

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060623\
 Data File : VW026117.D
 Acq On : 06 Jun 2023 19:13
 Operator : SY/MD
 Sample : 03062-05MSD
 Misc : 5.24g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZEL1MSD

Quant Time: Jun 07 01:09:59 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	898136	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	790466	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	385901	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	301741	23.882	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.520%
7) Chloroethane-d5	2.893	69	252012	26.645	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.560%
11) 1,1-Dichloroethene-d2	4.021	65	147450	23.667	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.680%
21) 2-Butanone-d5	7.075	46	205928	55.982	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.960%
24) Chloroform-d	7.648	84	634002	24.106	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.440%
26) 1,2-Dichloroethane-d4	8.307	65	353773	24.599	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	8.270	84	1293745	24.323	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.280%
36) 1,2-Dichloropropane-d6	9.270	67	415576	24.662	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.640%
41) Toluene-d8	10.325	98	1144958	24.273	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.080%
43) trans-1,3-Dichloroprop...	10.575	79	159805	23.932	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.720%
47) 2-Hexanone-d5	10.922	63	152541	57.410	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	325744	26.565	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	355025	24.036	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	203611	18.493	ug/L	92
3) Chloromethane	2.222	50	308719	21.868	ug/L	99
5) Vinyl chloride	2.375	62	313485	20.774	ug/L	99
6) Bromomethane	2.783	94	176390	21.442	ug/L	97
8) Chloroethane	2.930	64	188185	23.077	ug/L	95
9) Trichlorofluoromethane	3.265	101	213295	21.971	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	252001	20.572	ug/L	97
12) 1,1-Dichloroethene	4.045	96	238470	20.854	ug/L	94
13) Acetone	4.118	43	127837	44.914	ug/L	99
14) Carbon disulfide	4.393	76	794636	19.685	ug/L	99
15) Methyl Acetate	4.667	43	147684	23.119	ug/L	99
16) Methylene chloride	4.917	84	273057	19.048	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	258336	20.135	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	414463	20.497	ug/L	99
19) 1,1-Dichloroethane	6.216	63	534568	20.466	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	283447	20.857	ug/L	98
22) 2-Butanone	7.167	43	192773	47.479	ug/L	99
23) Bromochloromethane	7.520	128	120226	20.744	ug/L	94
25) Chloroform	7.673	83	501385	20.609	ug/L	98

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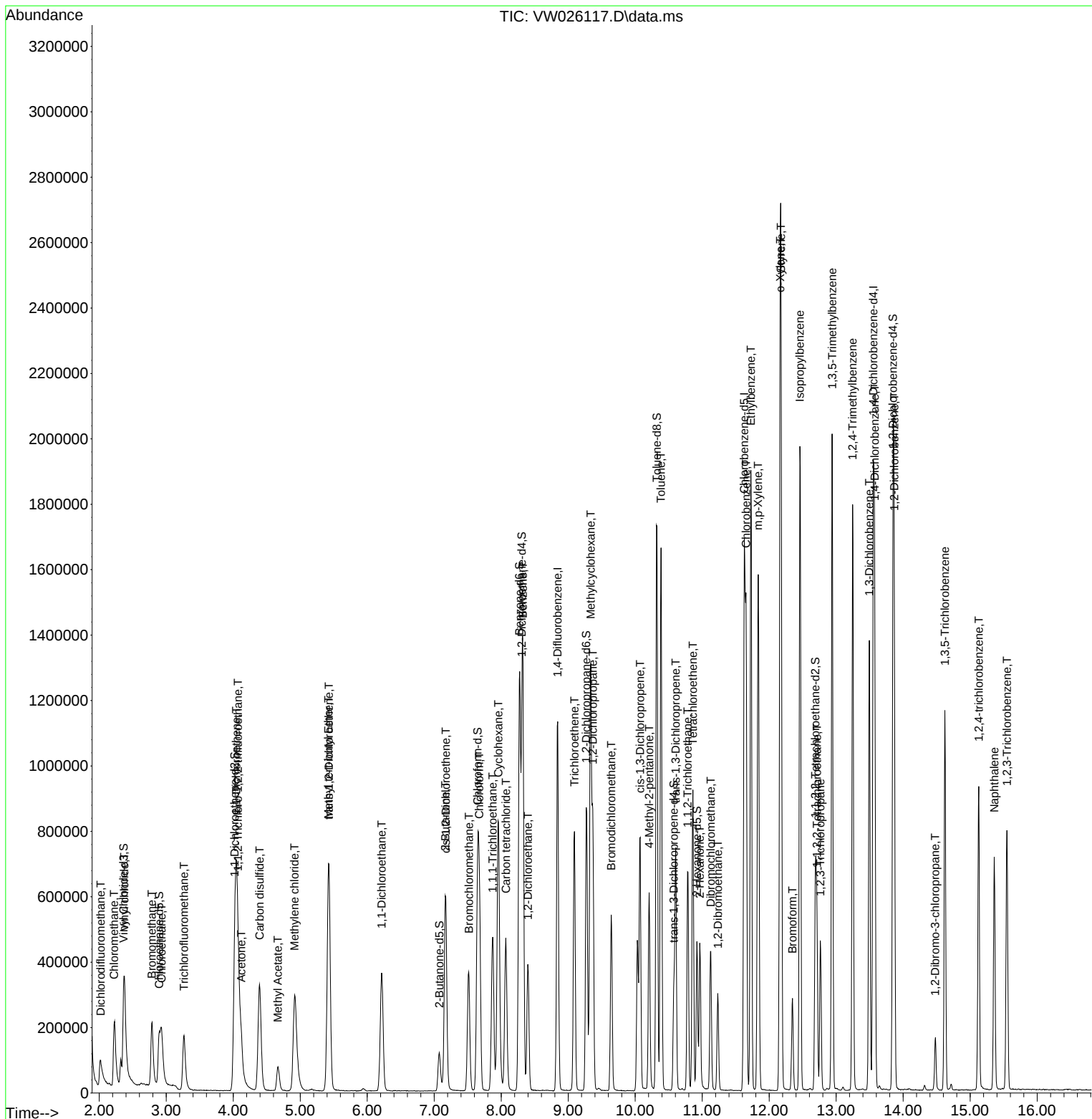
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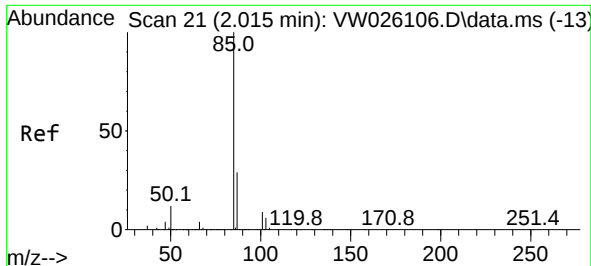
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	351985	20.978	ug/L	99
29) Cyclohexane	7.959	56	494742	20.273	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	387713	20.212	ug/L	100
31) Carbon tetrachloride	8.069	117	345844	19.757	ug/L	100
33) Benzene	8.325	78	1129090	20.851	ug/L	100
34) Trichloroethene	9.093	95	284701	20.533	ug/L	96
35) Methylcyclohexane	9.337	83	498573	20.321	ug/L	99
37) 1,2-Dichloropropane	9.368	63	308718	21.049	ug/L	99
38) Bromodichloromethane	9.642	83	355480	20.862	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	452797	21.008	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	417794	48.317	ug/L	99
42) Toluene	10.386	91	1162863	20.996	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	385761	21.484	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	205661	21.276	ug/L	99
46) Tetrachloroethene	10.861	164	193415	19.721	ug/L	97
48) 2-Hexanone	10.965	43	292631	47.996	ug/L	98
49) Dibromochloromethane	11.129	129	223626	22.066	ug/L	90
50) 1,2-Dibromoethane	11.233	107	193187	21.585	ug/L	97
51) Chlorobenzene	11.654	112	703322	20.265	ug/L	99
52) Ethylbenzene	11.727	91	1301088	20.825	ug/L	98
53) m,p-Xylene	11.837	106	483561	20.805	ug/L	88
54) o-Xylene	12.166	106	456378	20.804	ug/L	96
55) Styrene	12.178	104	807567	21.458	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	263405	22.517	ug/L	97
59) Bromoform	12.349	173	119679	20.648	ug/L	97
60) Isopropylbenzene	12.458	105	1249106	20.605	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	190348	22.021	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1006103	20.877	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	919406	20.830	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	515153	20.211	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	529512	20.634	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	467716	20.434	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	42465	21.204	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	316902	18.099	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	268444	18.580	ug/L	96
71) Naphthalene	15.360	128	560603	21.771	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	245137	19.414	ug/L	99

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

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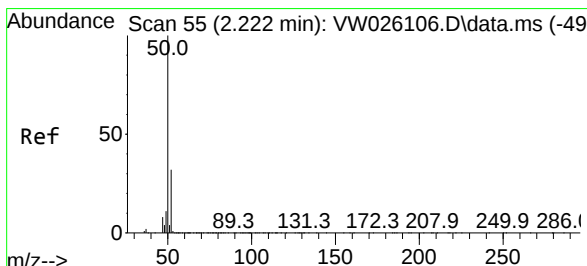
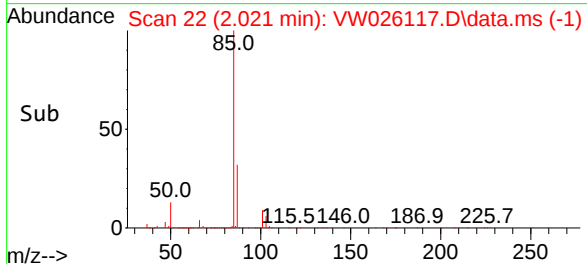
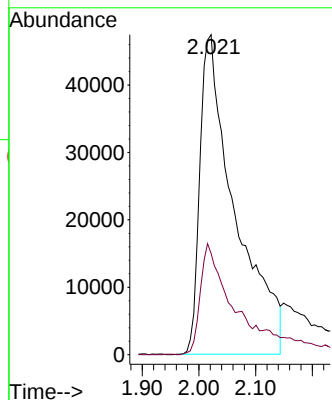
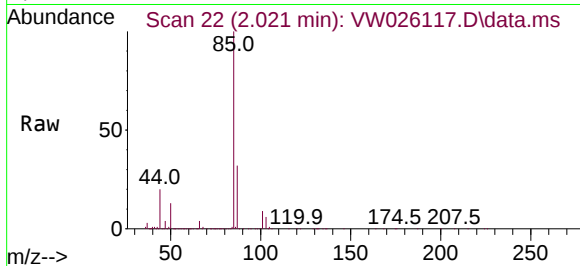




#2
 Dichlorodifluoromethane
 Concen: 18.493 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW026117.D
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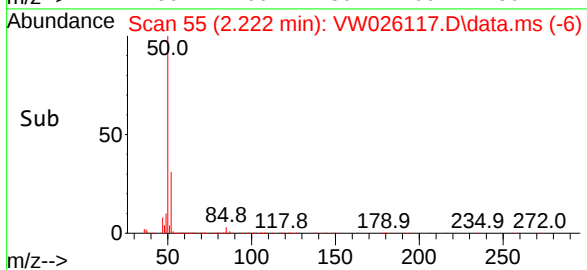
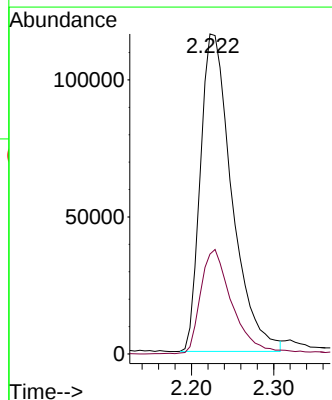
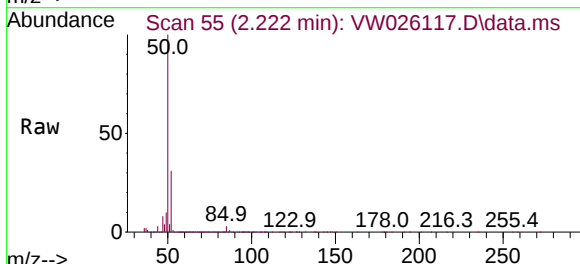
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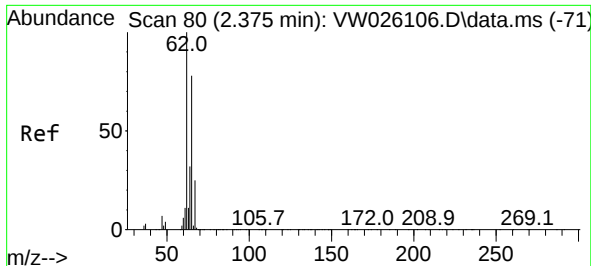
Tgt Ion: 85 Resp: 203611
 Ion Ratio Lower Upper
 85 100
 87 23.3 22.2 33.2



#3
 Chloromethane
 Concen: 21.868 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW026117.D
 Acq: 06 Jun 2023 19:13

Tgt Ion: 50 Resp: 308719
 Ion Ratio Lower Upper
 50 100
 52 31.2 21.3 39.6

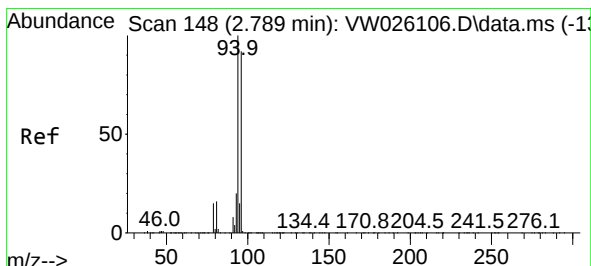
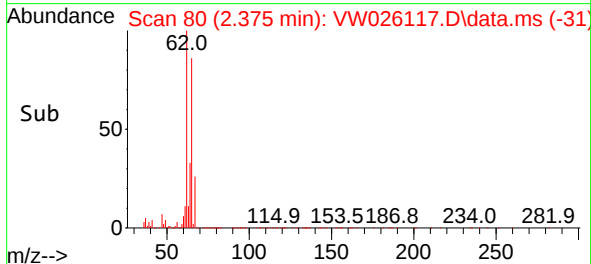
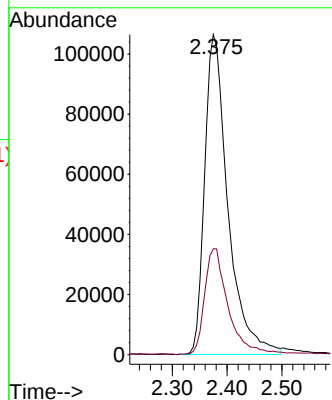
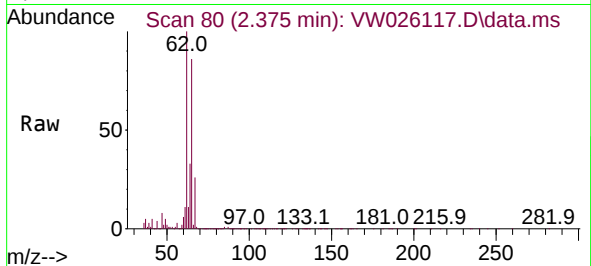




#5
 Vinyl chloride
 Concen: 20.774 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026117.D
 Acq: 06 Jun 2023 19:13

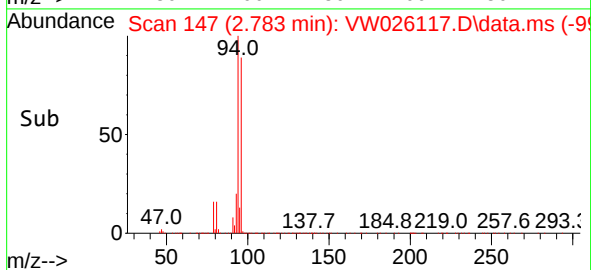
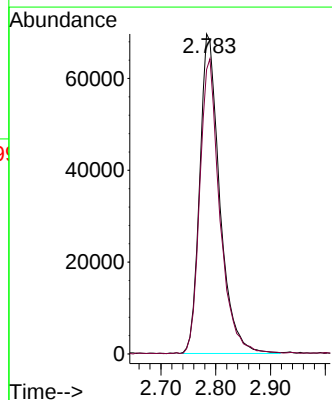
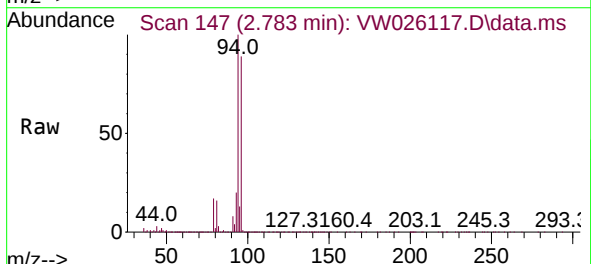
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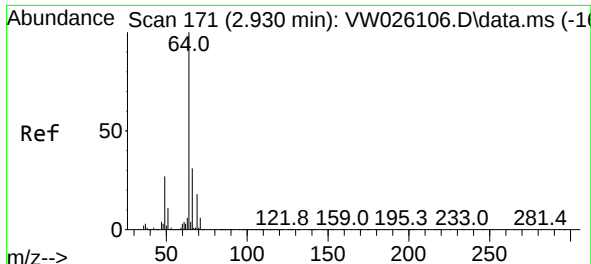
Tgt Ion: 62 Resp: 313485
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.7 42.1



#6
 Bromomethane
 Concen: 21.442 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026117.D
 Acq: 06 Jun 2023 19:13

Tgt Ion: 94 Resp: 176390
 Ion Ratio Lower Upper
 94 100
 96 88.9 64.2 119.2

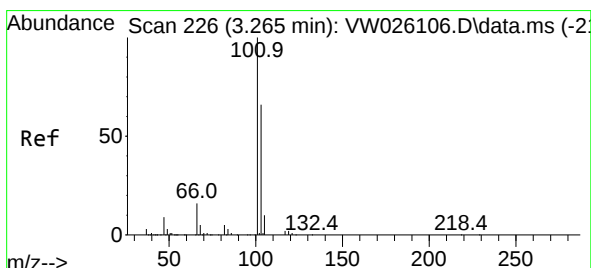
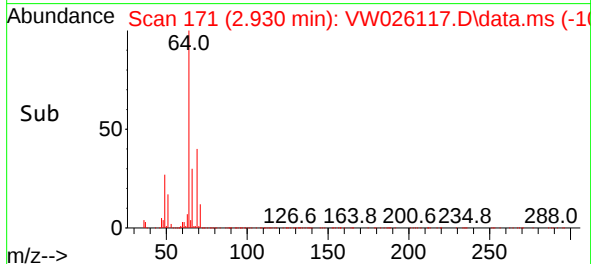
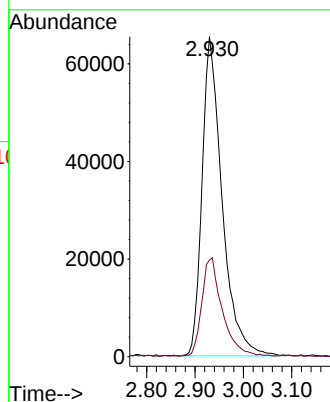
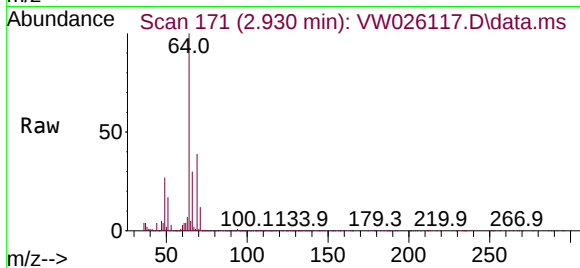




#8
Chloroethane
Concen: 23.077 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

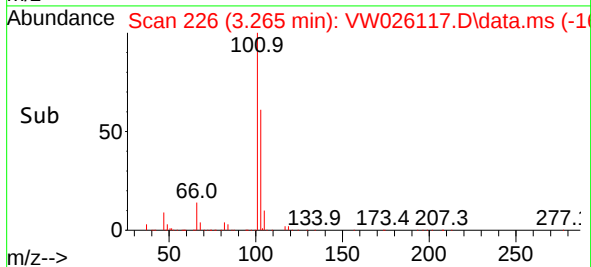
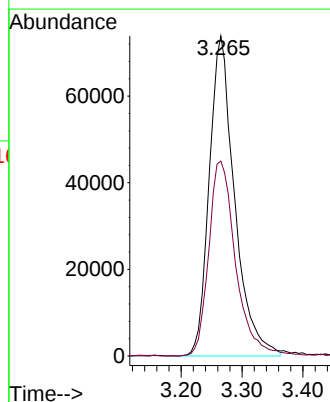
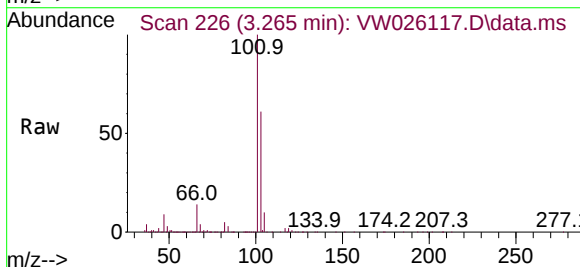
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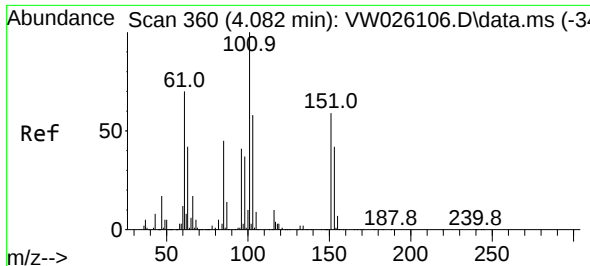
Tgt Ion: 64 Resp: 188185
Ion Ratio Lower Upper
64 100
66 30.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 21.971 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

Tgt Ion: 101 Resp: 213295
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4

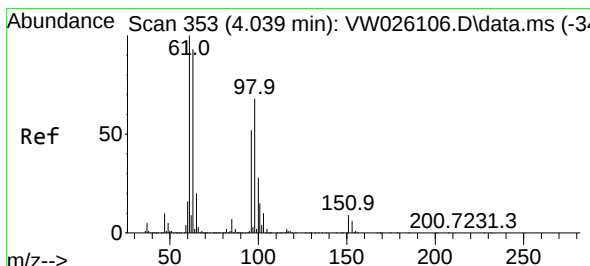
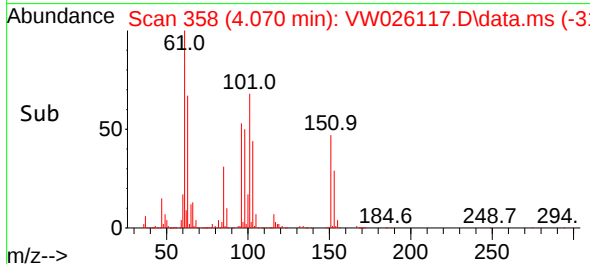
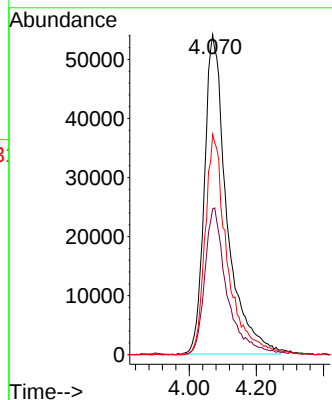
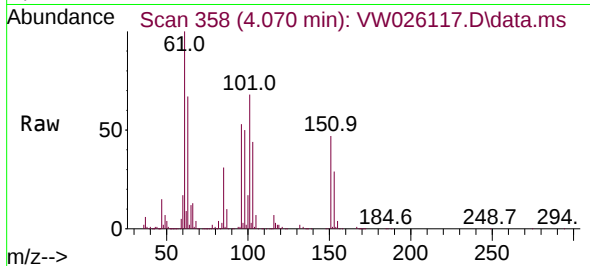




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.572 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.012 min
 Lab File: VW026117.D
 Acq: 06 Jun 2023 19:13

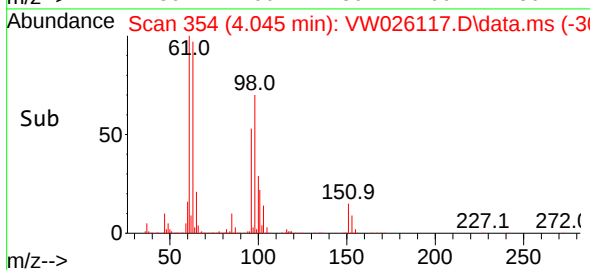
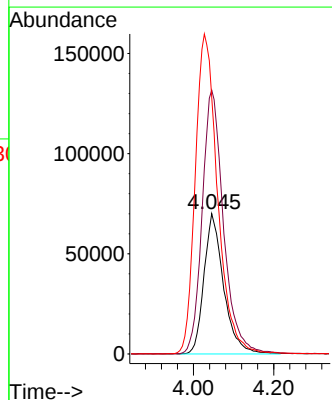
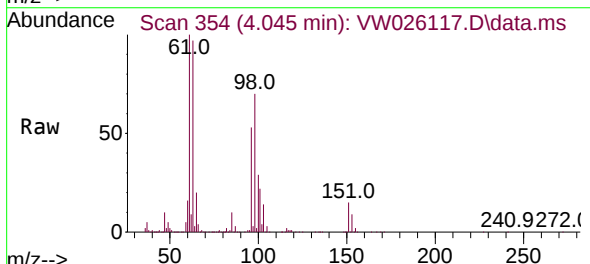
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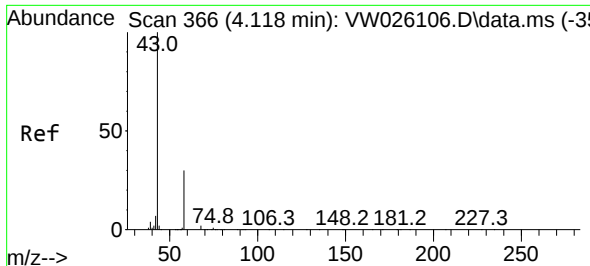
Tgt Ion:101 Resp: 252001
 Ion Ratio Lower Upper
 101 100
 85 41.9 36.1 54.1
 151 67.6 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 20.854 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW026117.D
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Tgt Ion: 96 Resp: 238470
 Ion Ratio Lower Upper
 96 100
 61 188.0 140.6 261.0
 63 182.8 131.7 244.5

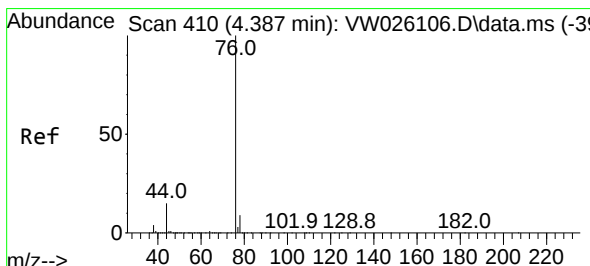
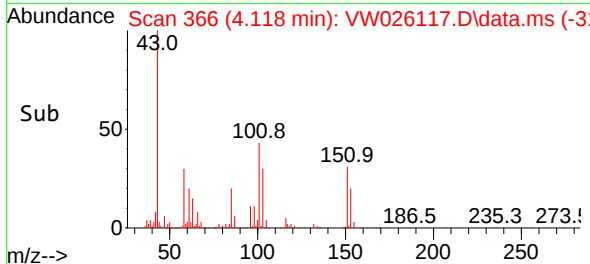
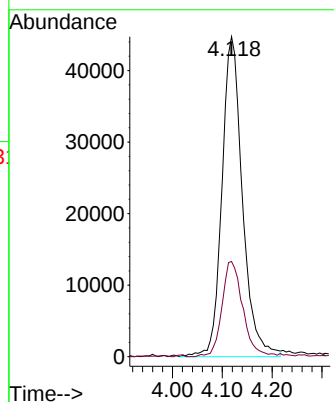
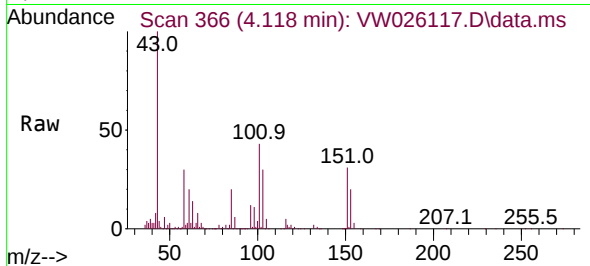




#13
Acetone
Concen: 44.914 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

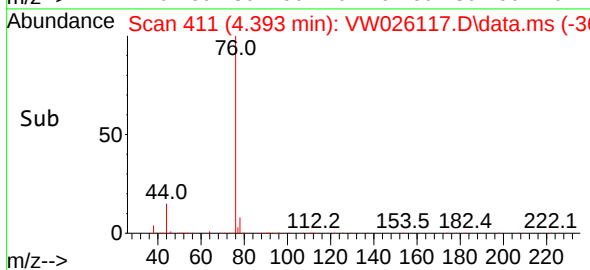
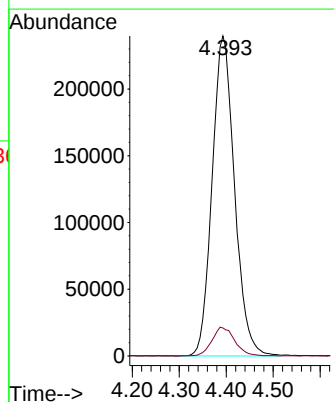
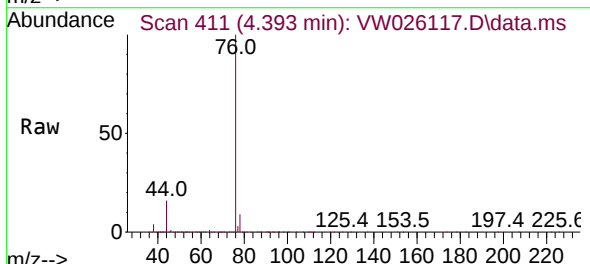
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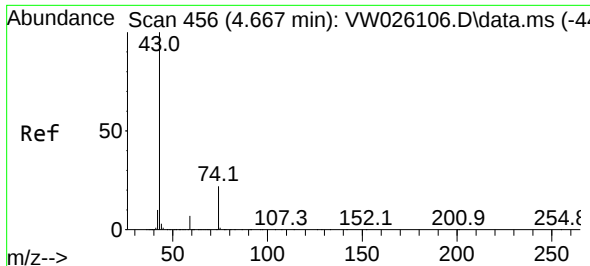
Tgt Ion: 43 Resp: 127837
Ion Ratio Lower Upper
43 100
58 29.9 0.0 58.2



#14
Carbon disulfide
Concen: 19.685 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

Tgt Ion: 76 Resp: 794636
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

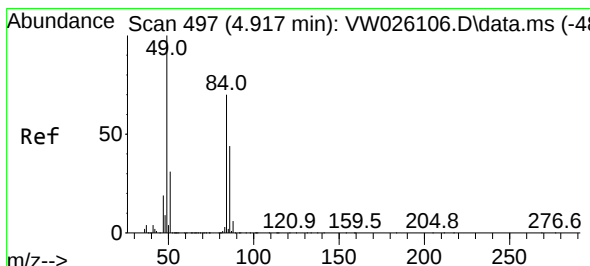
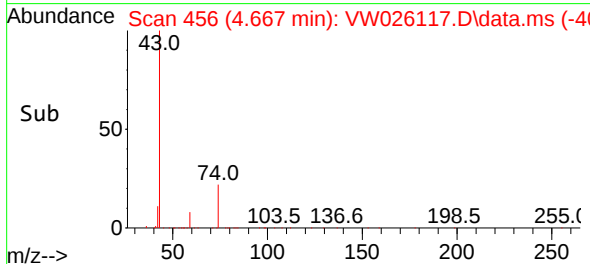
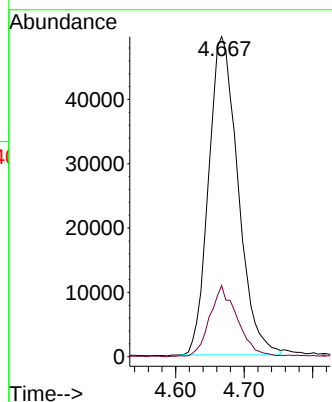
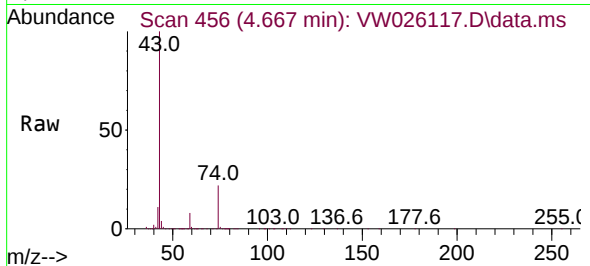




#15
Methyl Acetate
Concen: 23.119 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

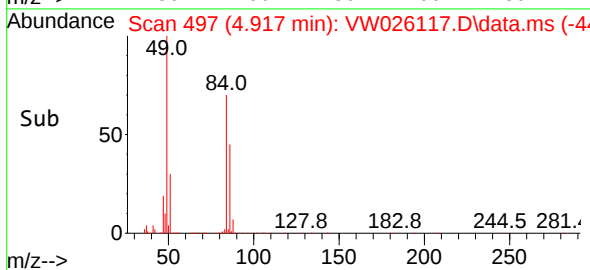
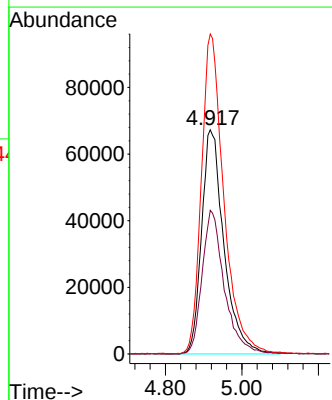
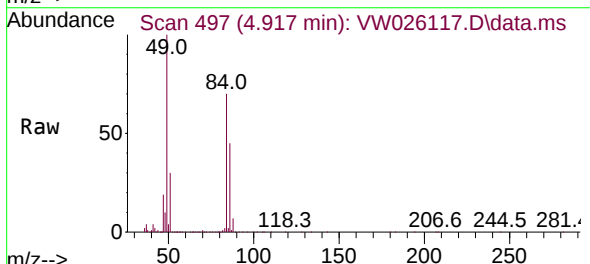
Instrument :
MSVOA_W
ClientSampleId :
EZEL1MSD

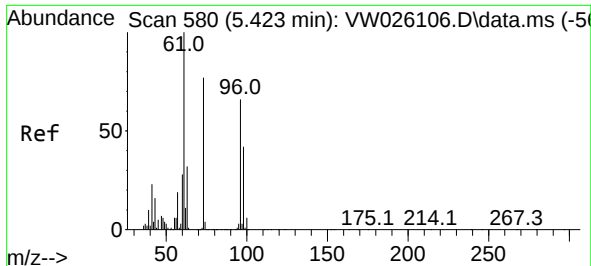
Tgt Ion: 43 Resp: 147684
Ion Ratio Lower Upper
43 100
74 20.4 16.6 25.0



#16
Methylene chloride
Concen: 19.048 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

Tgt Ion: 84 Resp: 273057
Ion Ratio Lower Upper
84 100
86 64.1 44.2 82.0
49 142.7 98.8 183.6

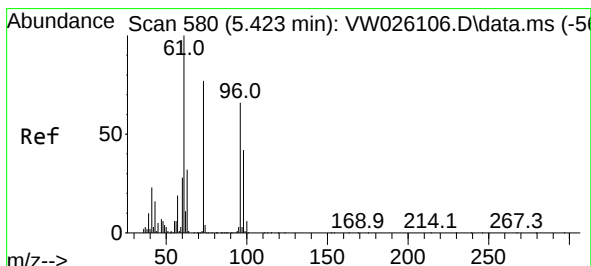
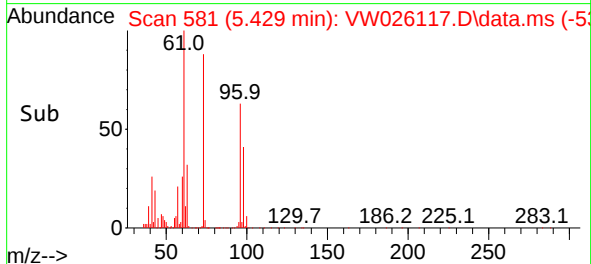
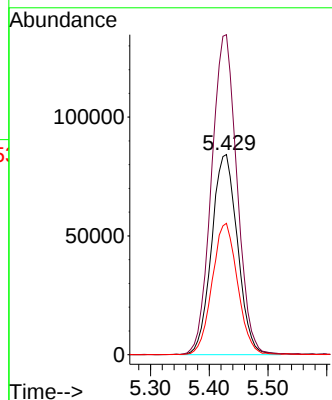
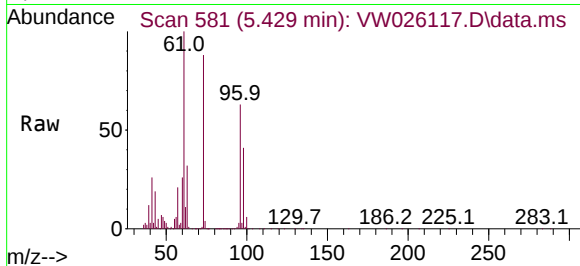




#17
trans-1,2-Dichloroethene
Concen: 20.135 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

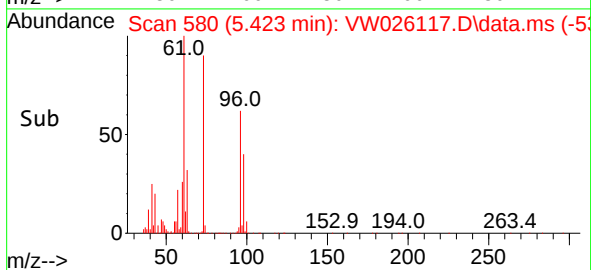
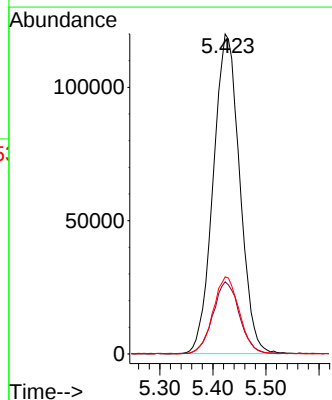
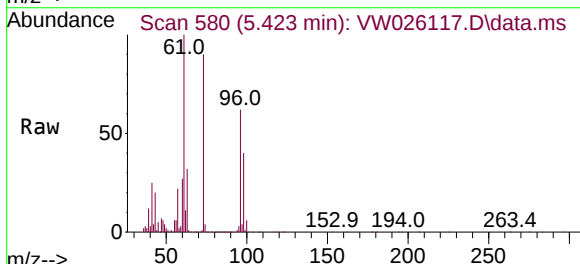
Instrument :
MSVOA_W
ClientSampleId :
EZEL1MSD

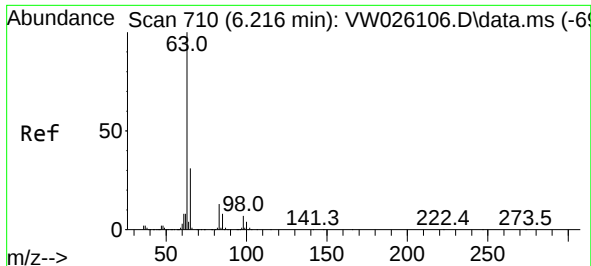
Tgt Ion: 96 Resp: 258336
Ion Ratio Lower Upper
96 100
61 159.8 113.0 209.8
98 65.6 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 20.497 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

Tgt Ion: 73 Resp: 414463
Ion Ratio Lower Upper
73 100
43 22.4 17.8 26.6
57 24.1 18.9 28.3





#19

1,1-Dichloroethane

Concen: 20.466 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026117.D

Acq: 06 Jun 2023 19:13

Instrument :

MSVOA_W

ClientSampleId :

EZEL1MSD

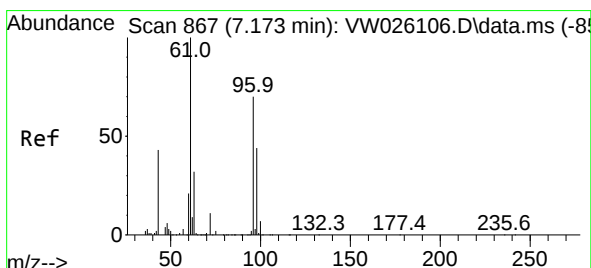
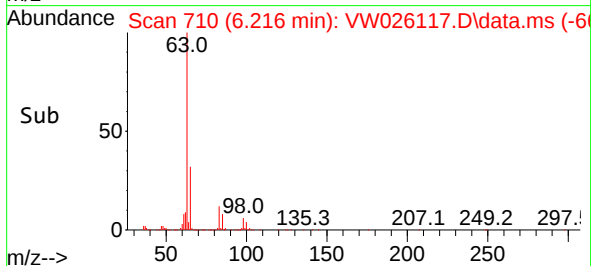
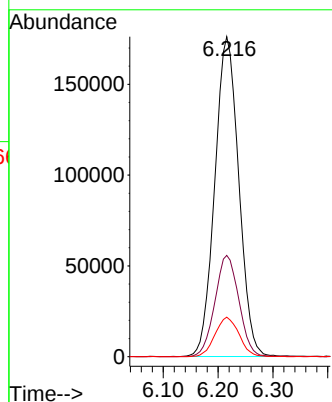
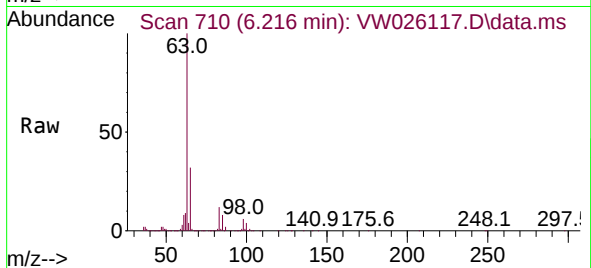
Tgt Ion: 63 Resp: 534568

Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.5

83 12.4 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 20.857 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW026117.D

Acq: 06 Jun 2023 19:13

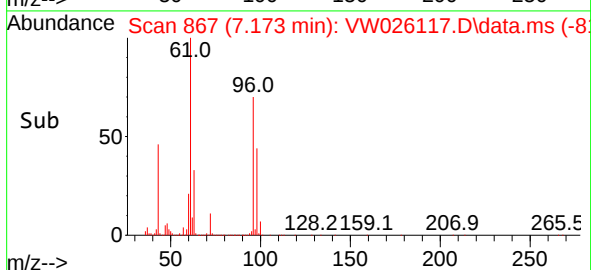
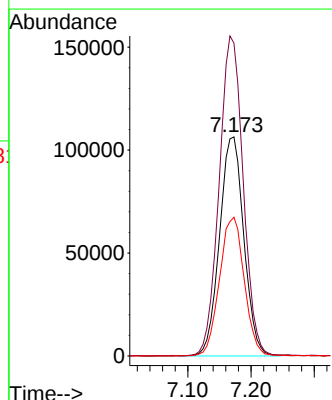
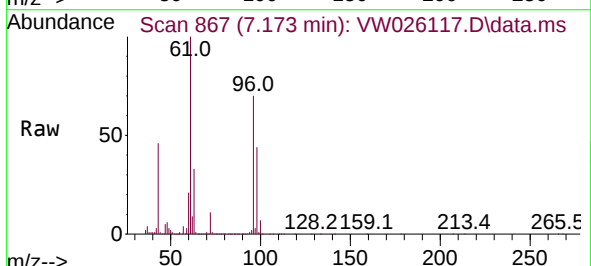
Tgt Ion: 96 Resp: 283447

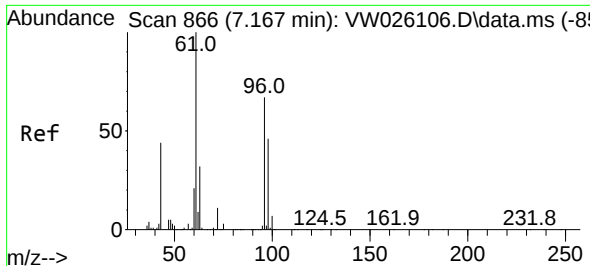
Ion Ratio Lower Upper

96 100

61 142.7 98.4 182.8

98 63.3 45.2 84.0

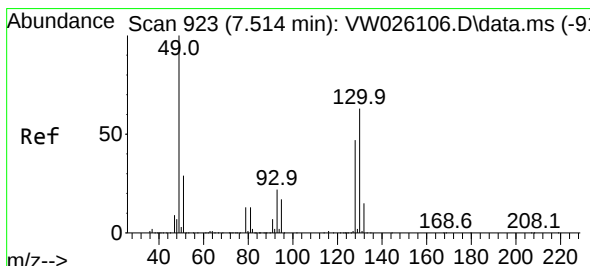
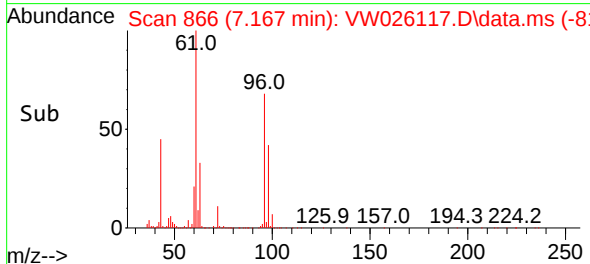
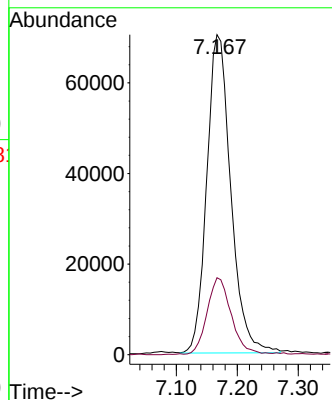
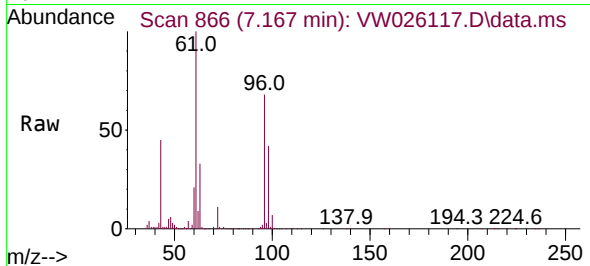




#22
2-Butanone
Concen: 47.479 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

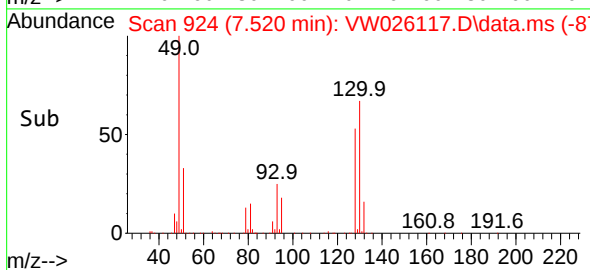
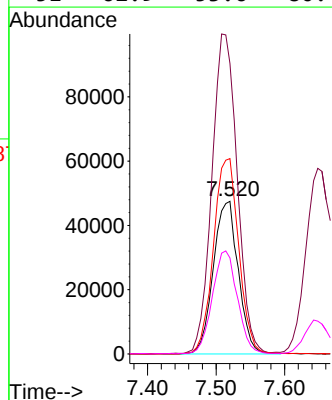
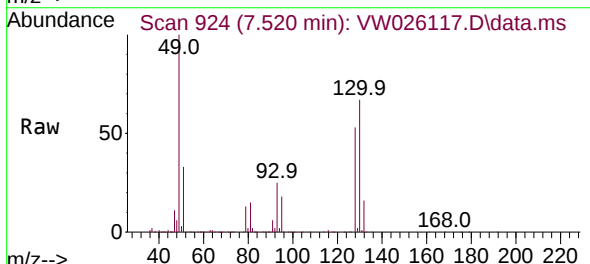
Instrument :
MSVOA_W
ClientSampleId :
EZEL1MSD

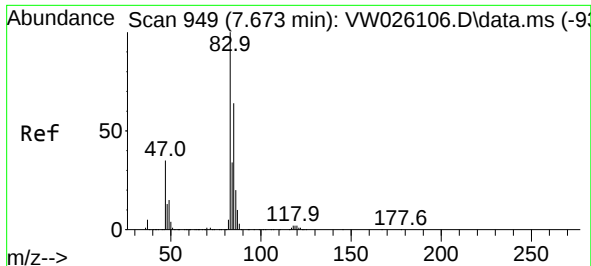
Tgt Ion: 43 Resp: 192773
Ion Ratio Lower Upper
43 100
72 24.3 12.4 37.4



#23
Bromochloromethane
Concen: 20.744 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

Tgt Ion: 128 Resp: 120226
Ion Ratio Lower Upper
128 100
49 190.2 140.6 261.0
130 127.9 86.0 159.6
51 62.9 53.6 80.4

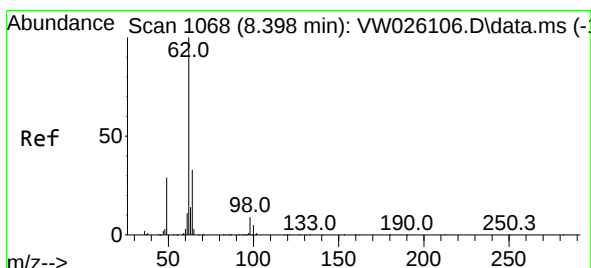
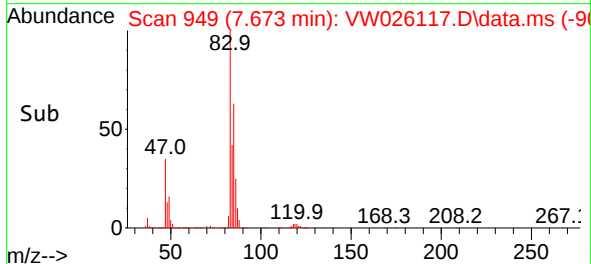
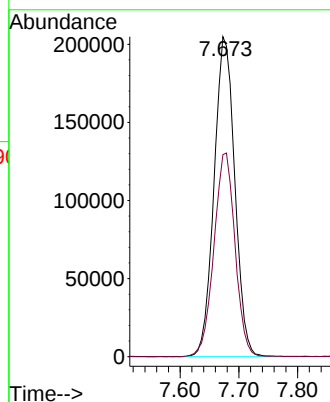
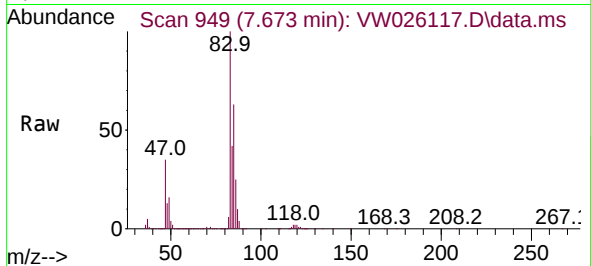




#25
Chloroform
Concen: 20.609 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

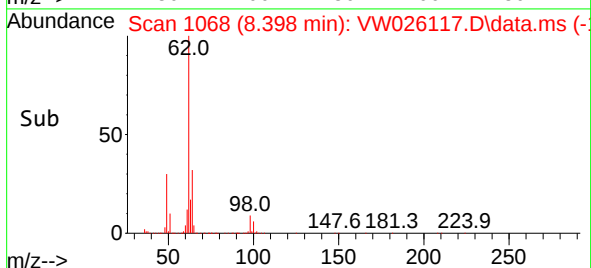
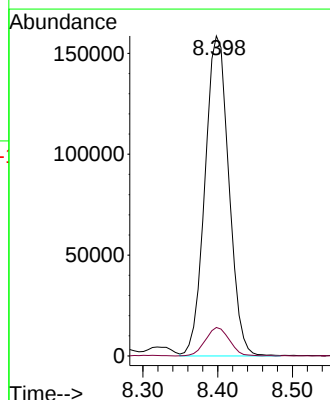
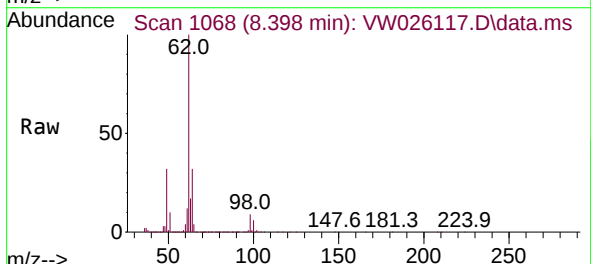
Instrument :
MSVOA_W
ClientSampleId :
EZEL1MSD

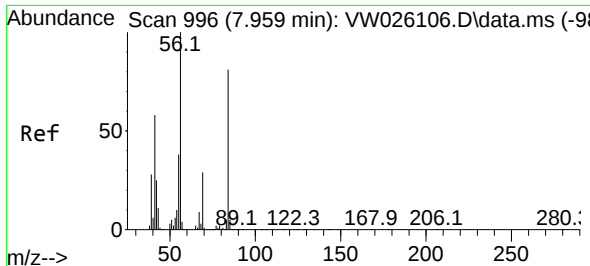
Tgt Ion: 83 Resp: 501385
Ion Ratio Lower Upper
83 100
85 63.1 45.1 83.7



#27
1,2-Dichloroethane
Concen: 20.978 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

Tgt Ion: 62 Resp: 351985
Ion Ratio Lower Upper
62 100
98 8.9 7.4 11.2





#29

Cyclohexane

Concen: 20.273 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW026117.D

Acq: 06 Jun 2023 19:13

Instrument :

MSVOA_W

ClientSampleId :

EZEL1MSD

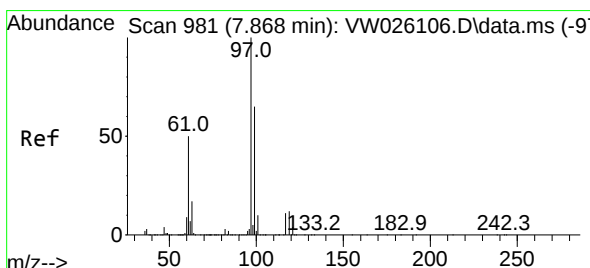
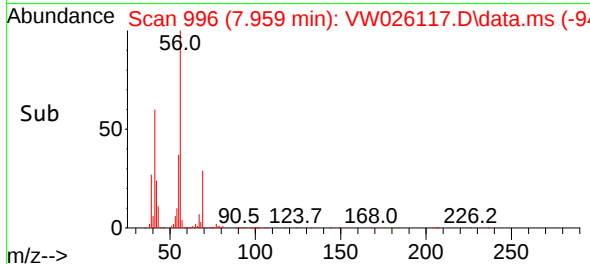
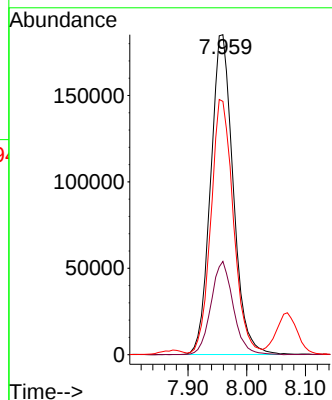
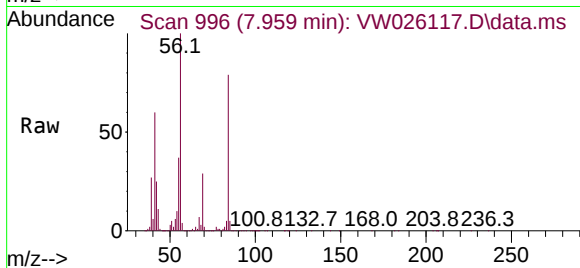
Tgt Ion: 56 Resp: 494742

Ion Ratio Lower Upper

56 100

69 28.7 23.3 34.9

84 79.5 63.0 94.6



#30

1,1,1-Trichloroethane

Concen: 20.212 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW026117.D

Acq: 06 Jun 2023 19:13

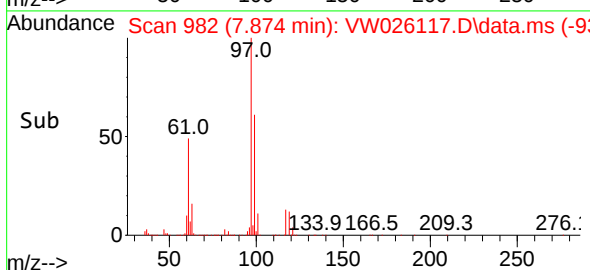
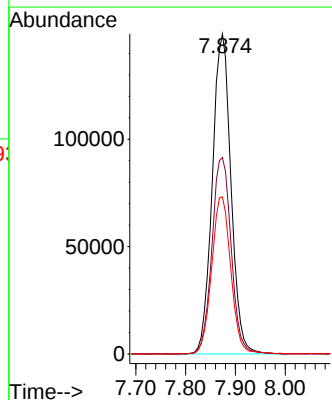
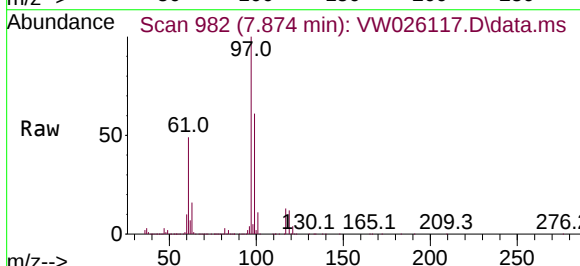
Tgt Ion: 97 Resp: 387713

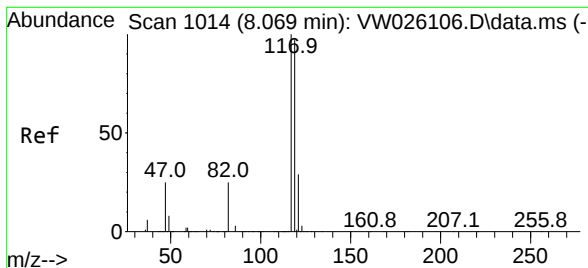
Ion Ratio Lower Upper

97 100

99 63.4 50.6 76.0

61 50.5 40.5 60.7

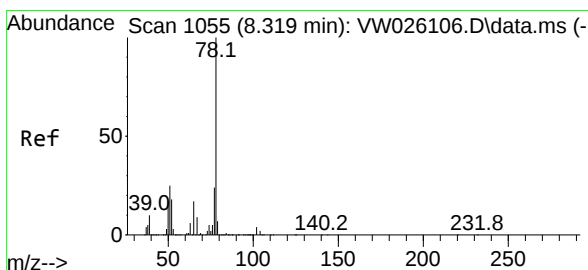
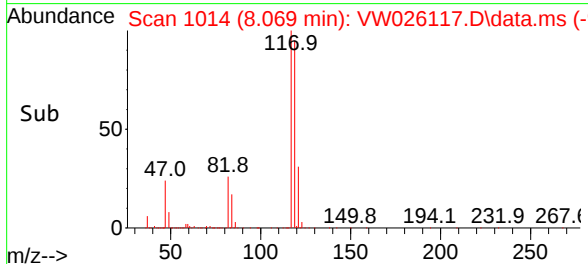
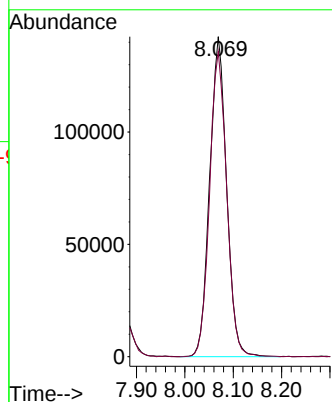
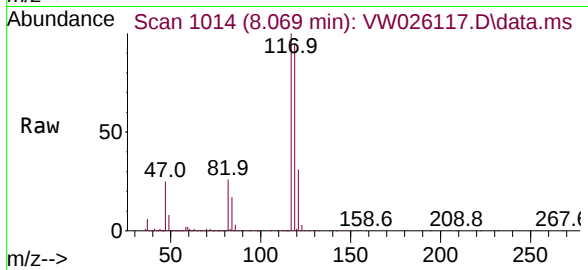




#31
Carbon tetrachloride
Concen: 19.757 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

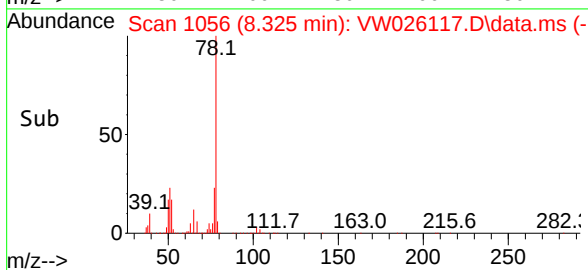
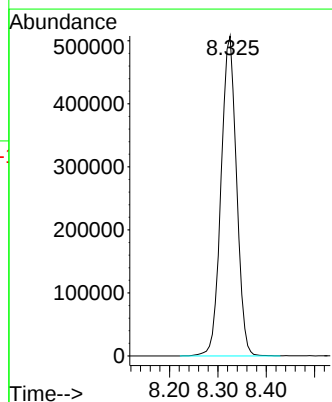
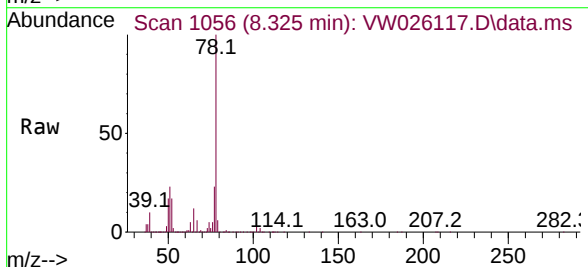
Instrument :
MSVOA_W
ClientSampleId :
EZEL1MSD

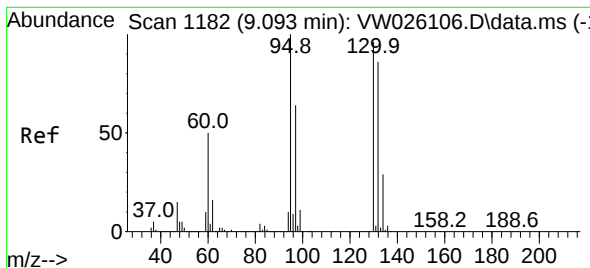
Tgt Ion:117 Resp: 345844
Ion Ratio Lower Upper
117 100
119 96.4 77.4 116.2



#33
Benzene
Concen: 20.851 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

Tgt Ion: 78 Resp: 1129090





#34

Trichloroethene

Concen: 20.533 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026117.D

Acq: 06 Jun 2023 19:13

Instrument :

MSVOA_W

ClientSampleId :

EZEL1MSD

Tgt Ion: 95 Resp: 284701

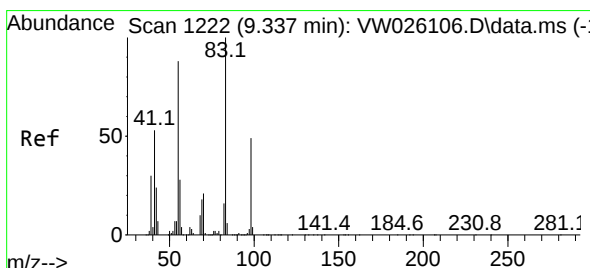
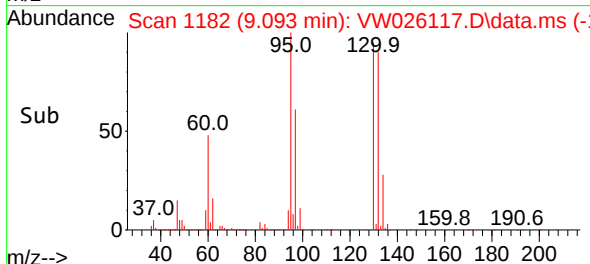
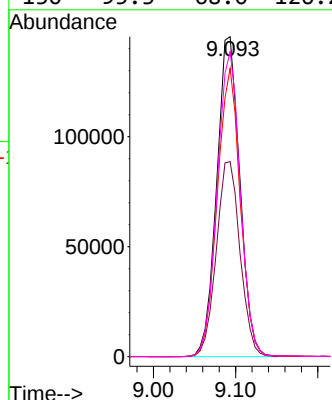
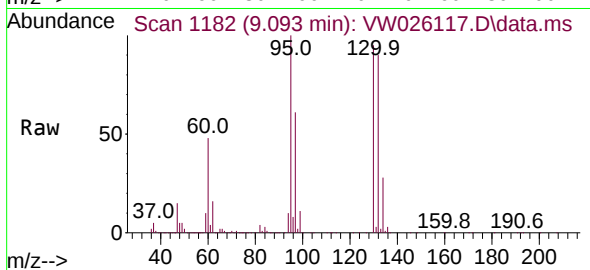
Ion Ratio Lower Upper

95 100

97 60.9 45.9 85.3

132 90.1 67.1 124.7

130 95.3 68.0 126.2



#35

Methylcyclohexane

Concen: 20.321 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026117.D

Acq: 06 Jun 2023 19:13

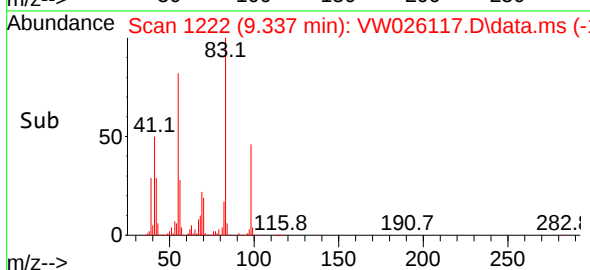
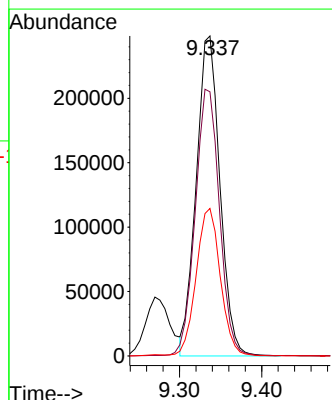
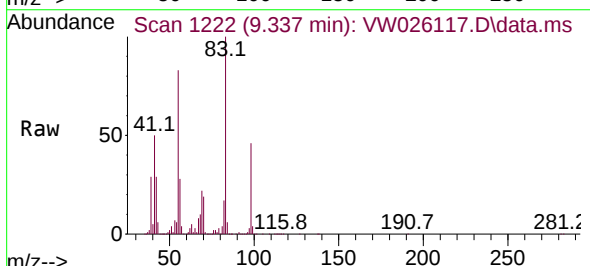
Tgt Ion: 83 Resp: 498573

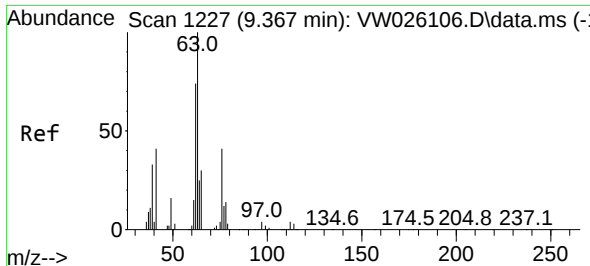
Ion Ratio Lower Upper

83 100

55 85.0 68.2 102.4

98 47.1 38.1 57.1





#37

1,2-Dichloropropane

Concen: 21.049 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026117.D

Acq: 06 Jun 2023 19:13

Instrument :

MSVOA_W

ClientSampleId :

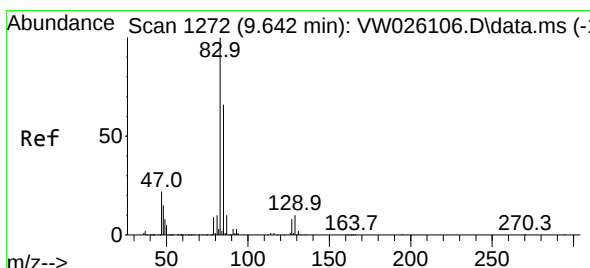
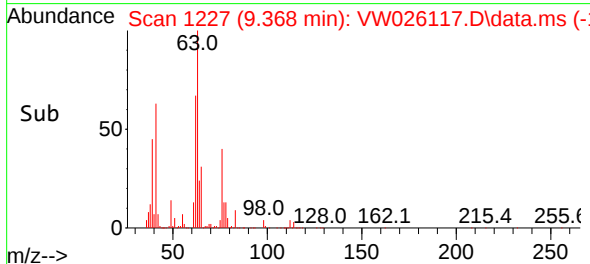
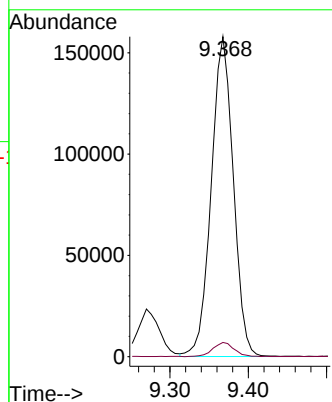
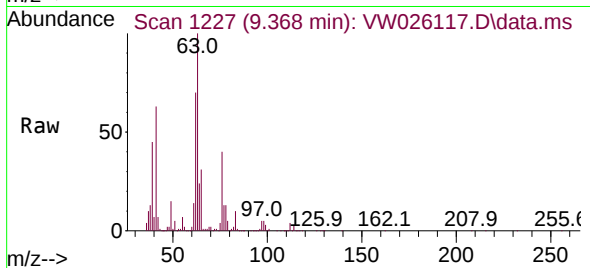
EZEL1MSD

Tgt Ion: 63 Resp: 308718

Ion Ratio Lower Upper

63 100

112 4.4 3.3 4.9



#38

Bromodichloromethane

Concen: 20.862 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026117.D

Acq: 06 Jun 2023 19:13

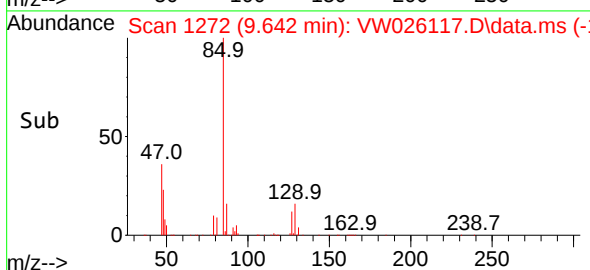
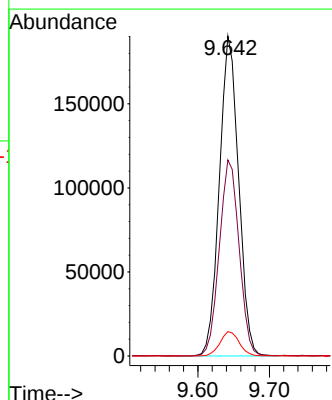
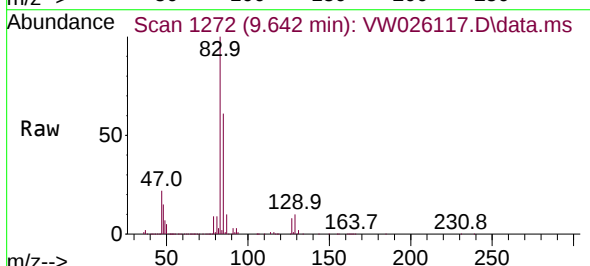
Tgt Ion: 83 Resp: 355480

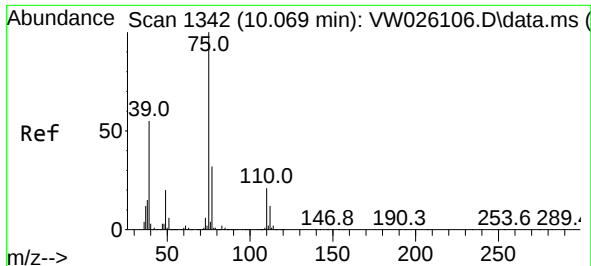
Ion Ratio Lower Upper

83 100

85 61.3 44.2 82.0

127 7.6 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 21.008 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW026117.D

Acq: 06 Jun 2023 19:13

Instrument :

MSVOA_W

ClientSampleId :

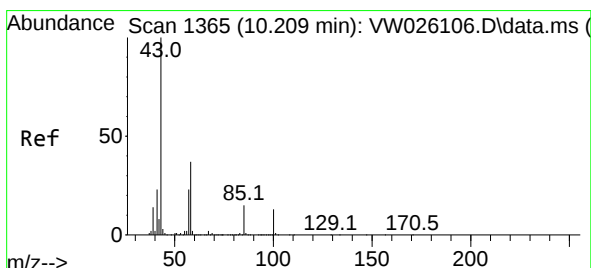
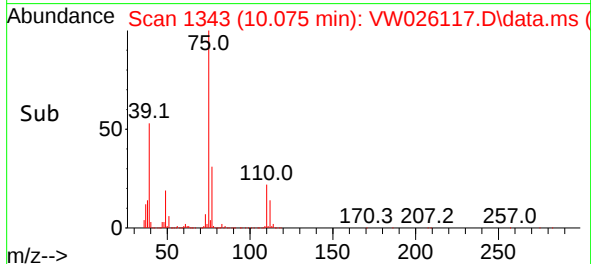
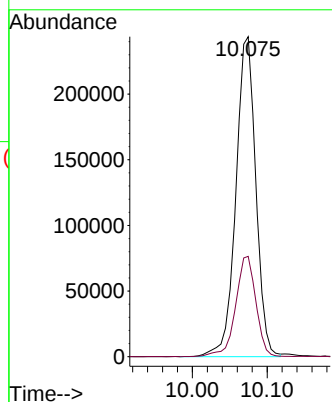
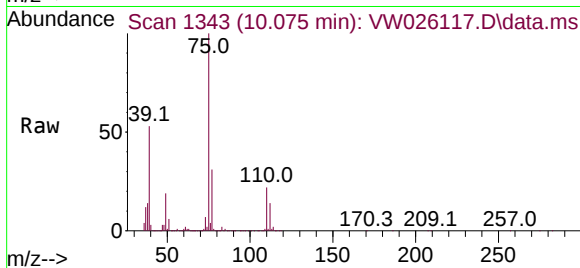
EZEL1MSD

Tgt Ion: 75 Resp: 452797

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 48.317 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026117.D

Acq: 06 Jun 2023 19:13

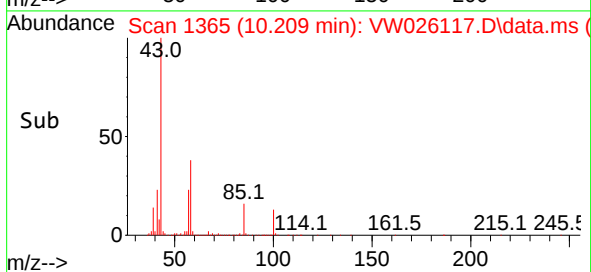
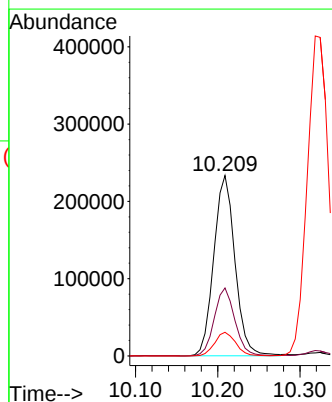
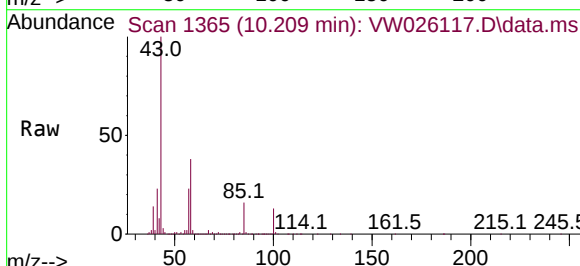
Tgt Ion: 43 Resp: 417794

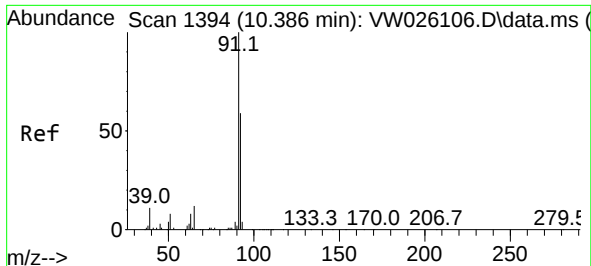
Ion Ratio Lower Upper

43 100

58 36.8 29.0 43.4

100 13.2 10.5 15.7

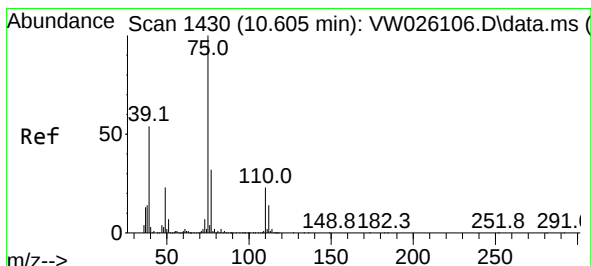
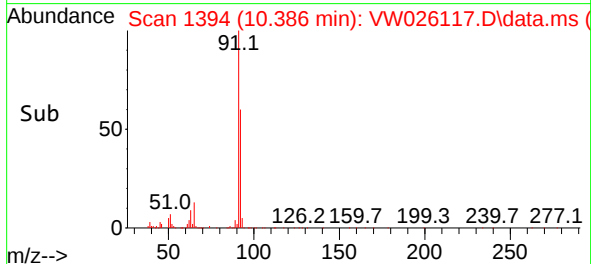
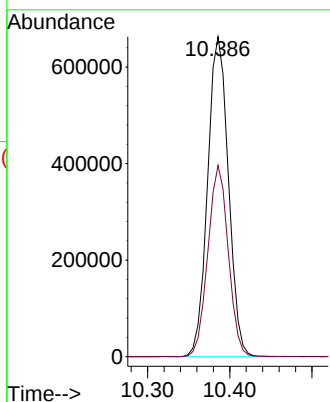
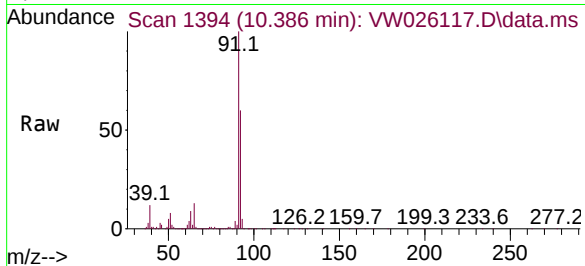




#42
Toluene
Concen: 20.996 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

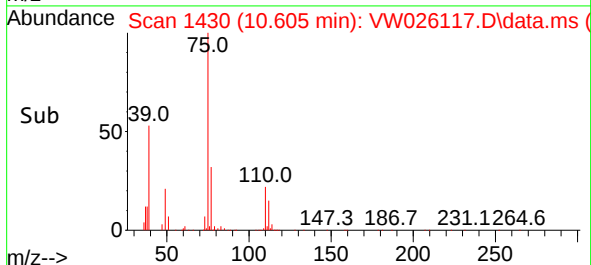
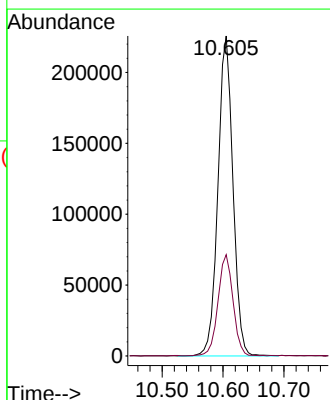
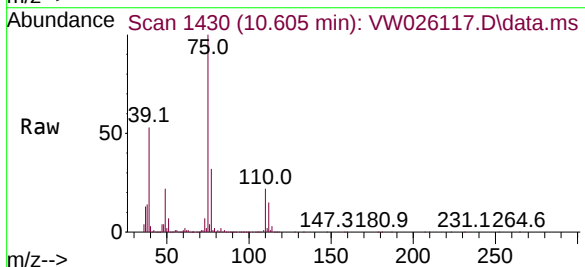
Instrument :
MSVOA_W
ClientSampleId :
EZEL1MSD

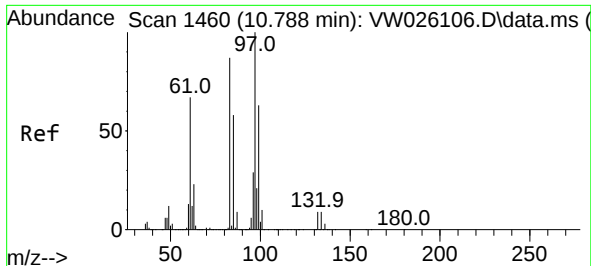
Tgt Ion: 91 Resp: 1162863
Ion Ratio Lower Upper
91 100
92 59.8 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 21.484 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

Tgt Ion: 75 Resp: 385761
Ion Ratio Lower Upper
75 100
77 31.7 21.1 39.3





#45

1,1,2-Trichloroethane

Concen: 21.276 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW026117.D

Acq: 06 Jun 2023 19:13

Instrument :

MSVOA_W

ClientSampleId :

EZEL1MSD

Tgt Ion: 97 Resp: 205661

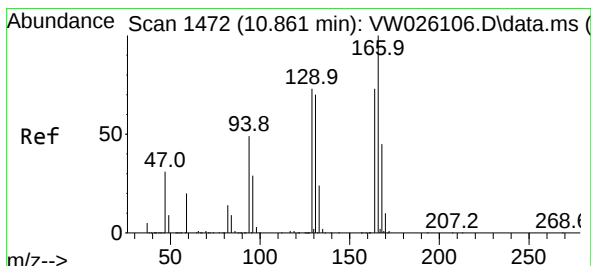
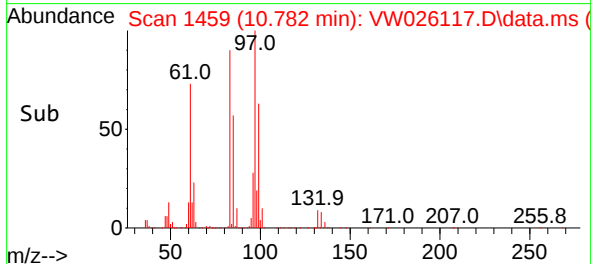
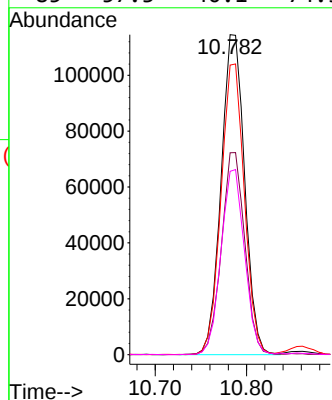
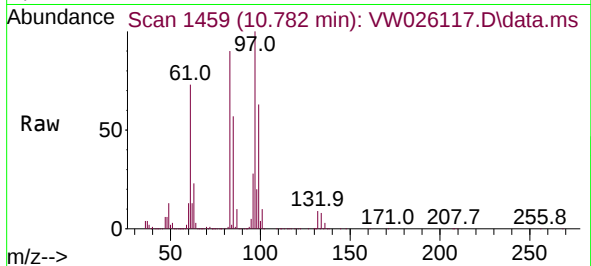
Ion Ratio Lower Upper

97 100

99 63.1 43.3 80.5

83 90.5 62.9 116.9

85 57.3 40.1 74.5



#46

Tetrachloroethene

Concen: 19.721 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW026117.D

Acq: 06 Jun 2023 19:13

Tgt Ion:164 Resp: 193415

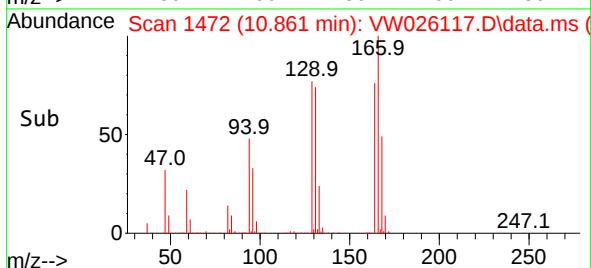
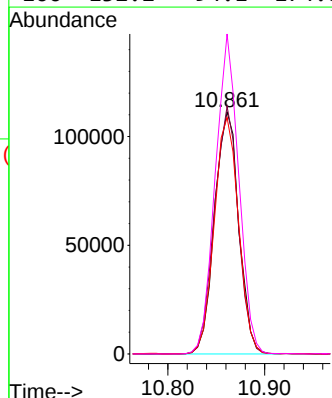
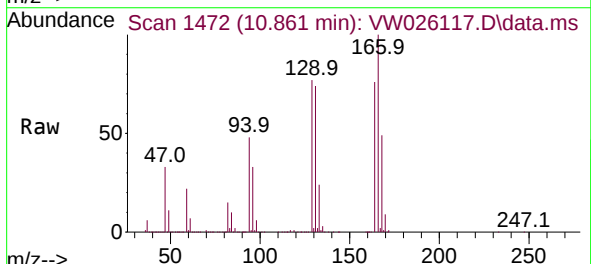
Ion Ratio Lower Upper

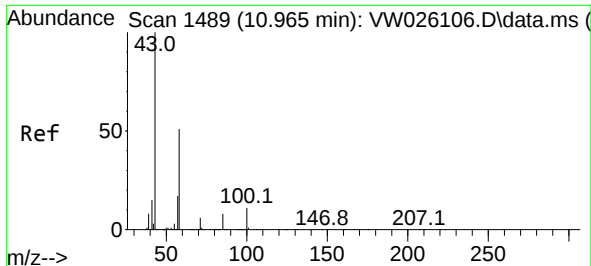
164 100

129 102.3 68.5 127.1

131 97.7 67.1 124.7

166 132.2 94.1 174.8

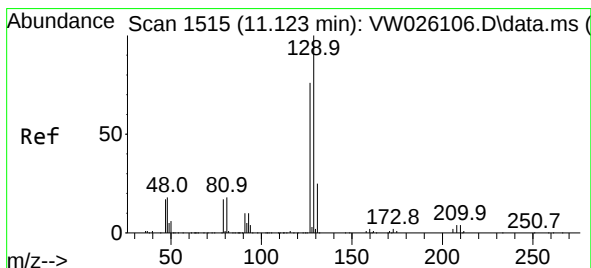
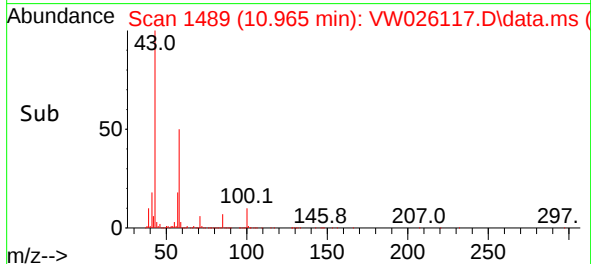
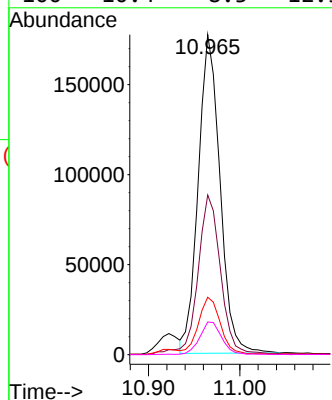
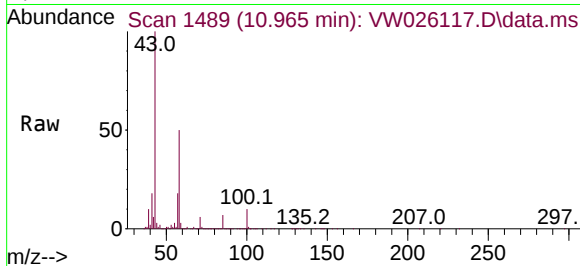




#48
2-Hexanone
Concen: 47.996 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

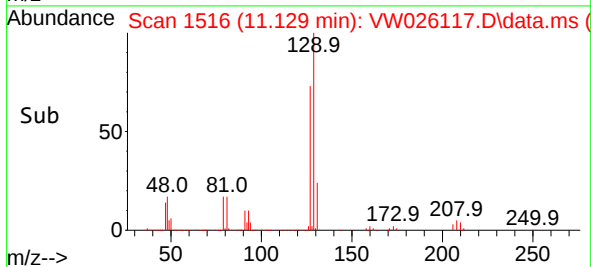
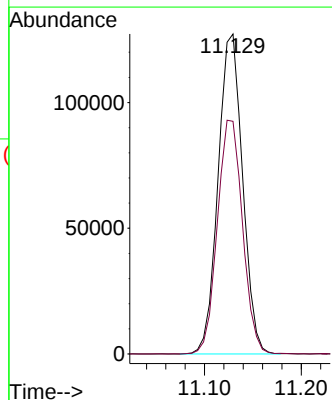
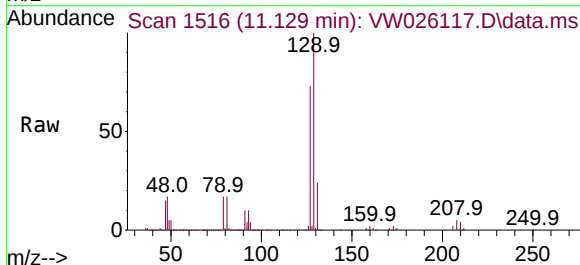
Instrument :
MSVOA_W
ClientSampleId :
EZEL1MSD

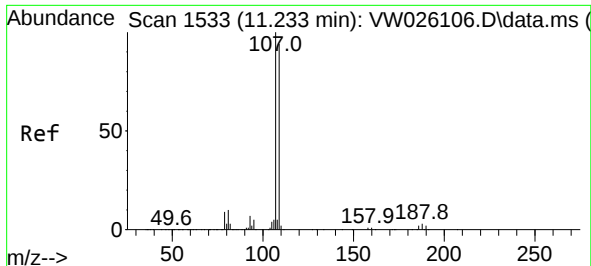
Tgt Ion: 43 Resp: 292631
Ion Ratio Lower Upper
43 100
58 50.8 42.2 63.2
57 17.6 14.2 21.2
100 10.4 8.3 12.5



#49
Dibromochloromethane
Concen: 22.066 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

Tgt Ion: 129 Resp: 223626
Ion Ratio Lower Upper
129 100
127 72.7 56.9 105.7





#50

1,2-Dibromoethane

Concen: 21.585 ug/L

RT: 11.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026117.D

Acq: 06 Jun 2023 19:13

Instrument :

MSVOA_W

ClientSampleId :

EZEL1MSD

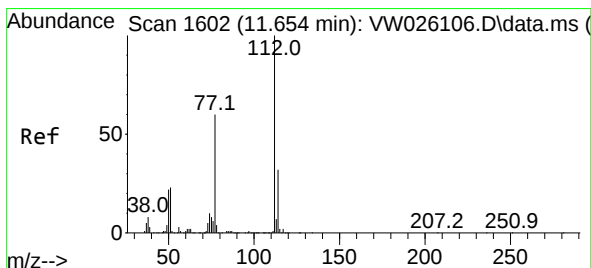
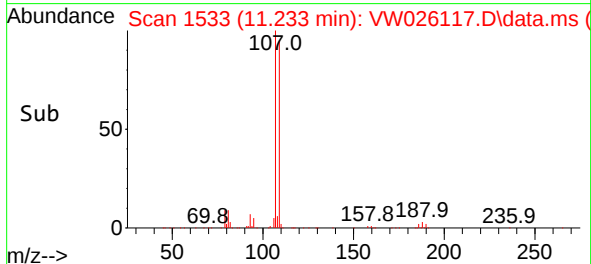
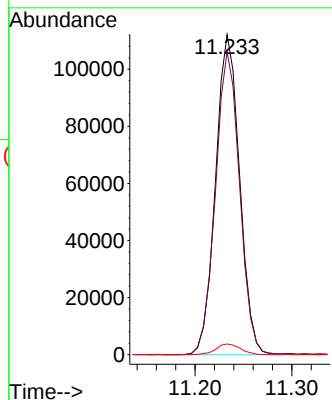
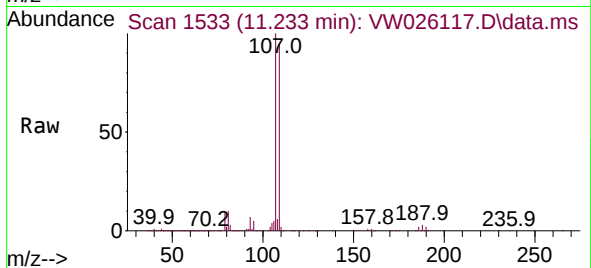
Tgt Ion:107 Resp: 193187

Ion Ratio Lower Upper

107 100

109 94.7 64.0 119.0

188 3.4 2.6 3.8



#51

Chlorobenzene

Concen: 20.265 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026117.D

Acq: 06 Jun 2023 19:13

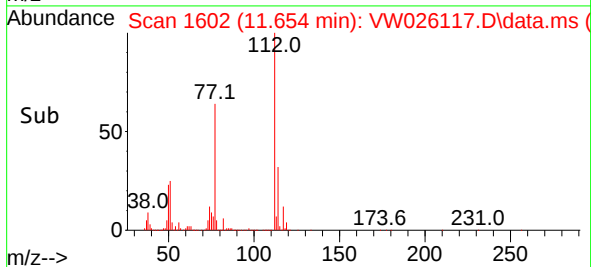
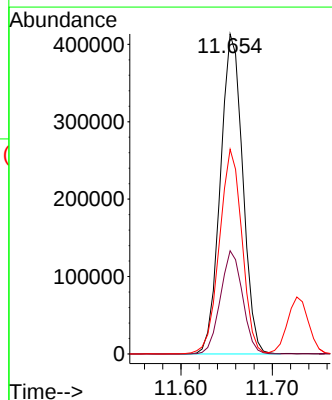
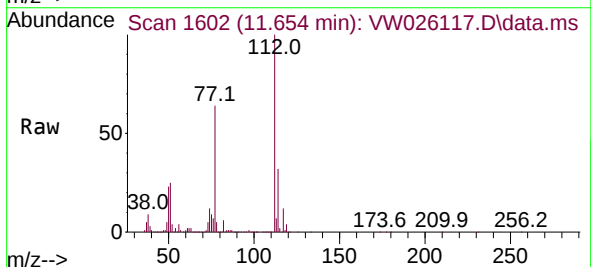
Tgt Ion:112 Resp: 703322

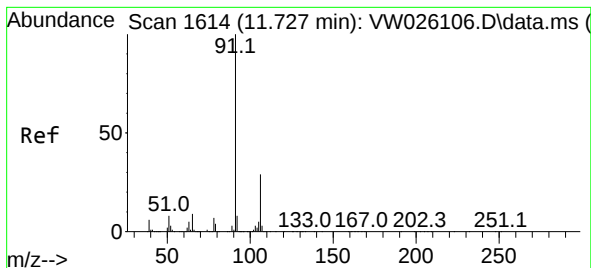
Ion Ratio Lower Upper

112 100

114 32.2 23.0 42.6

77 63.9 50.9 76.3

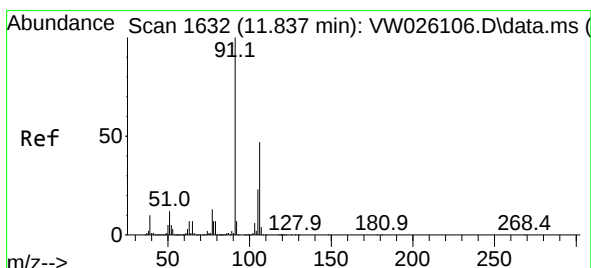
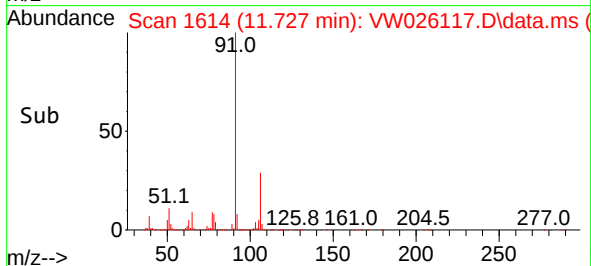
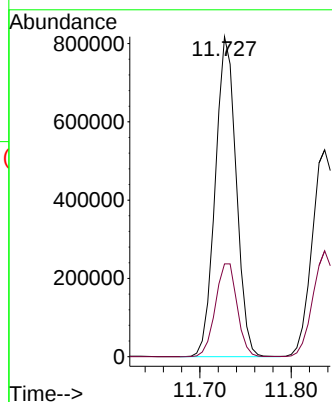
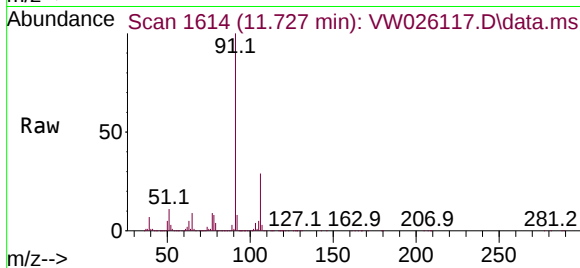




#52
Ethylbenzene
Concen: 20.825 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

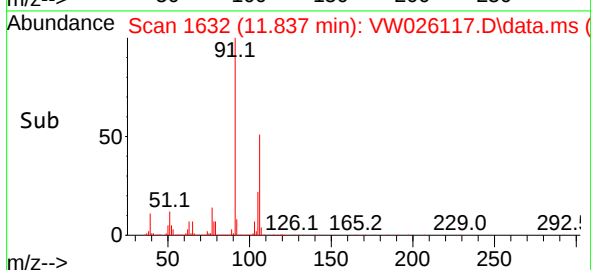
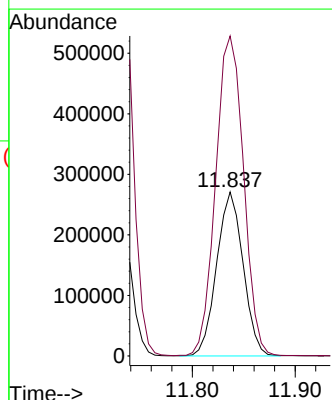
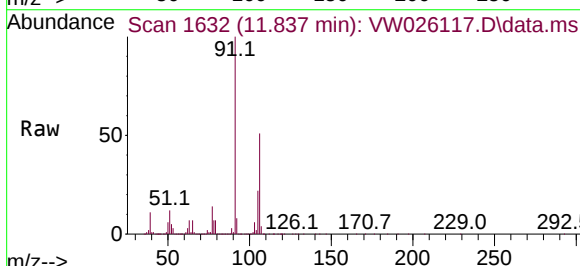
Instrument :
MSVOA_W
ClientSampleId :
EZEL1MSD

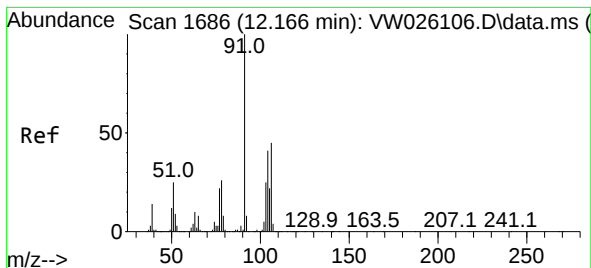
Tgt Ion: 91 Resp: 1301088
Ion Ratio Lower Upper
91 100
106 29.0 21.2 39.4



#53
m,p-Xylene
Concen: 20.805 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

Tgt Ion:106 Resp: 483561
Ion Ratio Lower Upper
106 100
91 195.2 149.5 277.7

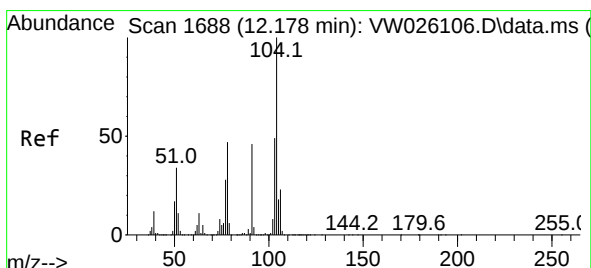
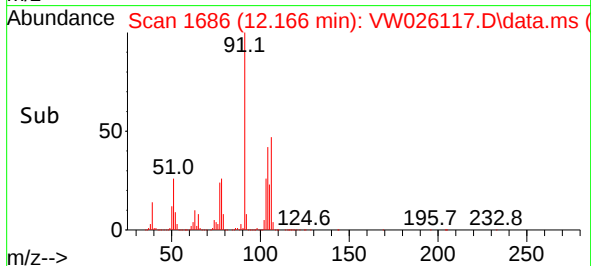
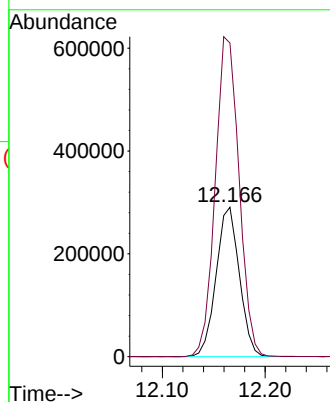
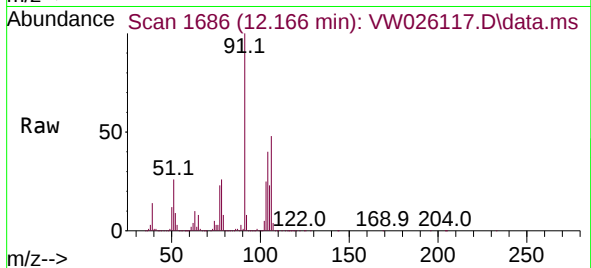




#54
o-Xylene
Concen: 20.804 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

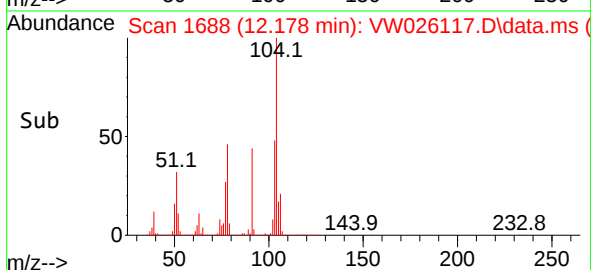
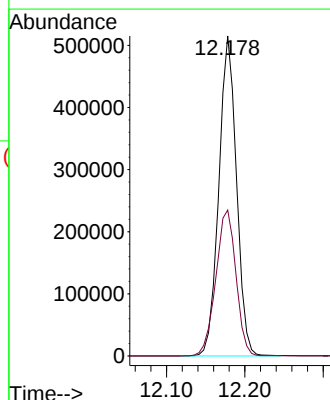
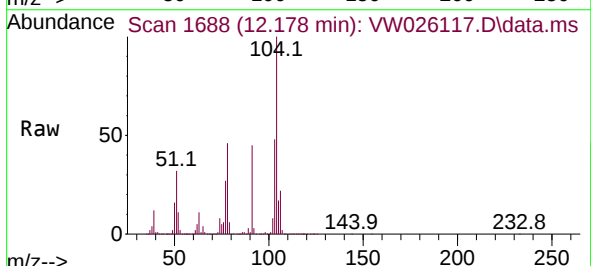
Instrument :
MSVOA_W
ClientSampleId :
EZEL1MSD

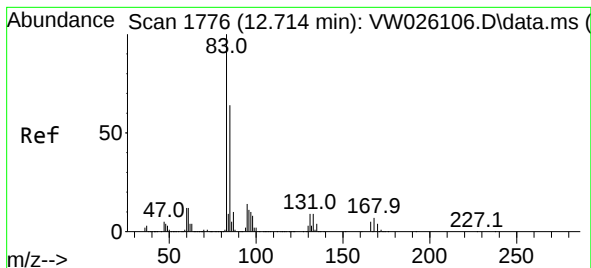
Tgt Ion:106 Resp: 456378
Ion Ratio Lower Upper
106 100
91 210.0 150.9 280.3



#55
Styrene
Concen: 21.458 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

Tgt Ion:104 Resp: 807567
Ion Ratio Lower Upper
104 100
78 45.6 32.6 60.6

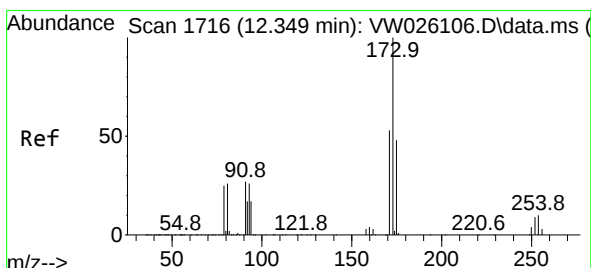
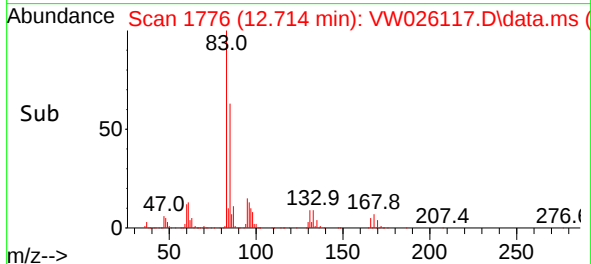
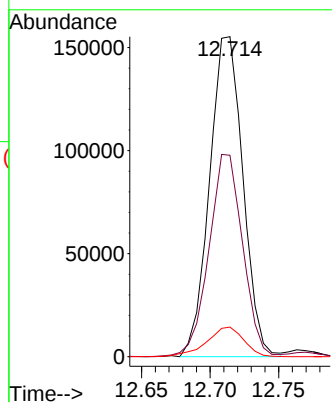
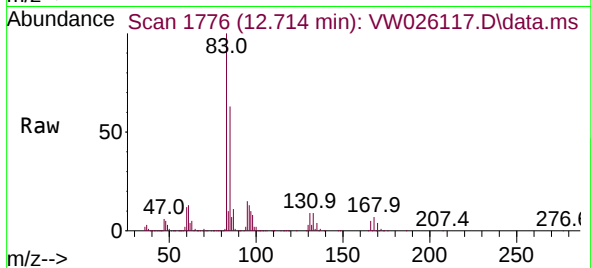




#57
1,1,2,2-Tetrachloroethane
Concen: 22.517 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

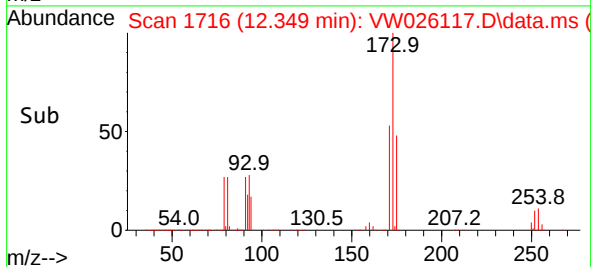
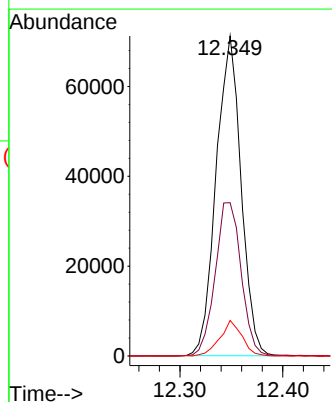
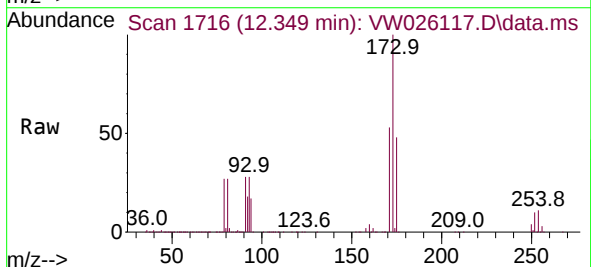
Instrument :
MSVOA_W
ClientSampleId :
EZEL1MSD

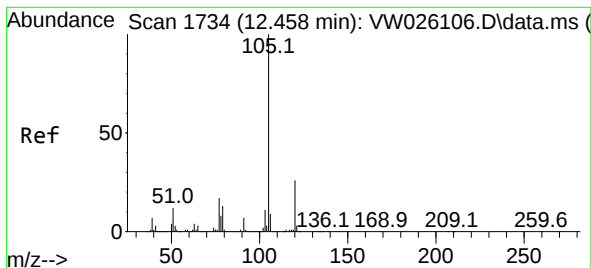
Tgt Ion: 83 Resp: 263405
Ion Ratio Lower Upper
83 100
85 63.0 42.6 79.0
131 9.2 7.2 10.8



#59
Bromoform
Concen: 20.648 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

Tgt Ion: 173 Resp: 119679
Ion Ratio Lower Upper
173 100
175 50.1 38.6 57.8
254 9.8 7.4 11.0





#60

Isopropylbenzene

Concen: 20.605 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW026117.D

Acq: 06 Jun 2023 19:13

Instrument :

MSVOA_W

ClientSampleId :

EZEL1MSD

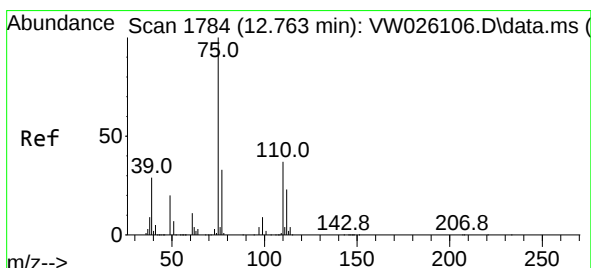
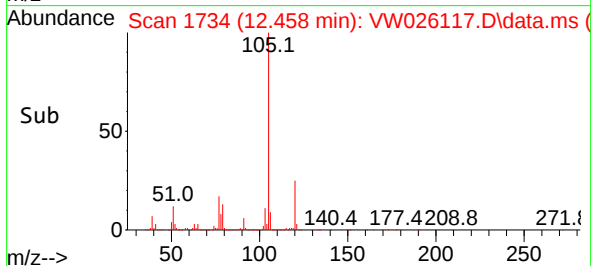
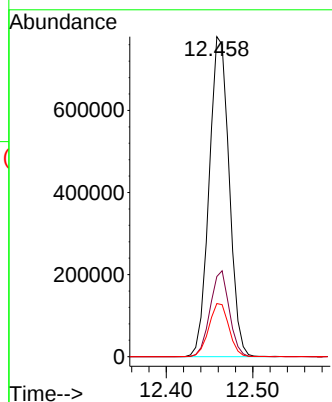
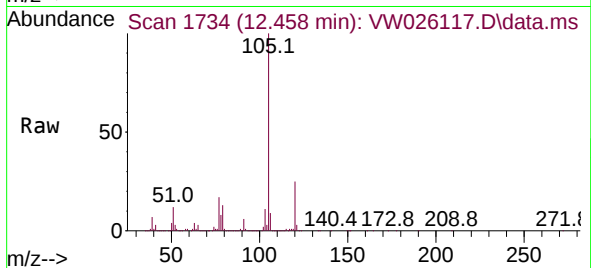
Tgt Ion:105 Resp: 1249106

Ion Ratio Lower Upper

105 100

120 25.7 19.8 29.8

77 16.6 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 22.021 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026117.D

Acq: 06 Jun 2023 19:13

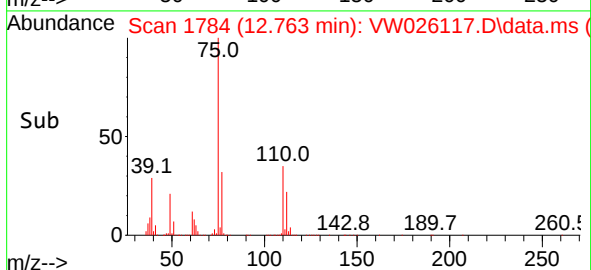
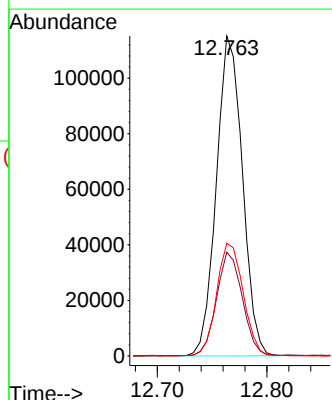
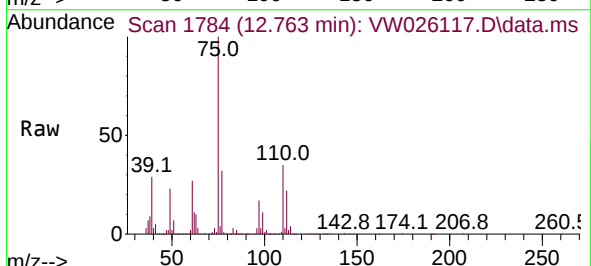
Tgt Ion: 75 Resp: 190348

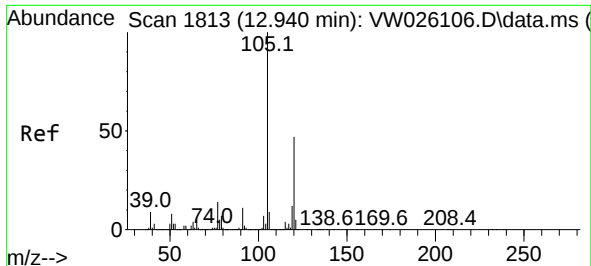
Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8

110 36.0 28.7 43.1





#62

1,3,5-Trimethylbenzene

Concen: 20.877 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026117.D

Acq: 06 Jun 2023 19:13

Instrument :

MSVOA_W

ClientSampleId :

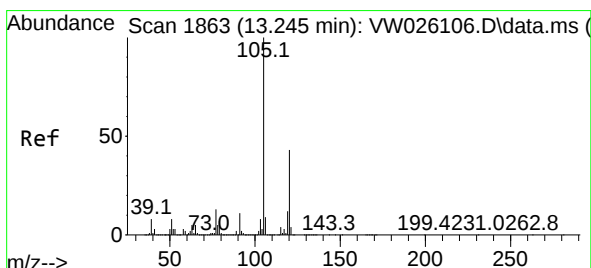
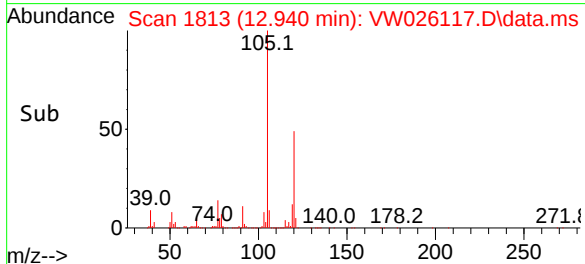
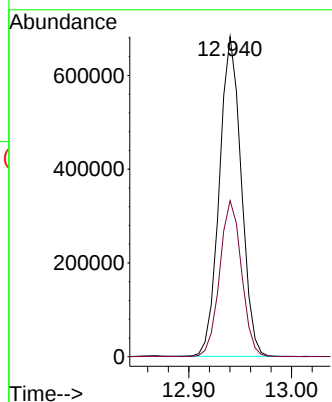
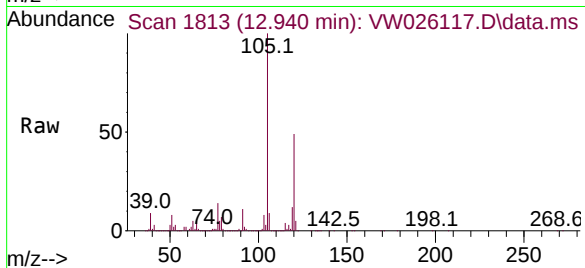
EZEL1MSD

Tgt Ion:105 Resp: 1006103

Ion Ratio Lower Upper

105 100

120 48.7 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 20.830 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026117.D

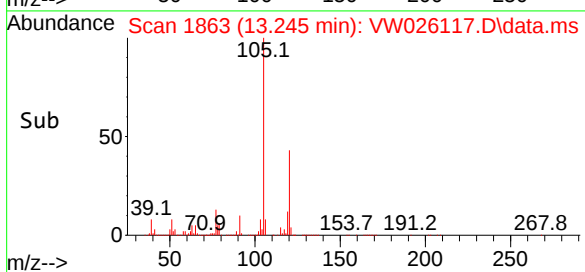
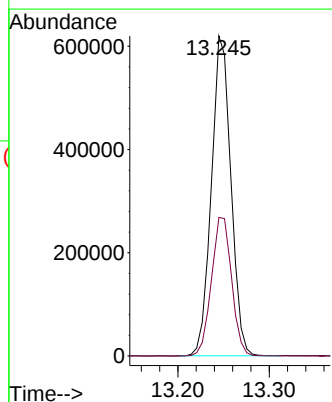
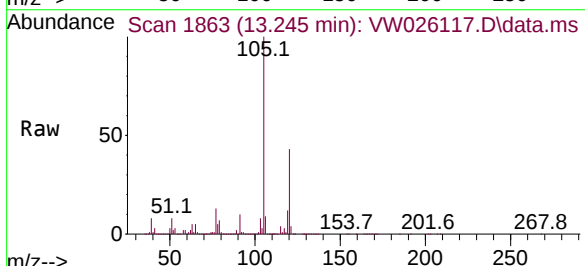
Acq: 06 Jun 2023 19:13

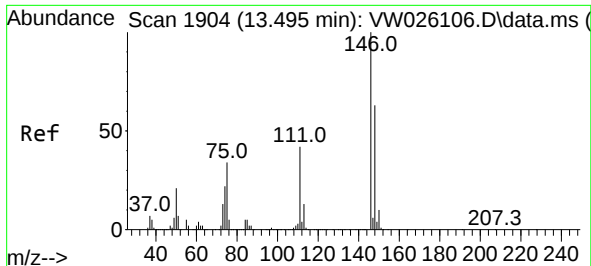
Tgt Ion:105 Resp: 919406

Ion Ratio Lower Upper

105 100

120 44.8 36.2 54.2

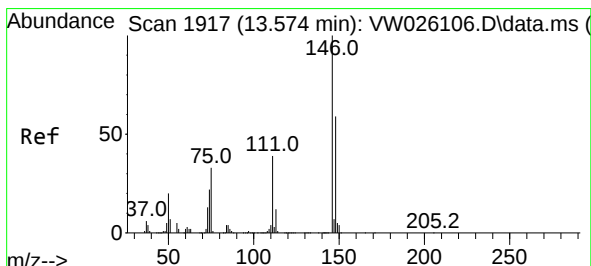
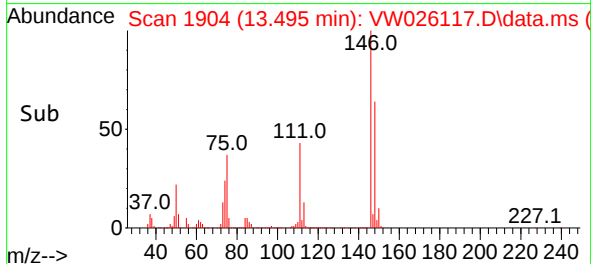
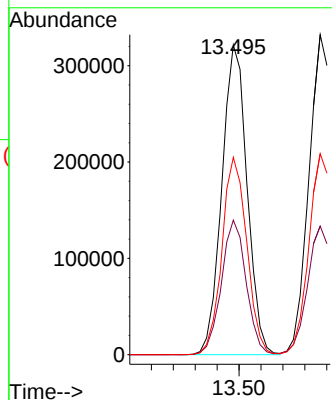
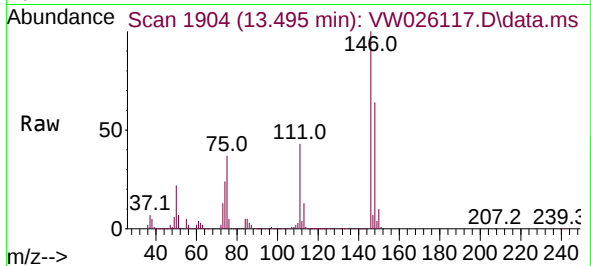




#64
1,3-Dichlorobenzene
Concen: 20.211 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

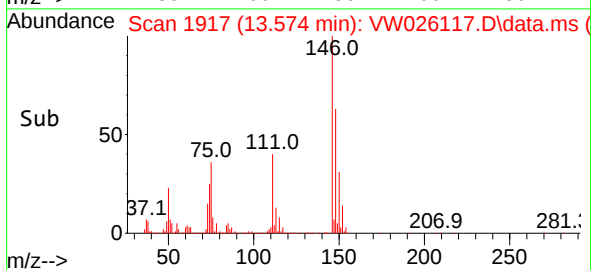
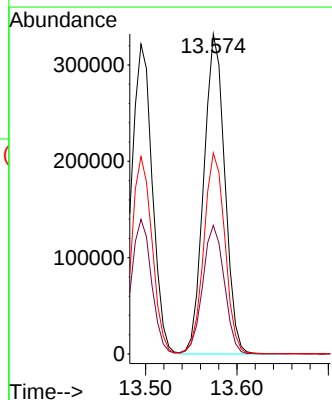
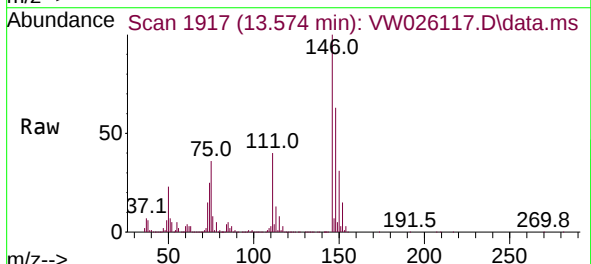
Instrument :
MSVOA_W
ClientSampleId :
EZEL1MSD

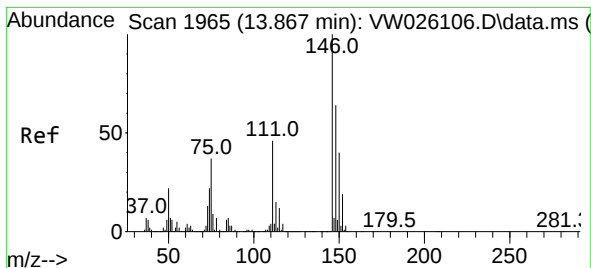
Tgt Ion:146 Resp: 515153
Ion Ratio Lower Upper
146 100
111 43.4 29.7 55.1
148 63.7 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 20.634 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

Tgt Ion:146 Resp: 529512
Ion Ratio Lower Upper
146 100
111 40.2 29.2 54.2
148 62.8 42.8 79.6

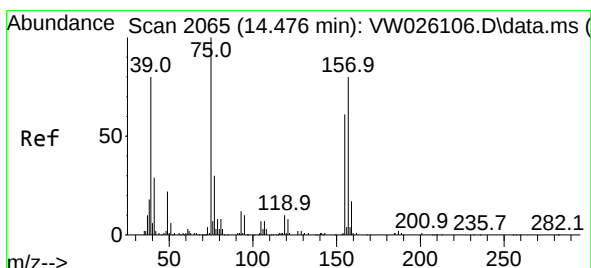
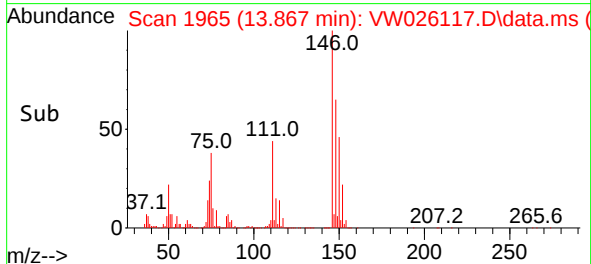
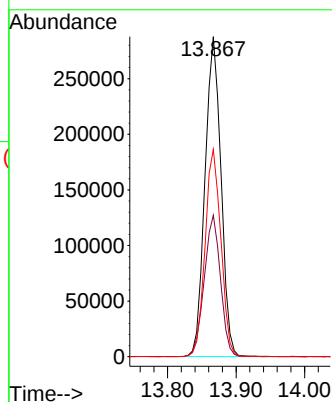
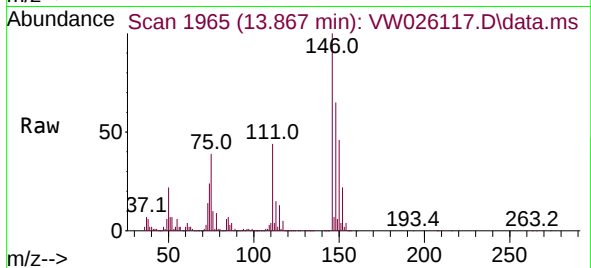




#67
1,2-Dichlorobenzene
Concen: 20.434 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

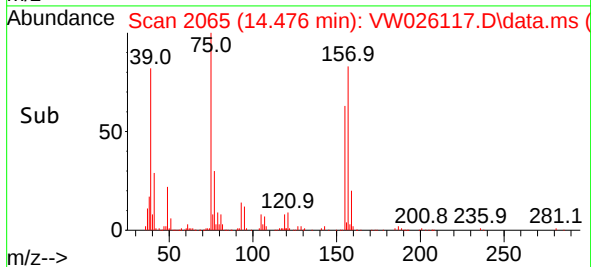
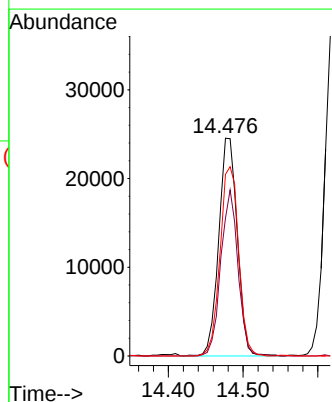
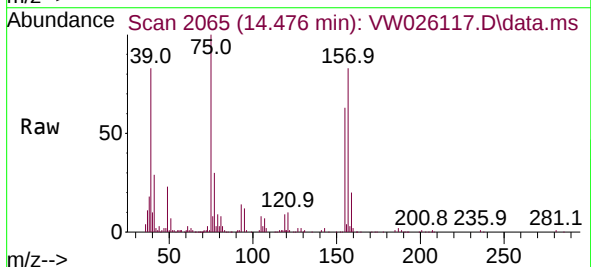
Instrument :
MSVOA_W
ClientSampleId :
EZEL1MSD

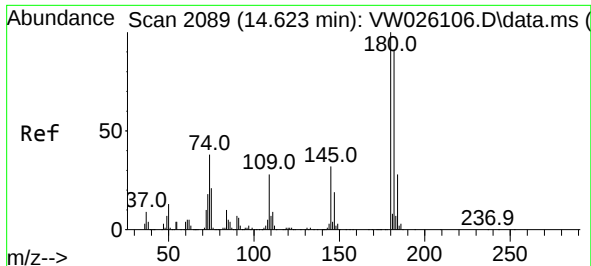
Tgt Ion:146 Resp: 467716
Ion Ratio Lower Upper
146 100
111 44.2 35.4 53.0
148 64.8 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 21.204 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW026117.D
Acq: 06 Jun 2023 19:13

Tgt Ion: 75 Resp: 42465
Ion Ratio Lower Upper
75 100
155 63.4 59.0 88.6
157 83.4 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 18.099 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026117.D

Acq: 06 Jun 2023 19:13

Instrument :

MSVOA_W

ClientSampleId :

EZEL1MSD

Tgt Ion:180 Resp: 316902

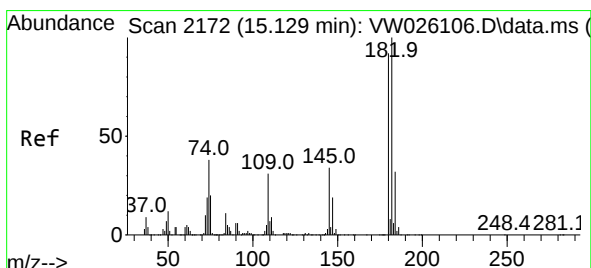
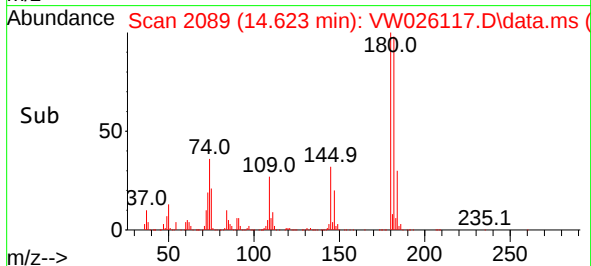
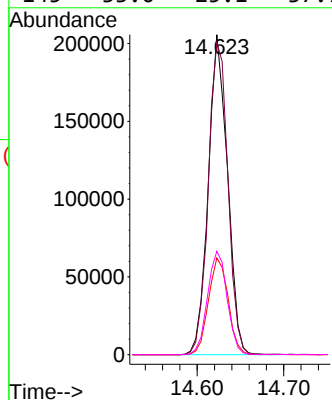
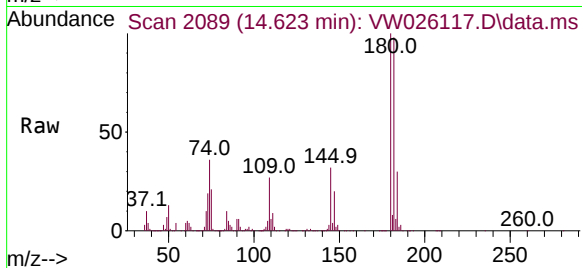
Ion Ratio Lower Upper

180 100

182 99.8 77.0 115.4

184 31.0 23.7 35.5

145 33.0 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 18.580 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026117.D

Acq: 06 Jun 2023 19:13

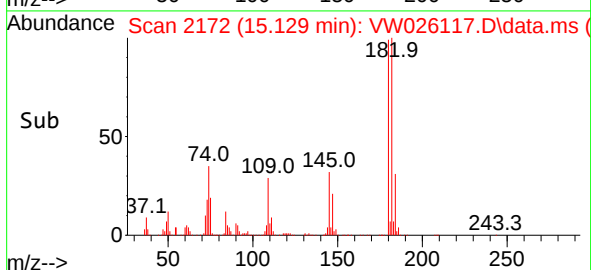
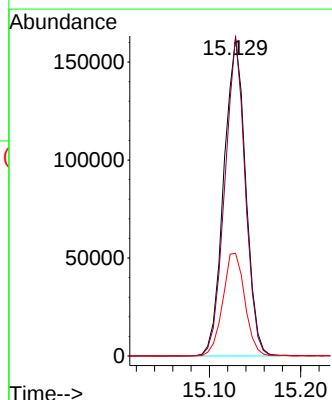
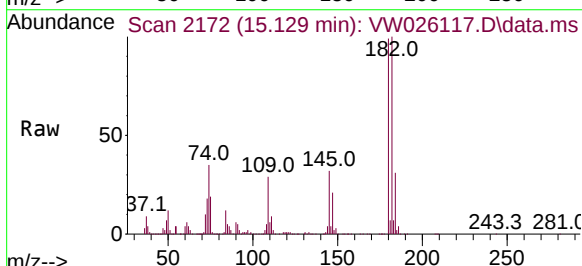
Tgt Ion:180 Resp: 268444

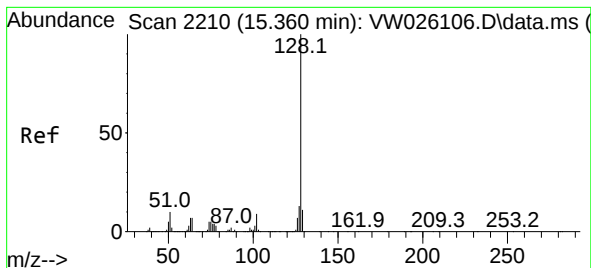
Ion Ratio Lower Upper

180 100

182 94.2 78.9 118.3

145 32.8 27.2 40.8





#71

Naphthalene

Concen: 21.771 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026117.D

Acq: 06 Jun 2023 19:13

Instrument :

MSVOA_W

ClientSampleId :

EZEL1MSD

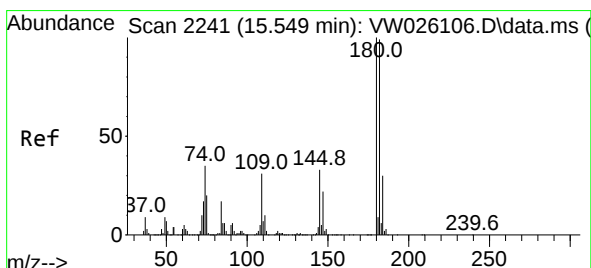
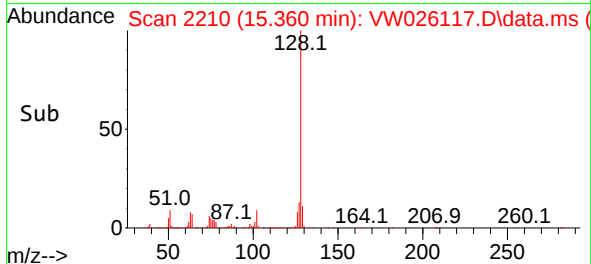
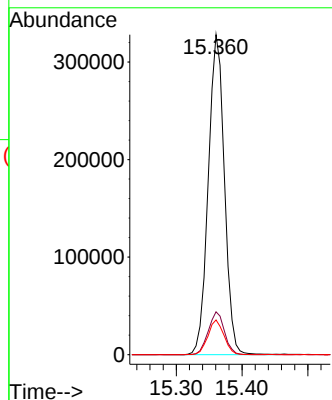
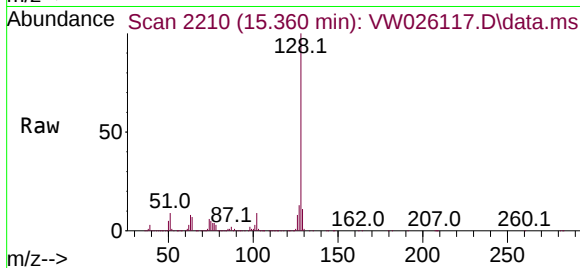
Tgt Ion:128 Resp: 560603

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 19.414 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026117.D

Acq: 06 Jun 2023 19:13

Tgt Ion:180 Resp: 245137

Ion Ratio Lower Upper

180 100

182 94.3 76.3 114.5

145 34.0 27.0 40.6

