

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060623\
 Data File : VW026116.D
 Acq On : 06 Jun 2023 18:49
 Operator : SY/MD
 Sample : 03062-04MS
 Misc : 4.82g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZEL1MS

Quant Time: Jun 07 01:09:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 07 01:06:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	860433	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	780747	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	385077	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	281136	23.226	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.920%
7) Chloroethane-d5	2.893	69	233046	25.719	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.880%
11) 1,1-Dichloroethene-d2	4.027	65	110711	18.549	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.200%
21) 2-Butanone-d5	7.075	46	191206	54.258	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.520%
24) Chloroform-d	7.648	84	589689	23.403	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	8.307	65	328998	23.879	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.520%
32) Benzene-d6	8.276	84	1193677	22.721	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.880%
36) 1,2-Dichloropropane-d6	9.270	67	389435	23.398	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.600%
41) Toluene-d8	10.319	98	1046220	22.456	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.840%
43) trans-1,3-Dichloroprop...	10.575	79	147357	22.342	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.360%
47) 2-Hexanone-d5	10.922	63	141373	53.869	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	305405	25.216	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	326274	22.137	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	212567	20.153	ug/L	96
3) Chloromethane	2.229	50	311768	23.052	ug/L	96
5) Vinyl chloride	2.375	62	323333	22.366	ug/L	98
6) Bromomethane	2.789	94	178791	22.686	ug/L	98
8) Chloroethane	2.936	64	190127	24.337	ug/L	97
9) Trichlorofluoromethane	3.265	101	184429	19.830	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	213021	18.151	ug/L	99
12) 1,1-Dichloroethene	4.045	96	200361	18.289	ug/L	99
13) Acetone	4.119	43	104855	38.453	ug/L	99
14) Carbon disulfide	4.393	76	756372	19.558	ug/L	100
15) Methyl Acetate	4.667	43	151195	24.705	ug/L	97
16) Methylene chloride	4.923	84	272714	19.858	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	262754	21.377	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	423767	21.875	ug/L	99
19) 1,1-Dichloroethane	6.216	63	547014	21.860	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	283434	21.770	ug/L	98
22) 2-Butanone	7.167	43	196252	50.454	ug/L	98
23) Bromochloromethane	7.514	128	123812	22.298	ug/L	94
25) Chloroform	7.673	83	511619	21.952	ug/L	99

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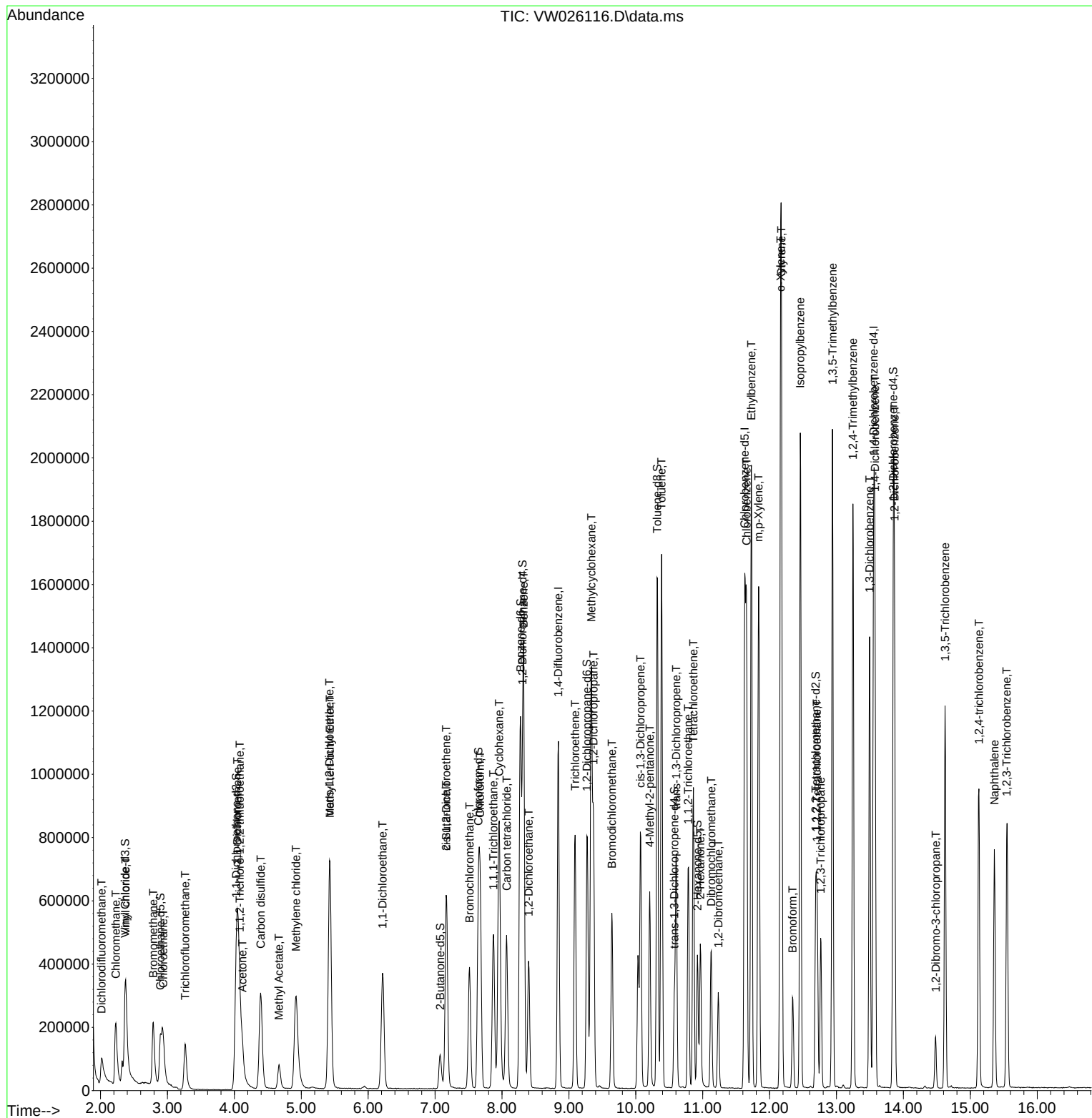
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	365022	22.708	ug/L	100
29) Cyclohexane	7.959	56	506506	21.013	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	393397	20.763	ug/L	99
31) Carbon tetrachloride	8.069	117	357874	20.699	ug/L	99
33) Benzene	8.325	78	1146368	21.434	ug/L	100
34) Trichloroethene	9.093	95	280886	20.510	ug/L	96
35) Methylcyclohexane	9.337	83	511152	21.093	ug/L	99
37) 1,2-Dichloropropane	9.368	63	316546	21.851	ug/L	99
38) Bromodichloromethane	9.642	83	364560	21.661	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	468523	22.008	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	429115	50.244	ug/L	100
42) Toluene	10.386	91	1177458	21.524	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	395554	22.303	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	217459	22.777	ug/L	95
46) Tetrachloroethene	10.861	164	204665	21.128	ug/L	91
48) 2-Hexanone	10.965	43	299455	49.727	ug/L	99
49) Dibromochloromethane	11.129	129	222941	22.272	ug/L	95
50) 1,2-Dibromoethane	11.233	107	198169	22.417	ug/L	98
51) Chlorobenzene	11.654	112	729517	21.281	ug/L	96
52) Ethylbenzene	11.727	91	1335404	21.640	ug/L	98
53) m,p-Xylene	11.837	106	484604	21.109	ug/L	97
54) o-Xylene	12.166	106	467416	21.572	ug/L	99
55) Styrene	12.178	104	833335	22.418	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	273091	23.635	ug/L	99
59) Bromoform	12.343	173	123515	21.356	ug/L	99
60) Isopropylbenzene	12.458	105	1267026	20.945	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	197003	22.839	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1032714	21.475	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	932026	21.161	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	535656	21.060	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	549625	21.463	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	491085	21.501	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.483	75	43986	22.010	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	334418	19.140	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	288608	20.019	ug/L	94
71) Naphthalene	15.360	128	585091	22.770	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	257592	20.444	ug/L	99

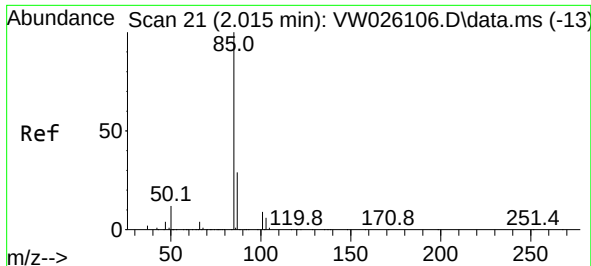
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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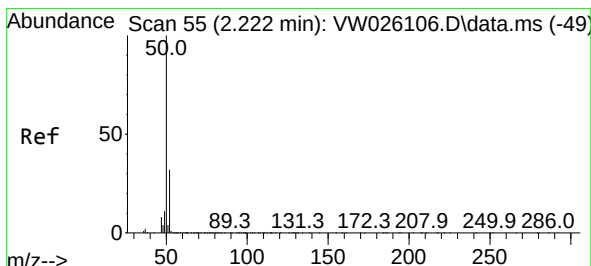
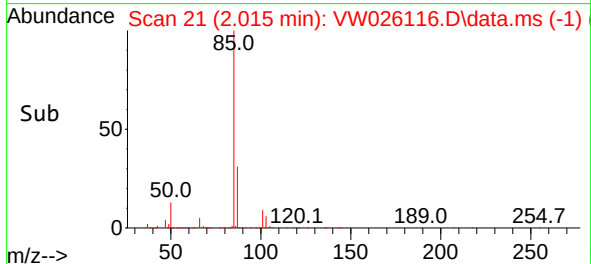
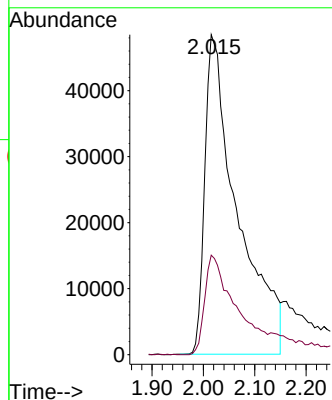
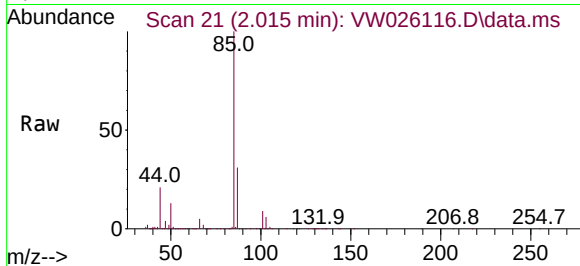




#2
 Dichlorodifluoromethane
 Concen: 20.153 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026116.D
 Acq: 06 Jun 2023 18:49

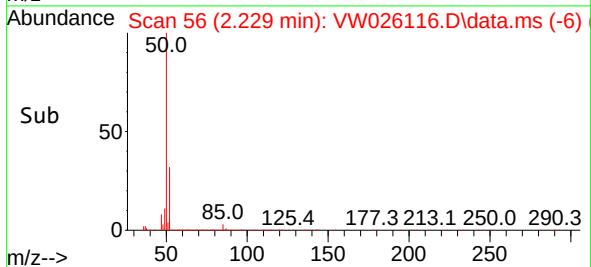
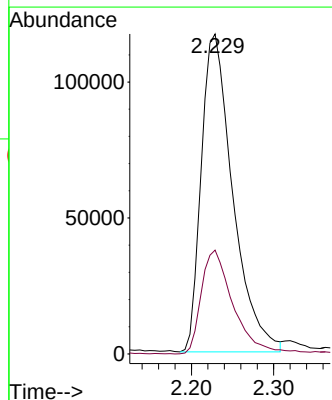
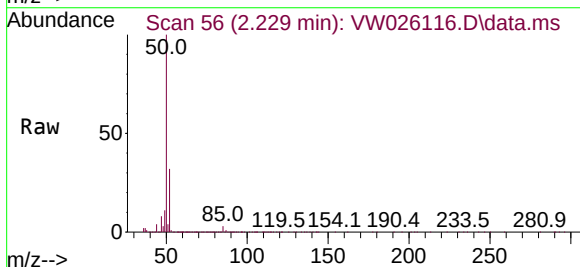
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 ClientSampleId :
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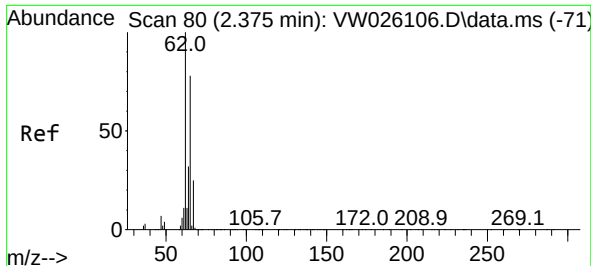
Tgt Ion: 85 Resp: 212567
 Ion Ratio Lower Upper
 85 100
 87 29.8 22.2 33.2



#3
 Chloromethane
 Concen: 23.052 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW026116.D
 Acq: 06 Jun 2023 18:49

Tgt Ion: 50 Resp: 311768
 Ion Ratio Lower Upper
 50 100
 52 32.5 21.3 39.6

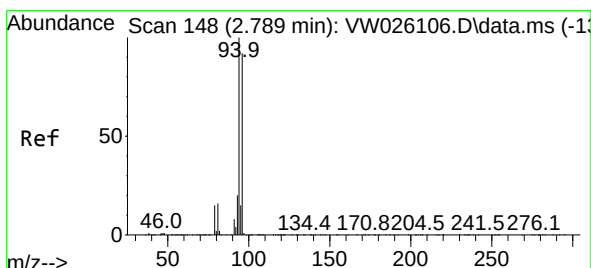
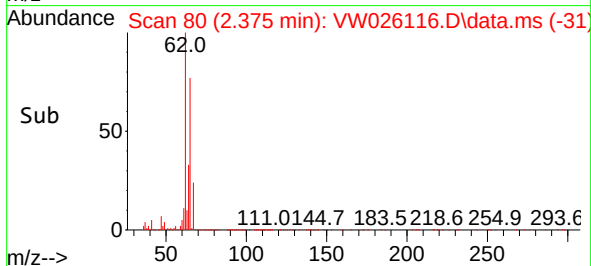
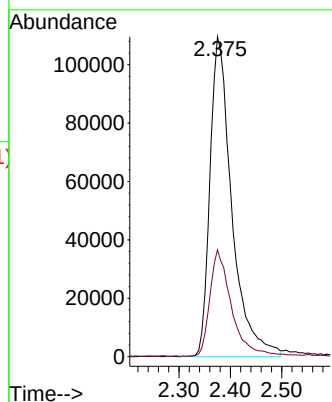
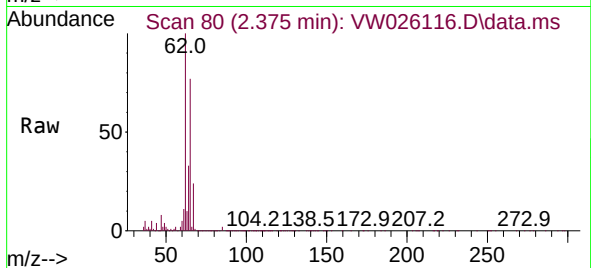




#5
 Vinyl chloride
 Concen: 22.366 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026116.D
 Acq: 06 Jun 2023 18:49

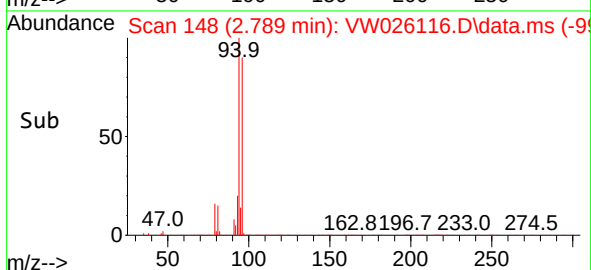
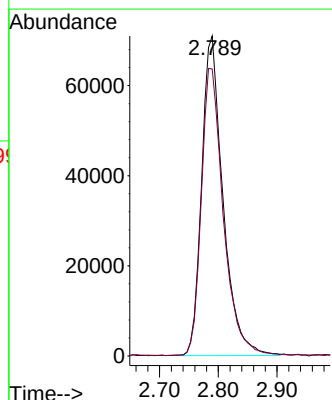
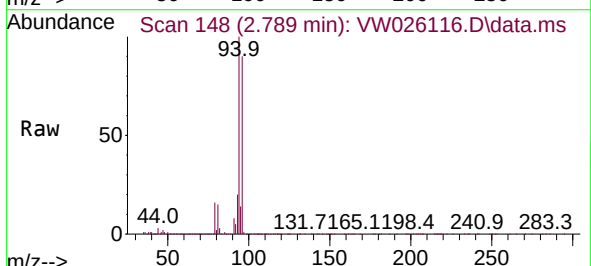
Instrument :
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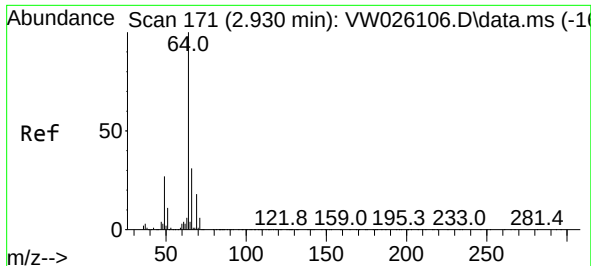
Tgt Ion: 62 Resp: 323333
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.7 42.1



#6
 Bromomethane
 Concen: 22.686 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW026116.D
 Acq: 06 Jun 2023 18:49

Tgt Ion: 94 Resp: 178791
 Ion Ratio Lower Upper
 94 100
 96 89.7 64.2 119.2

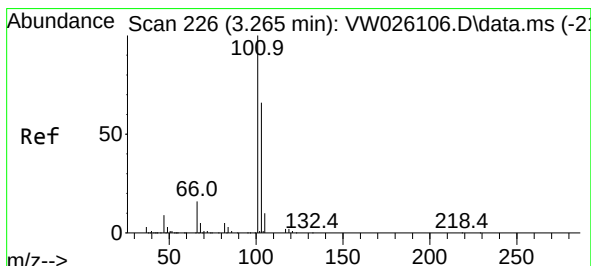
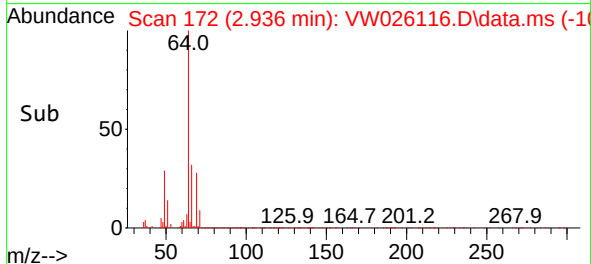
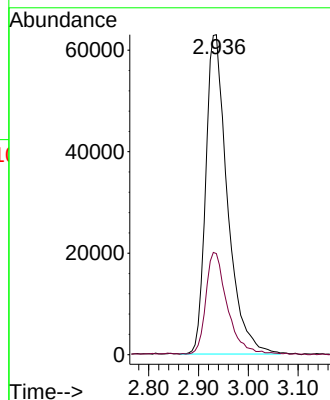
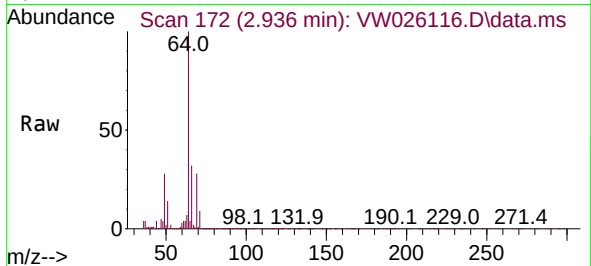




#8
Chloroethane
Concen: 24.337 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

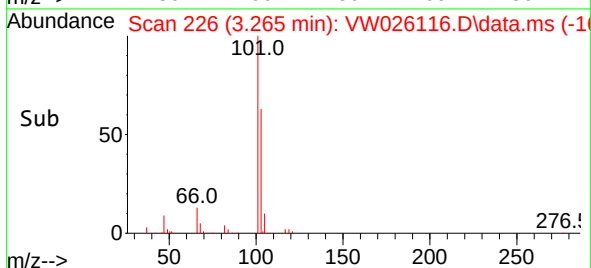
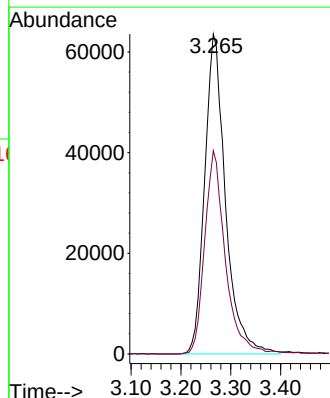
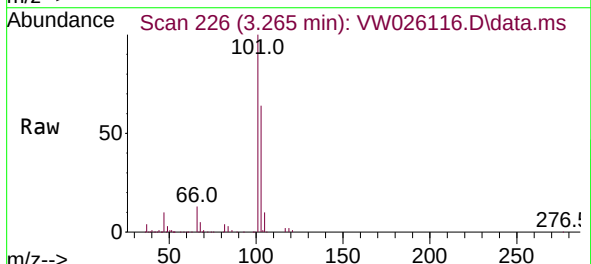
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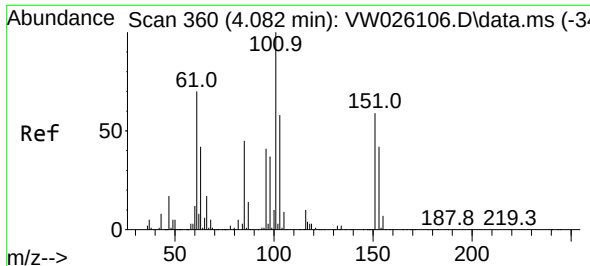
Tgt Ion: 64 Resp: 190127
Ion Ratio Lower Upper
64 100
66 31.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 19.830 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

Tgt Ion:101 Resp: 184429
Ion Ratio Lower Upper
101 100
103 62.5 51.6 77.4

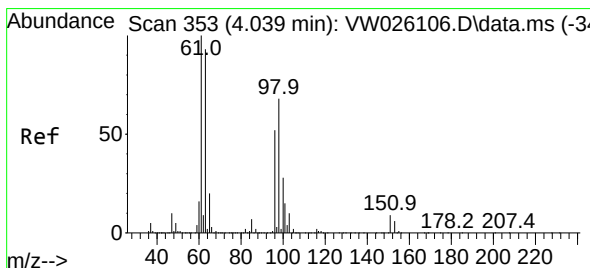
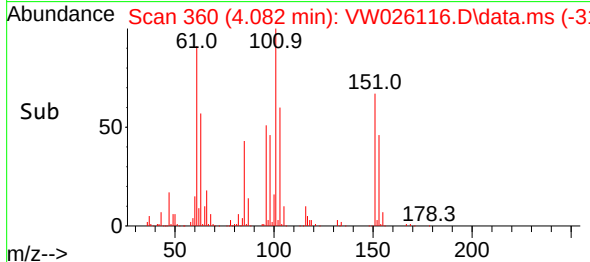
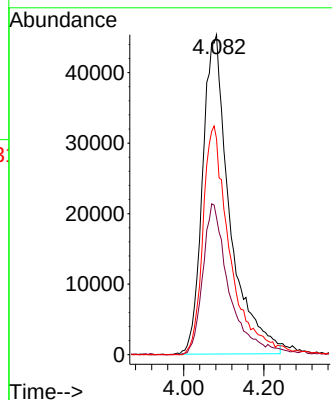
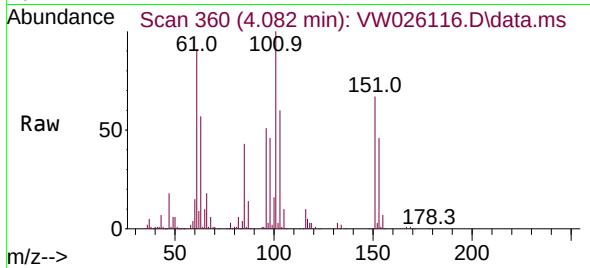




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.151 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. 0.000 min
 Lab File: VW026116.D
 Acq: 06 Jun 2023 18:49

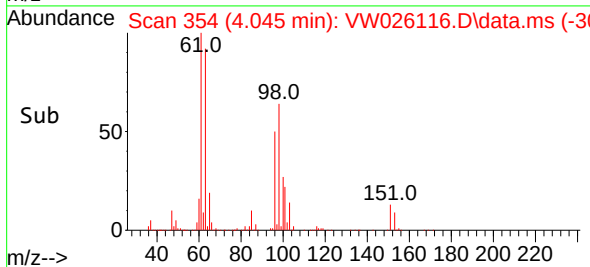
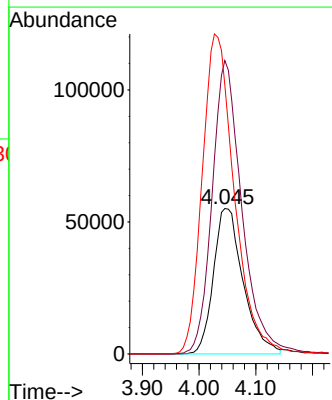
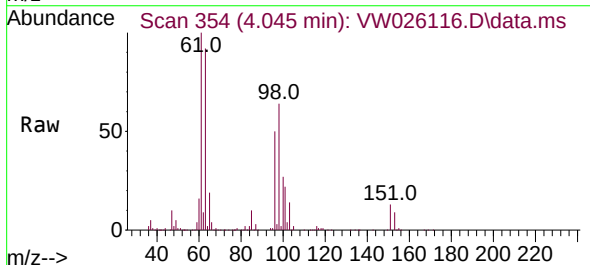
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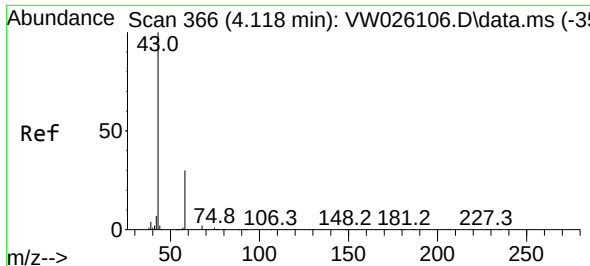
Tgt Ion:101 Resp: 213021
 Ion Ratio Lower Upper
 101 100
 85 44.5 36.1 54.1
 151 69.4 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 18.289 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW026116.D
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Tgt Ion: 96 Resp: 200361
 Ion Ratio Lower Upper
 96 100
 61 201.8 140.6 261.0
 63 184.9 131.7 244.5

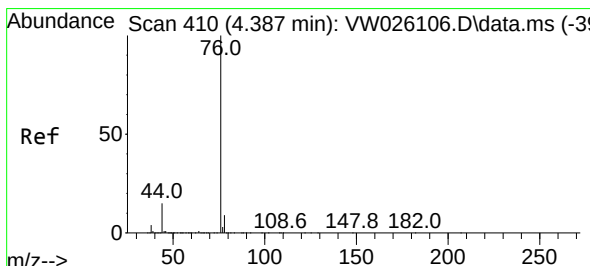
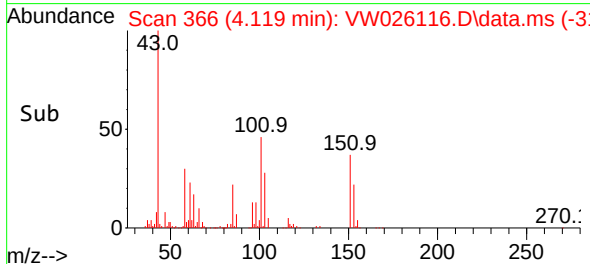
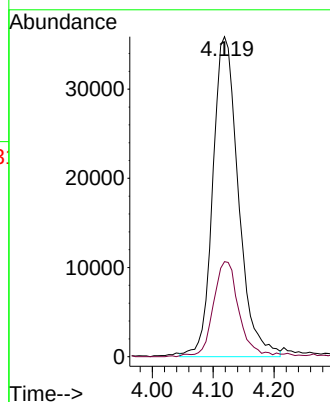
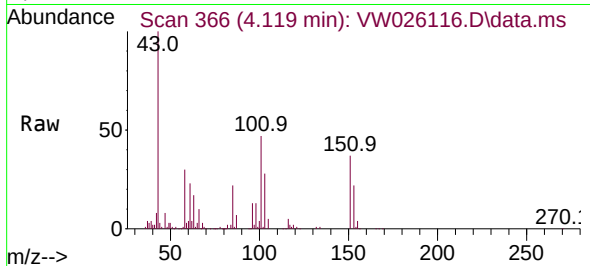




#13
Acetone
Concen: 38.453 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
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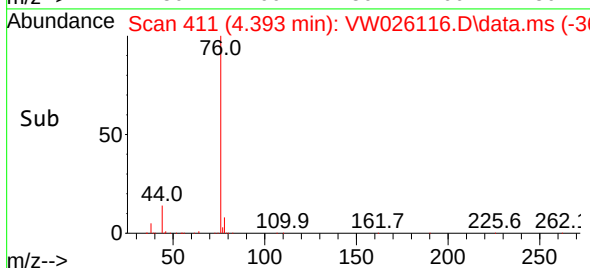
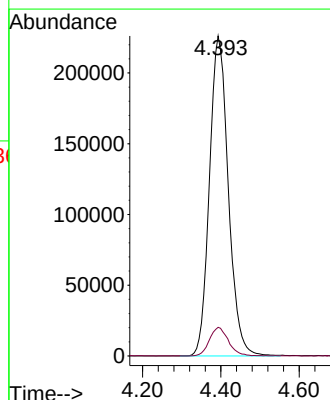
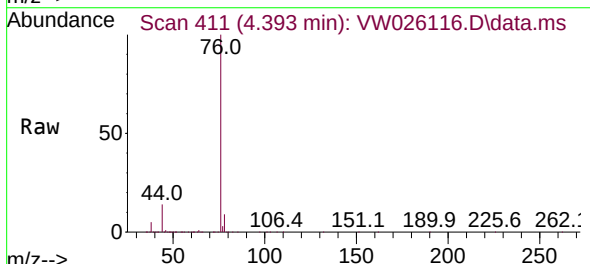
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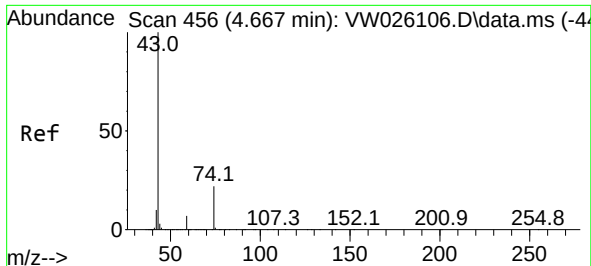
Tgt Ion: 43 Resp: 104855
Ion Ratio Lower Upper
43 100
58 28.7 0.0 58.2



#14
Carbon disulfide
Concen: 19.558 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 756372
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

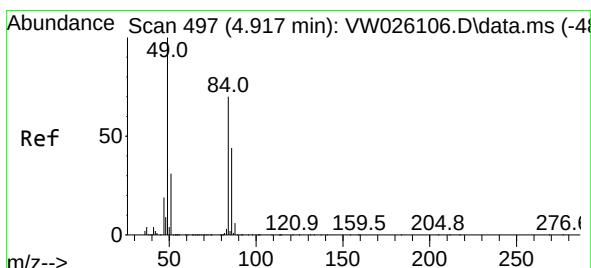
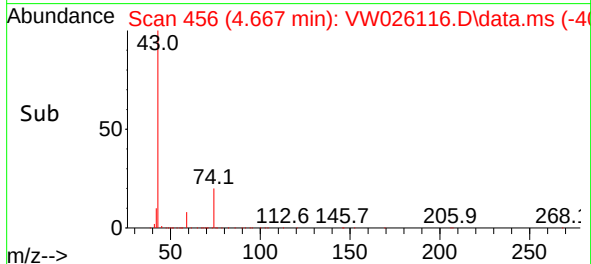
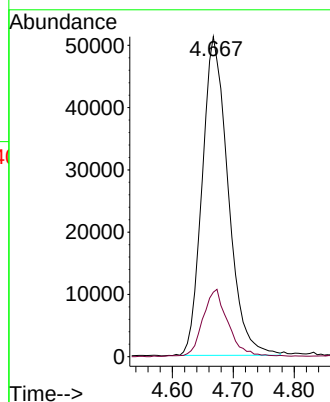
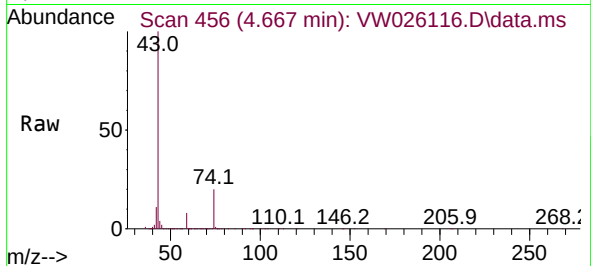




#15
Methyl Acetate
Concen: 24.705 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

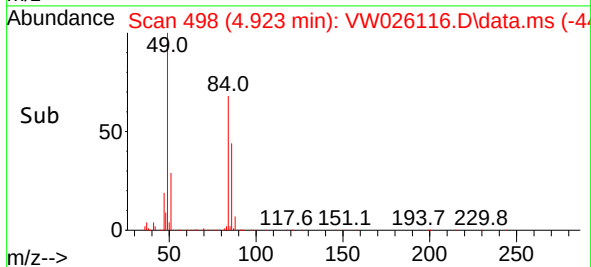
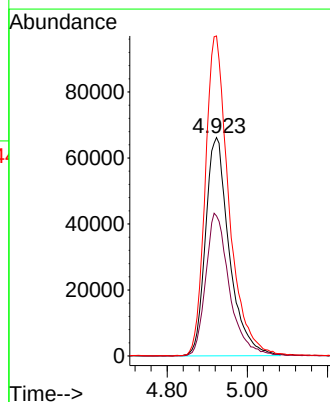
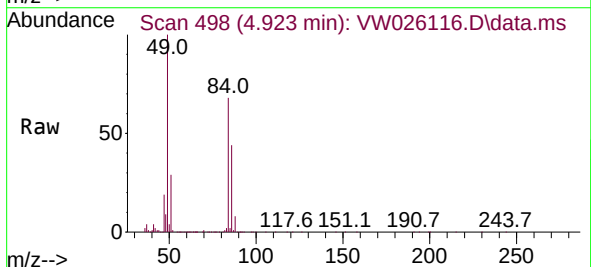
Instrument :
MSVOA_W
ClientSampleId :
EZEL1MS

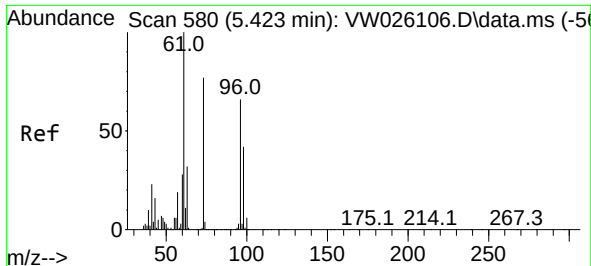
Tgt Ion: 43 Resp: 151195
Ion Ratio Lower Upper
43 100
74 19.6 16.6 25.0



#16
Methylene chloride
Concen: 19.858 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

Tgt Ion: 84 Resp: 272714
Ion Ratio Lower Upper
84 100
86 64.1 44.2 82.0
49 146.6 98.8 183.6

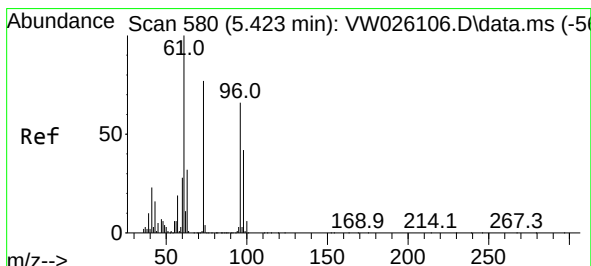
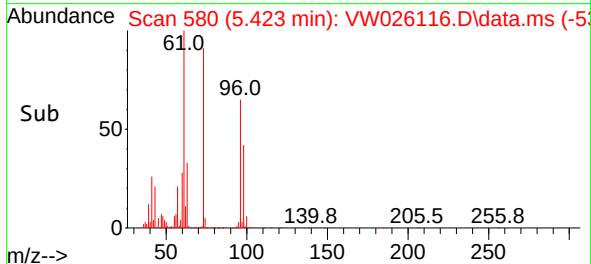
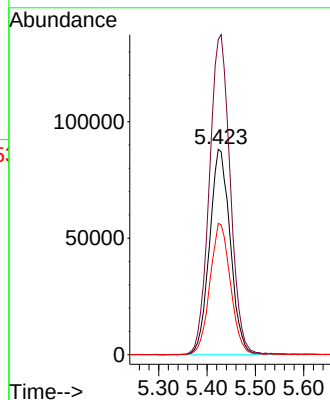
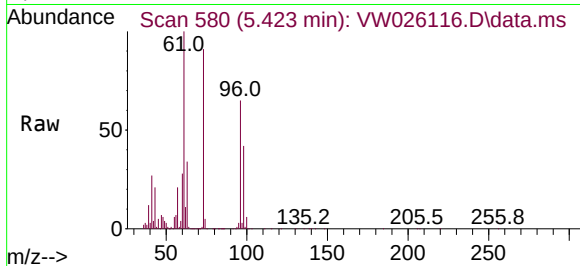




#17
trans-1,2-Dichloroethene
Concen: 21.377 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

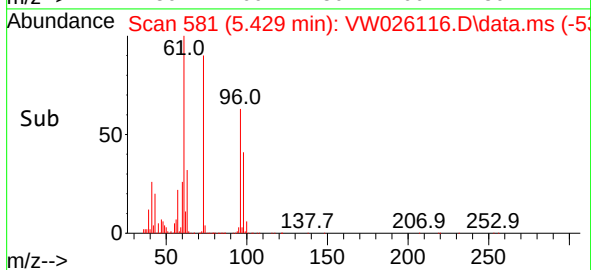
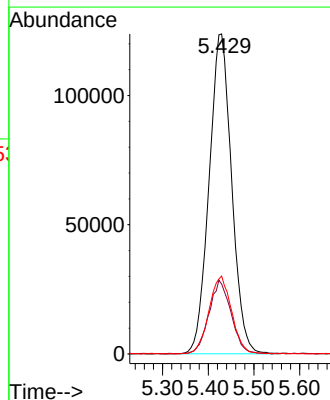
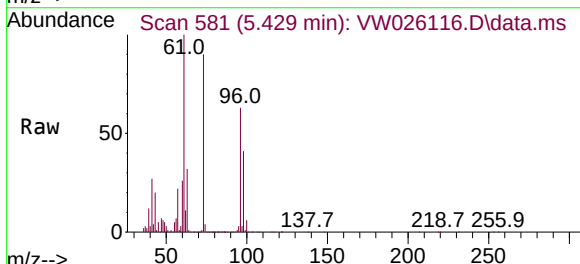
Instrument :
MSVOA_W
ClientSampleId :
EZEL1MS

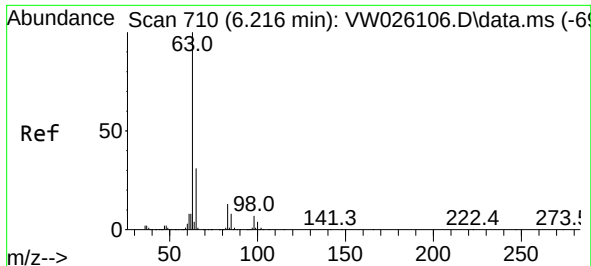
Tgt Ion: 96 Resp: 262754
Ion Ratio Lower Upper
96 100
61 153.5 113.0 209.8
98 63.9 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 21.875 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

Tgt Ion: 73 Resp: 423767
Ion Ratio Lower Upper
73 100
43 22.3 17.8 26.6
57 24.5 18.9 28.3

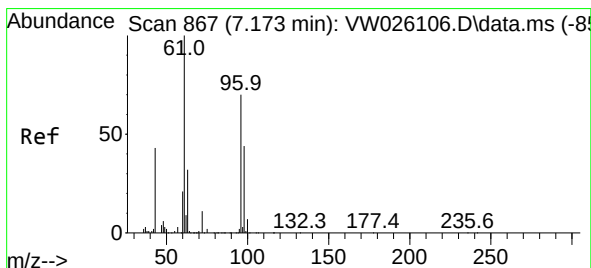
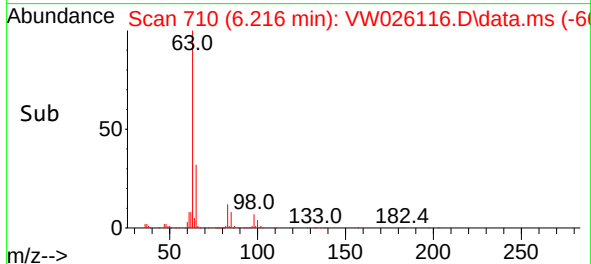
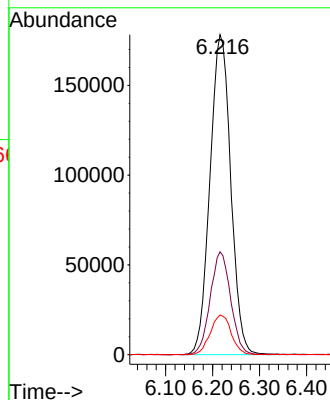
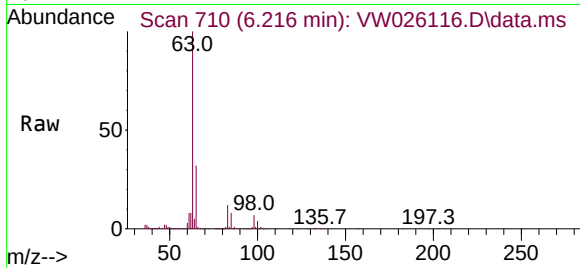




#19
1,1-Dichloroethane
Concen: 21.860 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

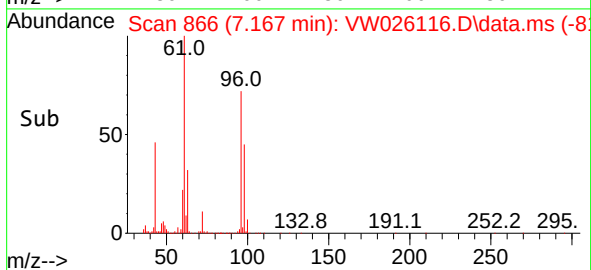
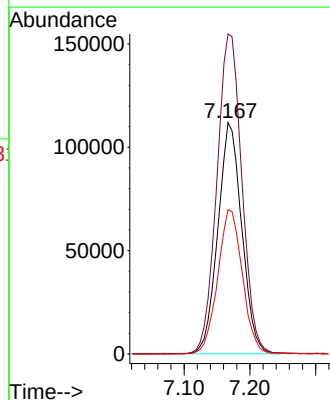
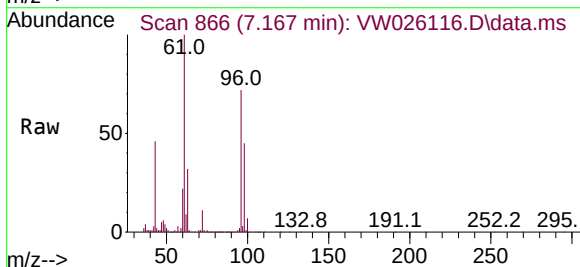
Instrument :
MSVOA_W
ClientSampleId :
EZEL1MS

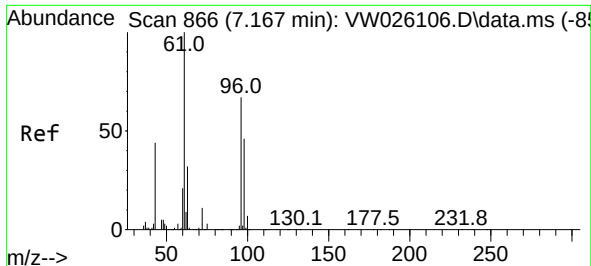
Tgt Ion: 63 Resp: 547014
Ion Ratio Lower Upper
63 100
65 32.1 22.3 41.5
83 12.4 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 21.770 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

Tgt Ion: 96 Resp: 283434
Ion Ratio Lower Upper
96 100
61 138.3 98.4 182.8
98 62.3 45.2 84.0

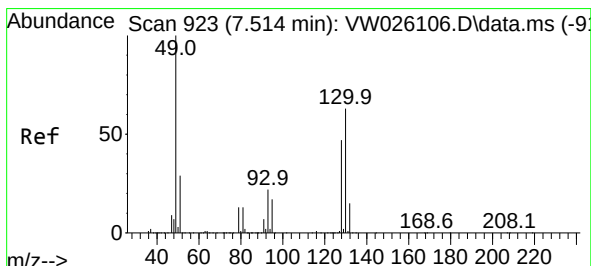
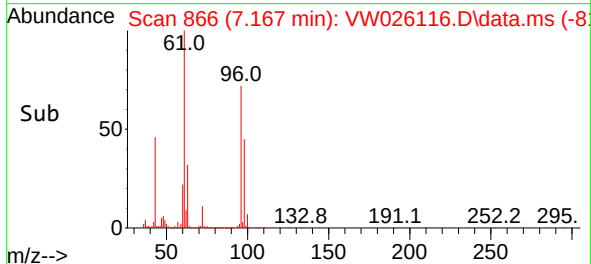
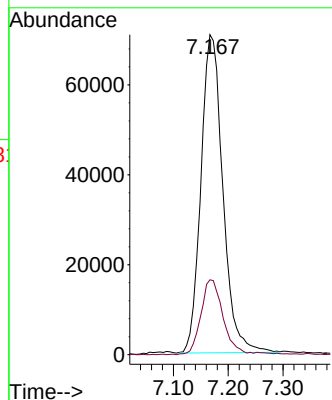
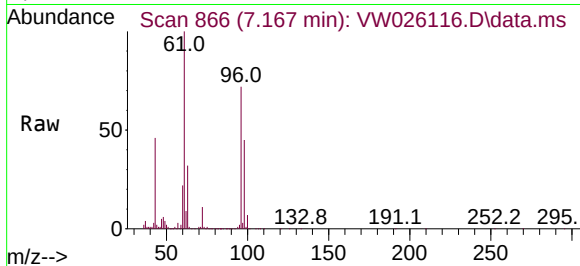




#22
2-Butanone
Concen: 50.454 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

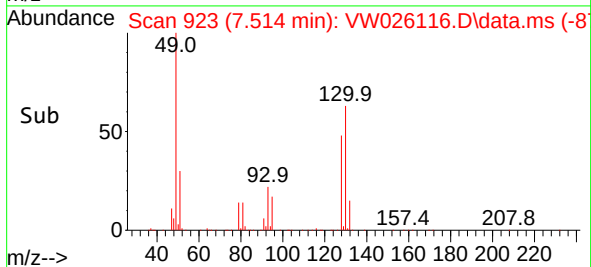
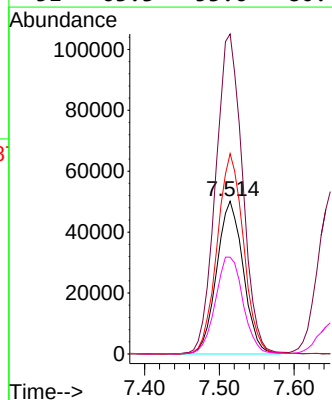
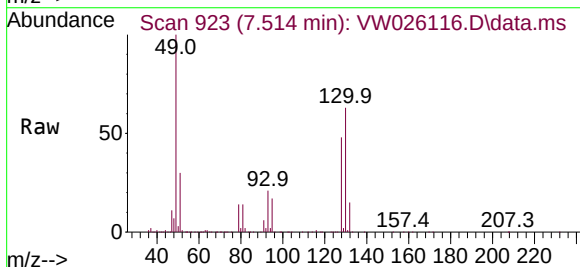
Instrument :
MSVOA_W
ClientSampleId :
EZEL1MS

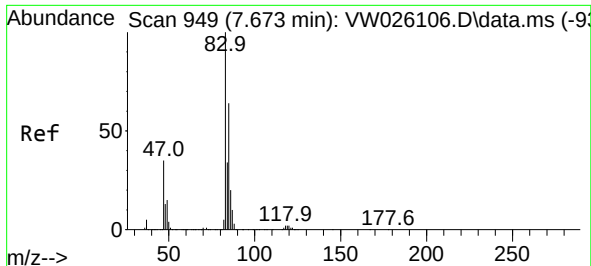
Tgt Ion: 43 Resp: 196252
Ion Ratio Lower Upper
43 100
72 23.7 12.4 37.4



#23
Bromochloromethane
Concen: 22.298 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

Tgt Ion: 128 Resp: 123812
Ion Ratio Lower Upper
128 100
49 209.5 140.6 261.0
130 131.2 86.0 159.6
51 63.3 53.6 80.4

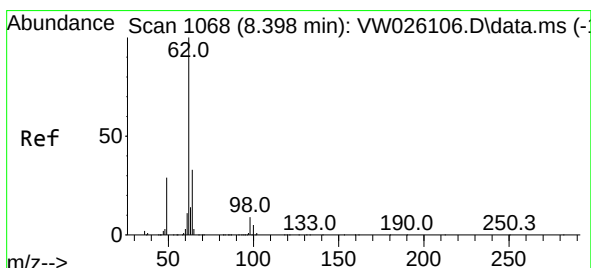
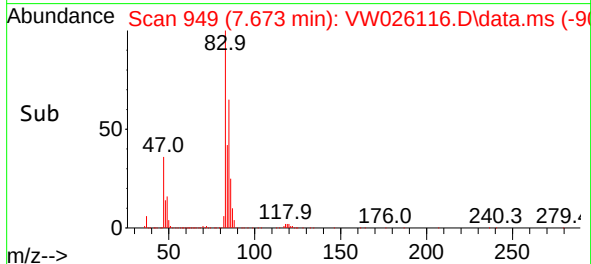
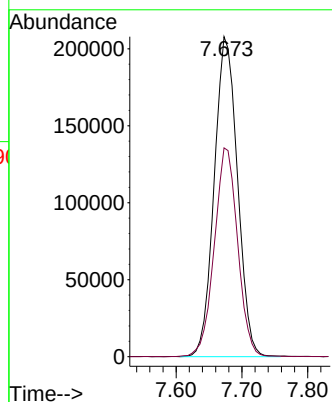
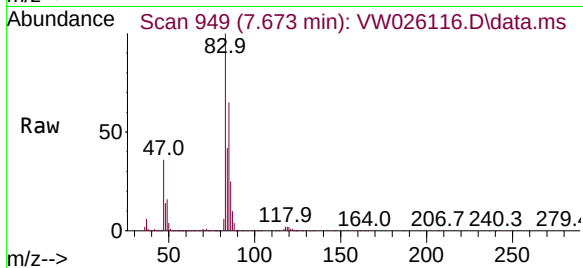




#25
Chloroform
Concen: 21.952 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

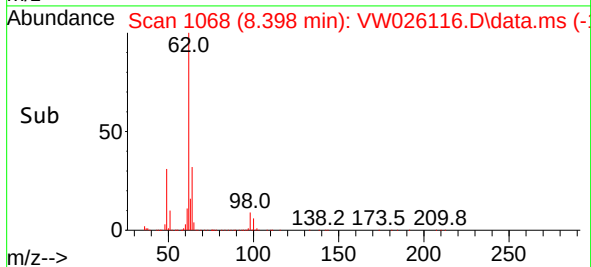
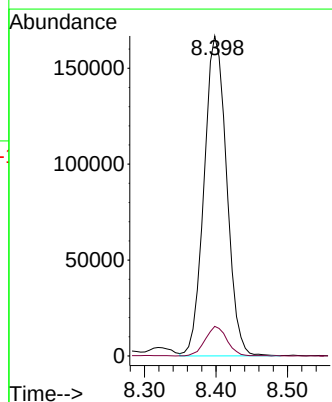
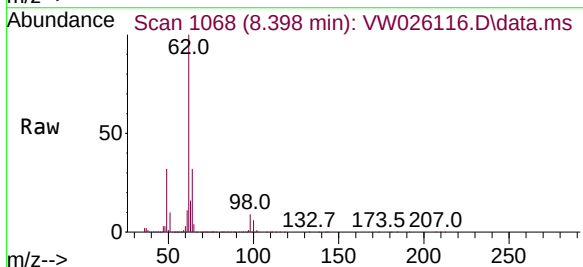
Instrument :
MSVOA_W
ClientSampleId :
EZEL1MS

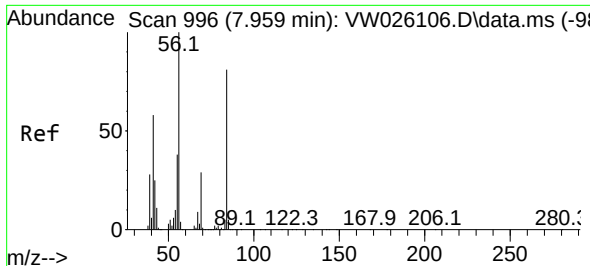
Tgt Ion: 83 Resp: 511619
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 22.708 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

Tgt Ion: 62 Resp: 365022
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.2

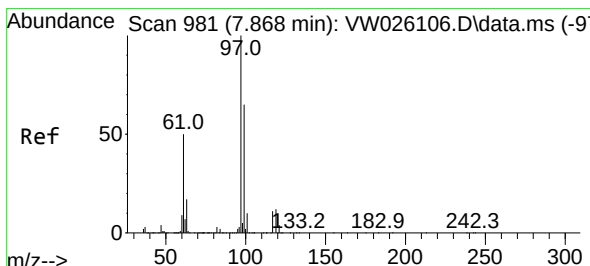
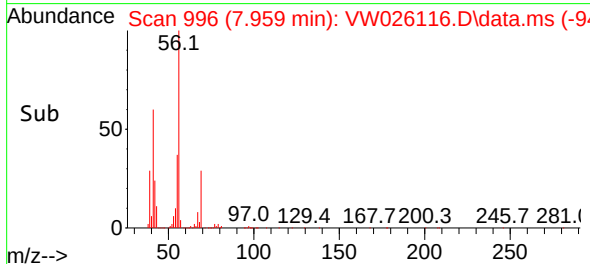
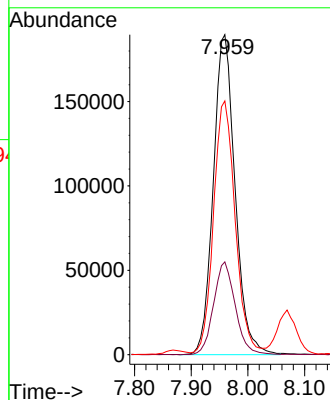
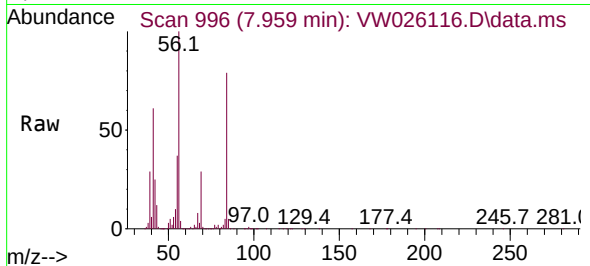




#29
Cyclohexane
Concen: 21.013 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

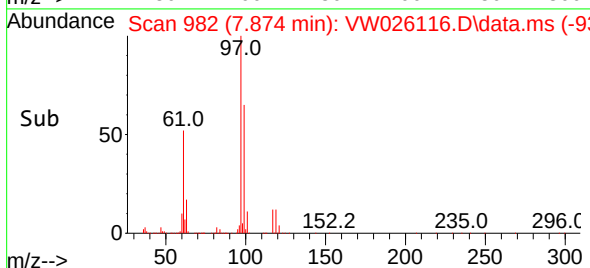
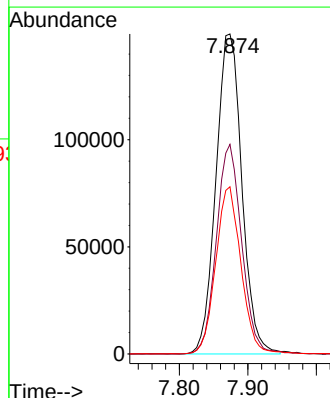
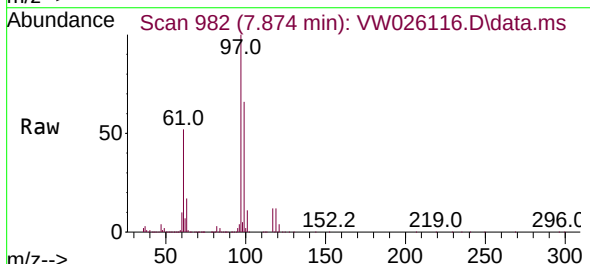
Instrument :
MSVOA_W
ClientSampleId :
EZEL1MS

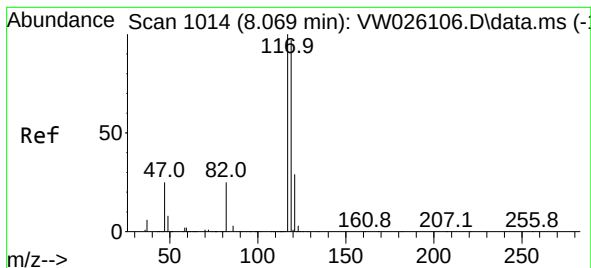
Tgt Ion: 56 Resp: 506506
Ion Ratio Lower Upper
56 100
69 28.5 23.3 34.9
84 79.1 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 20.763 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

Tgt Ion: 97 Resp: 393397
Ion Ratio Lower Upper
97 100
99 63.9 50.6 76.0
61 50.9 40.5 60.7





#31

Carbon tetrachloride

Concen: 20.699 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026116.D

Acq: 06 Jun 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

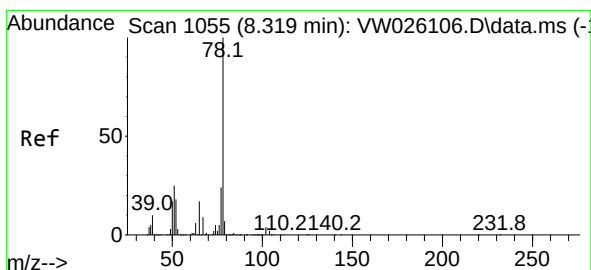
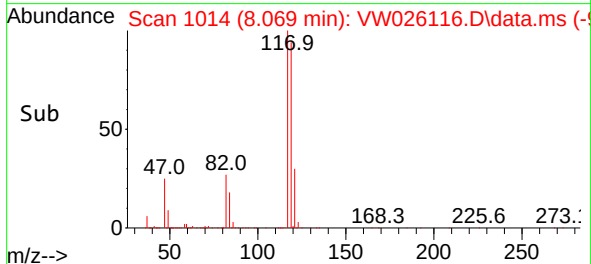
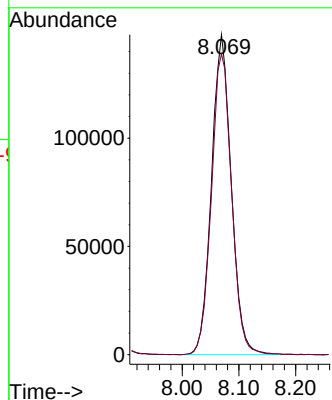
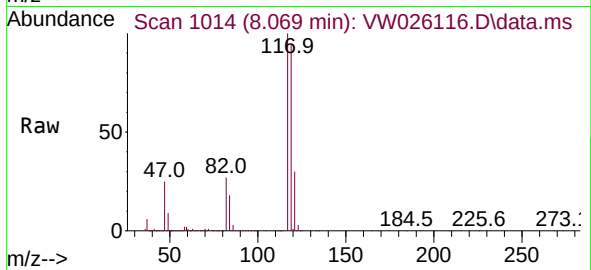
EZEL1MS

Tgt Ion:117 Resp: 357874

Ion Ratio Lower Upper

117 100

119 96.1 77.4 116.2



#33

Benzene

Concen: 21.434 ug/L

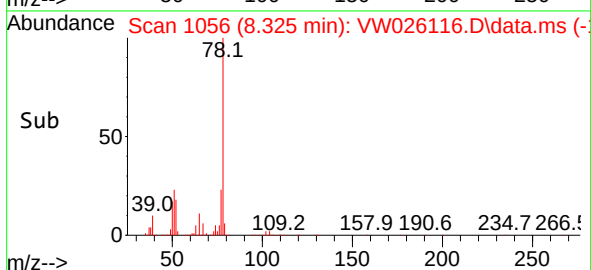
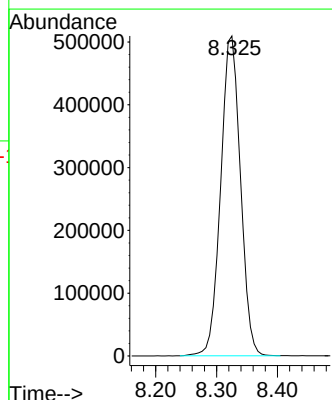
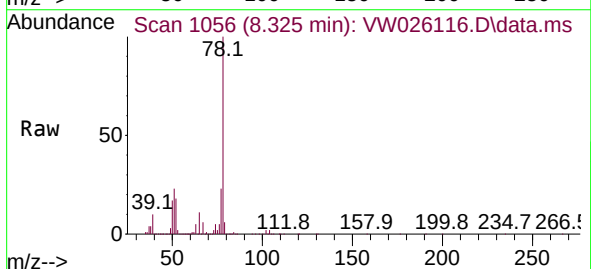
RT: 8.325 min Scan# 1056

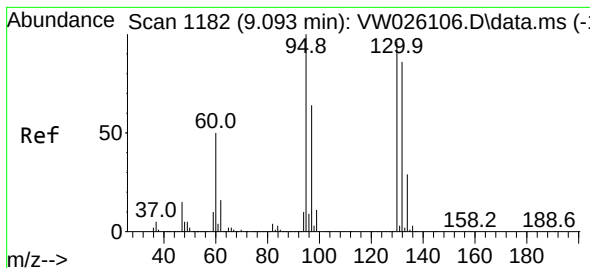
Delta R.T. 0.006 min

Lab File: VW026116.D

Acq: 06 Jun 2023 18:49

Tgt Ion: 78 Resp: 1146368





#34

Trichloroethene

Concen: 20.510 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026116.D

Acq: 06 Jun 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

EZEL1MS

Tgt Ion: 95 Resp: 280886

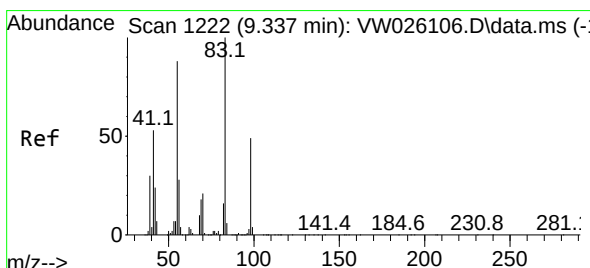
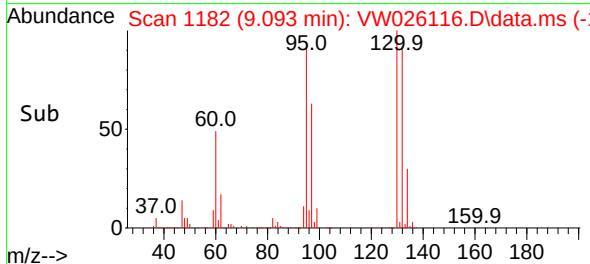
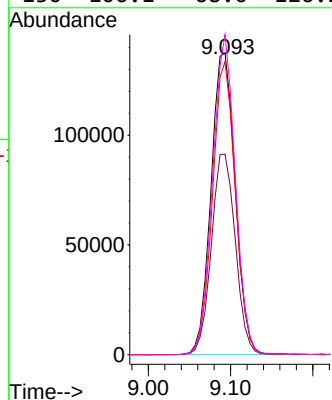
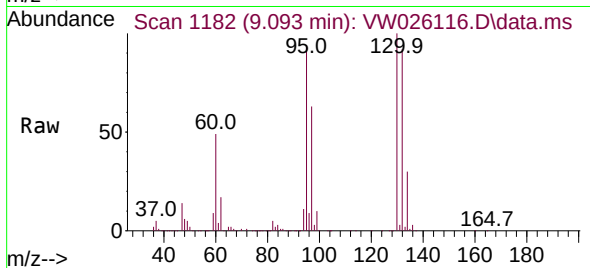
Ion Ratio Lower Upper

95 100

97 66.5 45.9 85.3

132 97.1 67.1 124.7

130 106.1 68.0 126.2



#35

Methylcyclohexane

Concen: 21.093 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026116.D

Acq: 06 Jun 2023 18:49

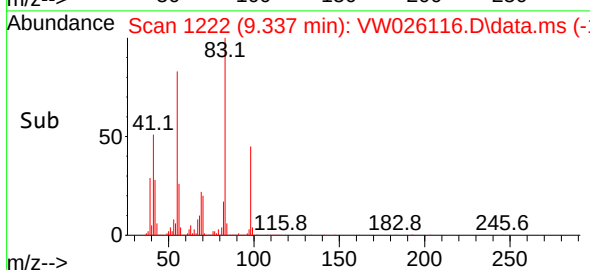
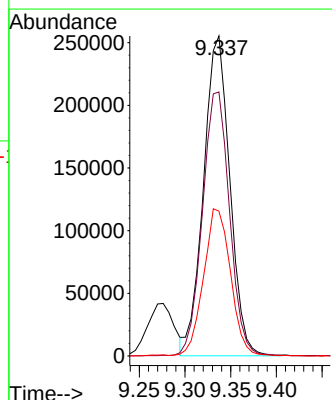
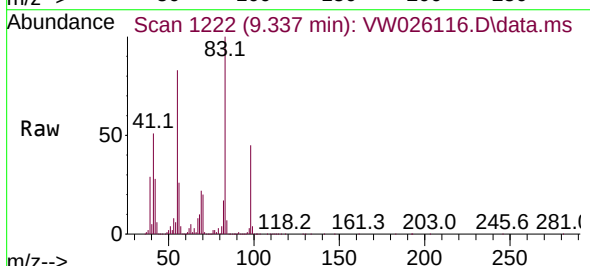
Tgt Ion: 83 Resp: 511152

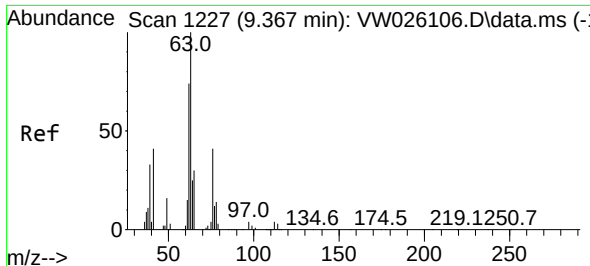
Ion Ratio Lower Upper

83 100

55 85.0 68.2 102.4

98 46.9 38.1 57.1





#37

1,2-Dichloropropane

Concen: 21.851 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026116.D

Acq: 06 Jun 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

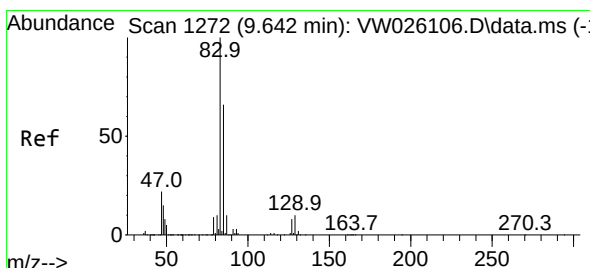
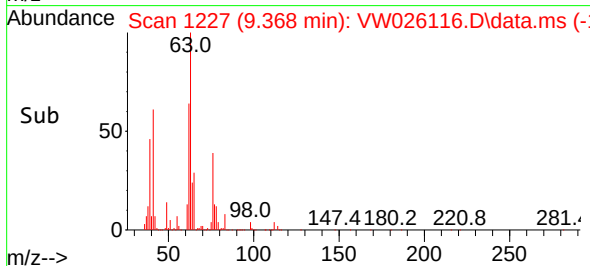
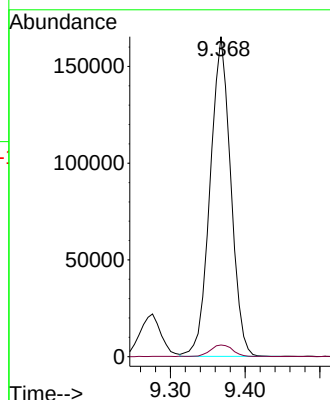
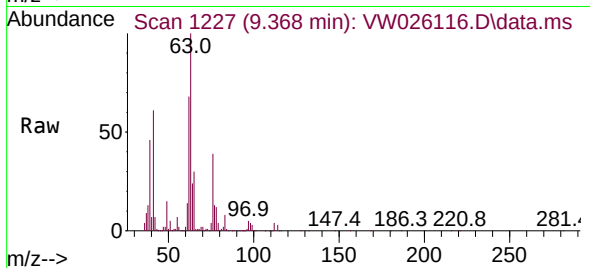
EZEL1MS

Tgt Ion: 63 Resp: 316546

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 21.661 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026116.D

Acq: 06 Jun 2023 18:49

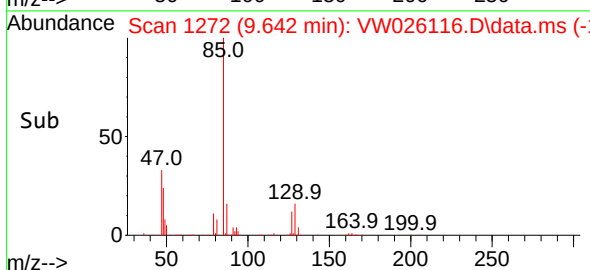
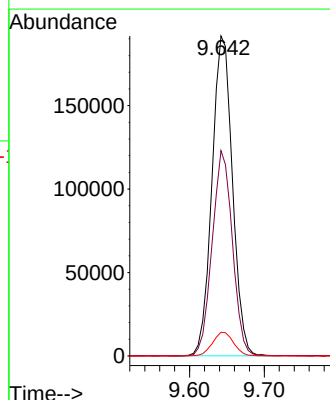
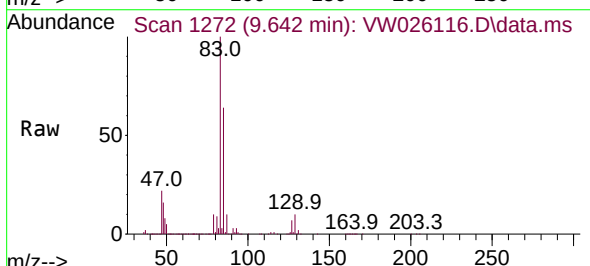
Tgt Ion: 83 Resp: 364560

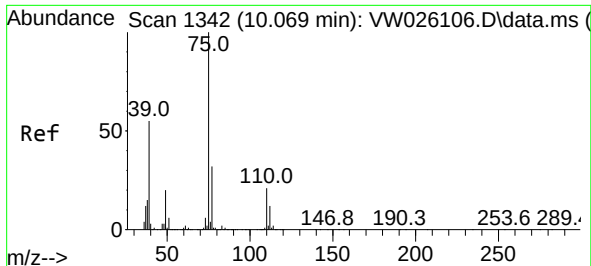
Ion Ratio Lower Upper

83 100

85 64.2 44.2 82.0

127 7.4 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 22.008 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW026116.D

Acq: 06 Jun 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

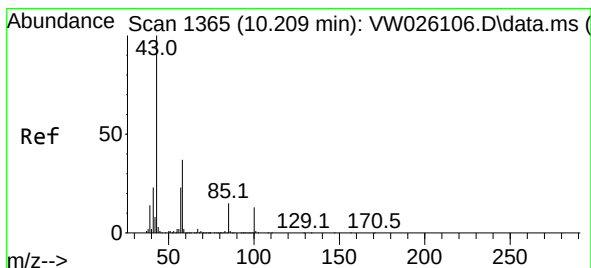
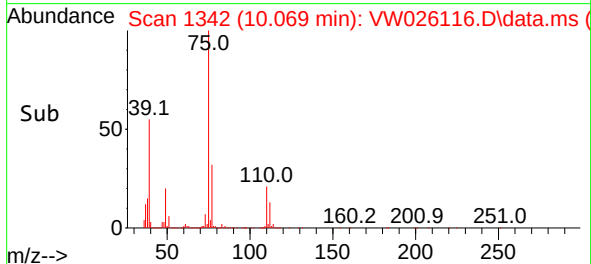
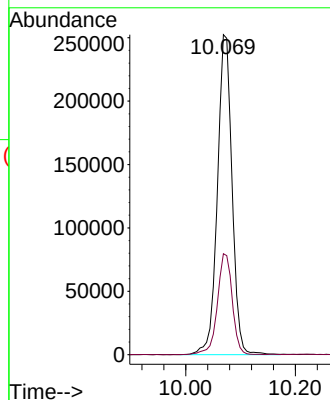
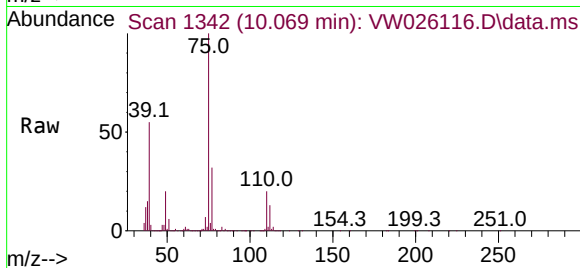
EZEL1MS

Tgt Ion: 75 Resp: 468523

Ion Ratio Lower Upper

75 100

77 31.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 50.244 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026116.D

Acq: 06 Jun 2023 18:49

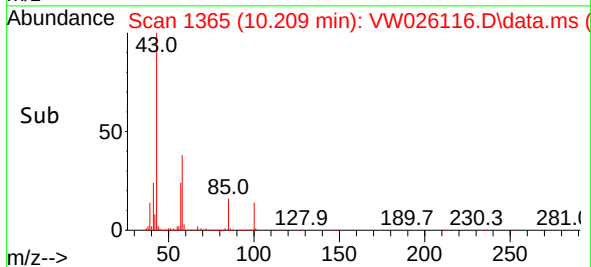
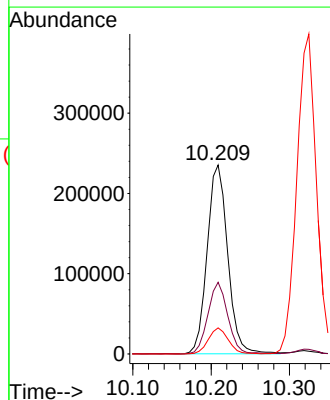
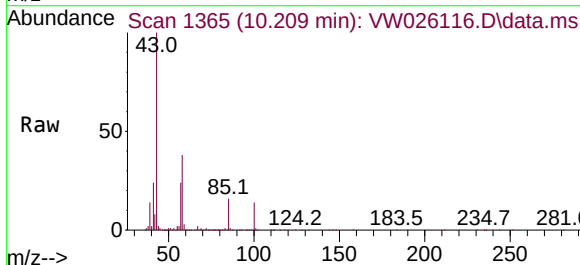
Tgt Ion: 43 Resp: 429115

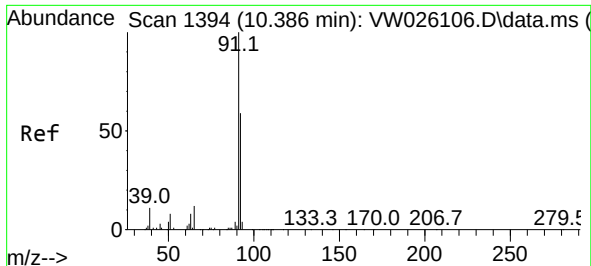
Ion Ratio Lower Upper

43 100

58 36.3 29.0 43.4

100 13.4 10.5 15.7

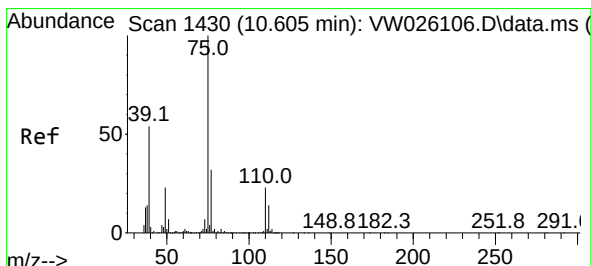
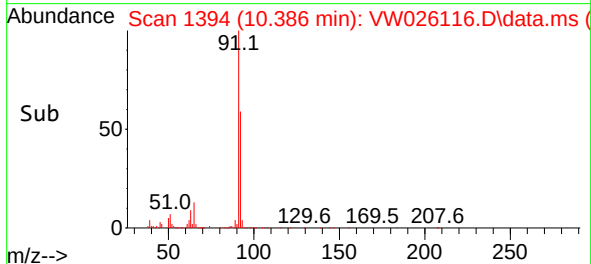
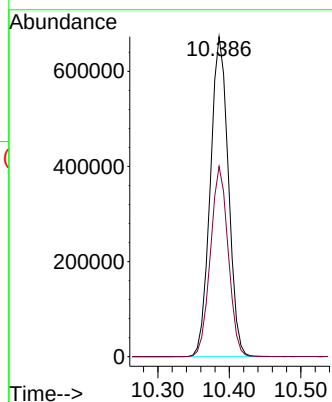
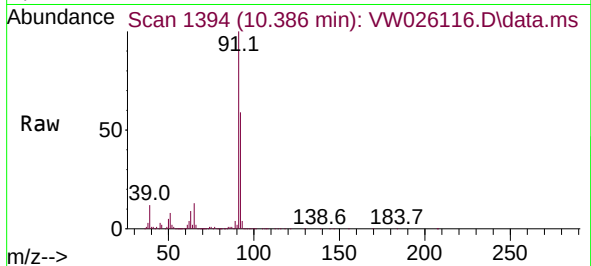




#42
Toluene
Concen: 21.524 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

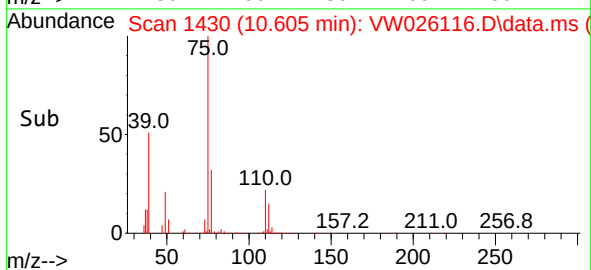
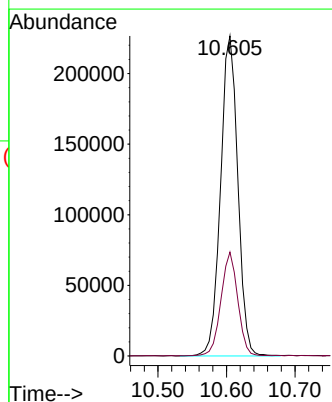
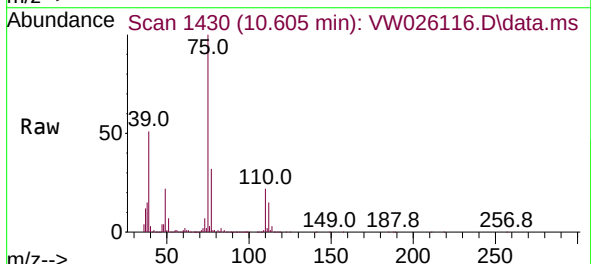
Instrument :
MSVOA_W
ClientSampleId :
EZEL1MS

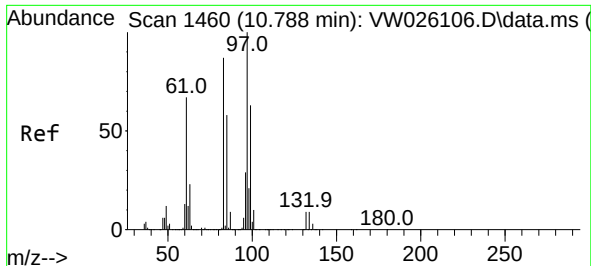
Tgt Ion: 91 Resp: 1177458
Ion Ratio Lower Upper
91 100
92 59.5 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 22.303 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

Tgt Ion: 75 Resp: 395554
Ion Ratio Lower Upper
75 100
77 32.5 21.1 39.3

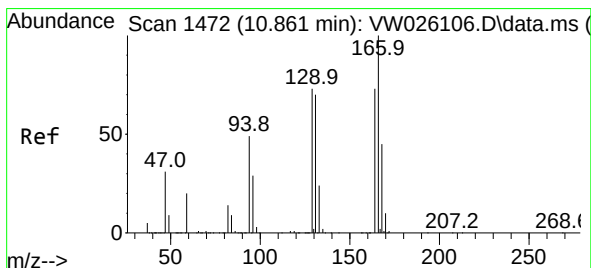
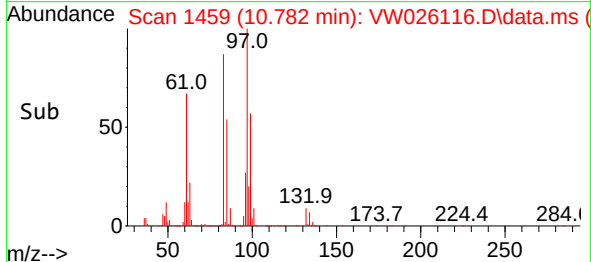
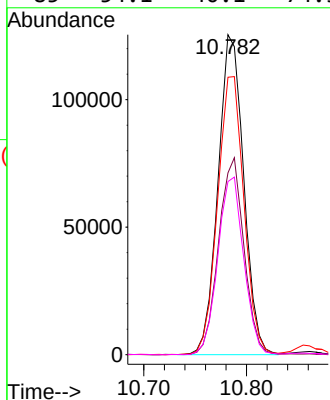
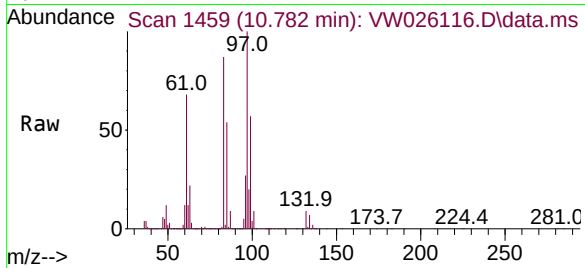




#45
1,1,2-Trichloroethane
Concen: 22.777 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

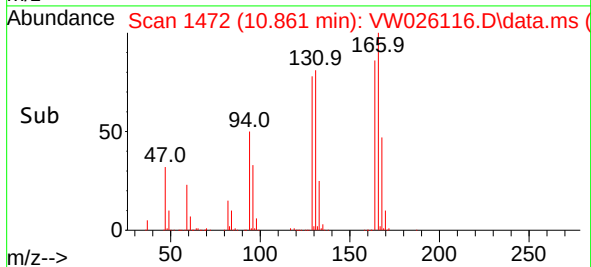
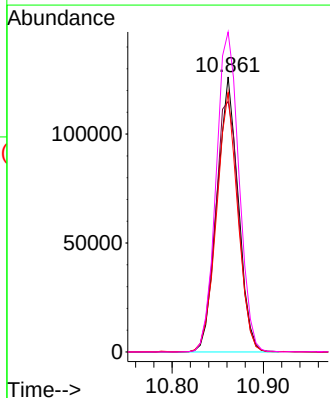
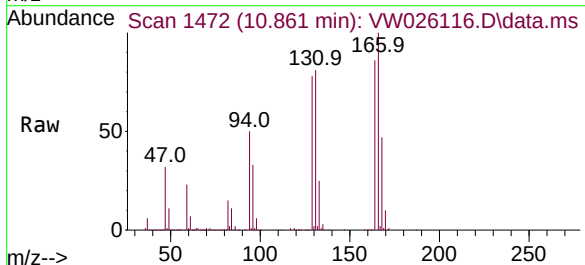
Instrument :
MSVOA_W
ClientSampleId :
EZEL1MS

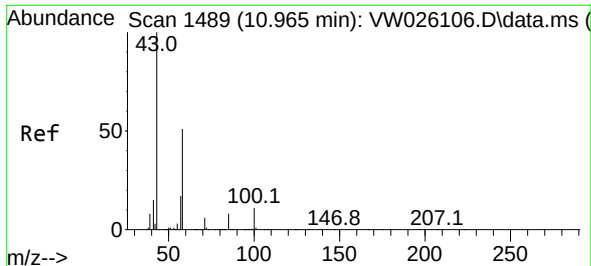
Tgt Ion: 97 Resp: 217459
Ion Ratio Lower Upper
97 100
99 56.8 43.3 80.5
83 86.7 62.9 116.9
85 54.1 40.1 74.5



#46
Tetrachloroethene
Concen: 21.128 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

Tgt Ion:164 Resp: 204665
Ion Ratio Lower Upper
164 100
129 91.1 68.5 127.1
131 94.4 67.1 124.7
166 116.3 94.1 174.8



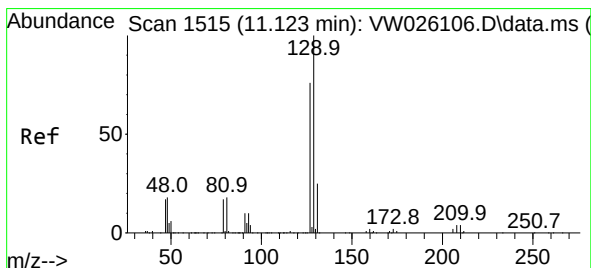
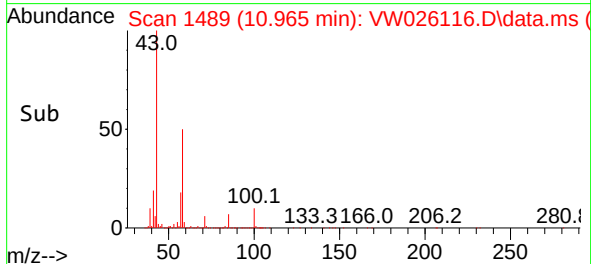
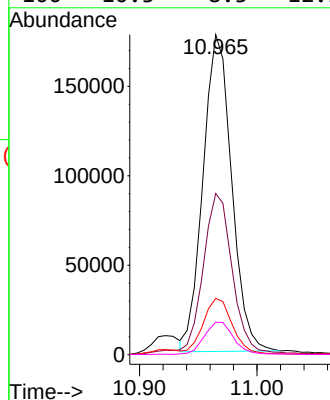
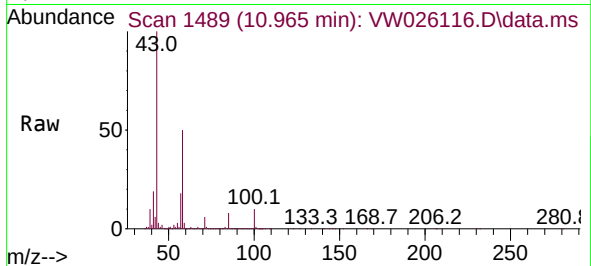


#48
2-Hexanone
Concen: 49.727 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

Instrument :
MSVOA_W
ClientSampleId :
EZEL1MS

Tgt Ion: 43 Resp: 299455

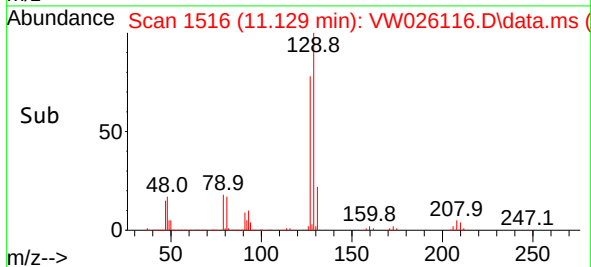
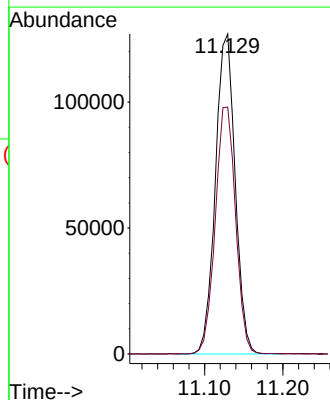
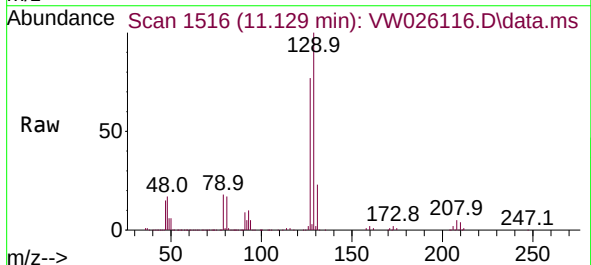
Ion	Ratio	Lower	Upper
43	100		
58	51.9	42.2	63.2
57	18.6	14.2	21.2
100	10.3	8.3	12.5

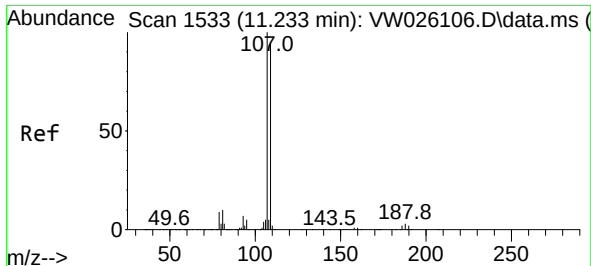


#49
Dibromochloromethane
Concen: 22.272 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

Tgt Ion: 129 Resp: 222941

Ion	Ratio	Lower	Upper
129	100		
127	77.2	56.9	105.7





#50

1,2-Dibromoethane

Concen: 22.417 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026116.D

Acq: 06 Jun 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

EZEL1MS

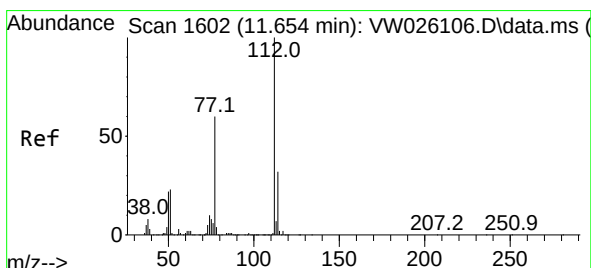
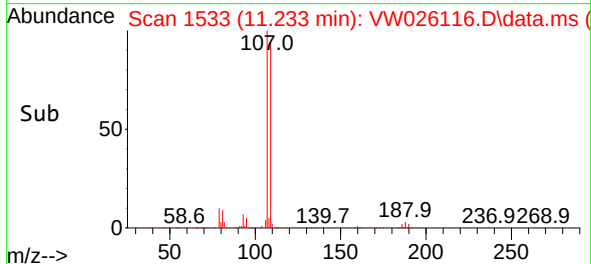
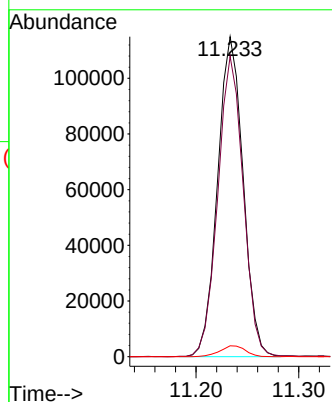
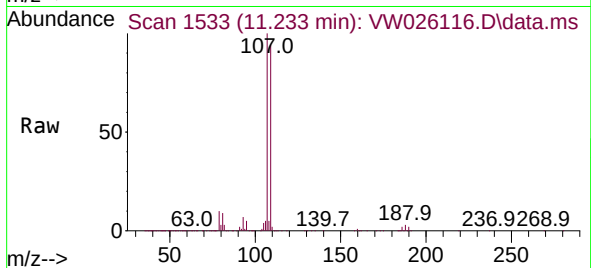
Tgt Ion:107 Resp: 198169

Ion Ratio Lower Upper

107 100

109 93.9 64.0 119.0

188 3.4 2.6 3.8



#51

Chlorobenzene

Concen: 21.281 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026116.D

Acq: 06 Jun 2023 18:49

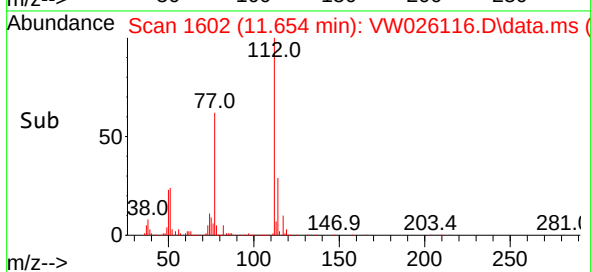
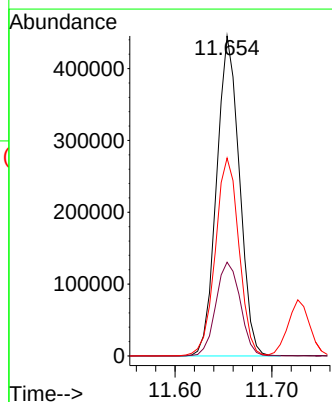
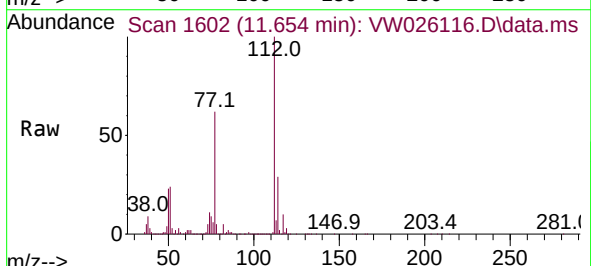
Tgt Ion:112 Resp: 729517

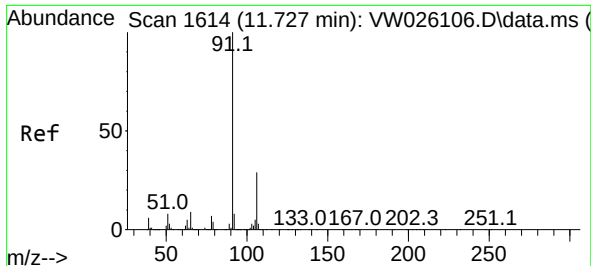
Ion Ratio Lower Upper

112 100

114 29.3 23.0 42.6

77 61.9 50.9 76.3





#52

Ethylbenzene

Concen: 21.640 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026116.D

Acq: 06 Jun 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

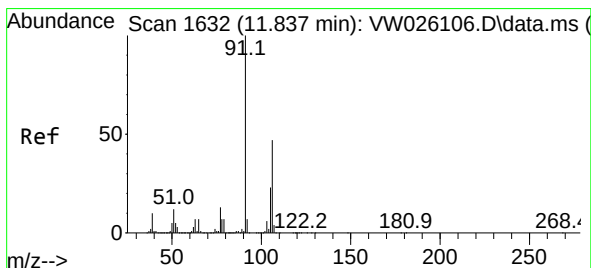
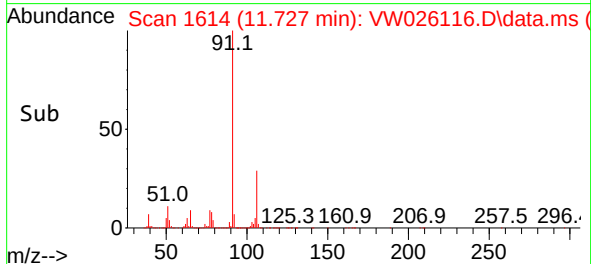
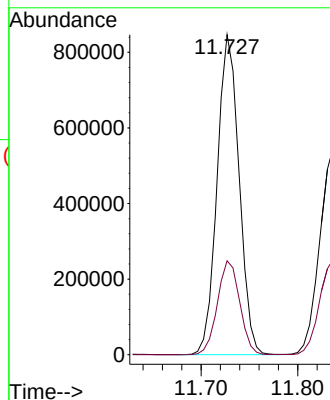
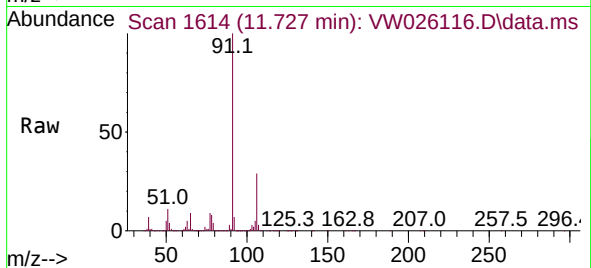
EZEL1MS

Tgt Ion: 91 Resp: 1335404

Ion Ratio Lower Upper

91 100

106 29.4 21.2 39.4



#53

m,p-Xylene

Concen: 21.109 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW026116.D

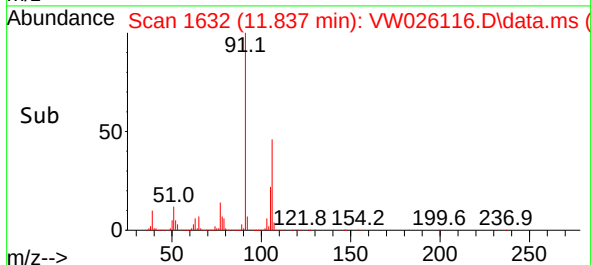
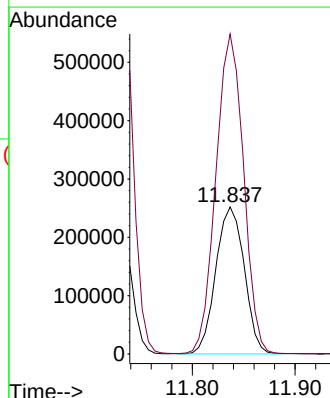
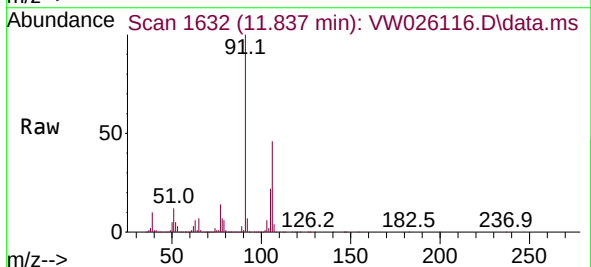
Acq: 06 Jun 2023 18:49

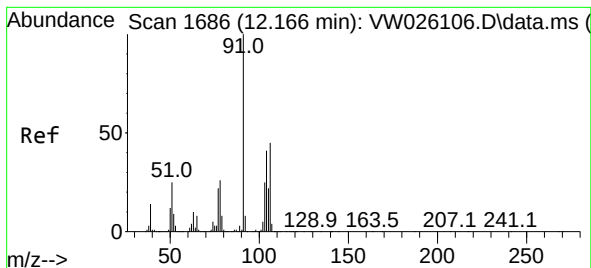
Tgt Ion:106 Resp: 484604

Ion Ratio Lower Upper

106 100

91 217.6 149.5 277.7

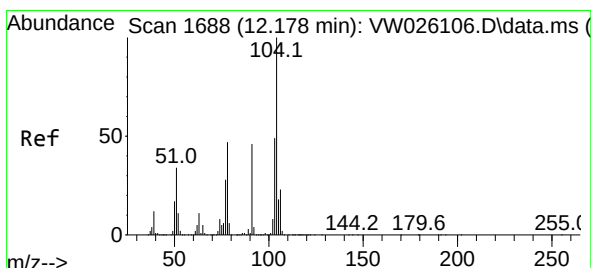
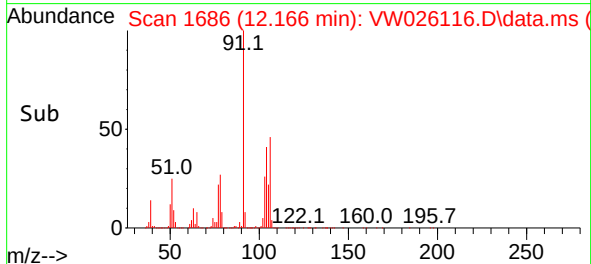
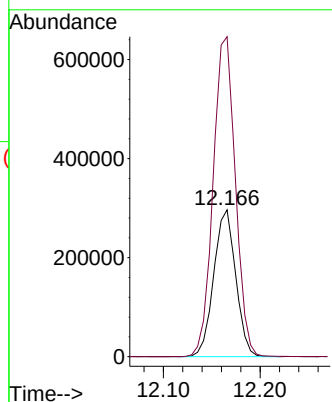
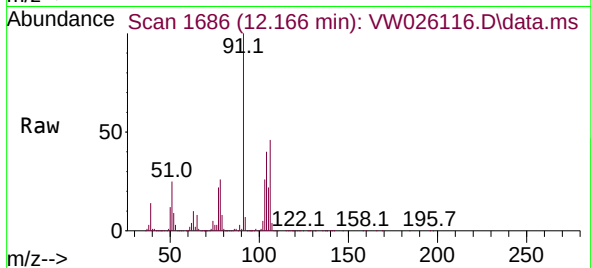




#54
o-Xylene
Concen: 21.572 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

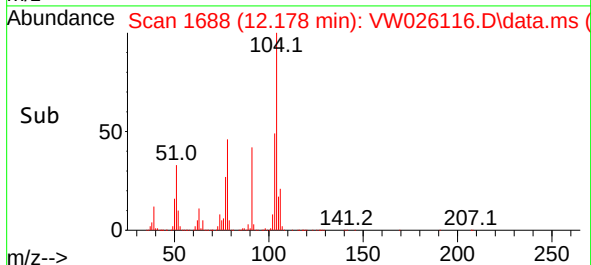
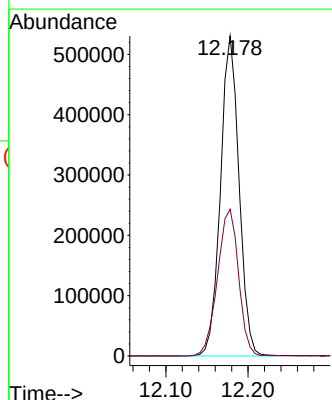
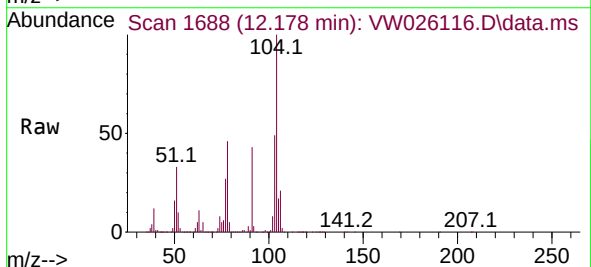
Instrument :
MSVOA_W
ClientSampleId :
EZEL1MS

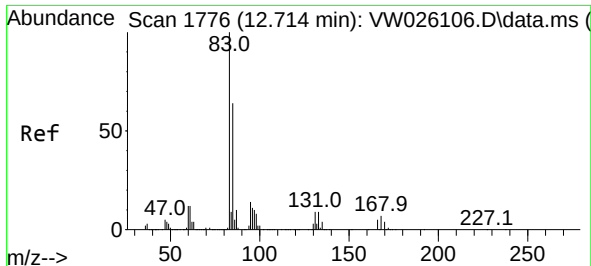
Tgt Ion:106 Resp: 467416
Ion Ratio Lower Upper
106 100
91 217.9 150.9 280.3



#55
Styrene
Concen: 22.418 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

Tgt Ion:104 Resp: 833335
Ion Ratio Lower Upper
104 100
78 45.9 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 23.635 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW026116.D

Acq: 06 Jun 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

EZEL1MS

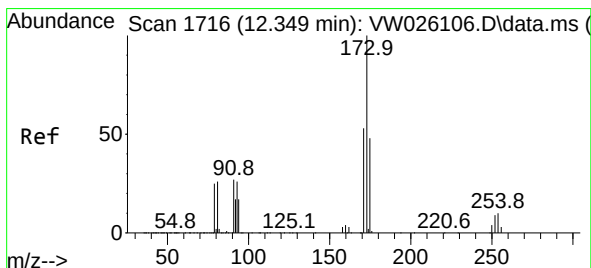
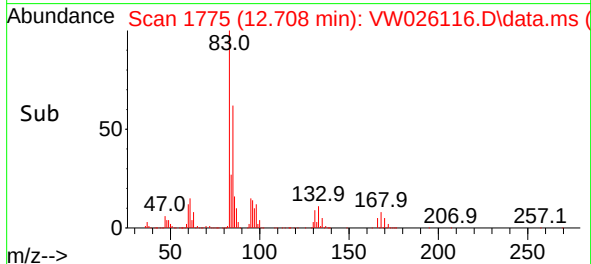
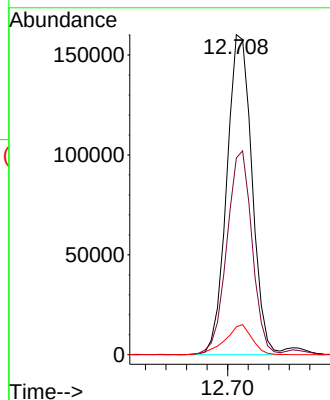
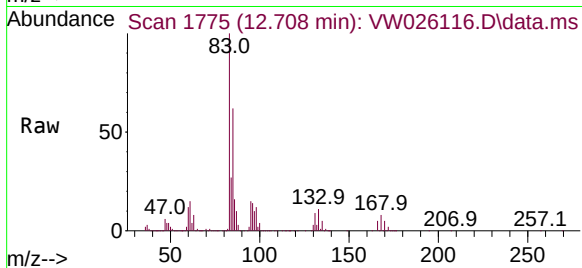
Tgt Ion: 83 Resp: 273091

Ion Ratio Lower Upper

83 100

85 61.5 42.6 79.0

131 8.7 7.2 10.8



#59

Bromoform

Concen: 21.356 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW026116.D

Acq: 06 Jun 2023 18:49

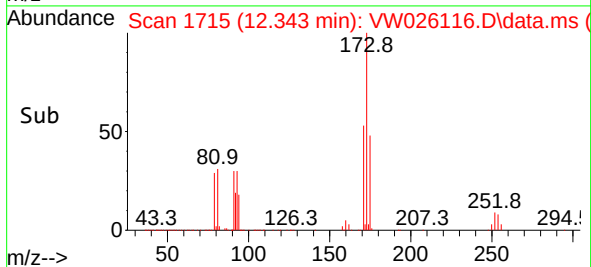
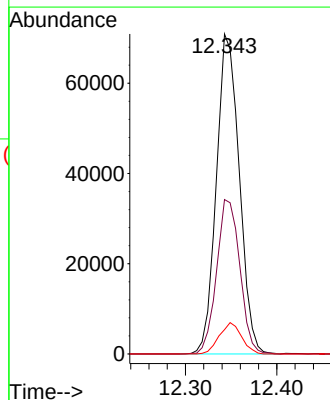
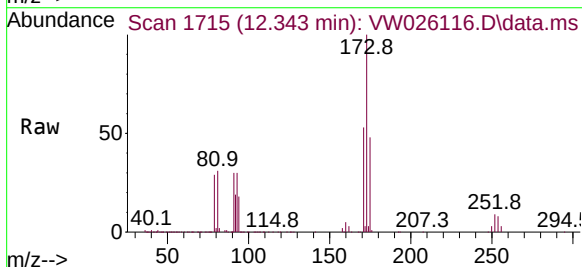
Tgt Ion: 173 Resp: 123515

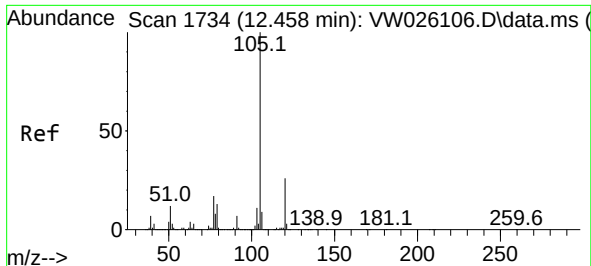
Ion Ratio Lower Upper

173 100

175 48.8 38.6 57.8

254 9.5 7.4 11.0

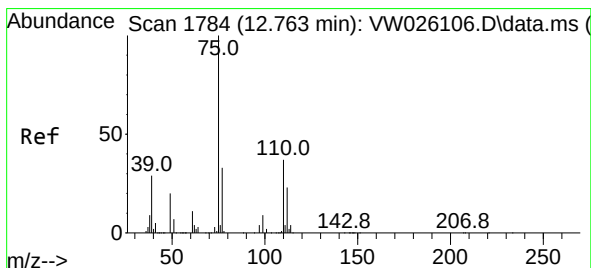
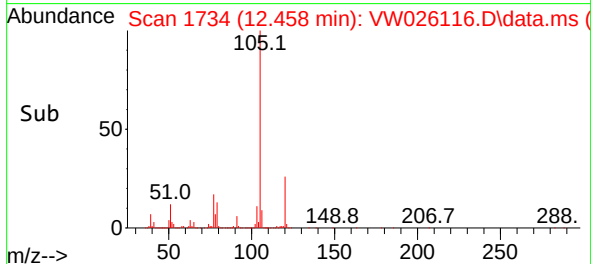
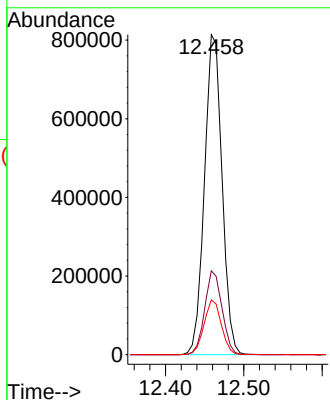
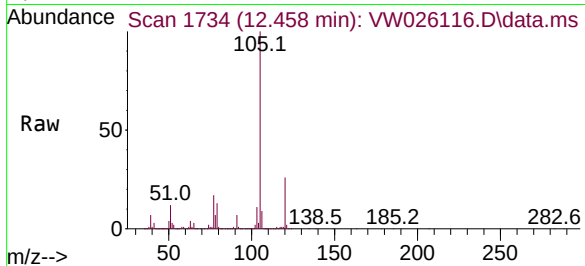




#60
Isopropylbenzene
Concen: 20.945 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

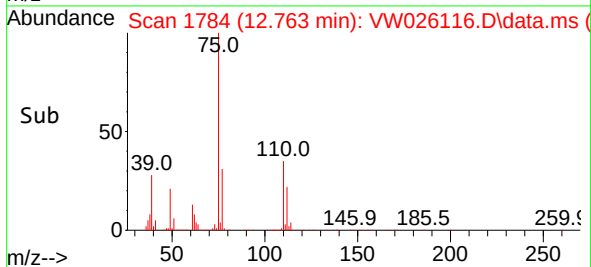
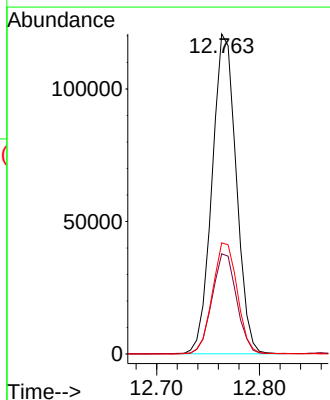
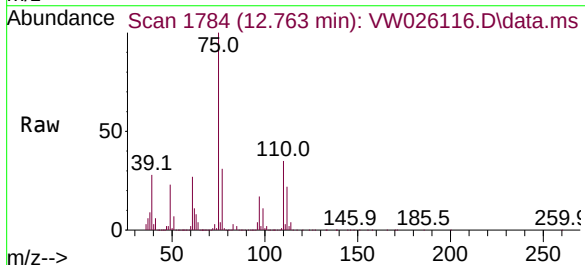
Instrument :
MSVOA_W
ClientSampleId :
EZEL1MS

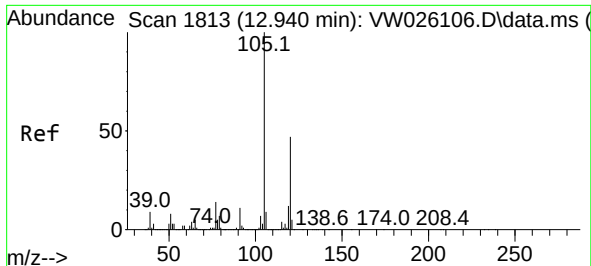
Tgt Ion:105 Resp: 1267026
Ion Ratio Lower Upper
105 100
120 25.8 19.8 29.8
77 16.8 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 22.839 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

Tgt Ion: 75 Resp: 197003
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8
110 35.8 28.7 43.1





#62

1,3,5-Trimethylbenzene

Concen: 21.475 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026116.D

Acq: 06 Jun 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

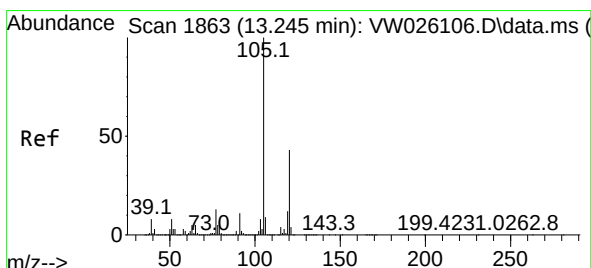
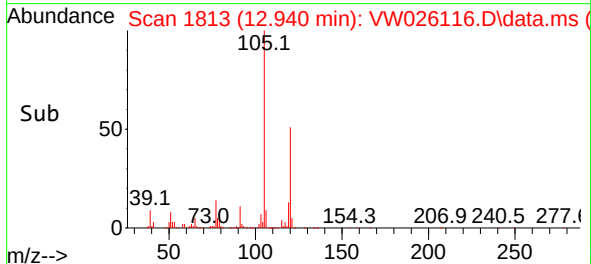
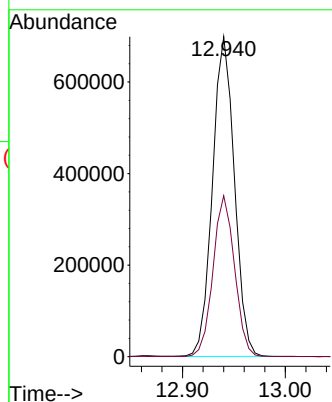
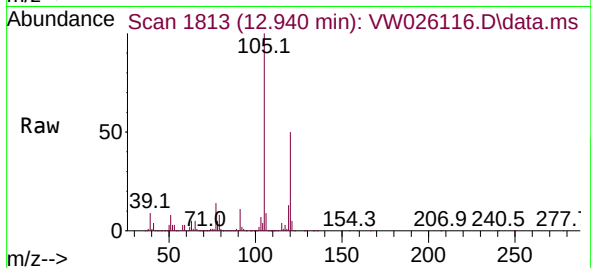
EZEL1MS

Tgt Ion:105 Resp: 1032714

Ion Ratio Lower Upper

105 100

120 49.4 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 21.161 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026116.D

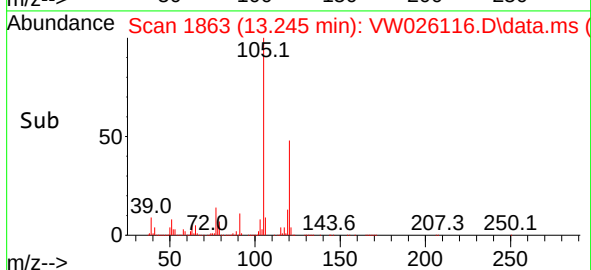
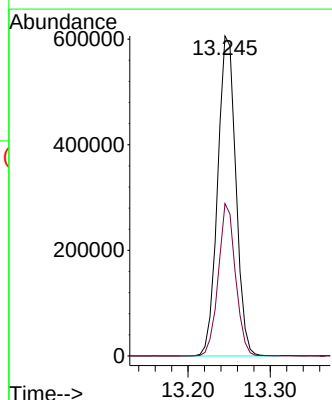
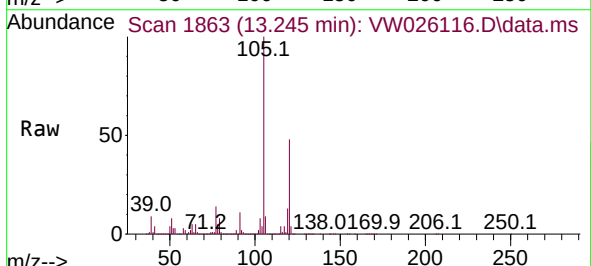
Acq: 06 Jun 2023 18:49

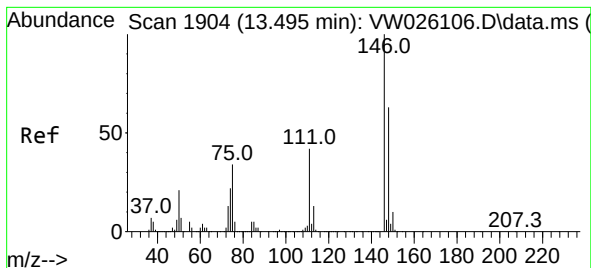
Tgt Ion:105 Resp: 932026

Ion Ratio Lower Upper

105 100

120 45.0 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 21.060 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026116.D

Acq: 06 Jun 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

EZEL1MS

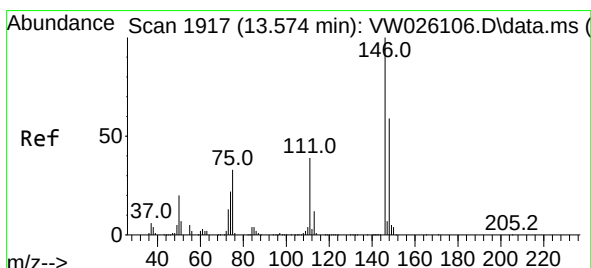
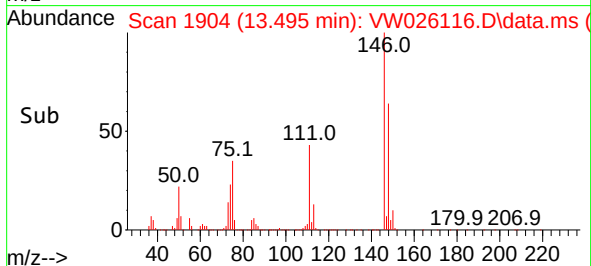
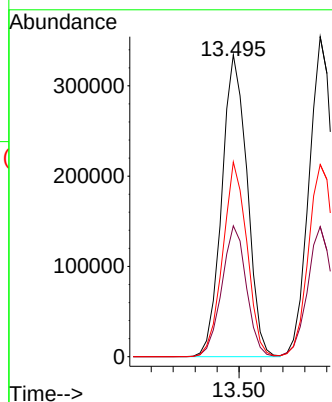
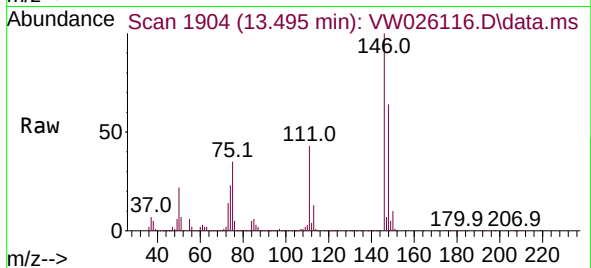
Tgt Ion:146 Resp: 535656

Ion Ratio Lower Upper

146 100

111 43.4 29.7 55.1

148 64.5 45.4 84.4



#65

1,4-Dichlorobenzene

Concen: 21.463 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026116.D

Acq: 06 Jun 2023 18:49

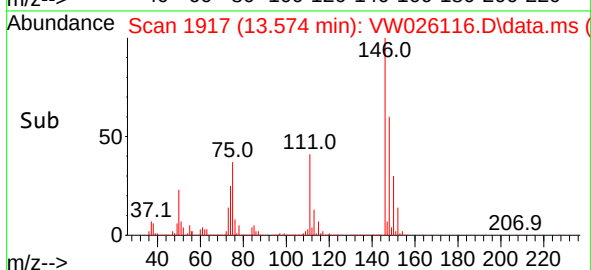
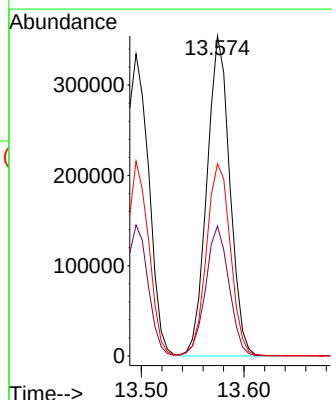
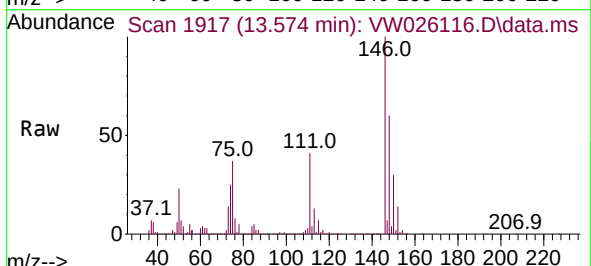
Tgt Ion:146 Resp: 549625

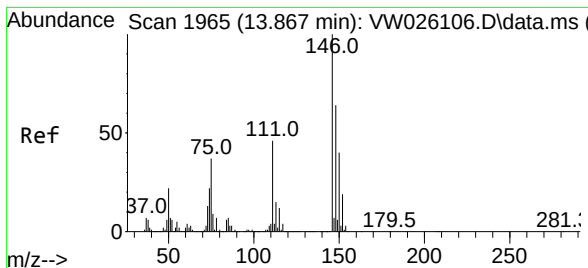
Ion Ratio Lower Upper

146 100

111 40.7 29.2 54.2

148 60.0 42.8 79.6

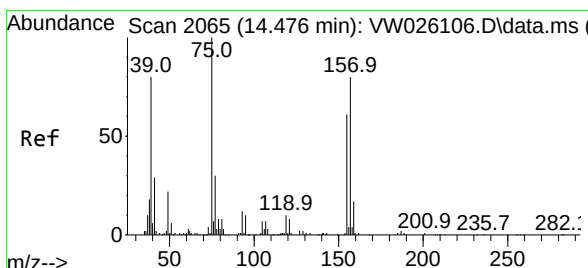
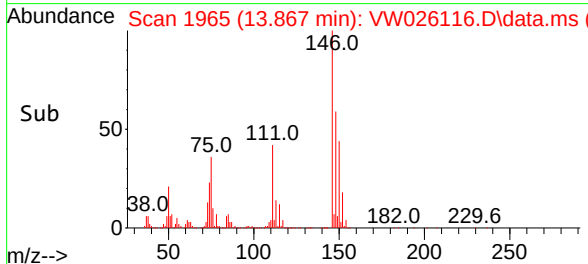
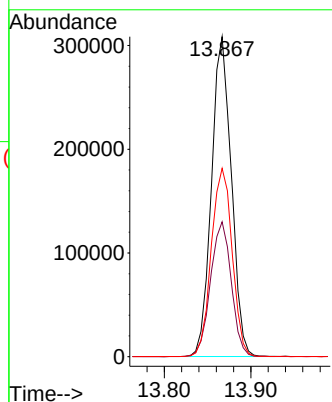
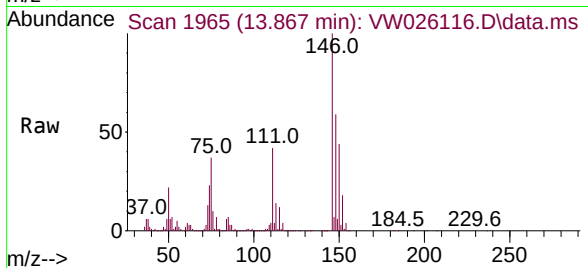




#67
1,2-Dichlorobenzene
Concen: 21.501 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

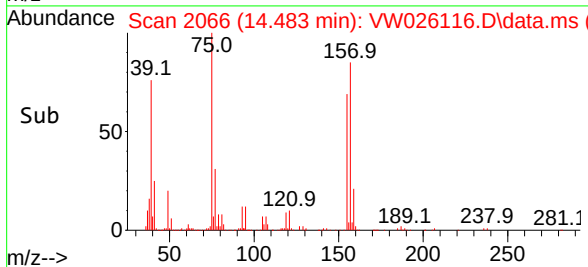
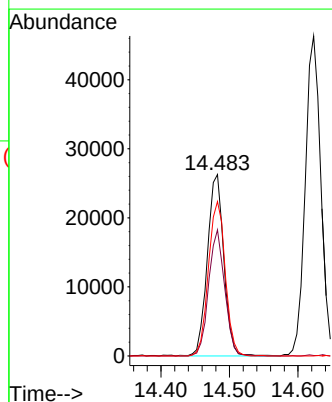
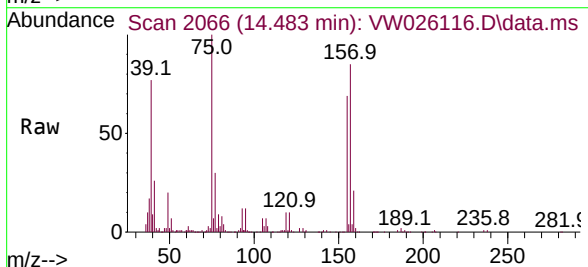
Instrument :
MSVOA_W
ClientSampleId :
EZEL1MS

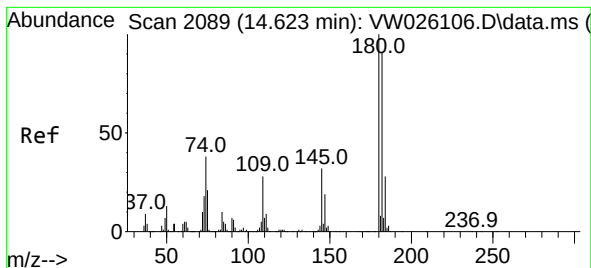
Tgt Ion:146 Resp: 491085
Ion Ratio Lower Upper
146 100
111 42.1 35.4 53.0
148 58.9 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 22.010 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW026116.D
Acq: 06 Jun 2023 18:49

Tgt Ion: 75 Resp: 43986
Ion Ratio Lower Upper
75 100
155 69.4 59.0 88.6
157 85.0 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 19.140 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026116.D

Acq: 06 Jun 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

EZEL1MS

Tgt Ion:180 Resp: 334418

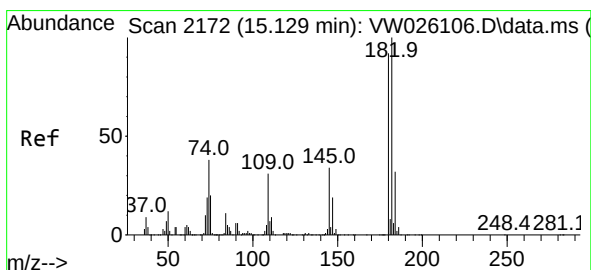
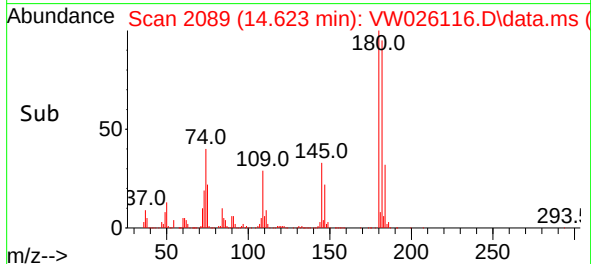
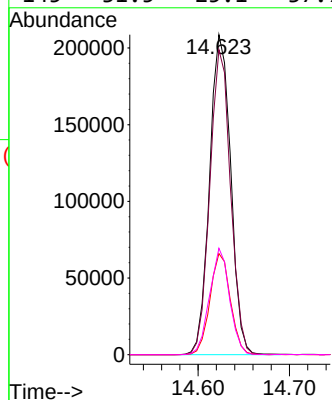
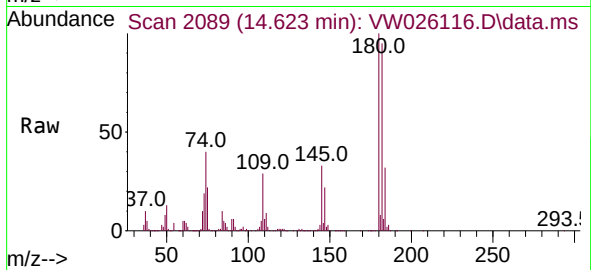
Ion Ratio Lower Upper

180 100

182 93.6 77.0 115.4

184 30.6 23.7 35.5

145 31.5 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 20.019 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026116.D

Acq: 06 Jun 2023 18:49

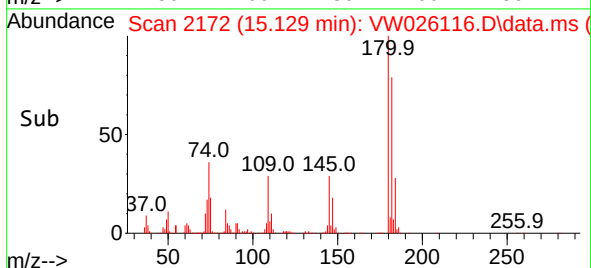
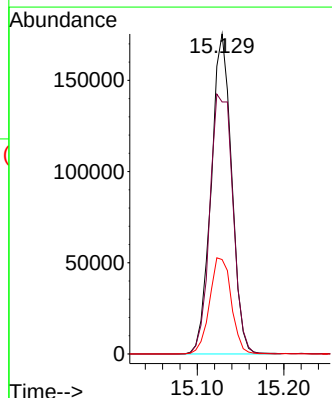
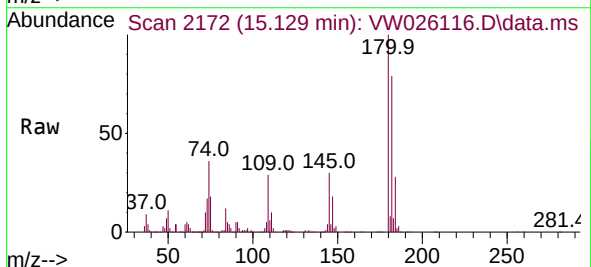
Tgt Ion:180 Resp: 288608

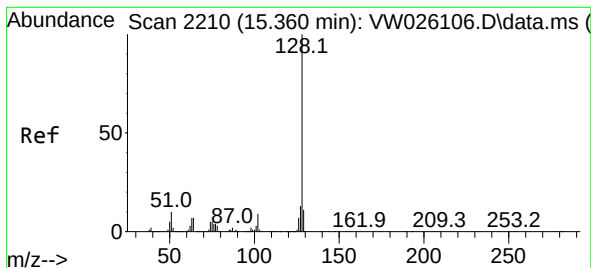
Ion Ratio Lower Upper

180 100

182 91.3 78.9 118.3

145 31.9 27.2 40.8





#71

Naphthalene

Concen: 22.770 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026116.D

Acq: 06 Jun 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

EZEL1MS

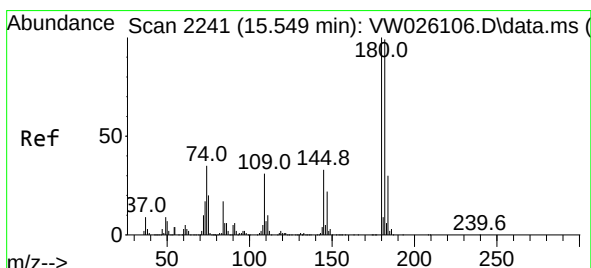
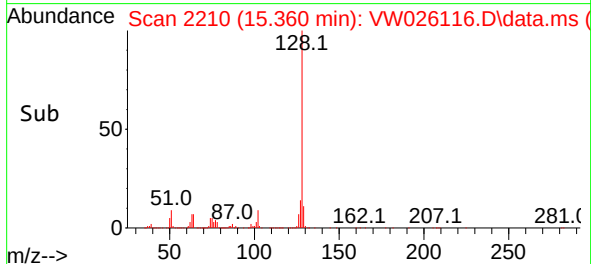
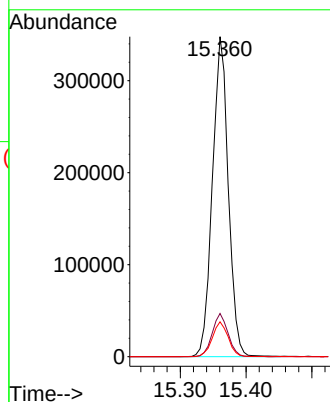
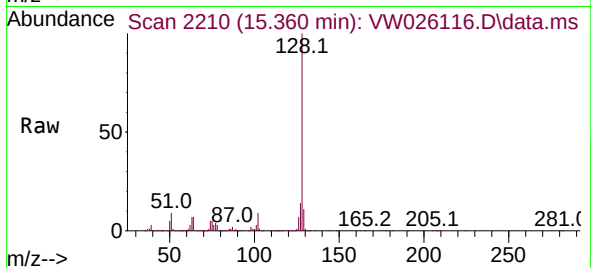
Tgt Ion:128 Resp: 585091

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 20.444 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW026116.D

Acq: 06 Jun 2023 18:49

Tgt Ion:180 Resp: 257592

Ion Ratio Lower Upper

180 100

182 94.5 76.3 114.5

145 35.0 27.0 40.6

