

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032123\
 Data File : VW025460.D
 Acq On : 21 Mar 2023 11:53
 Operator : SY/MD
 Sample : 01979-19MSD
 Misc : 5.83g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EYGC8MSD

Quant Time: Mar 22 01:31:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 22 01:30:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	931227	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	833385	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	432755	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	298863	19.302	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.200%
7) Chloroethane-d5	2.899	69	237958	21.359	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.440%
11) 1,1-Dichloroethene-d2	4.027	63	653885	21.865	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.480%
21) 2-Butanone-d5	7.075	46	263980	69.458	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.920%#
24) Chloroform-d	7.648	84	663256	24.706	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.840%
26) 1,2-Dichloroethane-d4	8.307	65	386557	26.827	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.320%
32) Benzene-d6	8.276	84	1321863	23.213	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.840%
36) 1,2-Dichloropropane-d6	9.276	67	440494	25.005	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.000%
41) Toluene-d8	10.325	98	1171025	23.324	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.280%
43) trans-1,3-Dichloroprop...	10.575	79	183199	26.116	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.480%
47) 2-Hexanone-d5	10.922	63	187619	74.064	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.120%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	393924	30.522	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.080%#
66) 1,2-Dichlorobenzene-d4	13.848	152	377357	23.448	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	209308	19.668	ug/L	92
3) Chloromethane	2.222	50	316032	24.969	ug/L	99
5) Vinyl chloride	2.375	62	344255	24.075	ug/L	97
6) Bromomethane	2.789	94	183186	24.028	ug/L	99
8) Chloroethane	2.936	64	200610	24.409	ug/L	97
9) Trichlorofluoromethane	3.265	101	267731	21.632	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	287929	23.989	ug/L	99
12) 1,1-Dichloroethene	4.045	96	277818	23.924	ug/L	90
13) Acetone	4.118	43	353916	96.870	ug/L	99
14) Carbon disulfide	4.393	76	865641	23.975	ug/L	99
15) Methyl Acetate	4.667	43	188341	27.479	ug/L	98
16) Methylene chloride	4.917	84	319874	24.668	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	298459	24.517	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	553027	30.176	ug/L	99
19) 1,1-Dichloroethane	6.216	63	635033	25.191	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	339403	25.465	ug/L	93
22) 2-Butanone	7.167	43	315479	66.751	ug/L	98
23) Bromochloromethane	7.520	128	147858	25.797	ug/L	97
25) Chloroform	7.679	83	597543	25.215	ug/L	100

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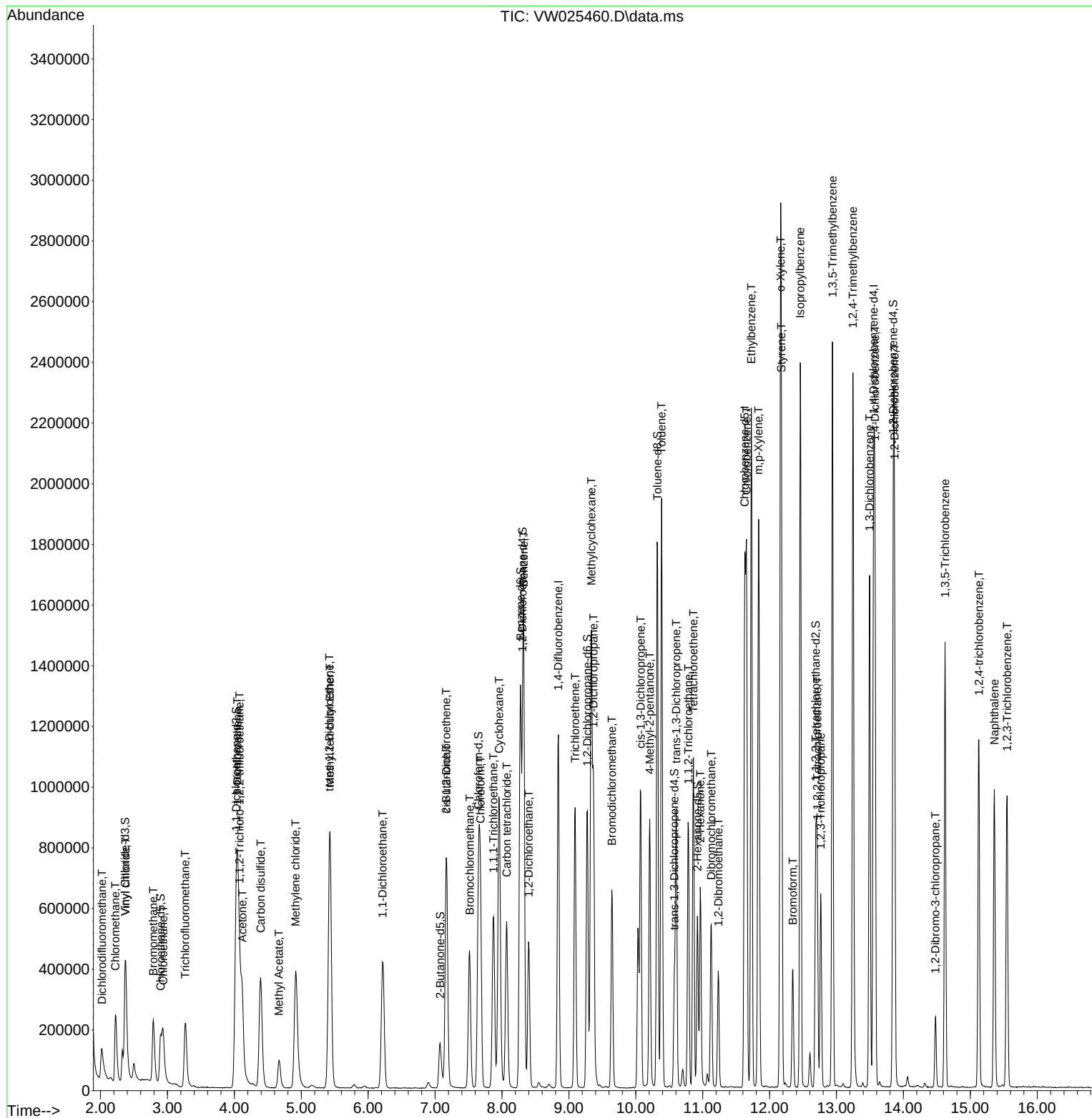
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	437373	27.656	ug/L	99
29) Cyclohexane	7.959	56	588945	25.036	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	459842	23.211	ug/L	100
31) Carbon tetrachloride	8.069	117	411437	23.169	ug/L	99
33) Benzene	8.325	78	1318900	24.753	ug/L	100
34) Trichloroethene	9.093	95	327822	23.442	ug/L	97
35) Methylcyclohexane	9.337	83	580005	24.076	ug/L	99
37) 1,2-Dichloropropane	9.368	63	374756	25.552	ug/L	100
38) Bromodichloromethane	9.642	83	434284	25.390	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	575747	27.249	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	617963	70.103	ug/L	99
42) Toluene	10.386	91	1344955	24.448	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	488232	27.593	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	273891	27.808	ug/L	98
46) Tetrachloroethene	10.861	164	229629	23.077	ug/L	96
48) 2-Hexanone	10.965	43	434707	68.544	ug/L	99
49) Dibromochloromethane	11.129	129	277350	26.354	ug/L	100
50) 1,2-Dibromoethane	11.233	107	258500	28.353	ug/L #	98
51) Chlorobenzene	11.654	112	850256	24.352	ug/L	99
52) Ethylbenzene	11.727	91	1525237	24.309	ug/L	98
53) m,p-Xylene	11.837	106	566282	24.470	ug/L	100
54) o-Xylene	12.166	106	537334	24.675	ug/L	96
55) Styrene	12.178	104	702255	18.884	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.714	83	361578	29.512	ug/L	98
59) Bromoform	12.349	173	167804	26.876	ug/L	97
60) Isopropylbenzene	12.458	105	1497972	23.220	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	263590	27.956	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1228270	24.040	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1232511	24.487	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	611035	22.353	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	643836	22.961	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	571302	23.302	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	61150	28.015	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	400600	21.558	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	347743	22.570	ug/L	100
71) Naphthalene	15.360	128	797464	26.222	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	293823	21.232	ug/L	96

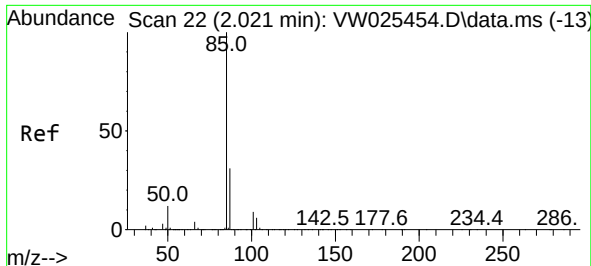
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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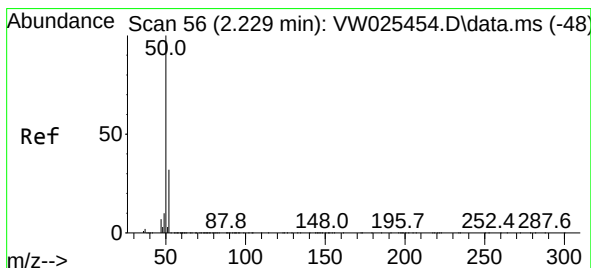
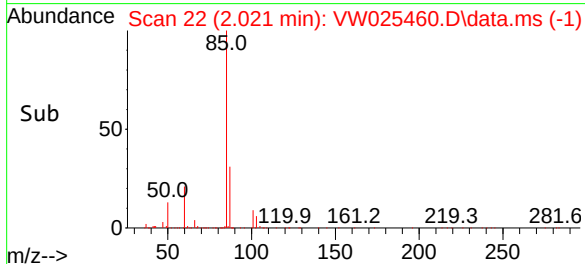
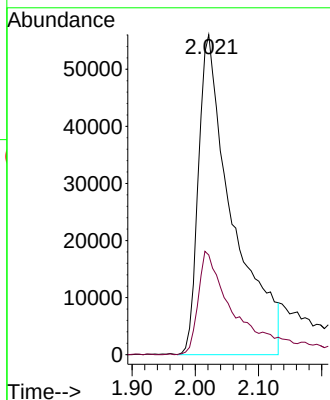
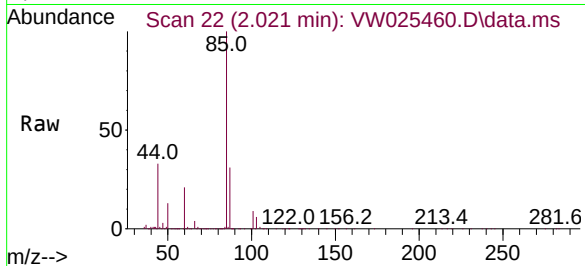




#2
Dichlorodifluoromethane
Concen: 19.668 ug/L
RT: 2.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

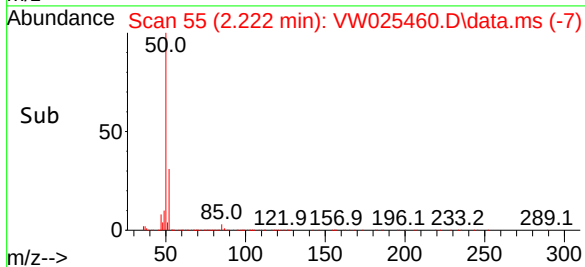
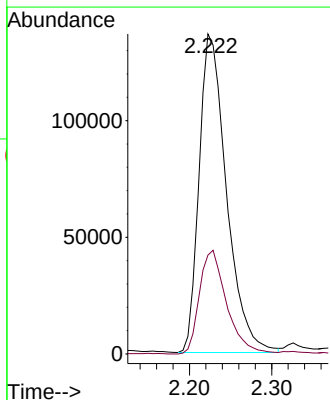
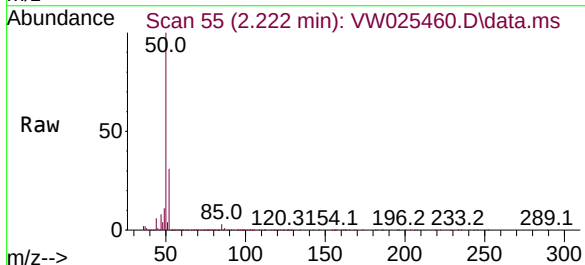
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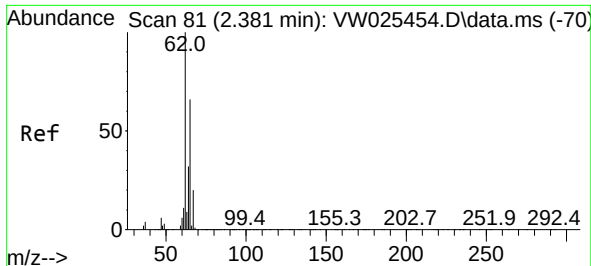
Tgt Ion: 85 Resp: 209308
Ion Ratio Lower Upper
85 100
87 29.5 20.5 30.7



#3
Chloromethane
Concen: 24.969 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

Tgt Ion: 50 Resp: 316032
Ion Ratio Lower Upper
50 100
52 30.9 21.9 40.7

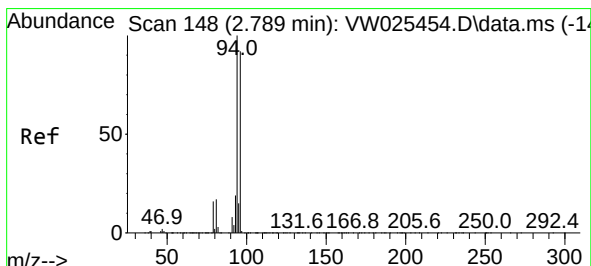
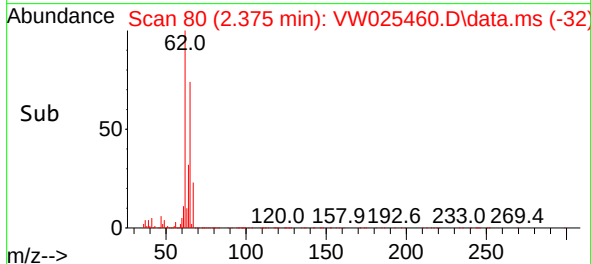
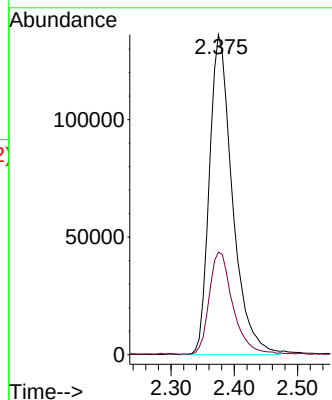
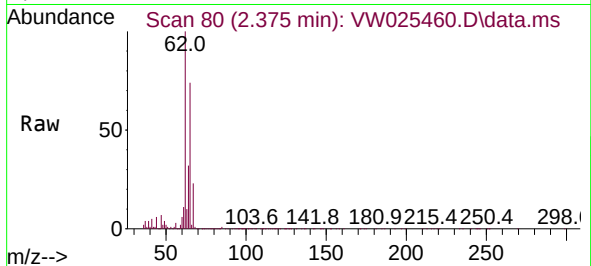




#5
 Vinyl chloride
 Concen: 24.075 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW025460.D
 Acq: 21 Mar 2023 11:53

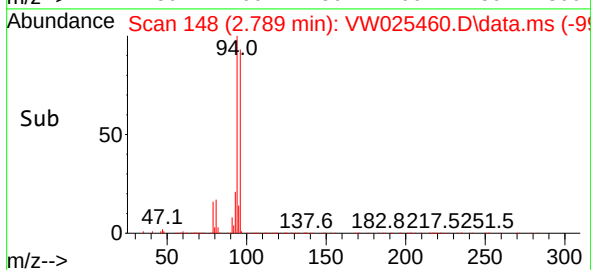
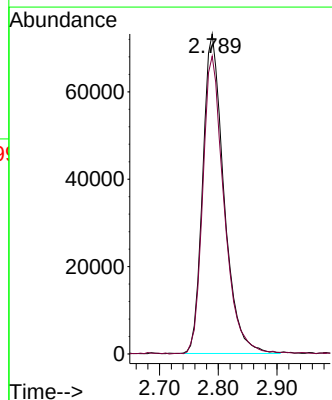
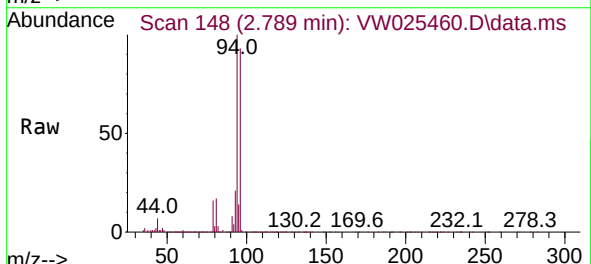
Instrument :
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 ClientSampleId :
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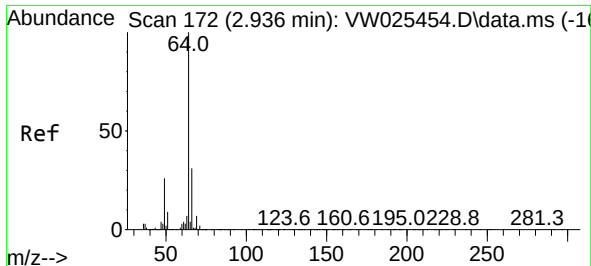
Tgt Ion: 62 Resp: 344255
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.4 43.6



#6
 Bromomethane
 Concen: 24.028 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025460.D
 Acq: 21 Mar 2023 11:53

Tgt Ion: 94 Resp: 183186
 Ion Ratio Lower Upper
 94 100
 96 93.1 64.5 119.9

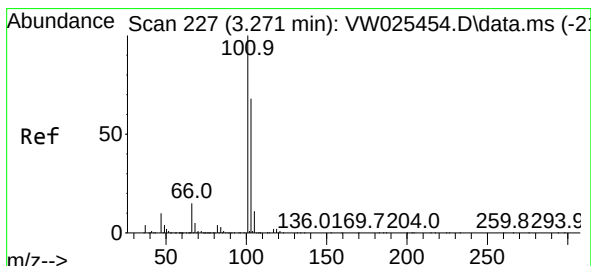
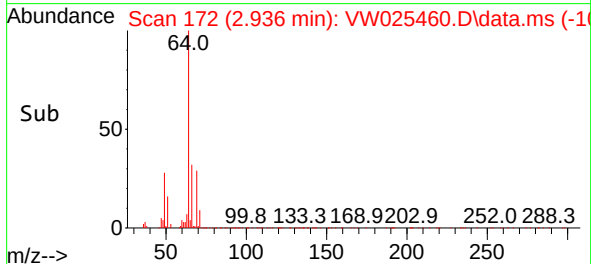
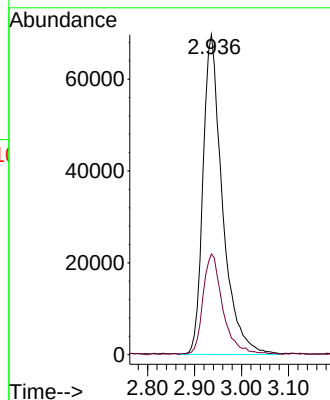
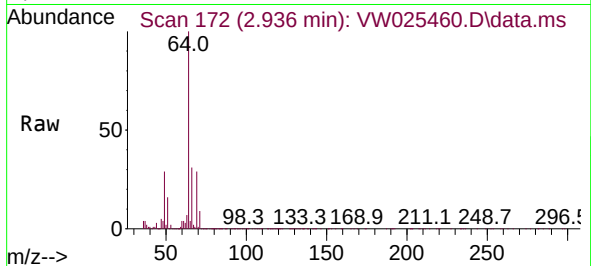




#8
Chloroethane
Concen: 24.409 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

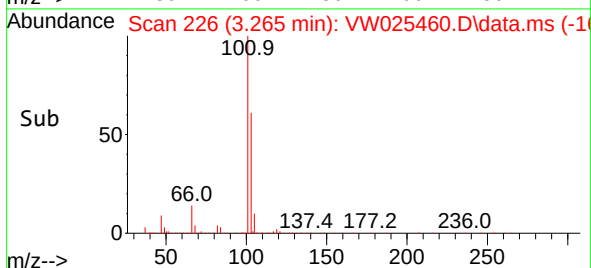
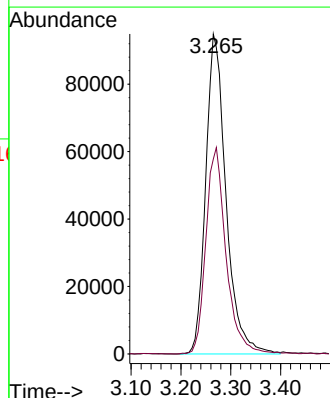
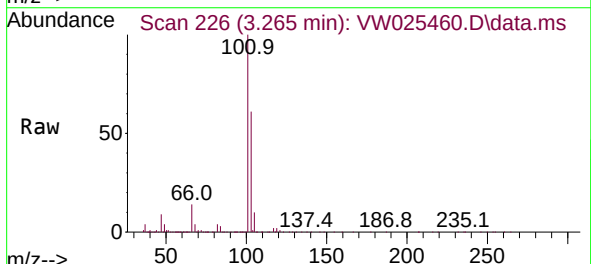
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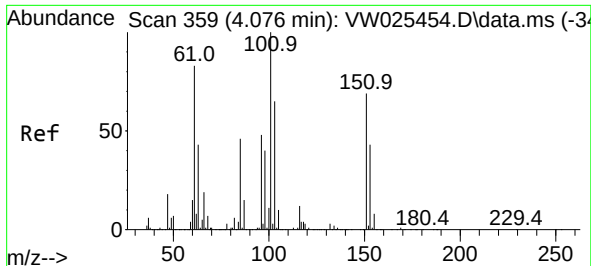
Tgt Ion: 64 Resp: 200610
Ion Ratio Lower Upper
64 100
66 31.5 23.3 43.3



#9
Trichlorofluoromethane
Concen: 21.632 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

Tgt Ion: 101 Resp: 267731
Ion Ratio Lower Upper
101 100
103 64.1 51.5 77.3

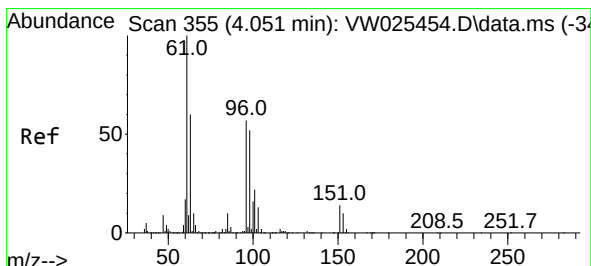
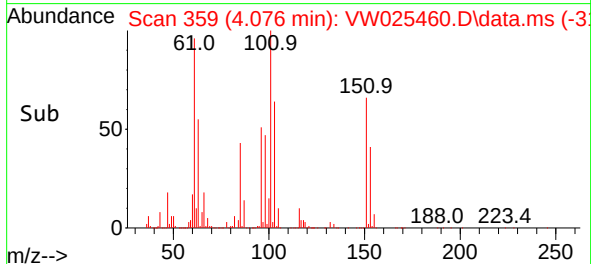
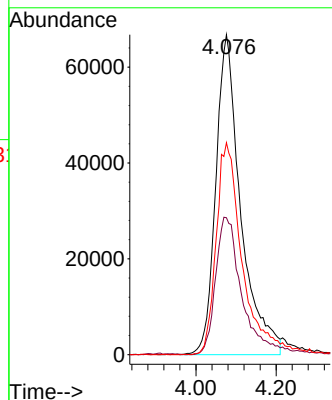
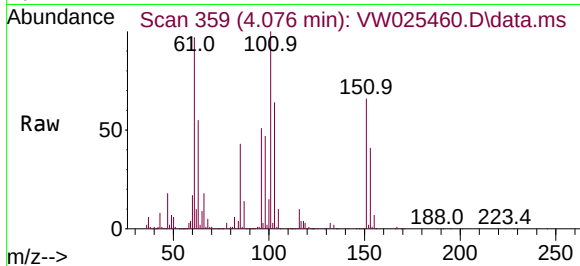




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.989 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW025460.D
 Acq: 21 Mar 2023 11:53

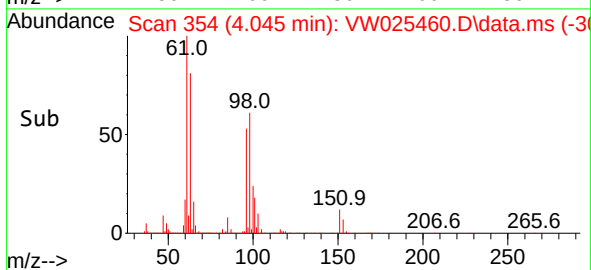
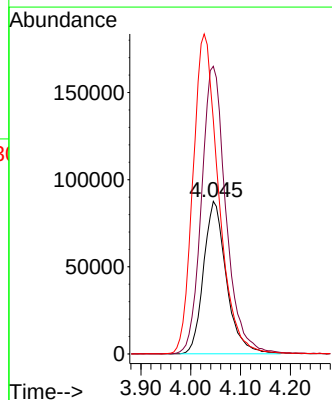
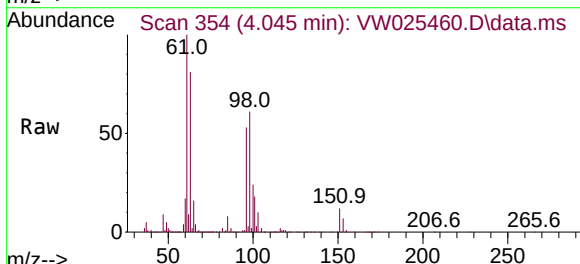
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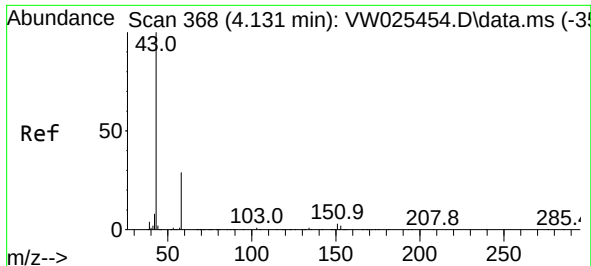
Tgt Ion:101 Resp: 287929
 Ion Ratio Lower Upper
 101 100
 85 45.0 35.8 53.8
 151 68.6 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 23.924 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW025460.D
 Acq: 21 Mar 2023 11:53

Tgt Ion: 96 Resp: 277818
 Ion Ratio Lower Upper
 96 100
 61 188.5 130.7 242.7
 63 153.2 88.3 164.1

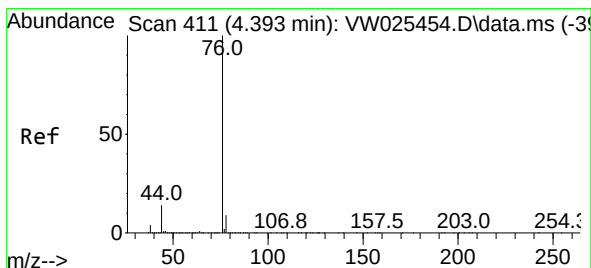
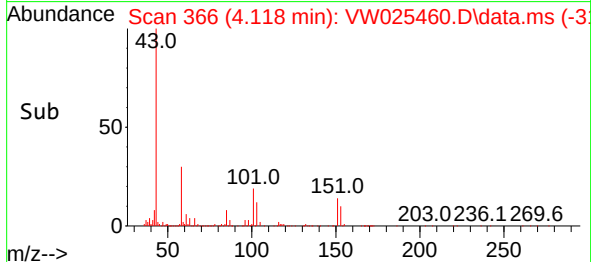
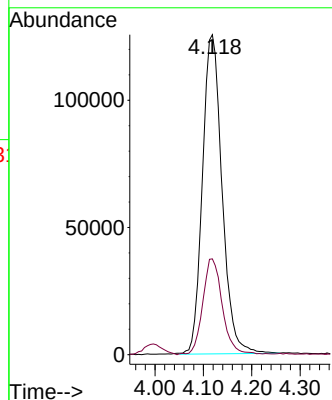
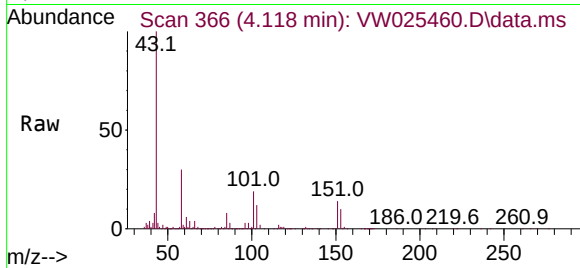




#13
Acetone
Concen: 96.870 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

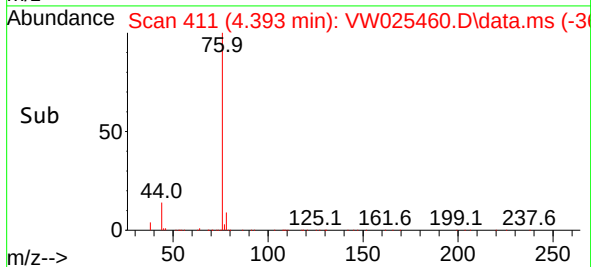
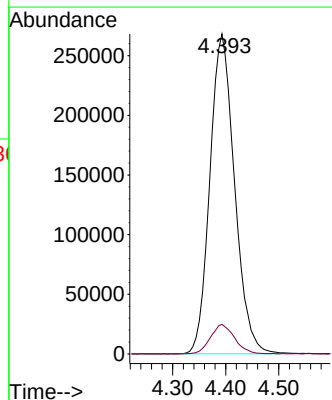
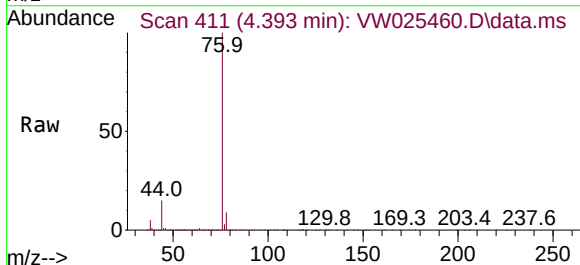
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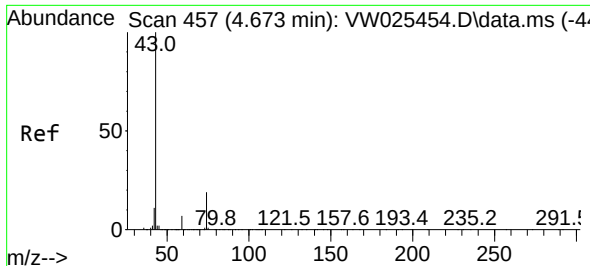
Tgt Ion: 43 Resp: 353916
Ion Ratio Lower Upper
43 100
58 29.5 0.0 60.0



#14
Carbon disulfide
Concen: 23.975 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 865641
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

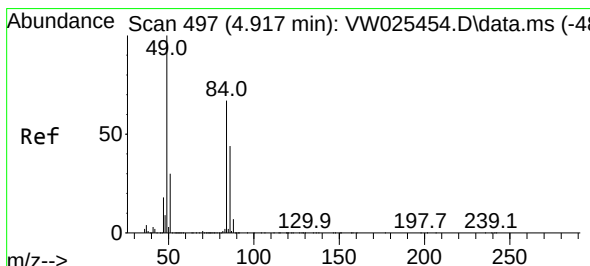
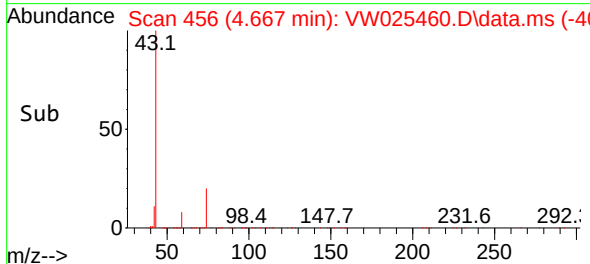
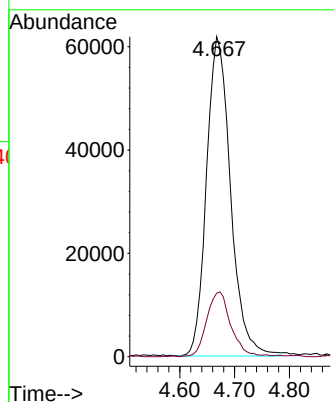
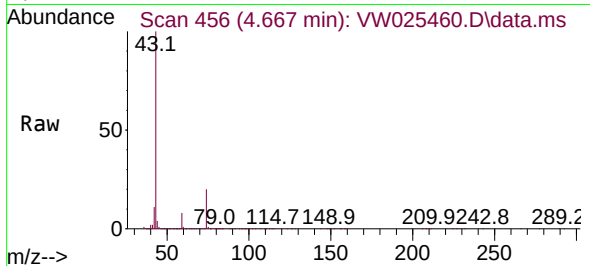




#15
Methyl Acetate
Concen: 27.479 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

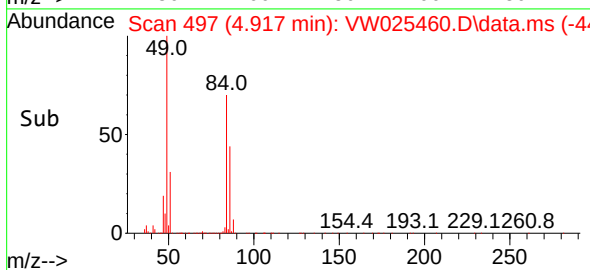
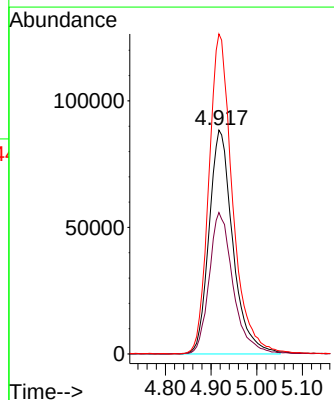
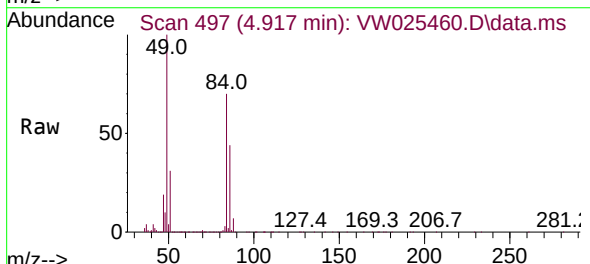
Instrument :
MSVOA_W
ClientSampleId :
EYGC8MSD

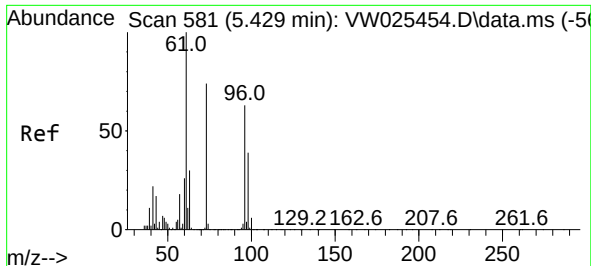
Tgt Ion: 43 Resp: 188341
Ion Ratio Lower Upper
43 100
74 20.2 17.0 25.4



#16
Methylene chloride
Concen: 24.668 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

Tgt Ion: 84 Resp: 319874
Ion Ratio Lower Upper
84 100
86 63.2 45.1 83.7
49 143.0 94.7 175.9

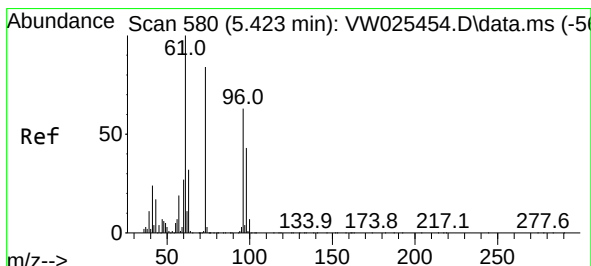
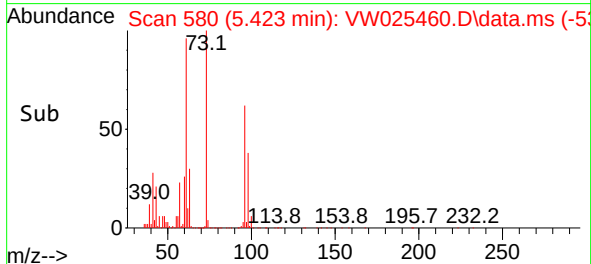
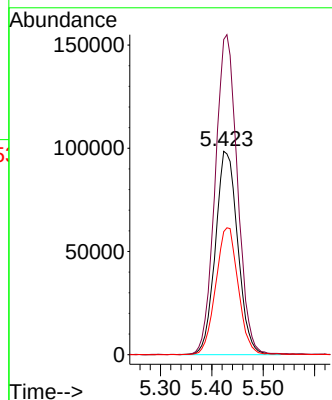
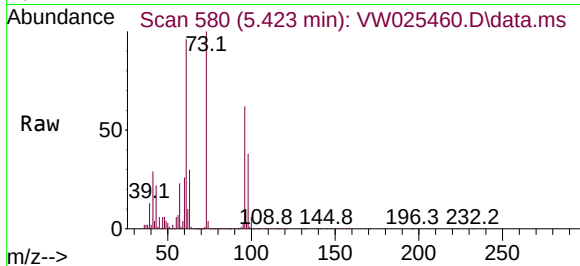




#17
trans-1,2-Dichloroethene
Concen: 24.517 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

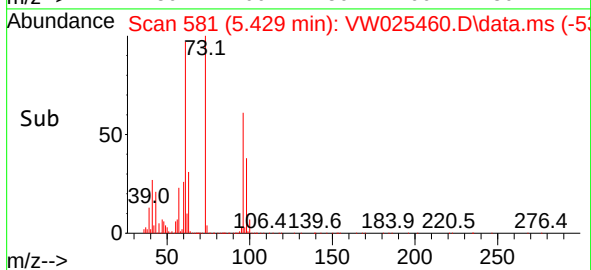
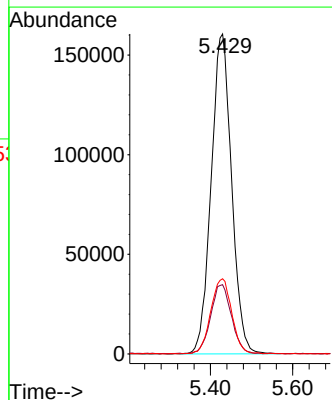
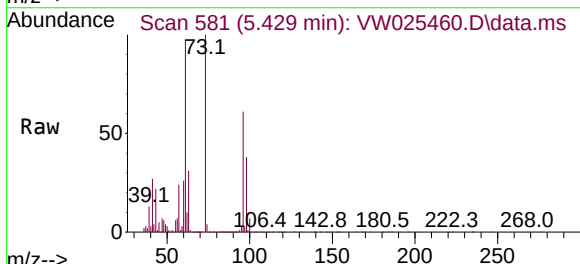
Instrument :
MSVOA_W
ClientSampleId :
EYGC8MSD

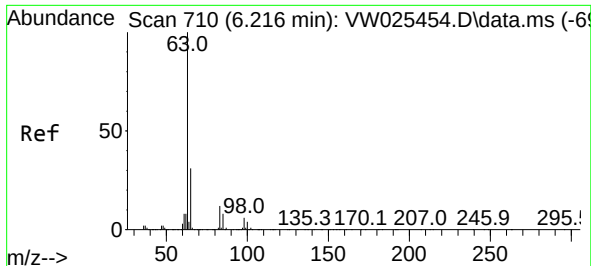
Tgt Ion: 96 Resp: 298459
Ion Ratio Lower Upper
96 100
61 155.0 103.0 191.4
98 60.5 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 30.176 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

Tgt Ion: 73 Resp: 553027
Ion Ratio Lower Upper
73 100
43 21.8 17.6 26.4
57 23.9 18.6 28.0





#19

1,1-Dichloroethane

Concen: 25.191 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW025460.D

Acq: 21 Mar 2023 11:53

Instrument :

MSVOA_W

ClientSampleId :

EYGC8MSD

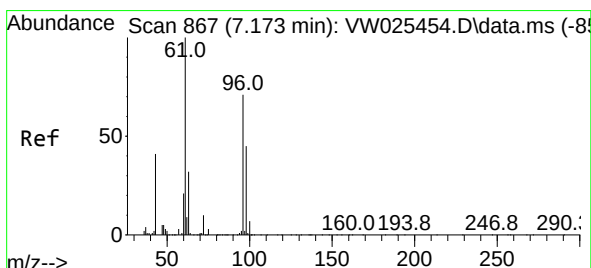
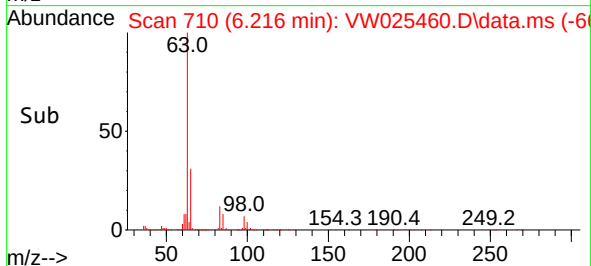
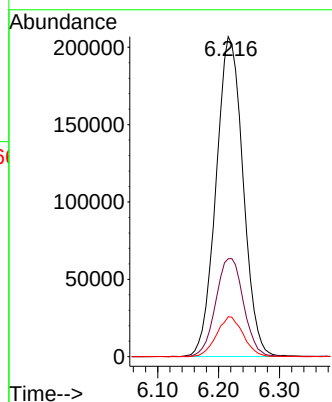
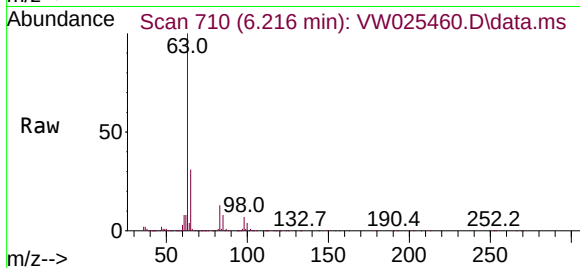
Tgt Ion: 63 Resp: 635033

Ion Ratio Lower Upper

63 100

65 30.6 21.7 40.3

83 12.5 8.4 15.6



#20

cis-1,2-Dichloroethene

Concen: 25.465 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW025460.D

Acq: 21 Mar 2023 11:53

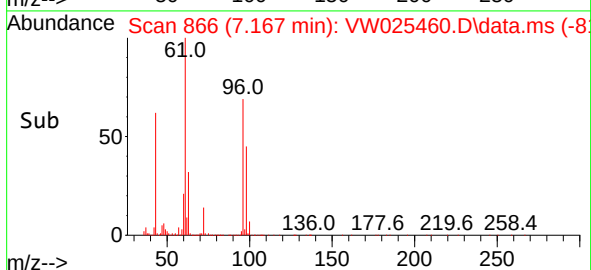
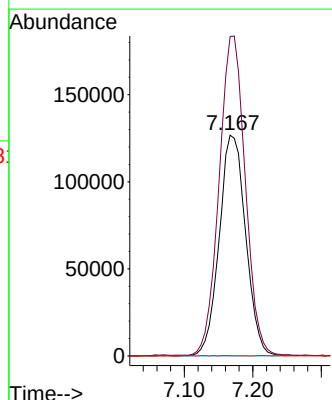
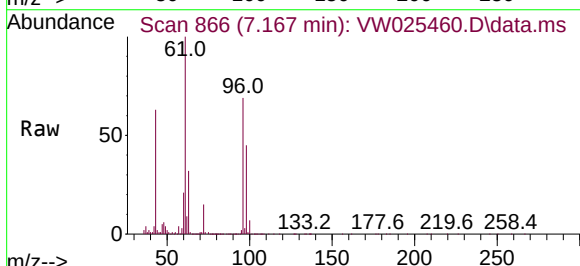
Tgt Ion: 96 Resp: 339403

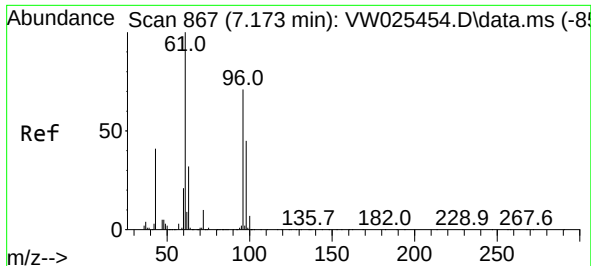
Ion Ratio Lower Upper

96 100

61 144.6 95.5 177.4

68 0.1 0.1 0.1

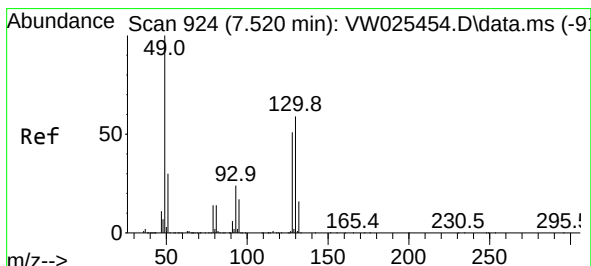
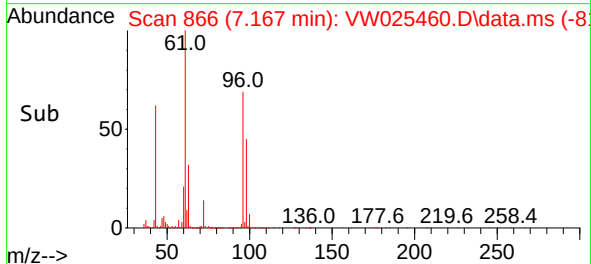
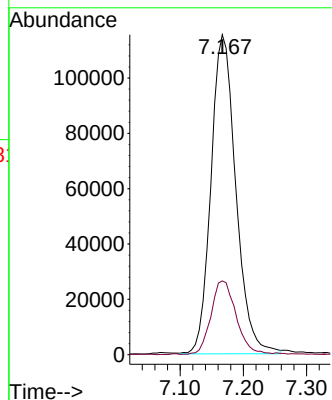
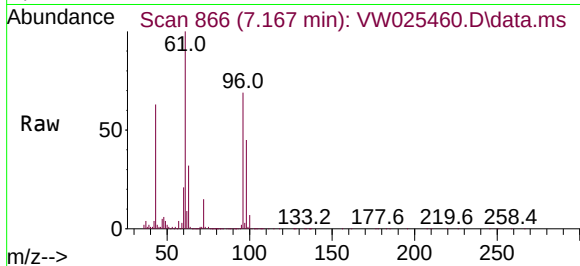




#22
2-Butanone
Concen: 66.751 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

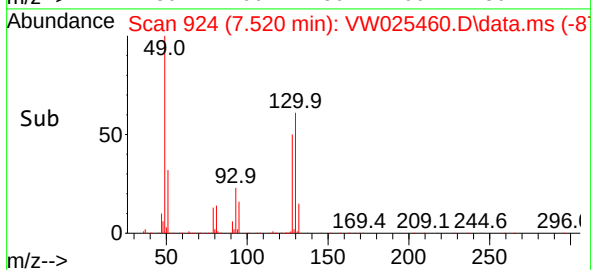
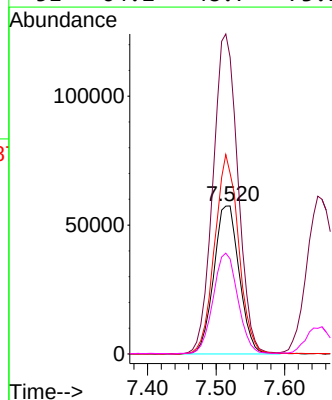
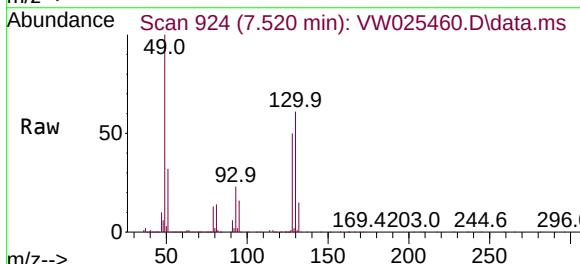
Instrument :
MSVOA_W
ClientSampleId :
EYGC8MSD

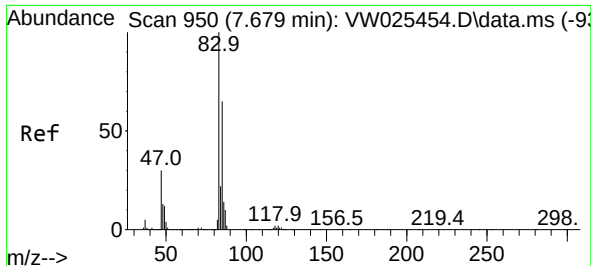
Tgt Ion: 43 Resp: 315479
Ion Ratio Lower Upper
43 100
72 23.0 12.0 36.1



#23
Bromochloromethane
Concen: 25.797 ug/L
RT: 7.520 min Scan# 924
Delta R.T. -0.000 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

Tgt Ion: 128 Resp: 147858
Ion Ratio Lower Upper
128 100
49 200.3 140.6 261.0
130 122.0 80.8 150.0
51 64.2 48.7 73.1

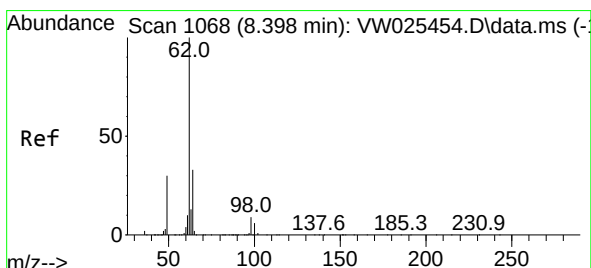
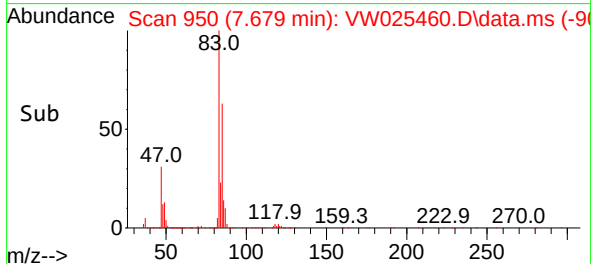
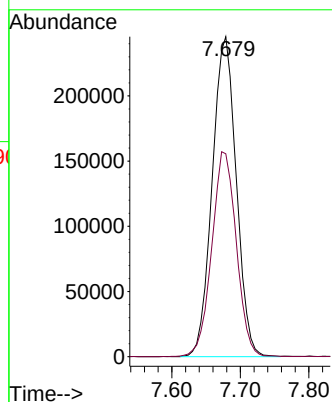
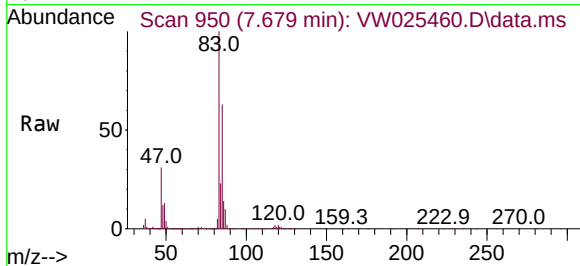




#25
Chloroform
Concen: 25.215 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

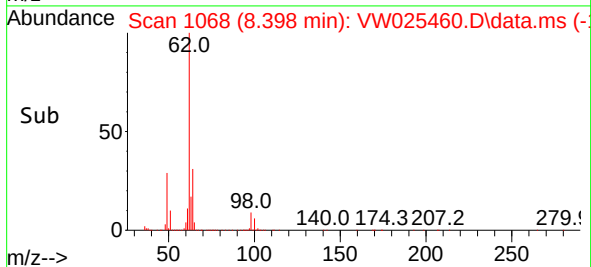
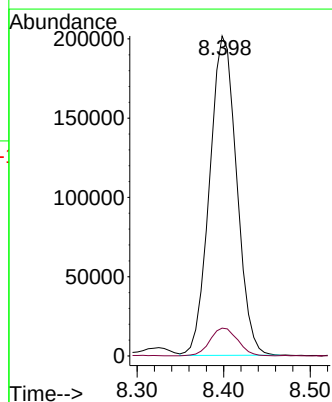
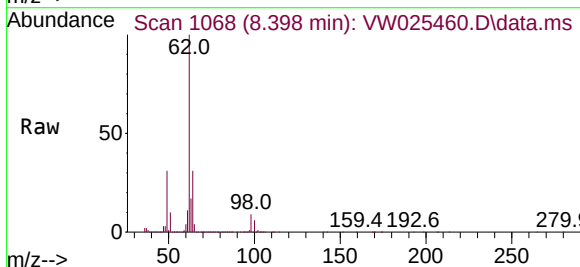
Instrument :
MSVOA_W
ClientSampleId :
EYGC8MSD

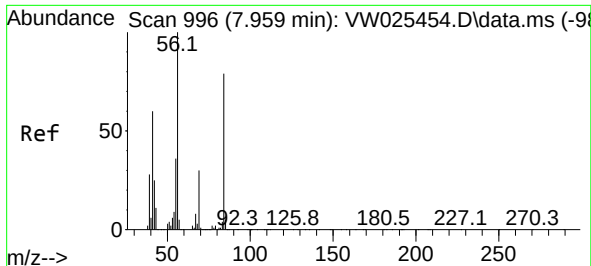
Tgt Ion: 83 Resp: 597543
Ion Ratio Lower Upper
83 100
85 63.4 44.7 82.9



#27
1,2-Dichloroethane
Concen: 27.656 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

Tgt Ion: 62 Resp: 437373
Ion Ratio Lower Upper
62 100
98 8.7 7.2 10.8

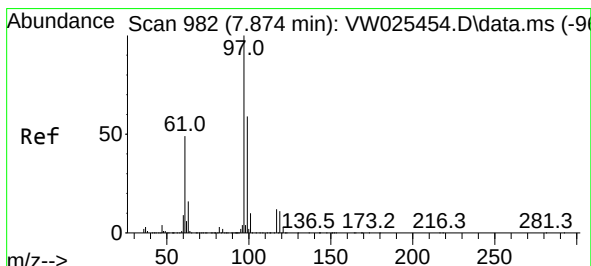
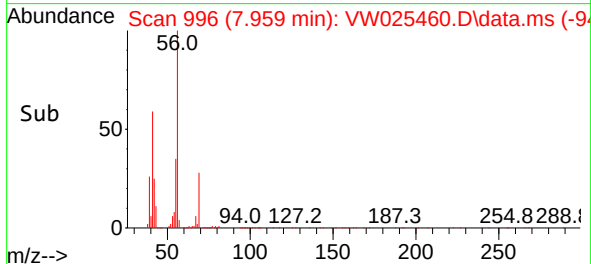
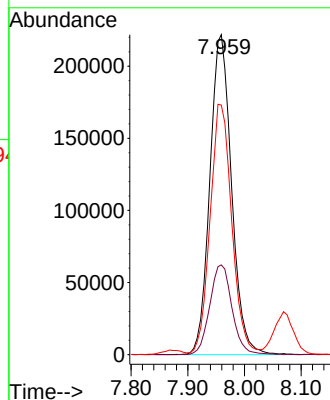
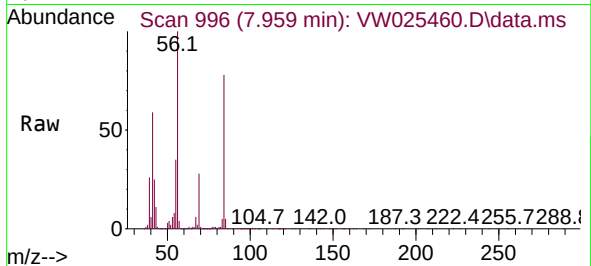




#29
Cyclohexane
Concen: 25.036 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

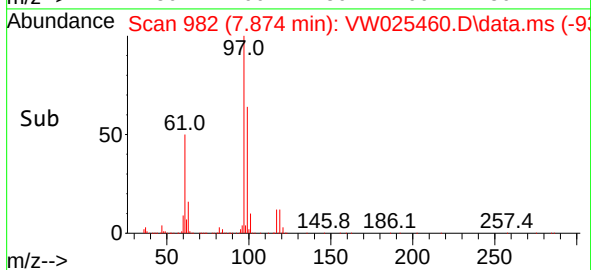
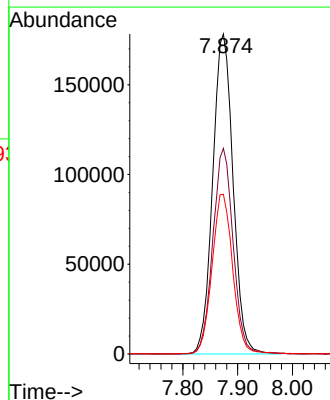
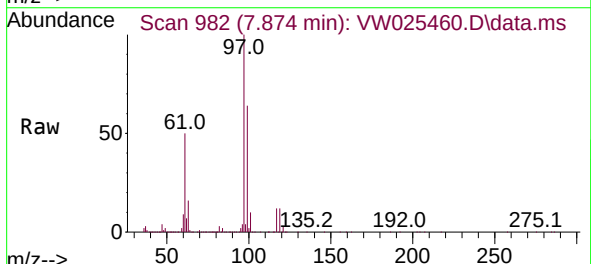
Instrument :
MSVOA_W
ClientSampleId :
EYGC8MSD

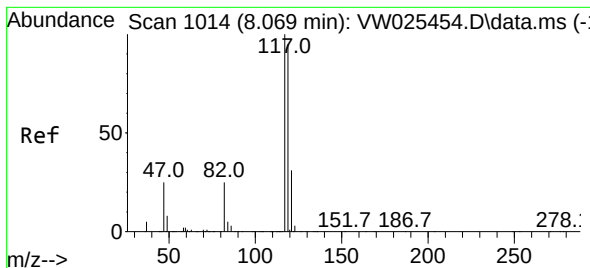
Tgt Ion: 56 Resp: 588945
Ion Ratio Lower Upper
56 100
69 28.8 23.1 34.7
84 78.3 63.9 95.9



#30
1,1,1-Trichloroethane
Concen: 23.211 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

Tgt Ion: 97 Resp: 459842
Ion Ratio Lower Upper
97 100
99 63.9 50.9 76.3
61 50.1 39.8 59.6





#31

Carbon tetrachloride

Concen: 23.169 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW025460.D

Acq: 21 Mar 2023 11:53

Instrument :

MSVOA_W

ClientSampleId :

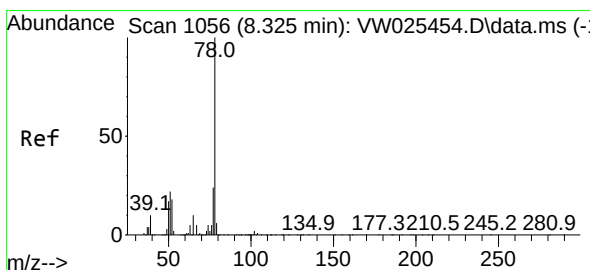
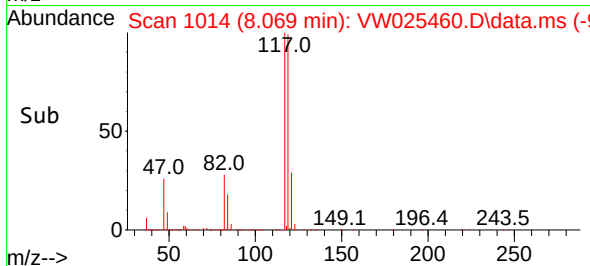
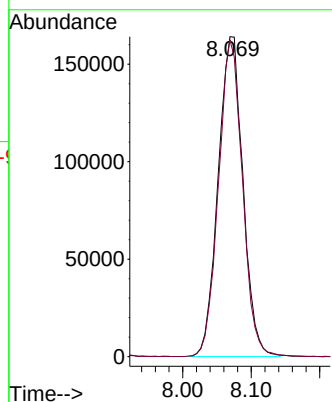
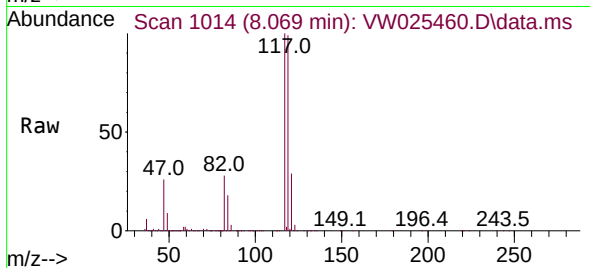
EYGC8MSD

Tgt Ion:117 Resp: 411437

Ion Ratio Lower Upper

117 100

119 95.7 75.8 113.6



#33

Benzene

Concen: 24.753 ug/L

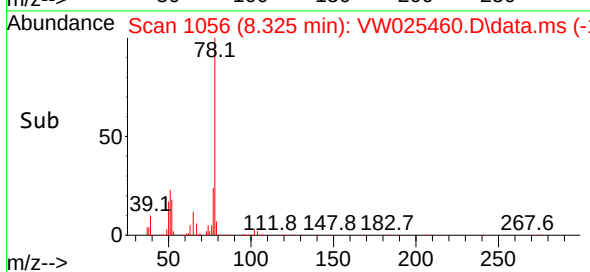
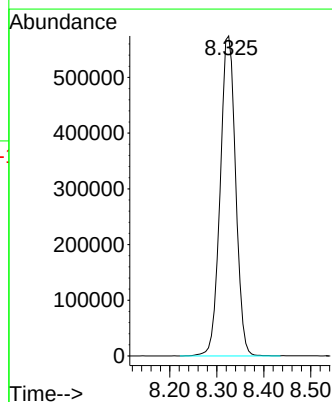
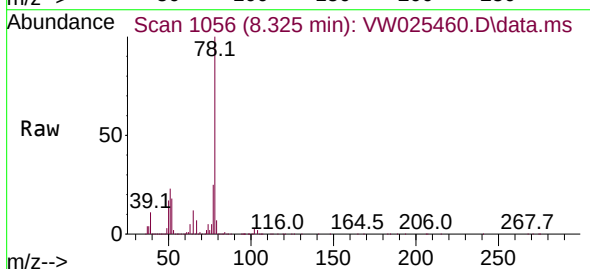
RT: 8.325 min Scan# 1056

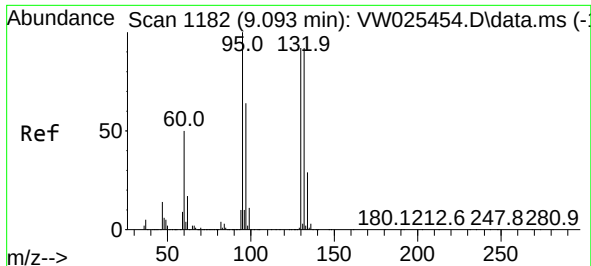
Delta R.T. -0.000 min

Lab File: VW025460.D

Acq: 21 Mar 2023 11:53

Tgt Ion: 78 Resp: 1318900



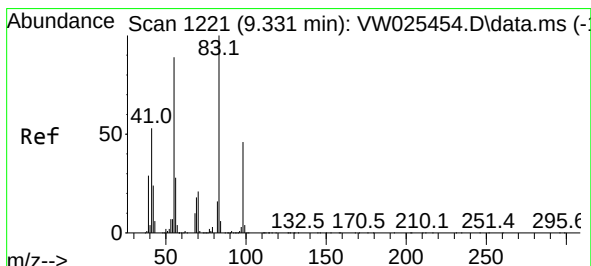
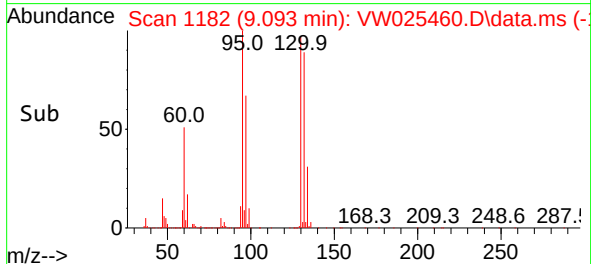
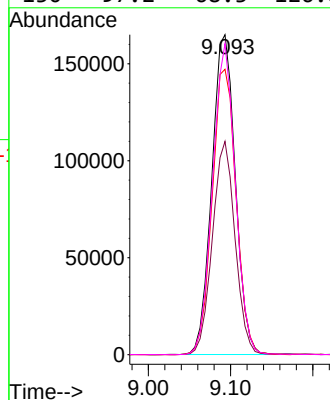
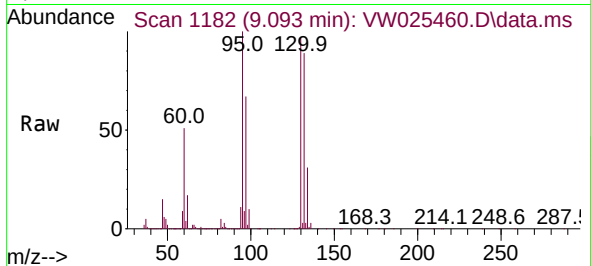


#34
Trichloroethene
Concen: 23.442 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

Instrument :
MSVOA_W
ClientSampleId :
EYGC8MSD

Tgt Ion: 95 Resp: 327822

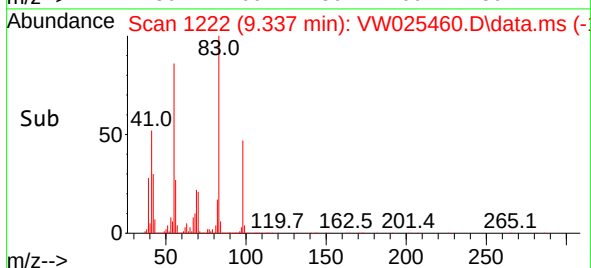
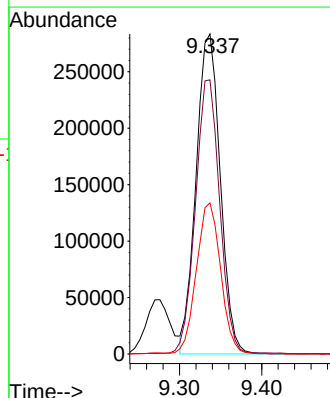
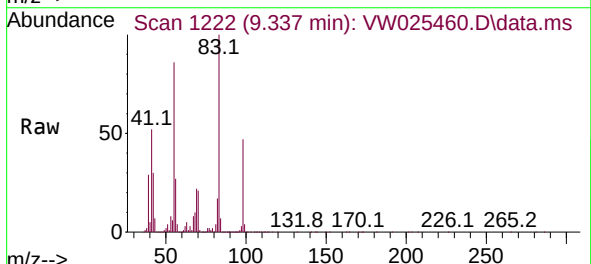
Ion	Ratio	Lower	Upper
95	100		
97	66.7	43.8	81.4
132	89.2	65.9	122.3
130	97.2	68.3	126.8

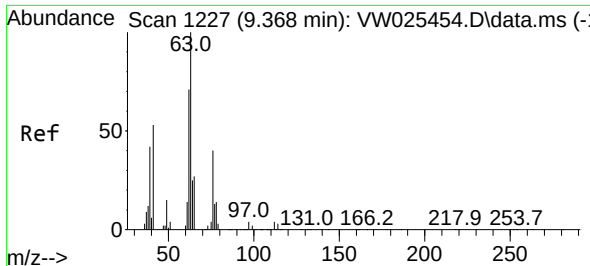


#35
Methylcyclohexane
Concen: 24.076 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

Tgt Ion: 83 Resp: 580005

Ion	Ratio	Lower	Upper
83	100		
55	85.5	68.2	102.4
98	47.4	39.0	58.4

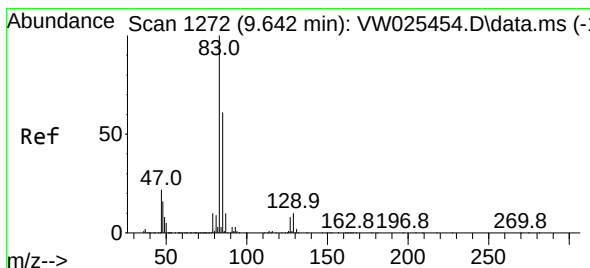
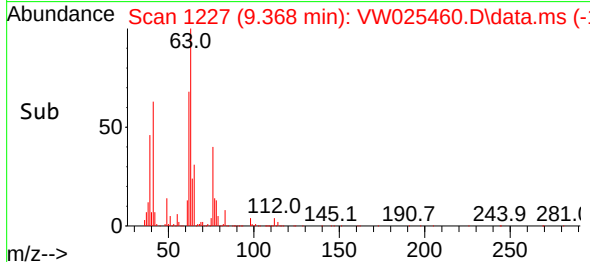
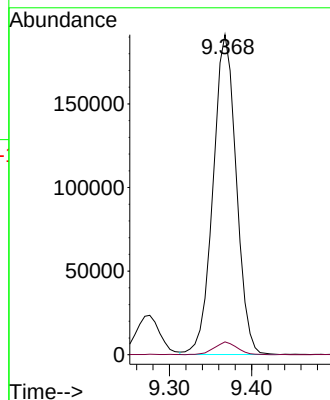
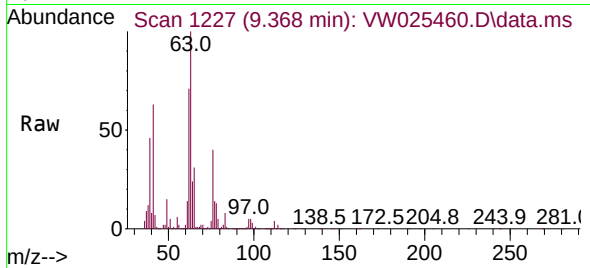




#37
1,2-Dichloropropane
Concen: 25.552 ug/L
RT: 9.368 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

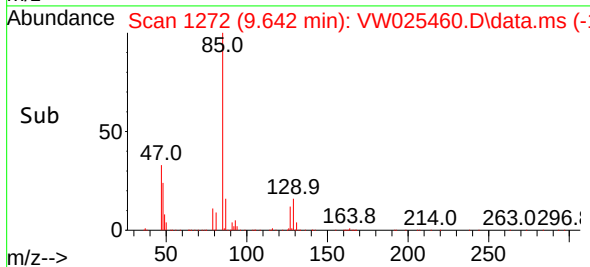
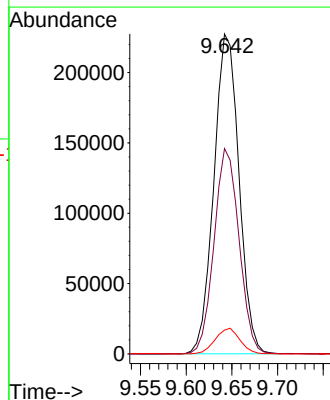
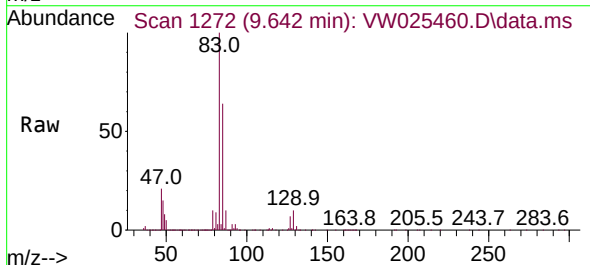
Instrument :
MSVOA_W
ClientSampleId :
EYGC8MSD

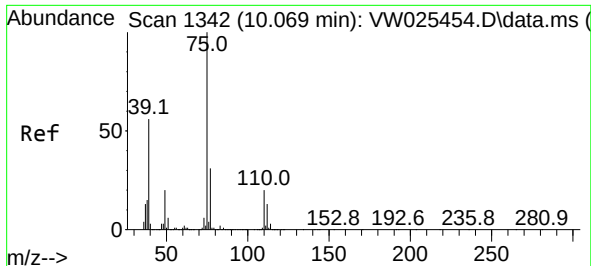
Tgt Ion: 63 Resp: 374756
Ion Ratio Lower Upper
63 100
112 3.9 3.2 4.8



#38
Bromodichloromethane
Concen: 25.390 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

Tgt Ion: 83 Resp: 434284
Ion Ratio Lower Upper
83 100
85 64.2 44.7 83.1
127 7.4 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 27.249 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW025460.D

Acq: 21 Mar 2023 11:53

Instrument :

MSVOA_W

ClientSampleId :

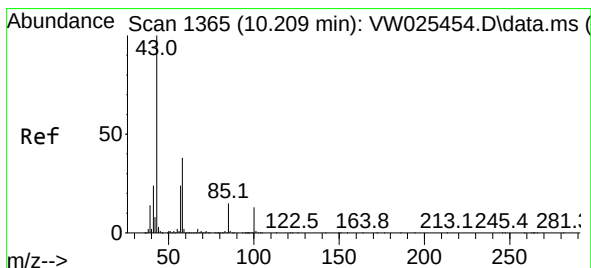
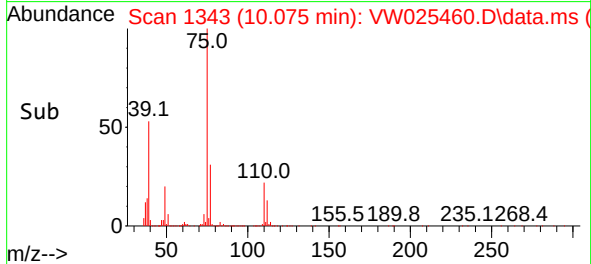
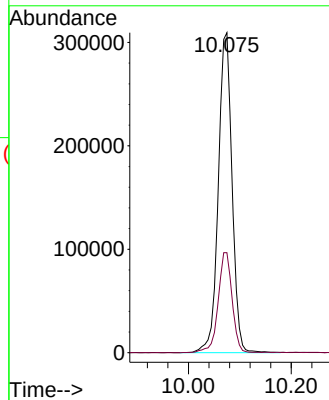
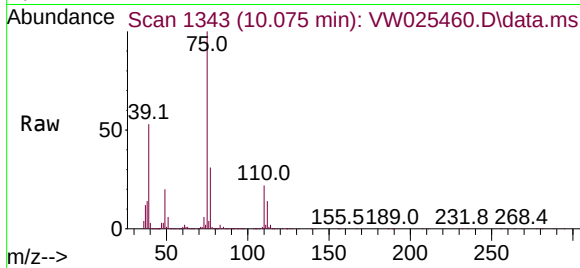
EYGC8MSD

Tgt Ion: 75 Resp: 575747

Ion Ratio Lower Upper

75 100

77 31.2 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 70.103 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025460.D

Acq: 21 Mar 2023 11:53

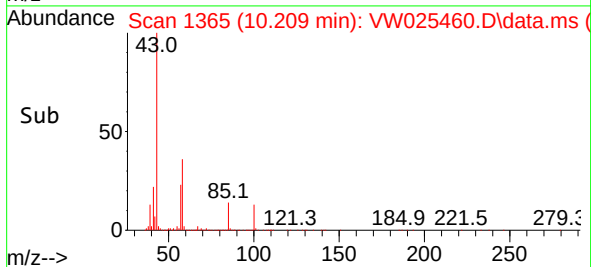
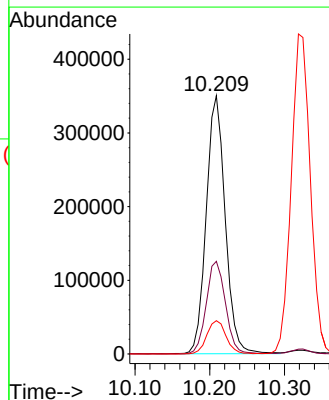
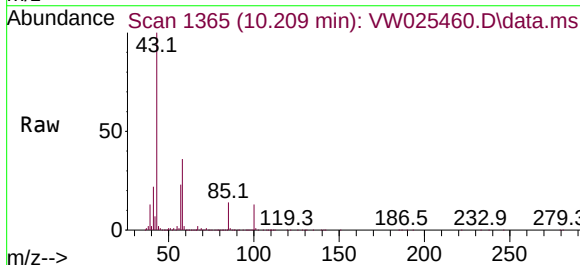
Tgt Ion: 43 Resp: 617963

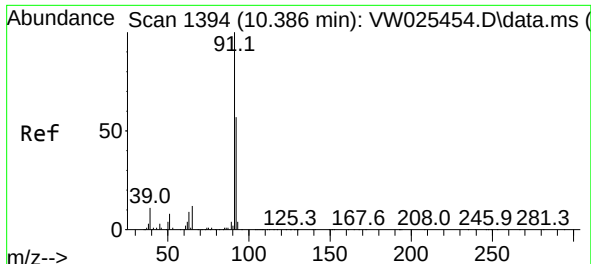
Ion Ratio Lower Upper

43 100

58 36.4 29.6 44.4

100 13.2 10.6 16.0

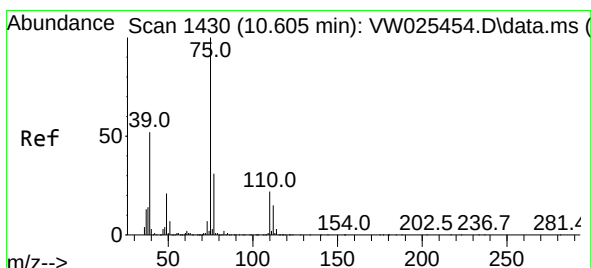
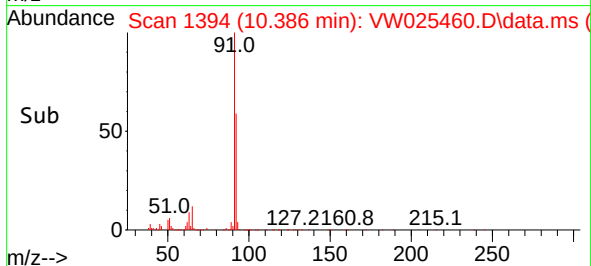
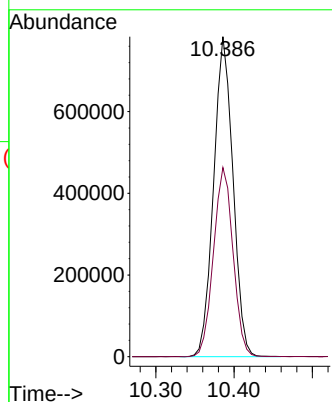
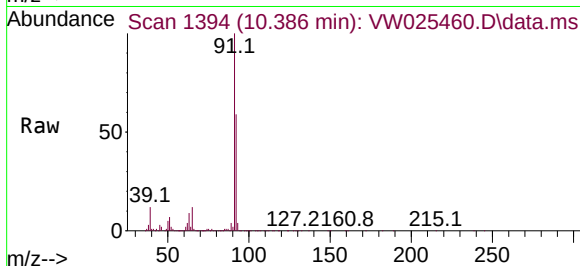




#42
Toluene
Concen: 24.448 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

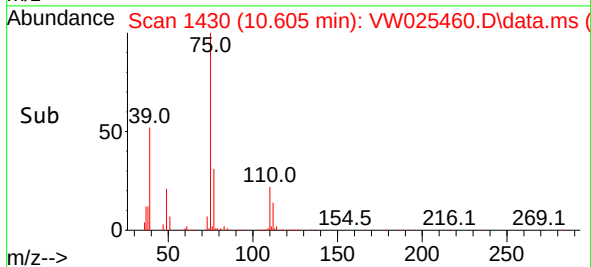
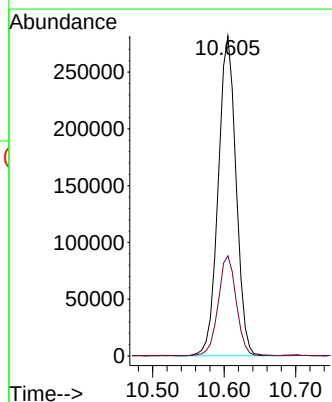
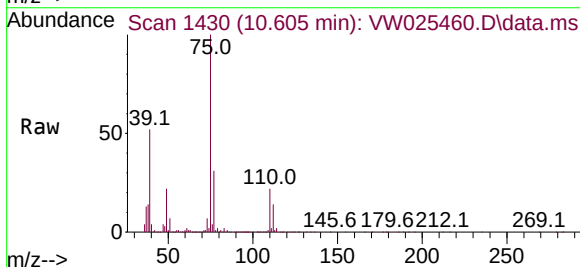
Instrument :
MSVOA_W
ClientSampleId :
EYGC8MSD

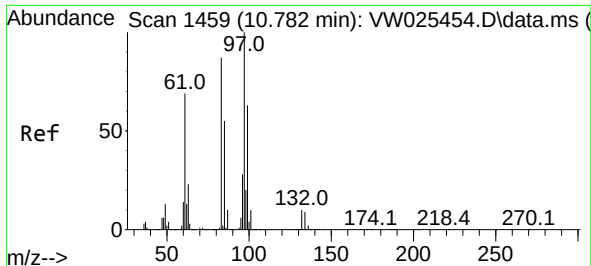
Tgt Ion: 91 Resp: 1344955
Ion Ratio Lower Upper
91 100
92 59.1 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 27.593 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

Tgt Ion: 75 Resp: 488232
Ion Ratio Lower Upper
75 100
77 31.3 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 27.808 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW025460.D

Acq: 21 Mar 2023 11:53

Instrument :

MSVOA_W

ClientSampleId :

EYGC8MSD

Tgt Ion: 97 Resp: 273891

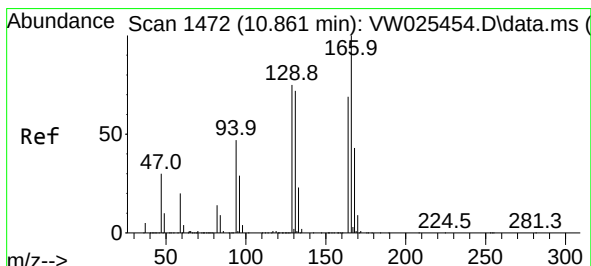
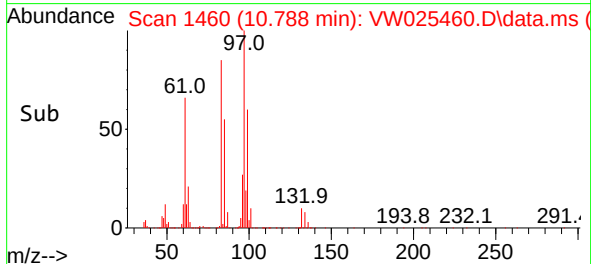
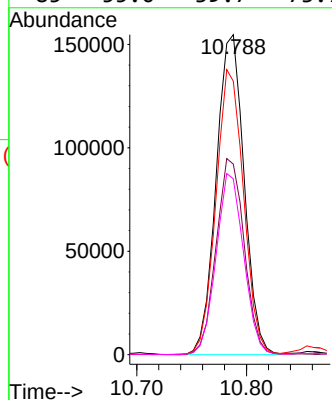
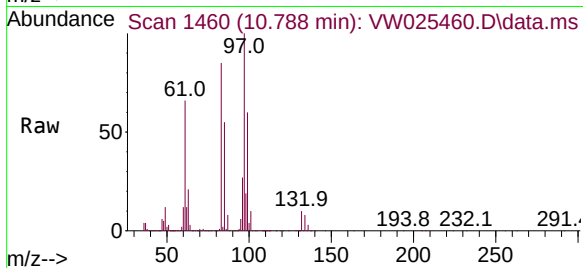
Ion Ratio Lower Upper

97 100

99 59.6 42.6 79.0

83 85.4 60.5 112.3

85 55.0 39.7 73.7



#46

Tetrachloroethene

Concen: 23.077 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW025460.D

Acq: 21 Mar 2023 11:53

Tgt Ion:164 Resp: 229629

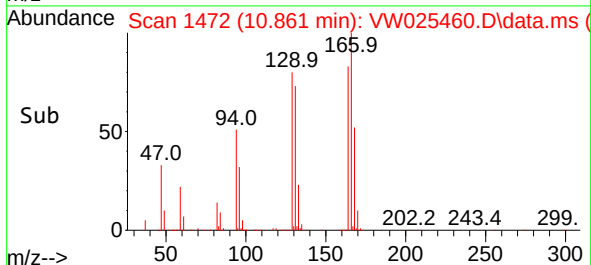
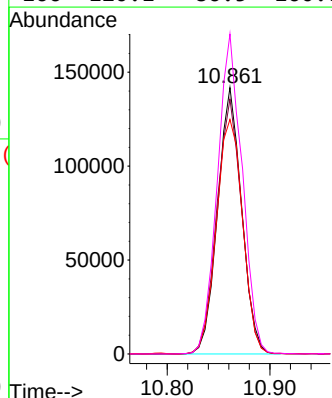
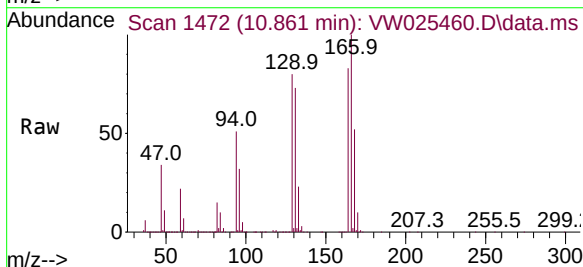
Ion Ratio Lower Upper

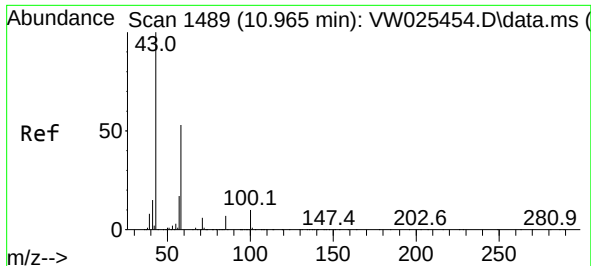
164 100

129 95.7 67.7 125.7

131 88.1 67.0 124.4

166 120.1 86.5 160.7

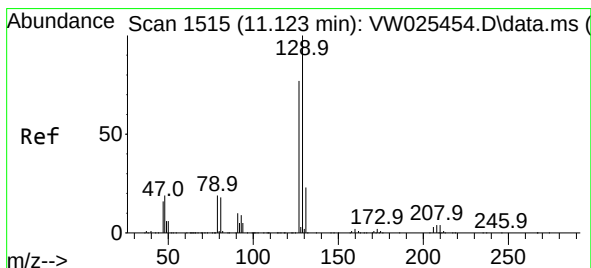
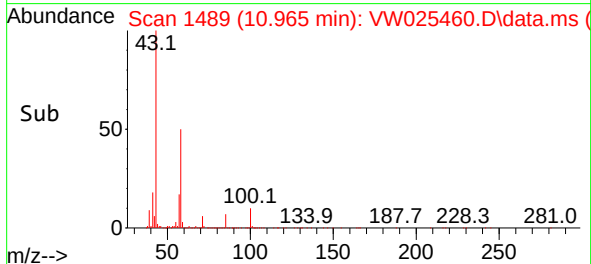
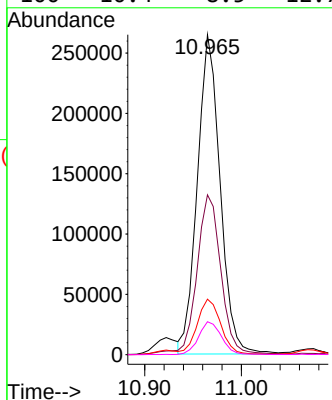
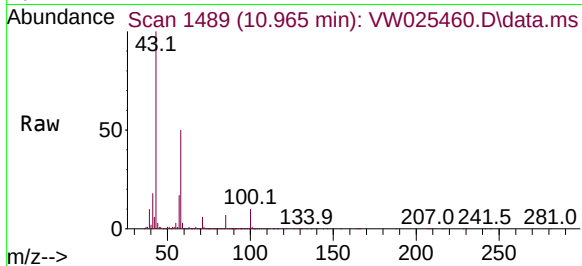




#48
2-Hexanone
Concen: 68.544 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

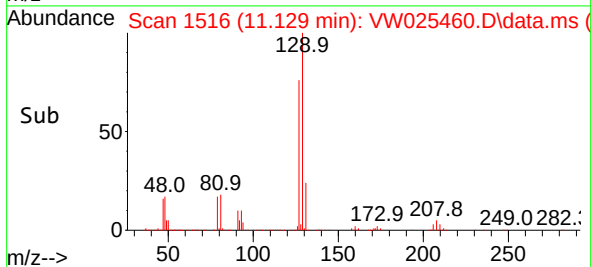
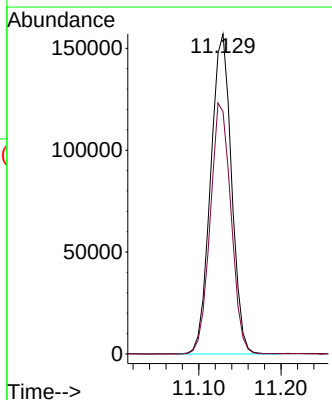
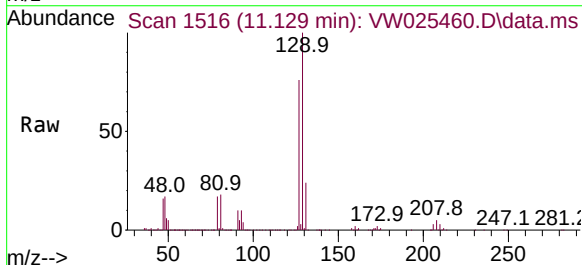
Instrument :
MSVOA_W
ClientSampleId :
EYGC8MSD

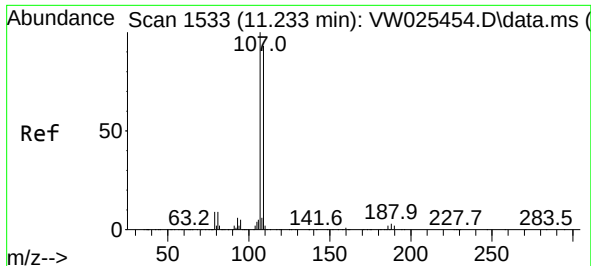
Tgt Ion: 43 Resp: 434707
Ion Ratio Lower Upper
43 100
58 51.1 41.2 61.8
57 18.0 14.2 21.4
100 10.4 8.5 12.7



#49
Dibromochloromethane
Concen: 26.354 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

Tgt Ion:129 Resp: 277350
Ion Ratio Lower Upper
129 100
127 75.7 52.8 98.2





#50

1,2-Dibromoethane

Concen: 28.353 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW025460.D

Acq: 21 Mar 2023 11:53

Instrument :

MSVOA_W

ClientSampleId :

EYGC8MSD

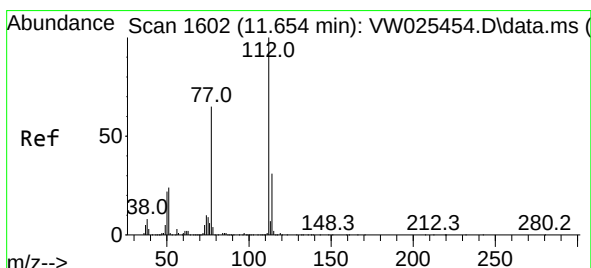
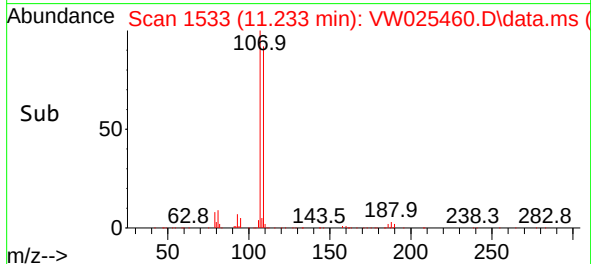
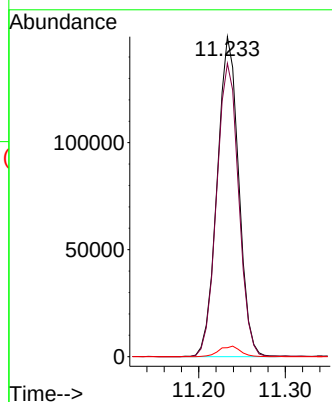
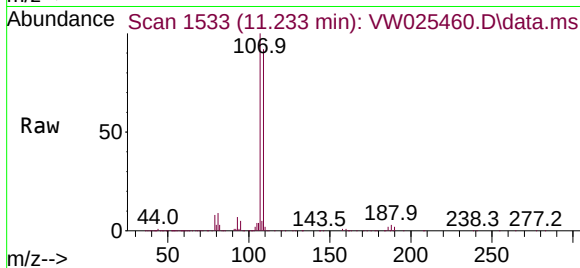
Tgt Ion:107 Resp: 258500

Ion Ratio Lower Upper

107 100

109 91.7 62.9 116.9

188 2.8 3.0 4.4#



#51

Chlorobenzene

Concen: 24.352 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025460.D

Acq: 21 Mar 2023 11:53

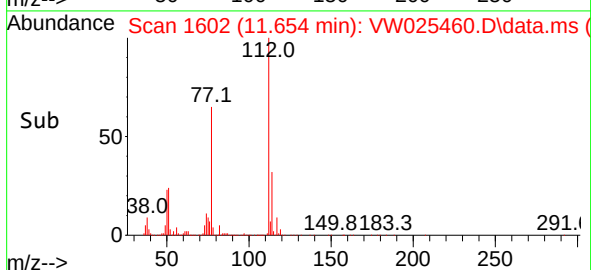
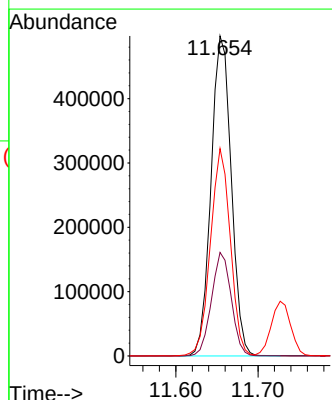
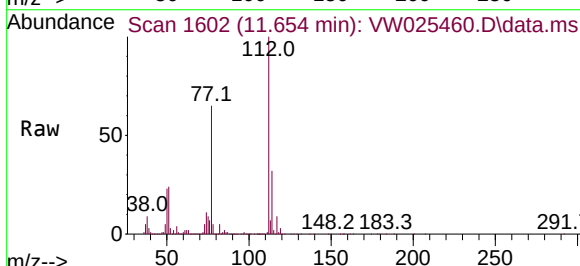
Tgt Ion:112 Resp: 850256

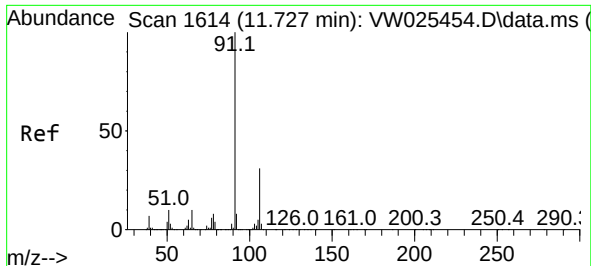
Ion Ratio Lower Upper

112 100

114 32.3 21.9 40.7

77 64.8 51.8 77.8

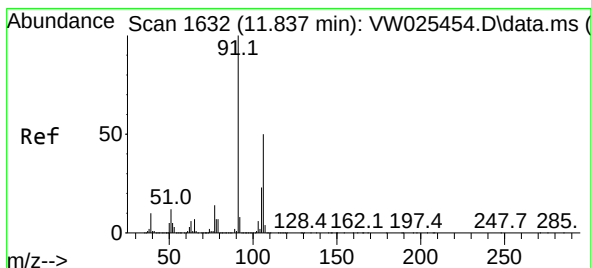
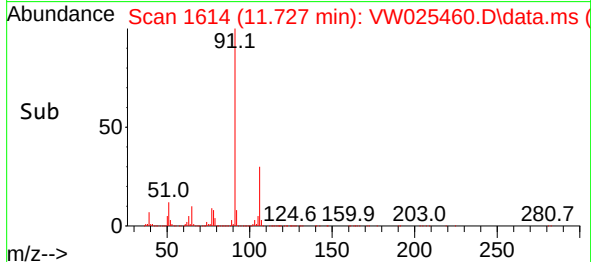
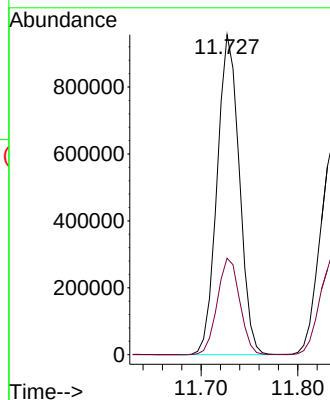
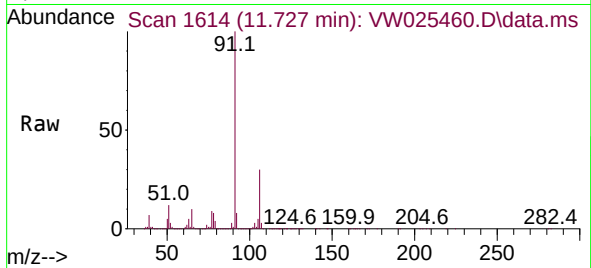




#52
Ethylbenzene
Concen: 24.309 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

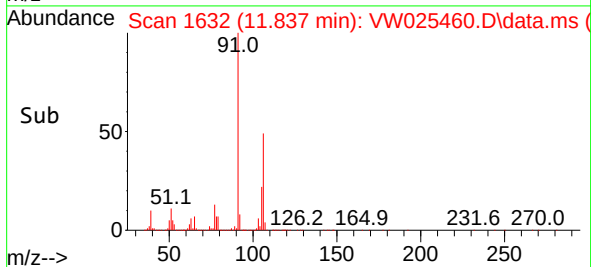
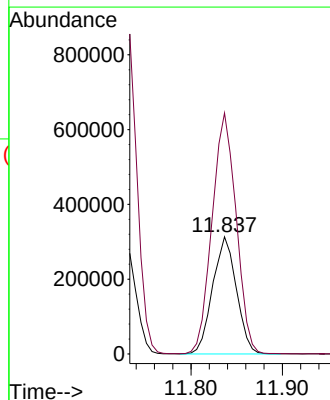
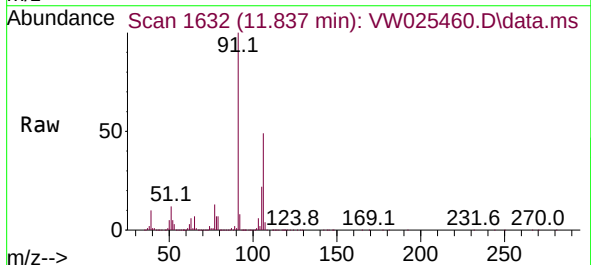
Instrument :
MSVOA_W
ClientSampleId :
EYGC8MSD

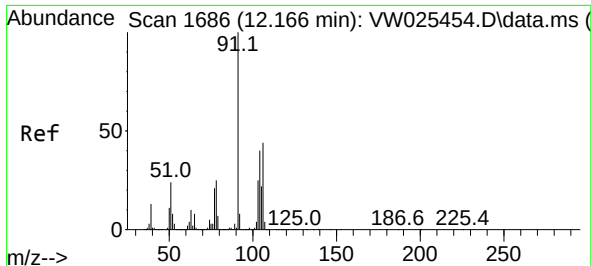
Tgt Ion: 91 Resp: 1525237
Ion Ratio Lower Upper
91 100
106 30.1 22.0 41.0



#53
m,p-Xylene
Concen: 24.470 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

Tgt Ion:106 Resp: 566282
Ion Ratio Lower Upper
106 100
91 205.8 144.2 267.8

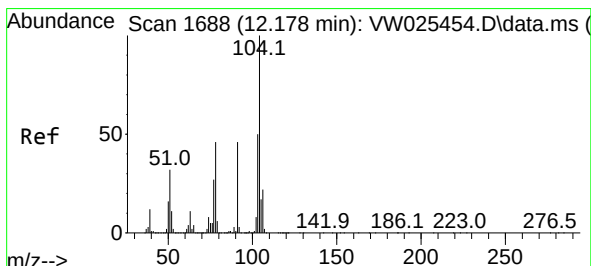
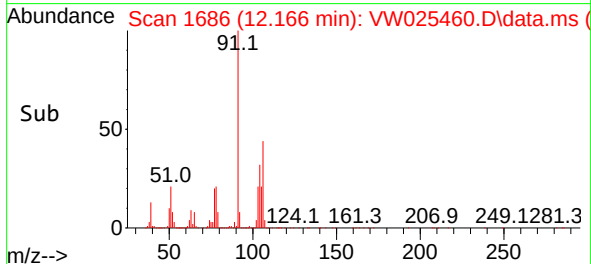
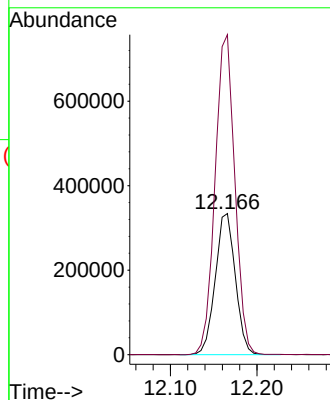
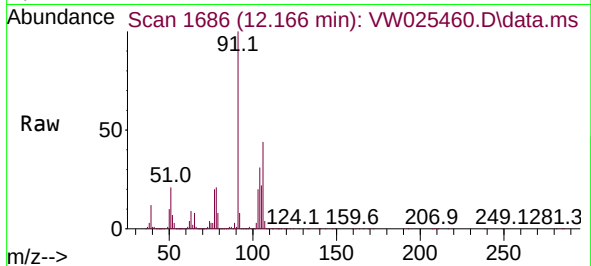




#54
o-Xylene
Concen: 24.675 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

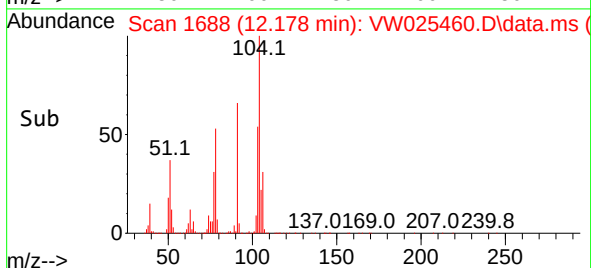
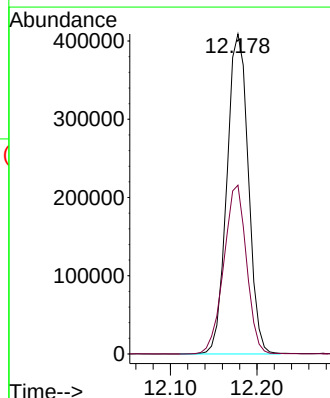
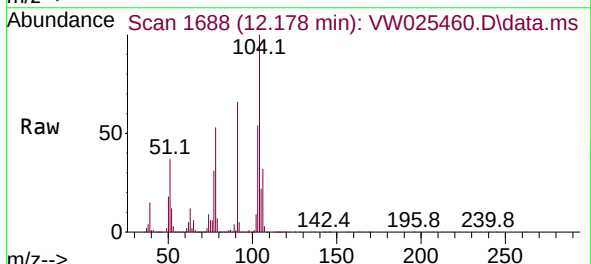
Instrument :
MSVOA_W
ClientSampleId :
EYGC8MSD

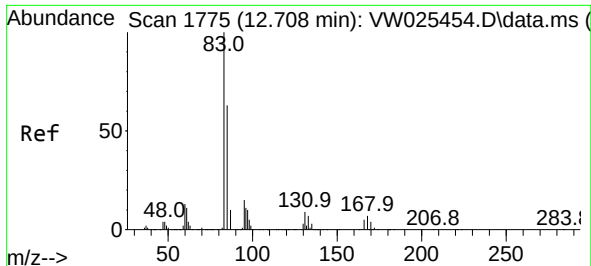
Tgt Ion:106 Resp: 537334
Ion Ratio Lower Upper
106 100
91 226.7 154.6 287.2



#55
Styrene
Concen: 18.884 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

Tgt Ion:104 Resp: 702255
Ion Ratio Lower Upper
104 100
78 52.8 31.1 57.9





#57

1,1,2,2-Tetrachloroethane

Concen: 29.512 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025460.D

Acq: 21 Mar 2023 11:53

Instrument :

MSVOA_W

ClientSampleId :

EYGC8MSD

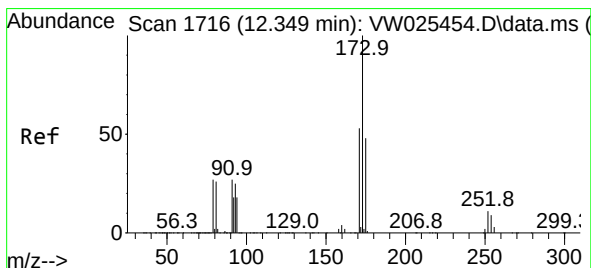
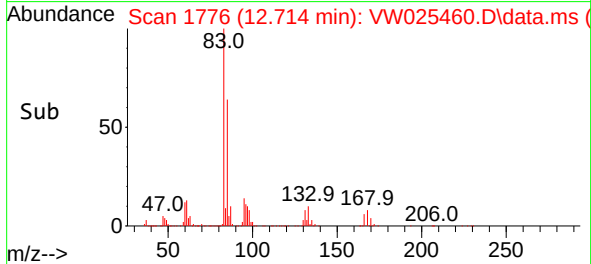
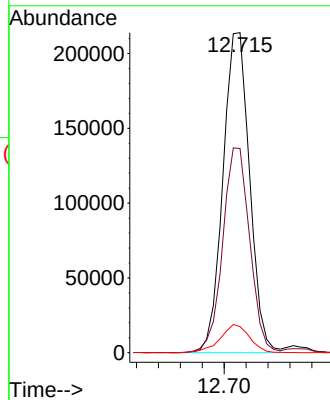
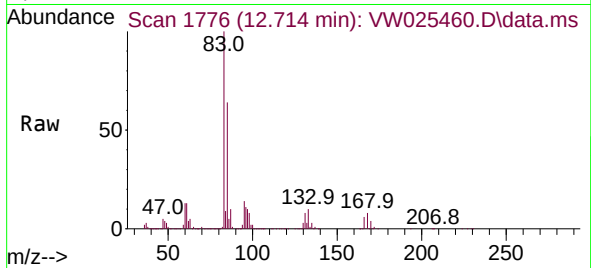
Tgt Ion: 83 Resp: 361578

Ion Ratio Lower Upper

83 100

85 63.8 45.4 84.2

131 8.2 8.0 12.0



#59

Bromoform

Concen: 26.876 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025460.D

Acq: 21 Mar 2023 11:53

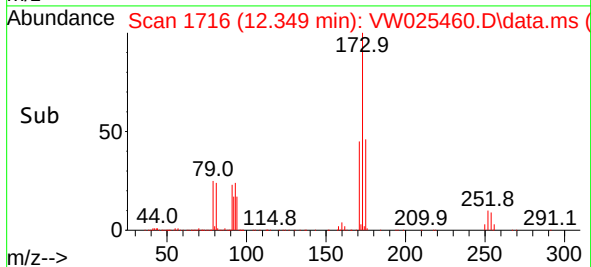
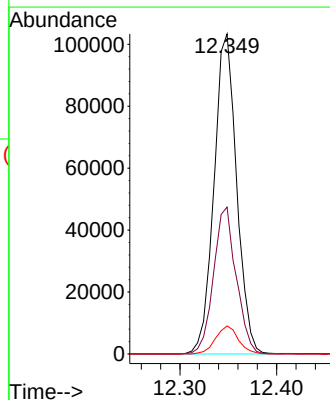
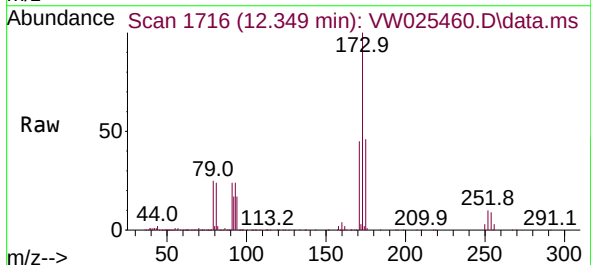
Tgt Ion:173 Resp: 167804

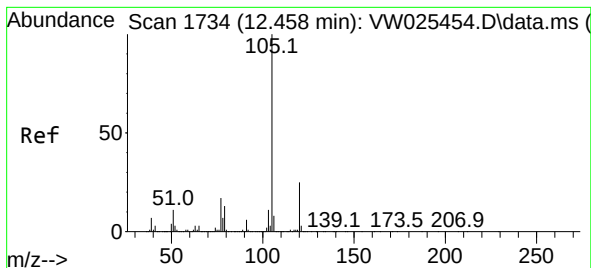
Ion Ratio Lower Upper

173 100

175 46.0 38.6 57.8

254 8.8 7.9 11.9





#60

Isopropylbenzene

Concen: 23.220 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025460.D

Acq: 21 Mar 2023 11:53

Instrument :

MSVOA_W

ClientSampleId :

EYGC8MSD

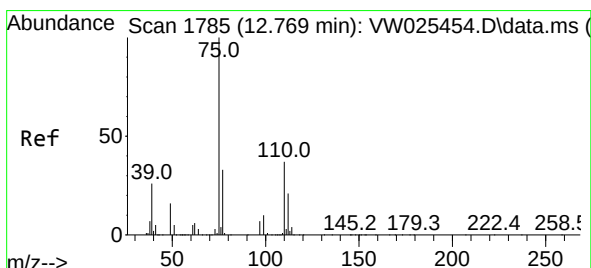
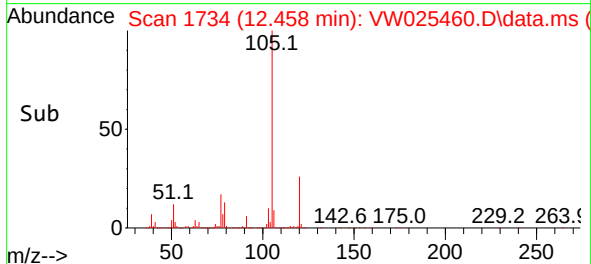
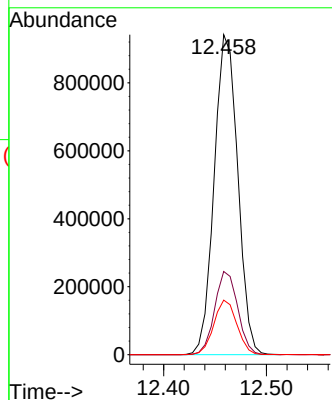
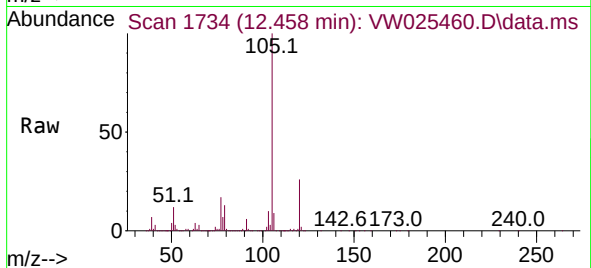
Tgt Ion:105 Resp: 1497972

Ion Ratio Lower Upper

105 100

120 25.4 20.9 31.3

77 16.7 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 27.956 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW025460.D

Acq: 21 Mar 2023 11:53

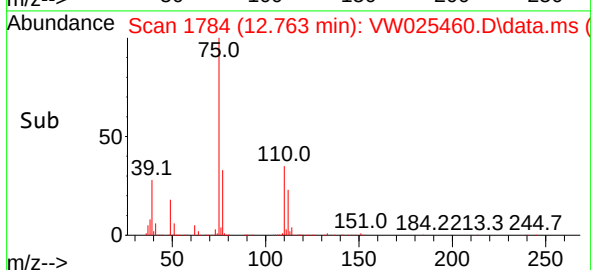
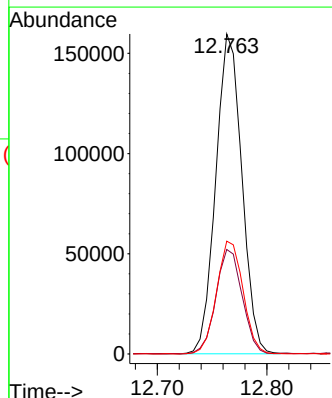
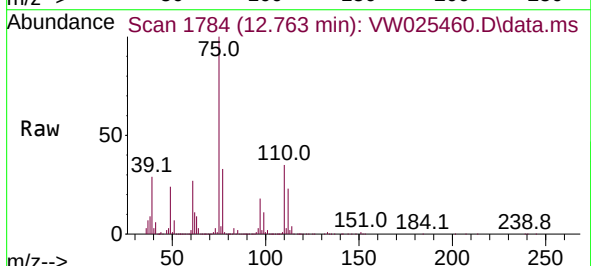
Tgt Ion: 75 Resp: 263590

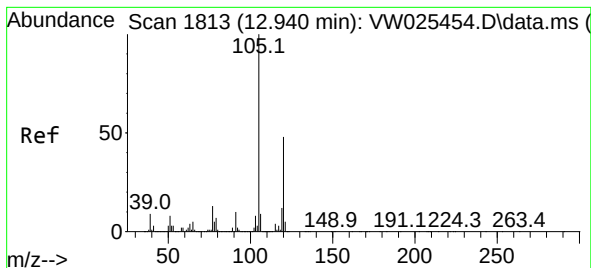
Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.2

110 35.8 28.9 43.3

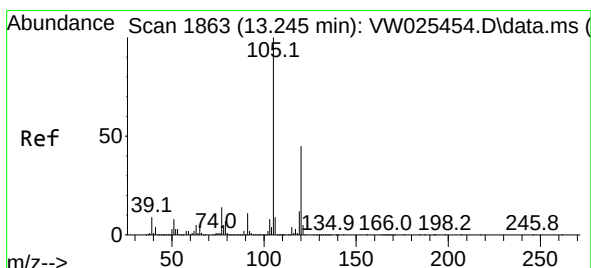
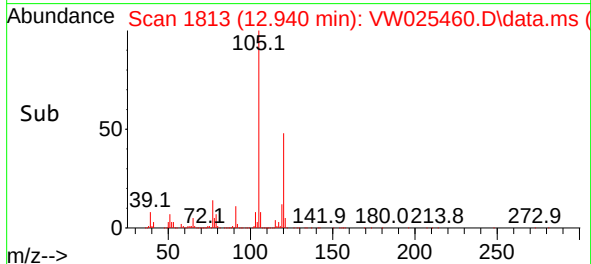
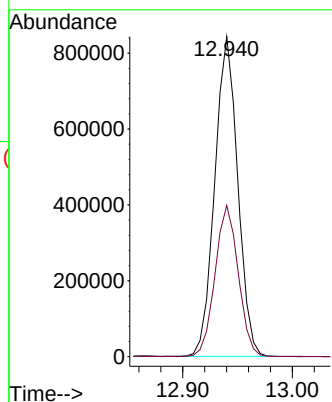
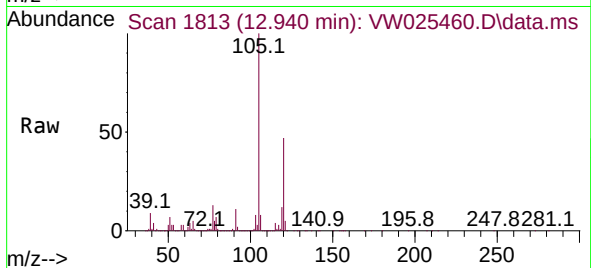




#62
1,3,5-Trimethylbenzene
Concen: 24.040 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

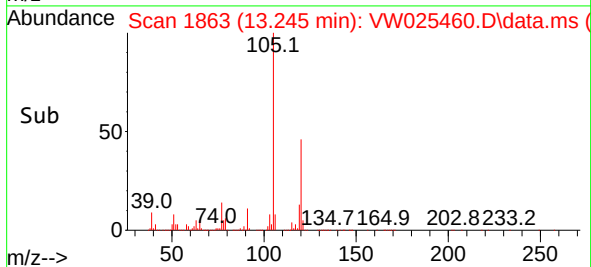
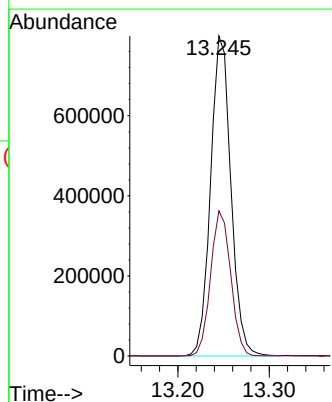
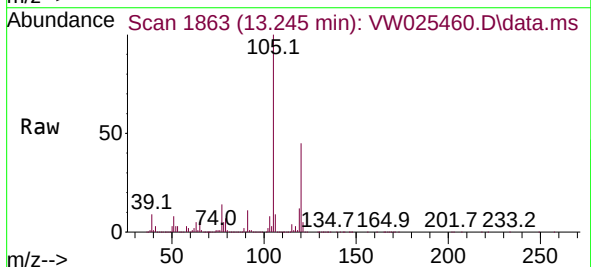
Instrument :
MSVOA_W
ClientSampleId :
EYGC8MSD

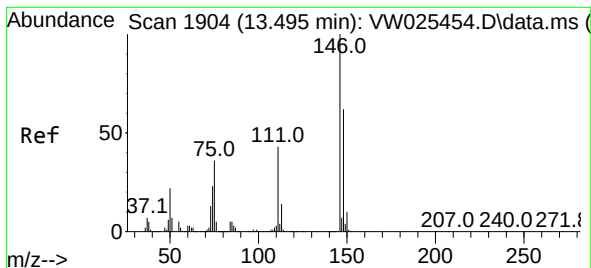
Tgt Ion:105 Resp: 1228270
Ion Ratio Lower Upper
105 100
120 47.8 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 24.487 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025460.D
Acq: 21 Mar 2023 11:53

Tgt Ion:105 Resp: 1232511
Ion Ratio Lower Upper
105 100
120 44.7 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 22.353 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW025460.D

Acq: 21 Mar 2023 11:53

Instrument :

MSVOA_W

ClientSampleId :

EYGC8MSD

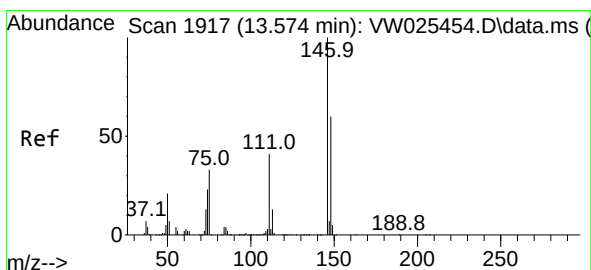
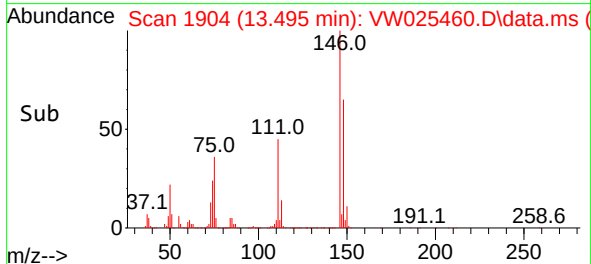
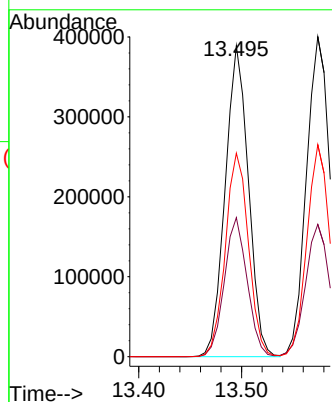
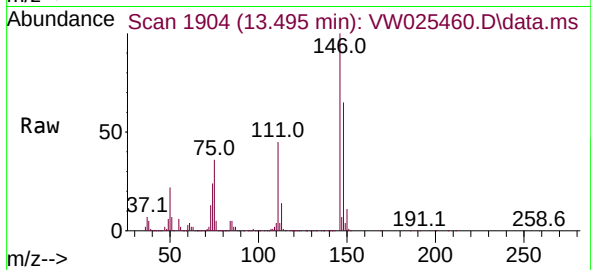
Tgt Ion:146 Resp: 611035

Ion Ratio Lower Upper

146 100

111 44.7 29.7 55.1

148 65.5 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 22.961 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW025460.D

Acq: 21 Mar 2023 11:53

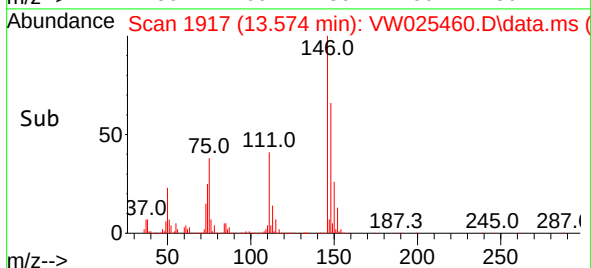
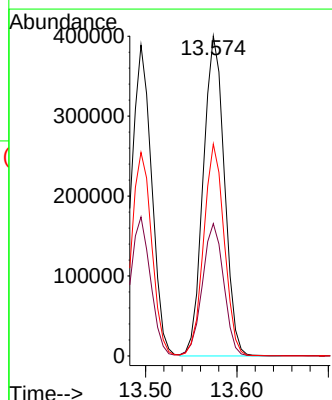
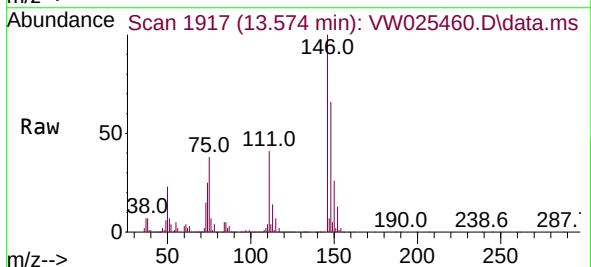
Tgt Ion:146 Resp: 643836

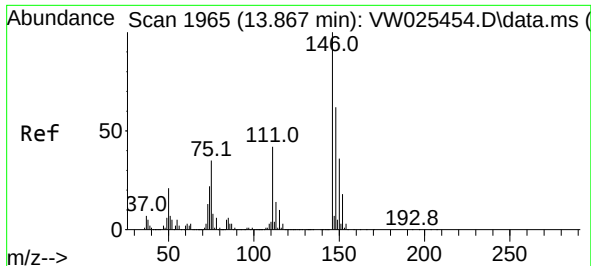
Ion Ratio Lower Upper

146 100

111 41.4 28.2 52.4

148 66.3 39.8 73.8





#67

1,2-Dichlorobenzene

Concen: 23.302 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025460.D

Acq: 21 Mar 2023 11:53

Instrument :

MSVOA_W

ClientSampleId :

EYGC8MSD

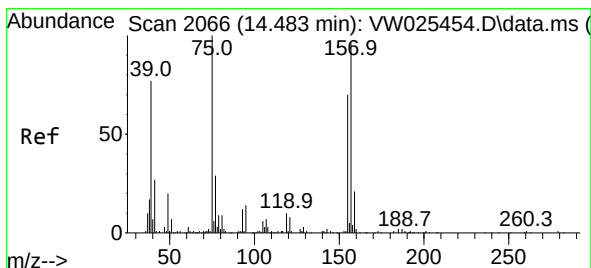
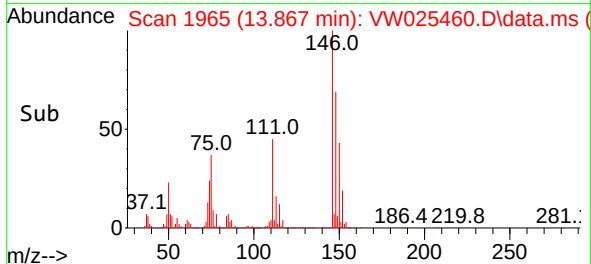
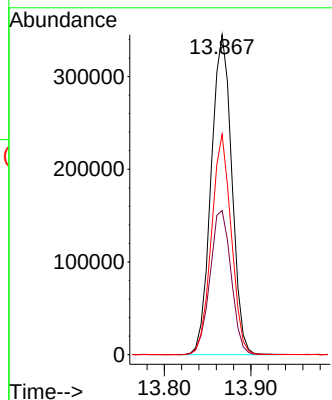
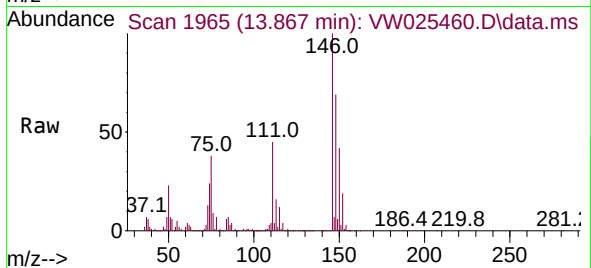
Tgt Ion:146 Resp: 571302

Ion Ratio Lower Upper

146 100

111 45.0 36.6 54.8

148 68.8 53.4 80.2



#68

1,2-Dibromo-3-chloropropane

Concen: 28.015 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW025460.D

Acq: 21 Mar 2023 11:53

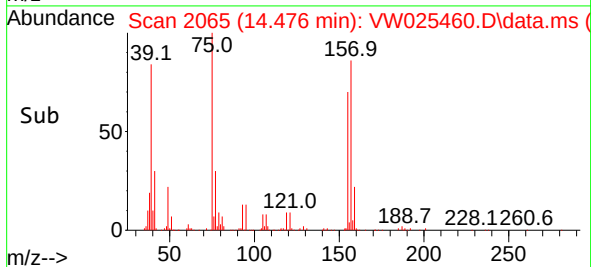
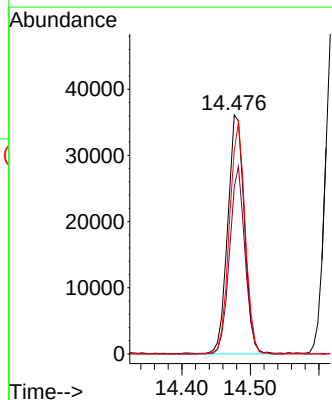
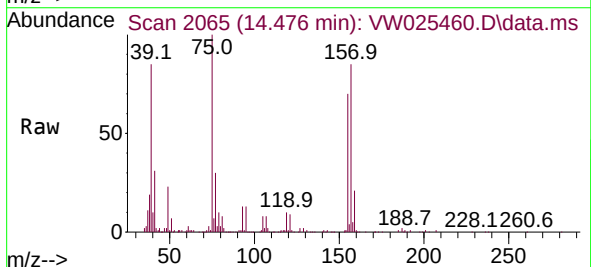
Tgt Ion: 75 Resp: 61150

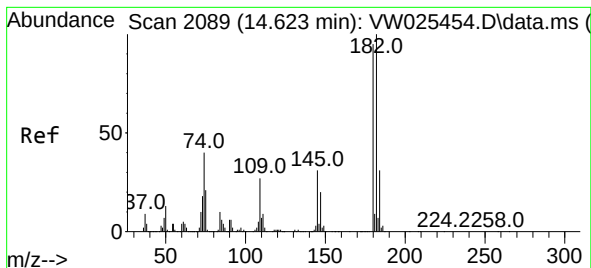
Ion Ratio Lower Upper

75 100

155 69.7 55.4 83.0

157 85.1 75.3 112.9





#69

1,3,5-Trichlorobenzene

Concen: 21.558 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025460.D

Acq: 21 Mar 2023 11:53

Instrument :

MSVOA_W

ClientSampleId :

EYGC8MSD

Tgt Ion:180 Resp: 400600

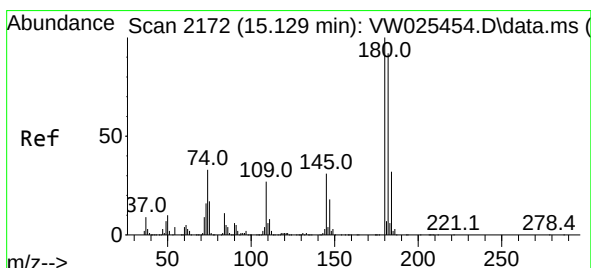
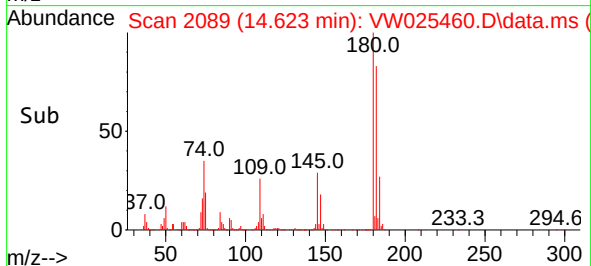
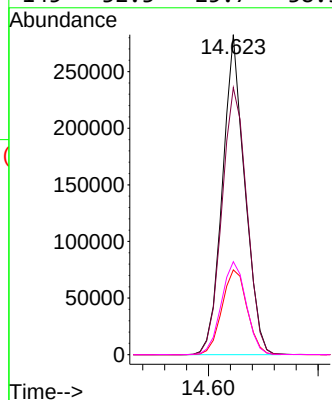
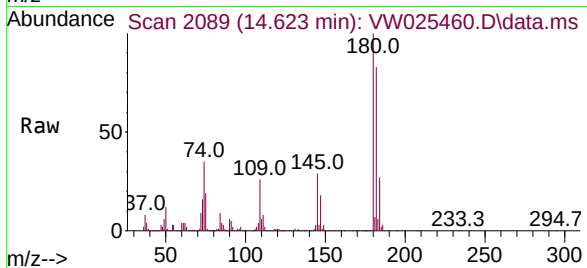
Ion Ratio Lower Upper

180 100

182 93.2 77.1 115.7

184 29.8 24.7 37.1

145 32.3 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 22.570 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025460.D

Acq: 21 Mar 2023 11:53

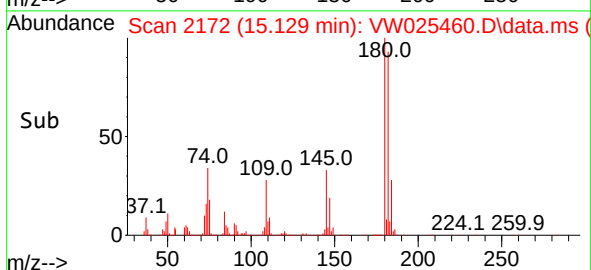
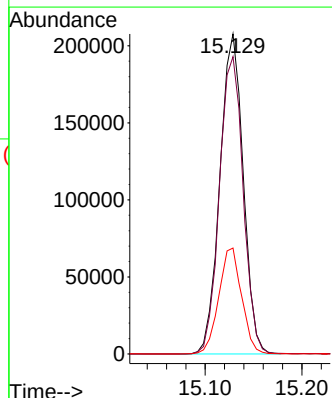
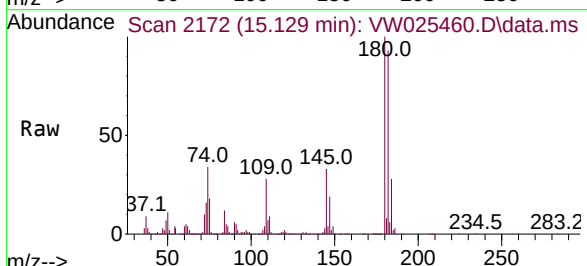
Tgt Ion:180 Resp: 347743

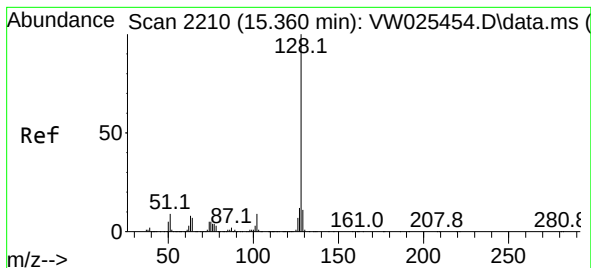
Ion Ratio Lower Upper

180 100

182 94.3 75.5 113.3

145 32.4 25.2 37.8





#71

Naphthalene

Concen: 26.222 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025460.D

Acq: 21 Mar 2023 11:53

Instrument :

MSVOA_W

ClientSampleId :

EYGC8MSD

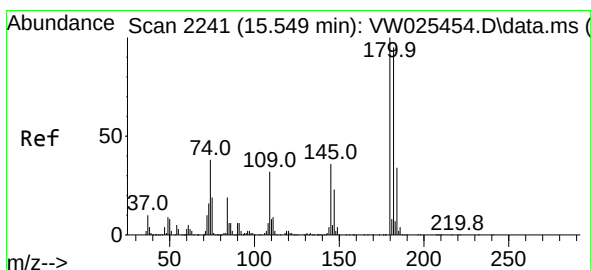
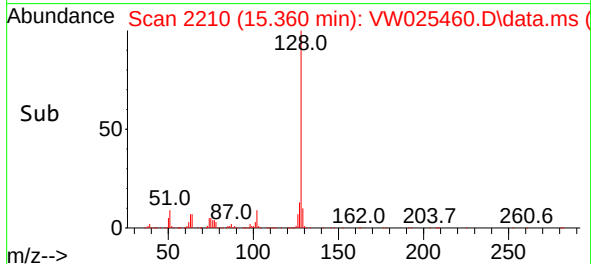
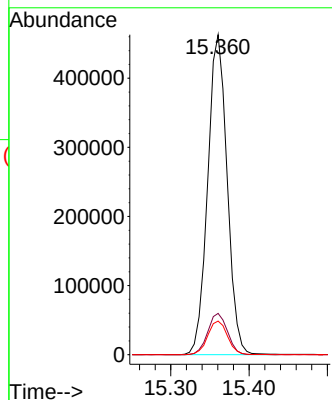
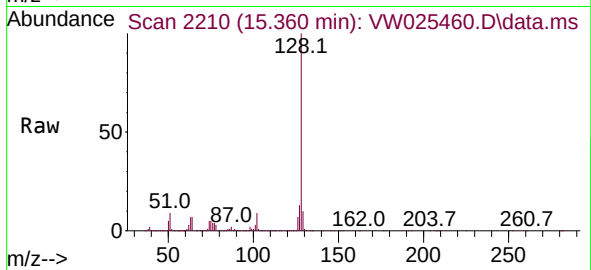
Tgt Ion:128 Resp: 797464

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 21.232 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW025460.D

Acq: 21 Mar 2023 11:53

Tgt Ion:180 Resp: 293823

Ion Ratio Lower Upper

180 100

182 99.8 76.6 114.8

145 35.9 27.7 41.5

