5 14.3 21.5
100 12.7 8.8 13.2



#49
Dibromochloromethane
Concen: 20.698 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

Tgt Ion: 129 Resp: 108092
Ion Ratio Lower Upper
129 100
127 78.4 56.6 105.2





#50

1,2-Dibromoethane

Concen: 19.271 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026867.D

Acq: 24 Aug 2023 21:41

Instrument :

MSVOA_W

ClientSampleId :

DCHR5MS

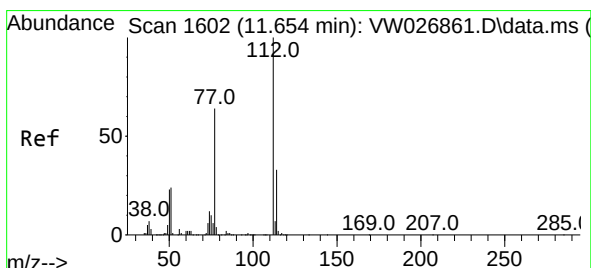
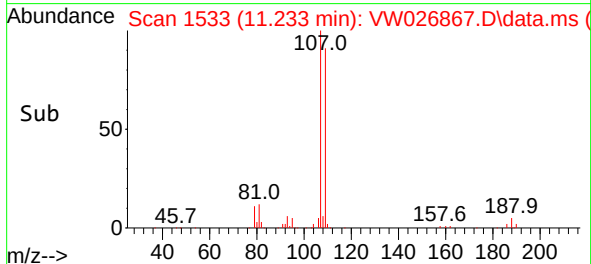
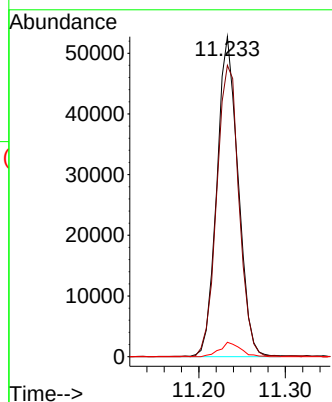
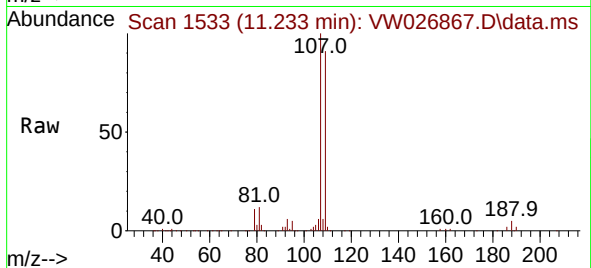
Tgt Ion:107 Resp: 90288

Ion Ratio Lower Upper

107 100

109 91.0 68.8 127.8

188 4.5 2.7 4.1#



#51

Chlorobenzene

Concen: 18.338 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026867.D

Acq: 24 Aug 2023 21:41

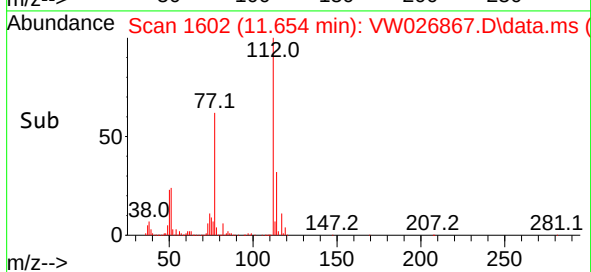
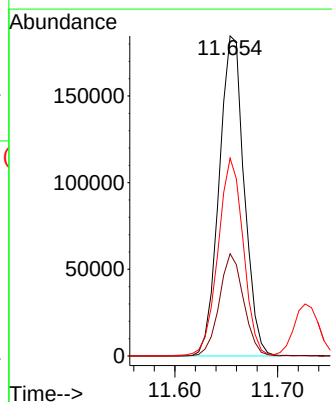
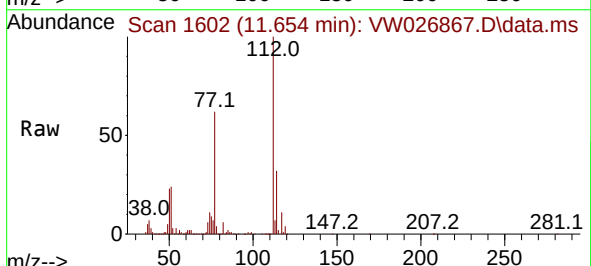
Tgt Ion:112 Resp: 312338

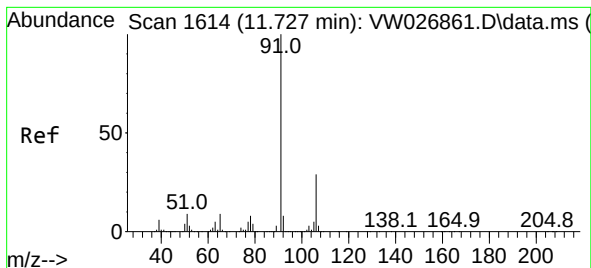
Ion Ratio Lower Upper

112 100

114 31.9 22.4 41.6

77 61.8 50.2 75.2

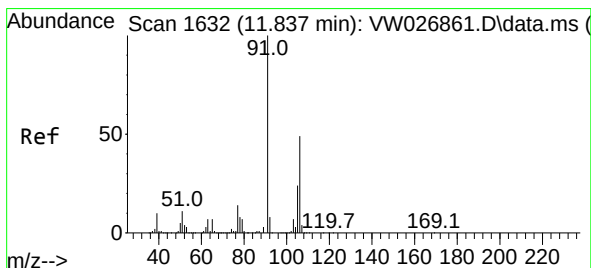
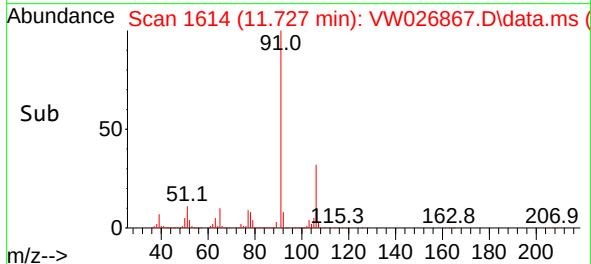
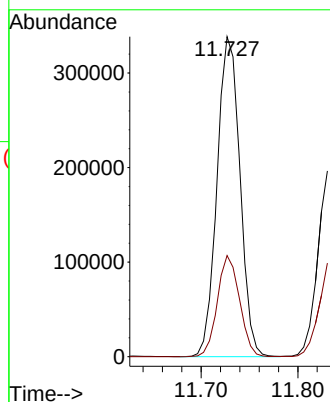
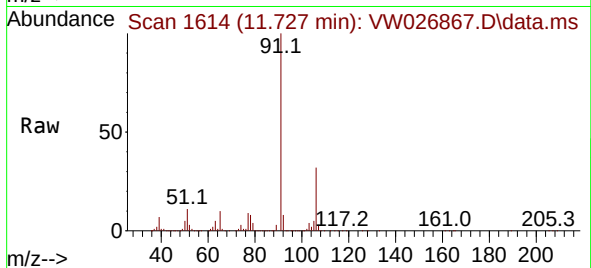




#52
Ethylbenzene
Concen: 18.436 ug/L
RT: 11.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

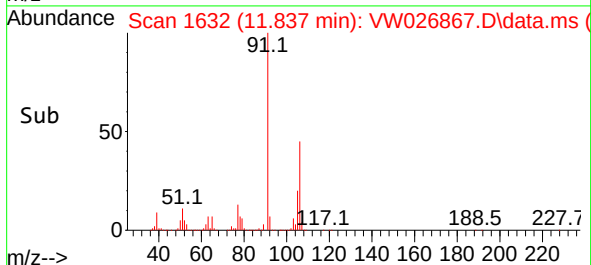
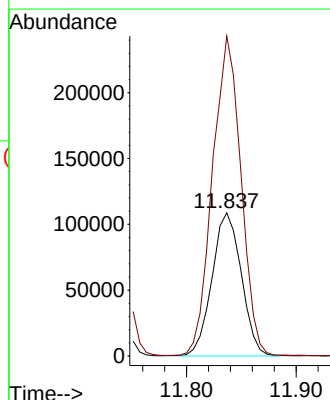
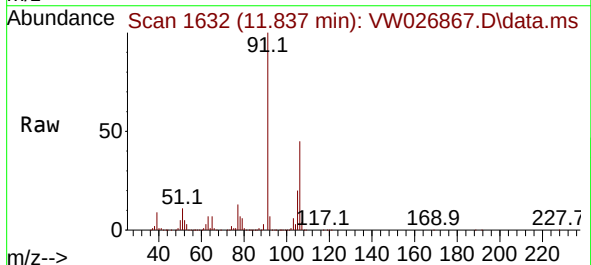
Instrument :
MSVOA_W
ClientSampleId :
DCHR5MS

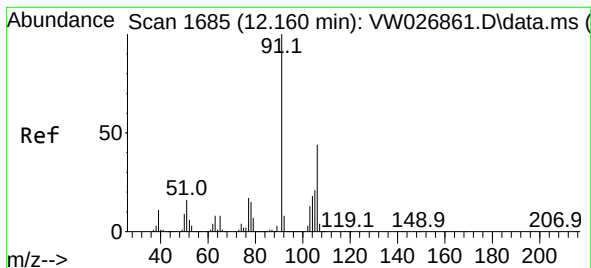
Tgt Ion: 91 Resp: 557444
Ion Ratio Lower Upper
91 100
106 31.6 20.2 37.6



#53
m,p-Xylene
Concen: 18.031 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

Tgt Ion:106 Resp: 201976
Ion Ratio Lower Upper
106 100
91 223.6 152.9 284.1

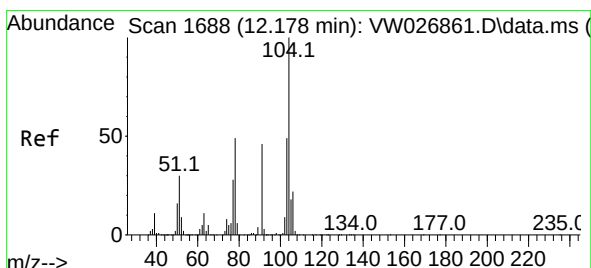
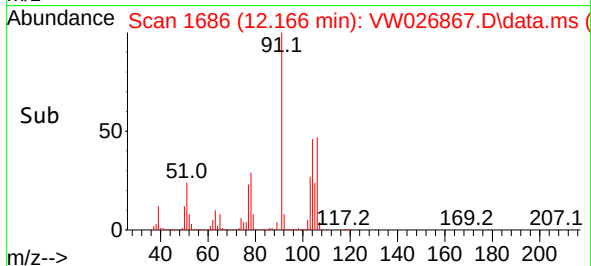
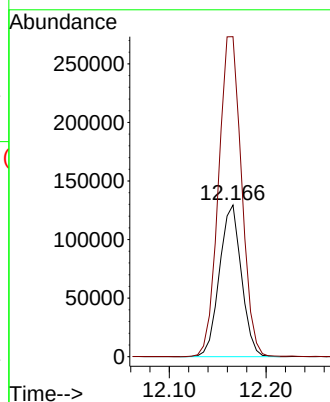
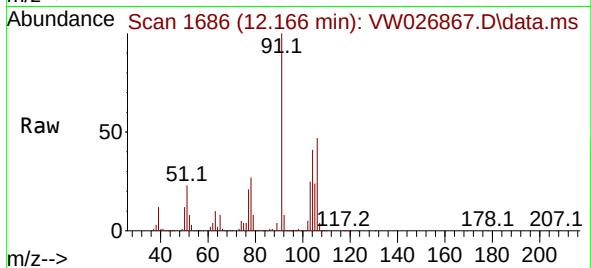




#54
o-Xylene
Concen: 19.505 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

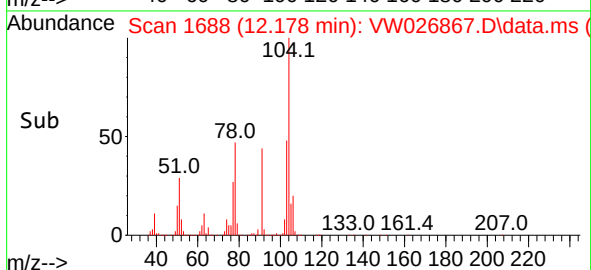
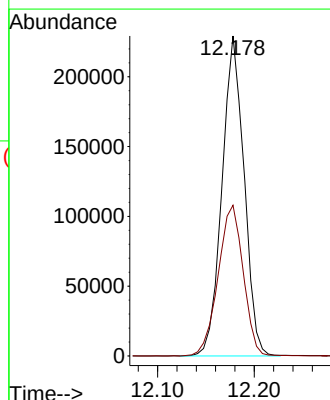
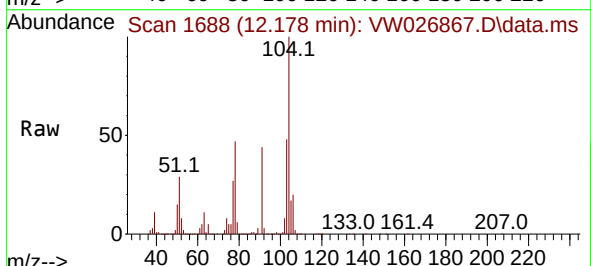
Instrument :
MSVOA_W
ClientSampleId :
DCHR5MS

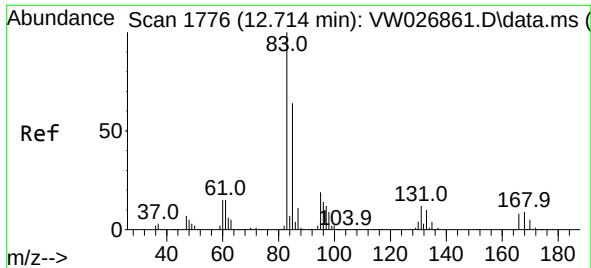
Tgt Ion:106 Resp: 203923
Ion Ratio Lower Upper
106 100
91 210.9 149.9 278.3



#55
Styrene
Concen: 19.941 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

Tgt Ion:104 Resp: 362495
Ion Ratio Lower Upper
104 100
78 47.1 33.0 61.2





#57

1,1,2-Tetrachloroethane

Concen: 19.251 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026867.D

Acq: 24 Aug 2023 21:41

Instrument :

MSVOA_W

ClientSampleId :

DCHR5MS

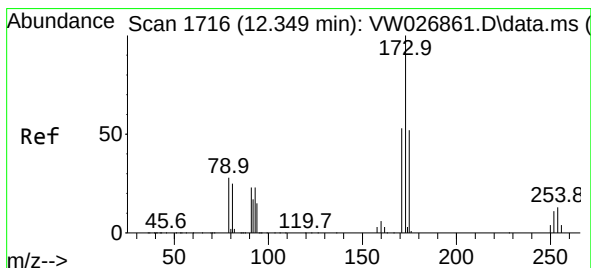
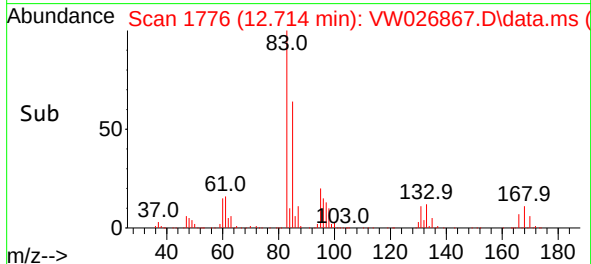
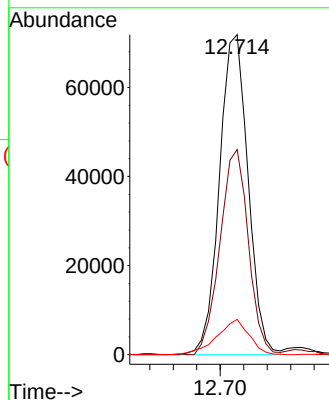
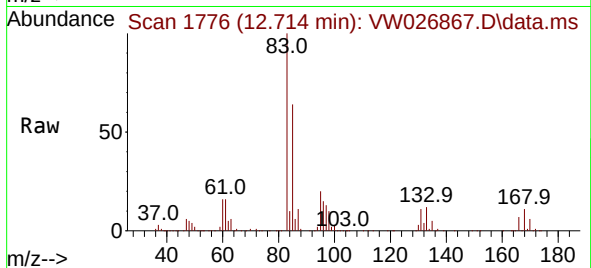
Tgt Ion: 83 Resp: 121735

Ion Ratio Lower Upper

83 100

85 64.1 44.9 83.3

131 11.0 7.4 11.0#



#59

Bromoform

Concen: 21.575 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026867.D

Acq: 24 Aug 2023 21:41

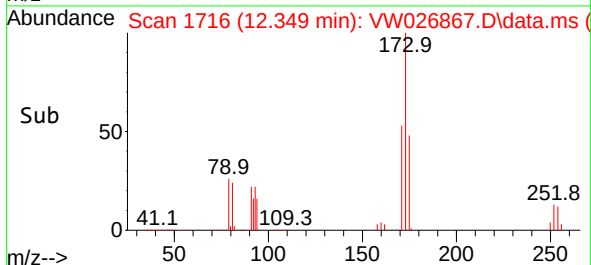
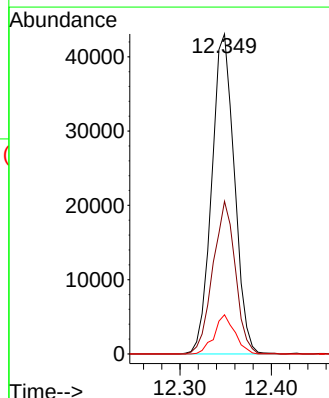
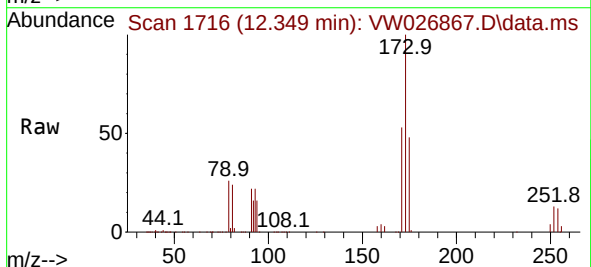
Tgt Ion:173 Resp: 74086

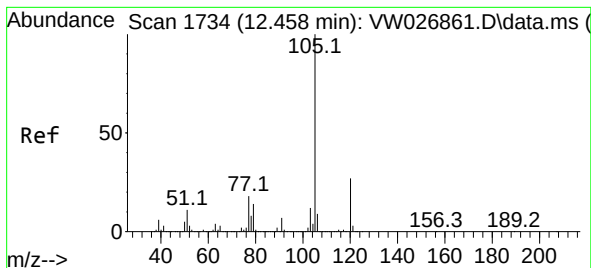
Ion Ratio Lower Upper

173 100

175 47.3 36.6 55.0

254 11.1 7.8 11.6

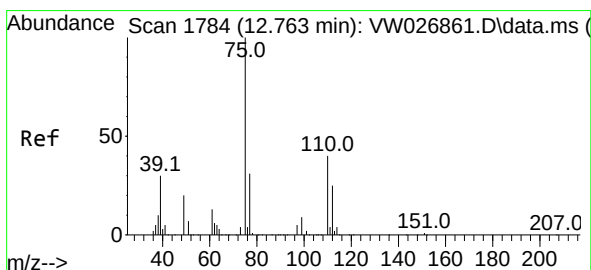
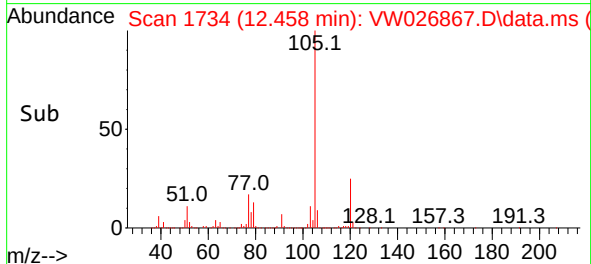
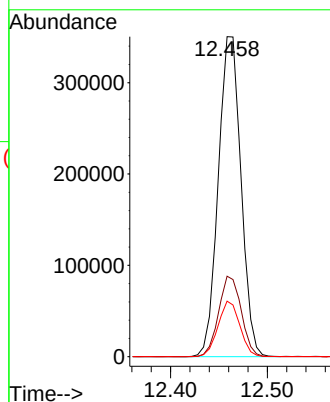
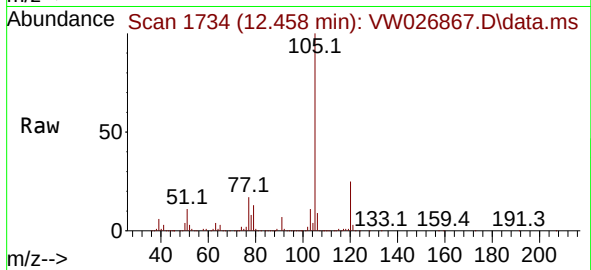




#60
Isopropylbenzene
Concen: 17.529 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

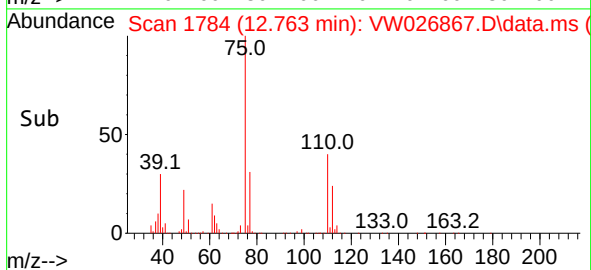
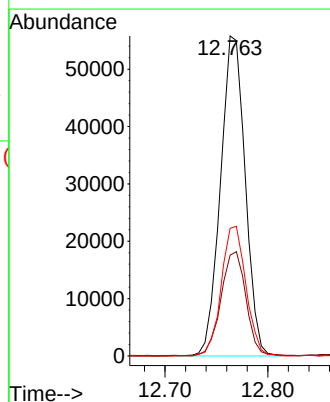
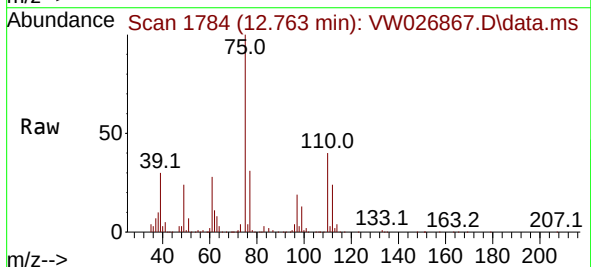
Instrument :
MSVOA_W
ClientSampleId :
DCHR5MS

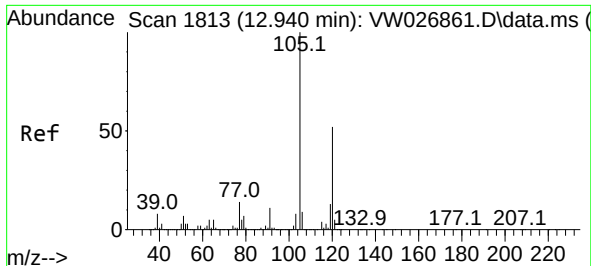
Tgt Ion:105 Resp: 571286
Ion Ratio Lower Upper
105 100
120 25.0 21.0 31.6
77 16.6 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 17.523 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

Tgt Ion: 75 Resp: 93175
Ion Ratio Lower Upper
75 100
77 33.1 26.1 39.1
110 40.4 29.9 44.9

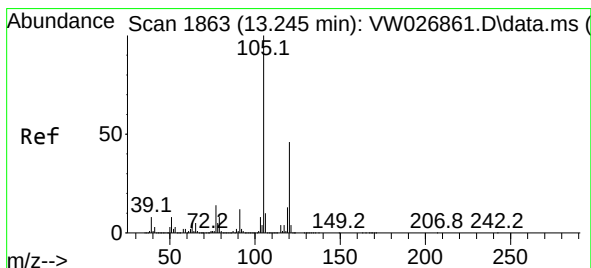
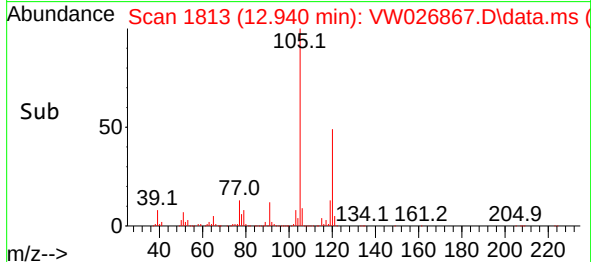
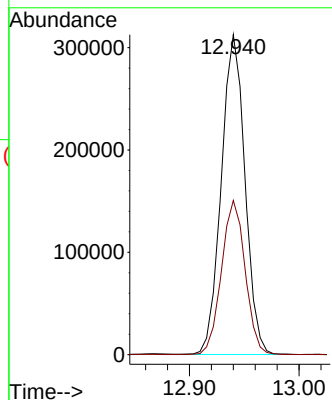
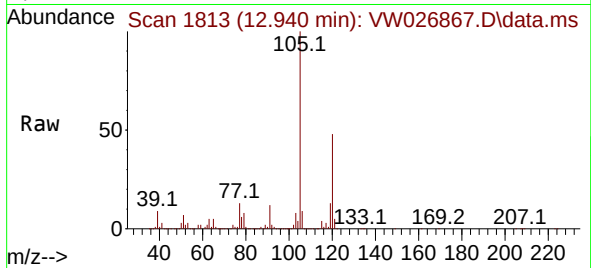




#62
1,3,5-Trimethylbenzene
Concen: 18.206 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

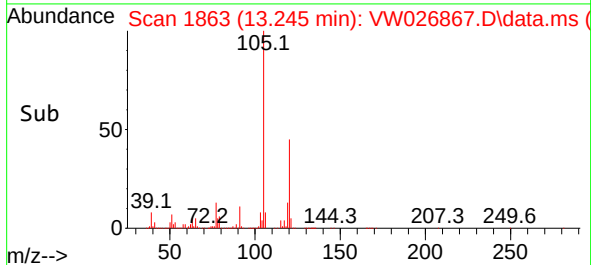
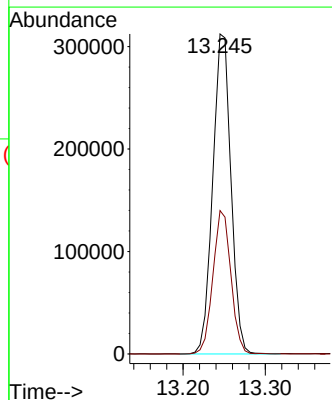
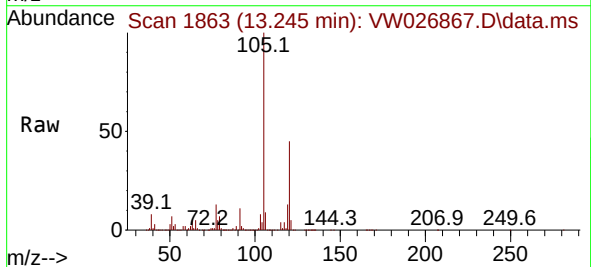
Instrument :
MSVOA_W
ClientSampleId :
DCHR5MS

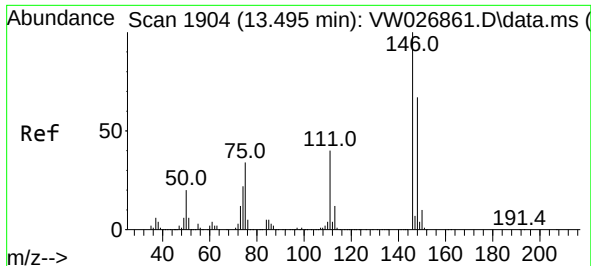
Tgt Ion:105 Resp: 468983
Ion Ratio Lower Upper
105 100
120 48.1 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 19.040 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

Tgt Ion:105 Resp: 480613
Ion Ratio Lower Upper
105 100
120 44.1 36.2 54.4

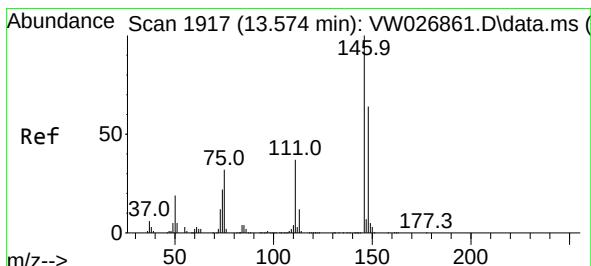
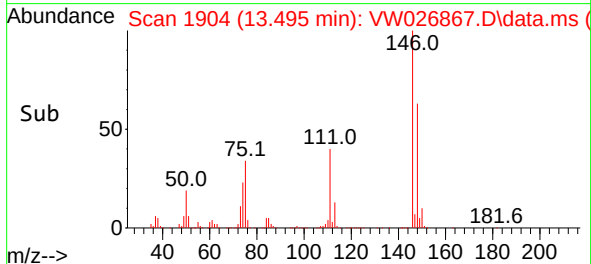
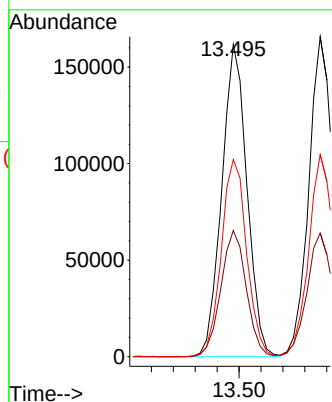
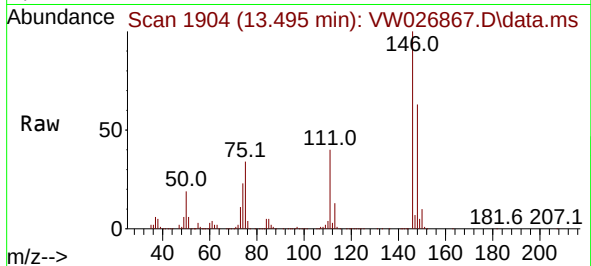




#64
1,3-Dichlorobenzene
Concen: 18.194 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

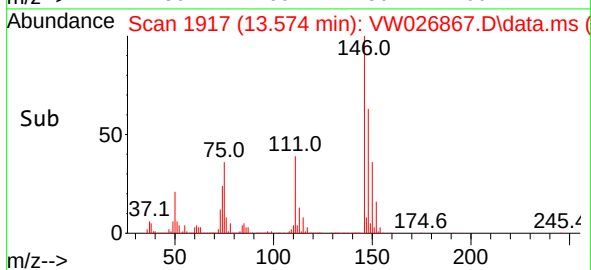
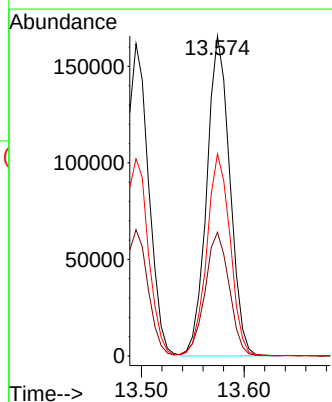
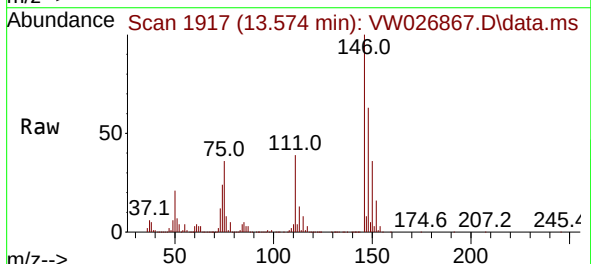
Instrument :
MSVOA_W
ClientSampleId :
DCHR5MS

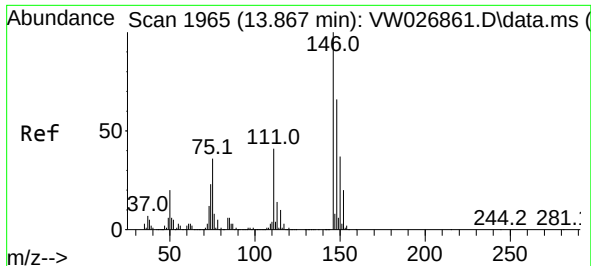
Tgt Ion:146 Resp: 257870
Ion Ratio Lower Upper
146 100
111 40.4 29.1 54.1
148 63.2 38.8 72.0



#65
1,4-Dichlorobenzene
Concen: 17.500 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026867.D
Acq: 24 Aug 2023 21:41

Tgt Ion:146 Resp: 258854
Ion Ratio Lower Upper
146 100
111 38.7 28.3 52.7
148 63.2 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 18.398 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026867.D

Acq: 24 Aug 2023 21:41

Instrument :

MSVOA_W

ClientSampleId :

DCHR5MS

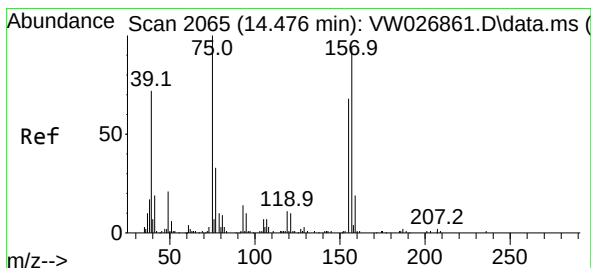
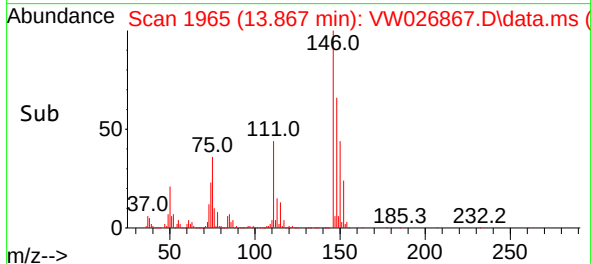
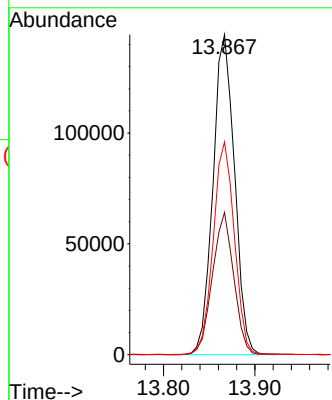
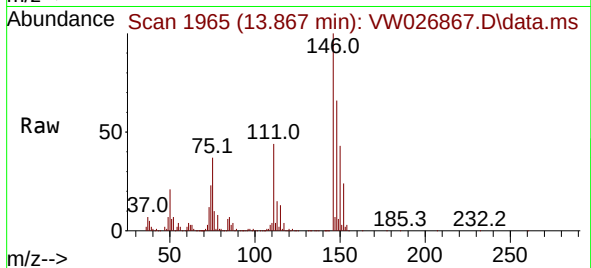
Tgt Ion:146 Resp: 237128

Ion Ratio Lower Upper

146 100

111 44.4 34.6 52.0

148 66.5 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 19.518 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW026867.D

Acq: 24 Aug 2023 21:41

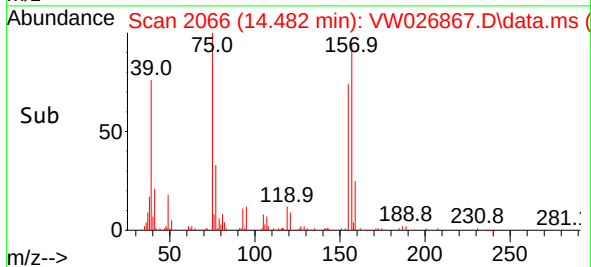
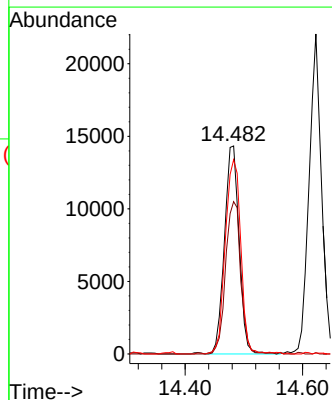
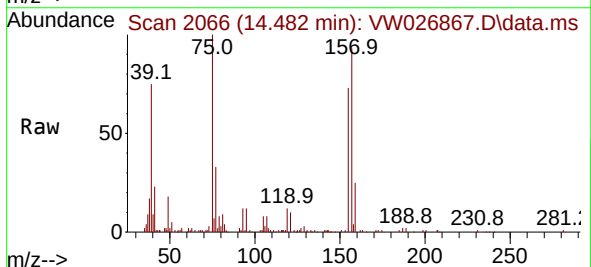
Tgt Ion: 75 Resp: 25019

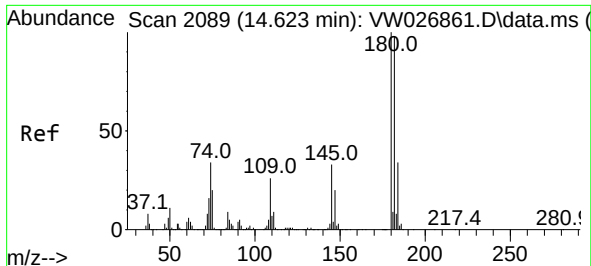
Ion Ratio Lower Upper

75 100

155 73.2 55.0 82.6

157 93.4 77.8 116.6





#69

1,3,5-Trichlorobenzene

Concen: 18.634 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026867.D

Acq: 24 Aug 2023 21:41

Instrument :

MSVOA_W

ClientSampleId :

DCHR5MS

Tgt Ion:180 Resp: 178433

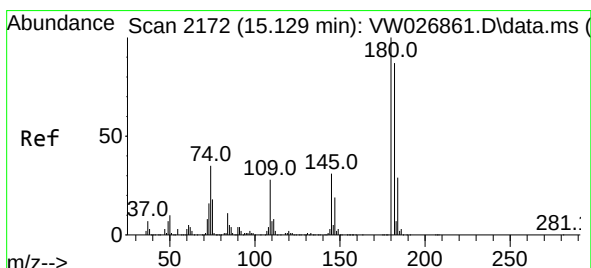
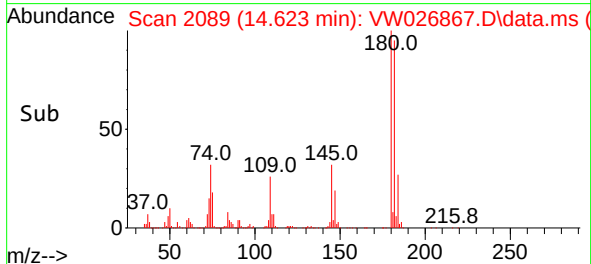
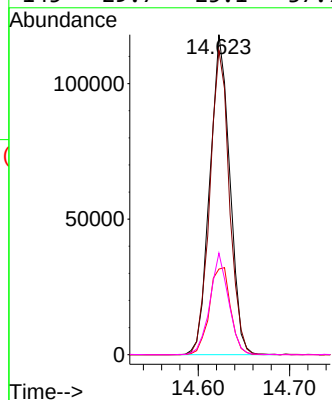
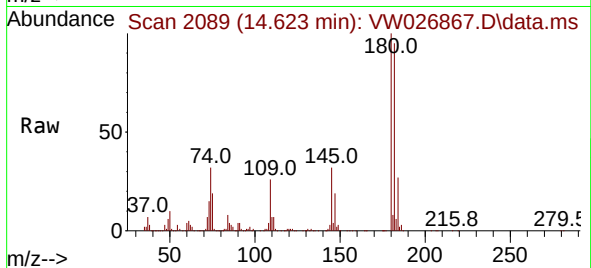
Ion Ratio Lower Upper

180 100

182 93.5 75.2 112.8

184 29.0 23.8 35.8

145 29.7 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 19.017 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026867.D

Acq: 24 Aug 2023 21:41

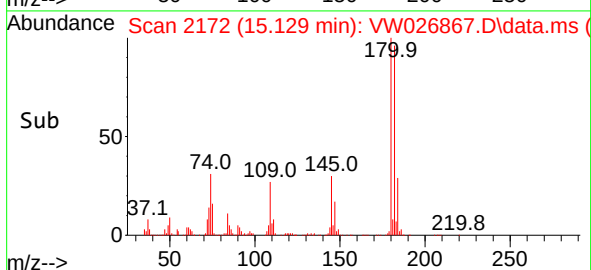
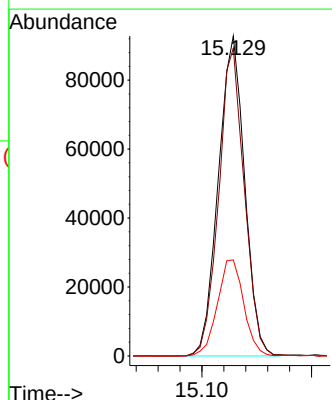
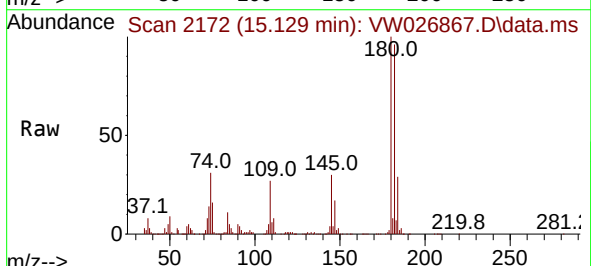
Tgt Ion:180 Resp: 154396

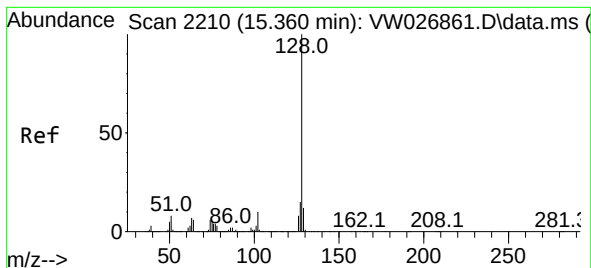
Ion Ratio Lower Upper

180 100

182 93.3 72.5 108.7

145 30.1 24.7 37.1





#71

Naphthalene

Concen: 21.230 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026867.D

Acq: 24 Aug 2023 21:41

Instrument :

MSVOA_W

ClientSampleId :

DCHR5MS

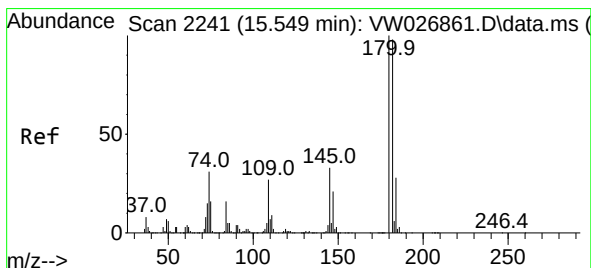
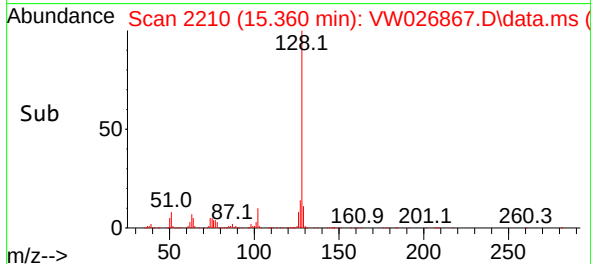
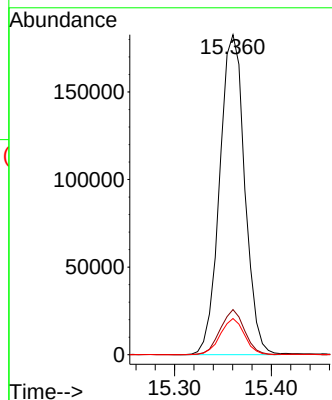
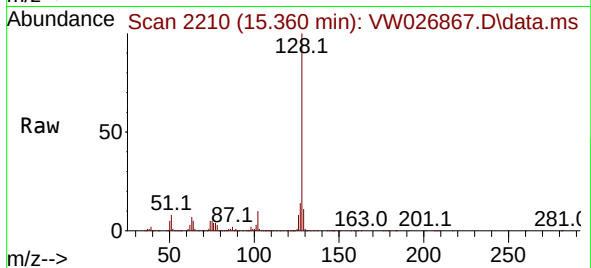
Tgt Ion:128 Resp: 328787

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 10.9 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 19.305 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW026867.D

Acq: 24 Aug 2023 21:41

Tgt Ion:180 Resp: 141365

Ion Ratio Lower Upper

180 100

182 95.8 74.6 112.0

145 32.5 27.0 40.6

