

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032123\
 Data File : VW025462.D
 Acq On : 21 Mar 2023 12:41
 Operator : SY/MD
 Sample : 01977-17MSD
 Misc : 5.25g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EYGA2MSD

Quant Time: Mar 22 01:32:54 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	780295	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	588290	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	190457	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	247030	19.041	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.160%
7) Chloroethane-d5	2.893	69	202903	21.735	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.920%
11) 1,1-Dichloroethene-d2	4.027	63	524110	20.916	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.680%
21) 2-Butanone-d5	7.075	46	296897	93.230	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	186.460%#
24) Chloroform-d	7.648	84	556533	24.741	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.960%
26) 1,2-Dichloroethane-d4	8.307	65	329112	27.258	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.040%
32) Benzene-d6	8.276	84	1086947	27.040	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.160%
36) 1,2-Dichloropropane-d6	9.276	67	365938	29.427	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.720%
41) Toluene-d8	10.325	98	876711	24.737	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.960%
43) trans-1,3-Dichloroprop...	10.574	79	127769	25.803	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.200%
47) 2-Hexanone-d5	10.922	63	193956	108.465	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	216.940%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	349234	38.333	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	153.320%#
66) 1,2-Dichlorobenzene-d4	13.854	152	192264	27.146	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	198384	22.247	ug/L	97
3) Chloromethane	2.228	50	255842	24.123	ug/L	97
5) Vinyl chloride	2.375	62	271447	22.655	ug/L	99
6) Bromomethane	2.789	94	148443	23.238	ug/L	99
8) Chloroethane	2.936	64	167837	24.372	ug/L	95
9) Trichlorofluoromethane	3.271	101	207819	20.039	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	240272	23.890	ug/L	99
12) 1,1-Dichloroethene	4.045	96	219684	22.577	ug/L #	86
13) Acetone	4.118	43	198229	64.752	ug/L	100
14) Carbon disulfide	4.393	76	665531	21.998	ug/L	99
15) Methyl Acetate	4.667	43	205845	35.843	ug/L	98
16) Methylene chloride	4.923	84	265213	24.409	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	234205	22.960	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	507713	33.062	ug/L	94
19) 1,1-Dichloroethane	6.222	63	516796	24.466	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	267651	23.966	ug/L	94
22) 2-Butanone	7.167	43	290767	73.423	ug/L	98
23) Bromochloromethane	7.520	128	123181	25.649	ug/L	95
25) Chloroform	7.673	83	488081	24.580	ug/L	98

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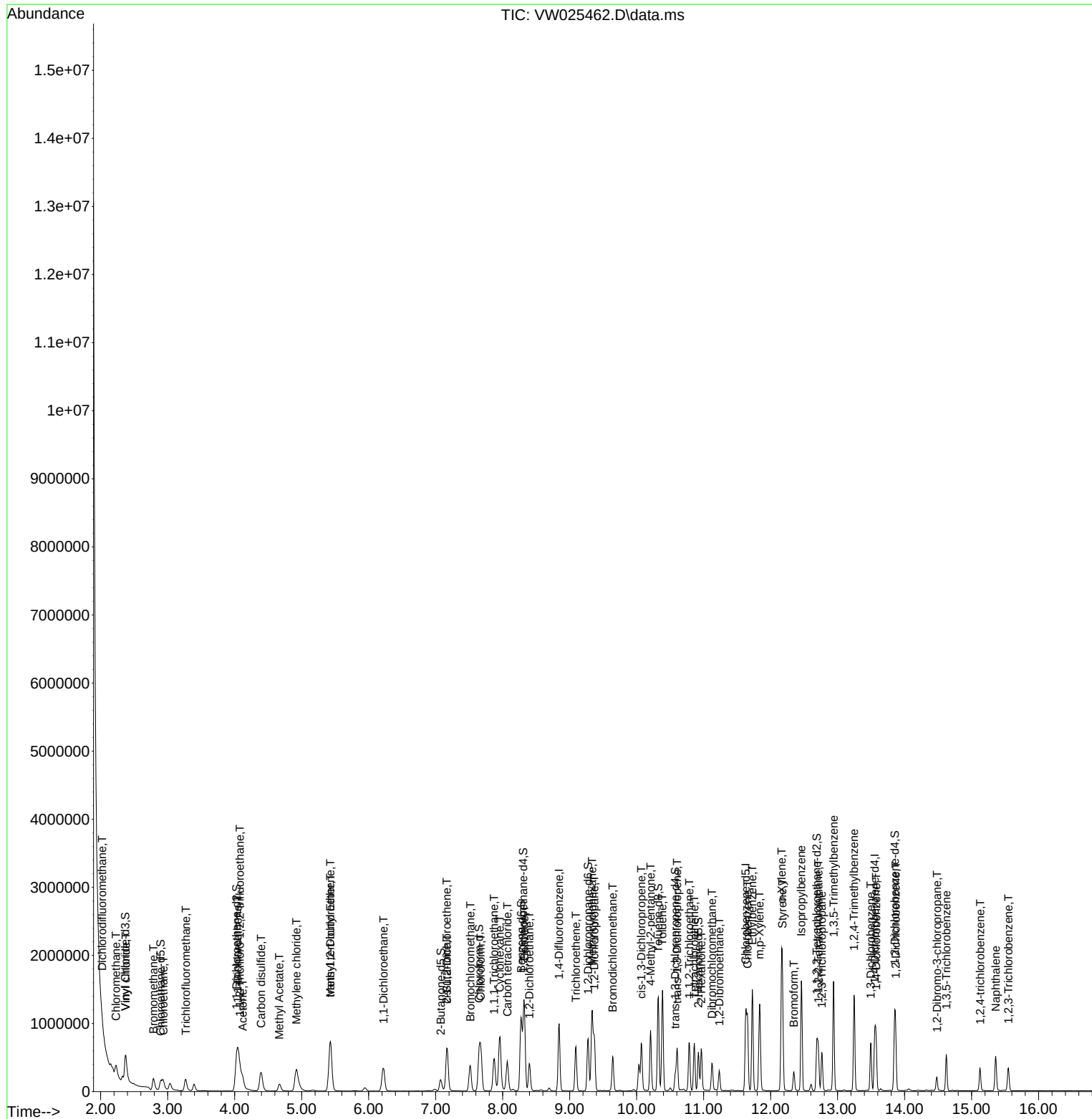
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	362999	27.393	ug/L	100
29) Cyclohexane	7.959	56	488808	29.436	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	391993	28.030	ug/L	99
31) Carbon tetrachloride	8.069	117	318524	25.409	ug/L	98
33) Benzene	8.325	78	1078599	28.677	ug/L	100
34) Trichloroethene	9.093	95	227423	23.038	ug/L	99
35) Methylcyclohexane	9.337	83	443048	26.053	ug/L	99
37) 1,2-Dichloropropane	9.367	63	303862	29.349	ug/L	100
38) Bromodichloromethane	9.642	83	335738	27.806	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	401596	26.925	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	605205	97.259	ug/L	99
42) Toluene	10.385	91	1029399	26.507	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	326919	26.173	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	224714	32.320	ug/L	96
46) Tetrachloroethene	10.861	164	147001	20.928	ug/L	97
48) 2-Hexanone	10.965	43	415948	92.910	ug/L	99
49) Dibromochloromethane	11.123	129	206716	27.826	ug/L	98
50) 1,2-Dibromoethane	11.233	107	189780	29.488	ug/L	94
51) Chlorobenzene	11.654	112	523663	21.247	ug/L	98
52) Ethylbenzene	11.727	91	1006632	22.728	ug/L	98
53) m,p-Xylene	11.836	106	381325	23.343	ug/L	98
54) o-Xylene	12.166	106	395907	25.755	ug/L	98
55) Styrene	12.178	104	551654	21.015	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.714	83	309027	35.731	ug/L	98
59) Bromoform	12.349	173	118345	43.068	ug/L	98
60) Isopropylbenzene	12.458	105	1001054	35.259	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	232853	56.115	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	800595	35.604	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	749509	33.835	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	266600	22.160	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	267272	21.658	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	286085	26.514	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	53199	55.378	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	151566	18.533	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	97935	14.443	ug/L	99
71) Naphthalene	15.360	128	416280	31.101	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	107361	17.628	ug/L	99

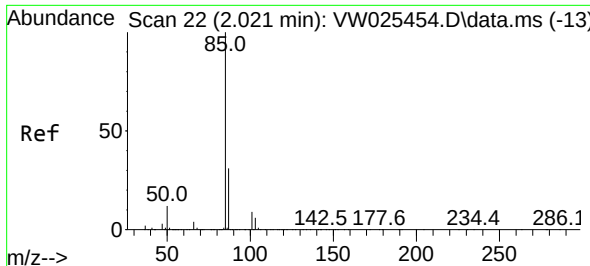
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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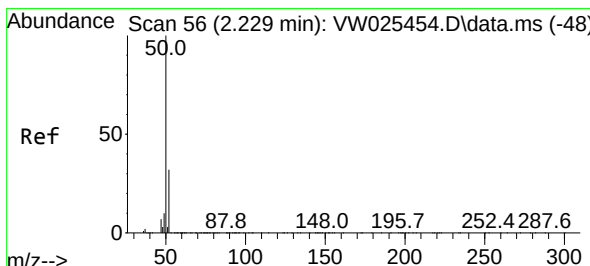
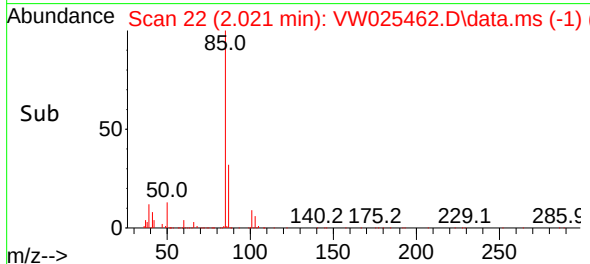
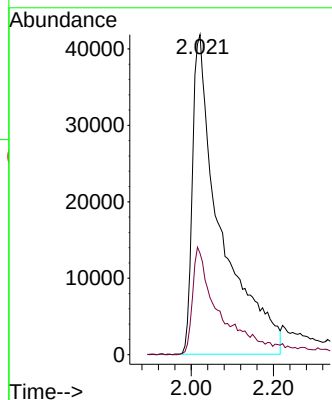
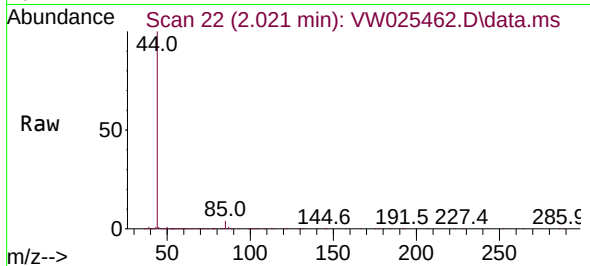




#2
 Dichlorodifluoromethane
 Concen: 22.247 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025462.D
 Acq: 21 Mar 2023 12:41

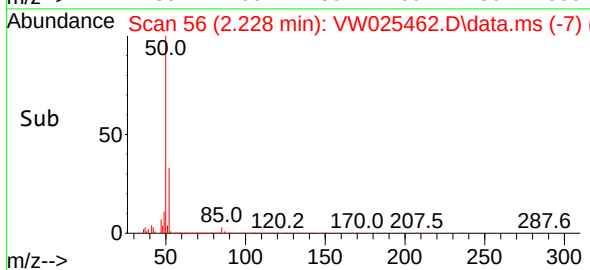
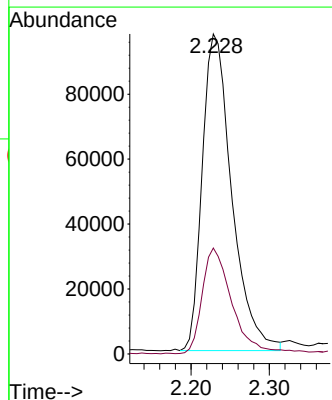
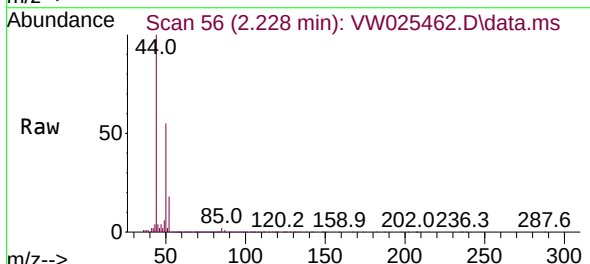
Instrument :
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 ClientSampleId :
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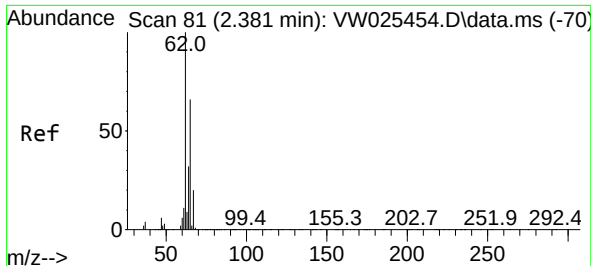
Tgt Ion: 85 Resp: 198384
 Ion Ratio Lower Upper
 85 100
 87 24.2 20.5 30.7



#3
 Chloromethane
 Concen: 24.123 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW025462.D
 Acq: 21 Mar 2023 12:41

Tgt Ion: 50 Resp: 255842
 Ion Ratio Lower Upper
 50 100
 52 33.1 21.9 40.7

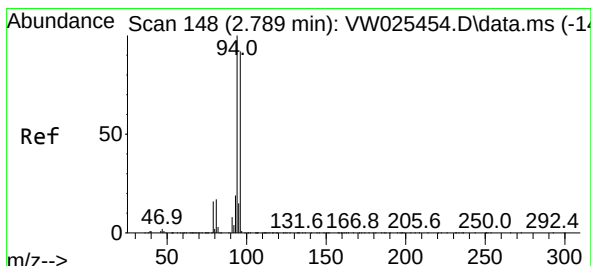
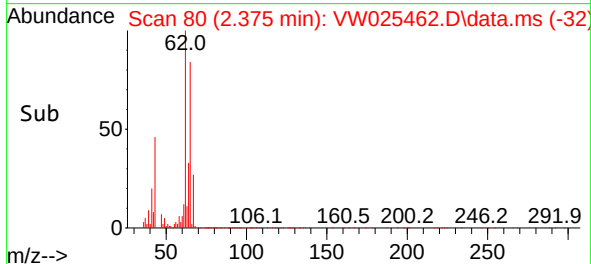
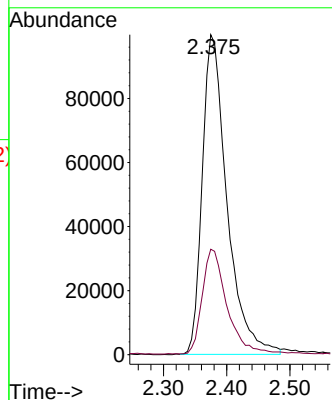
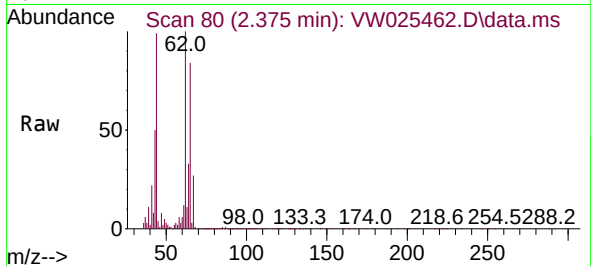




#5
 Vinyl chloride
 Concen: 22.655 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW025462.D
 Acq: 21 Mar 2023 12:41

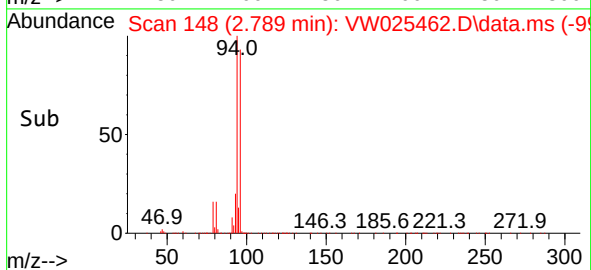
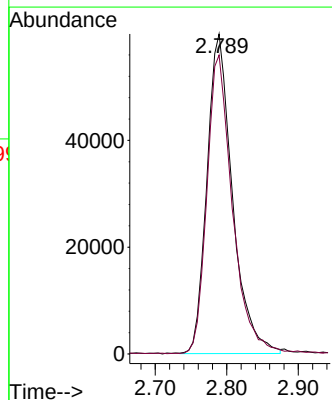
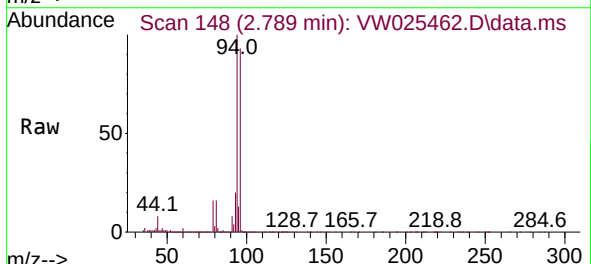
Instrument :
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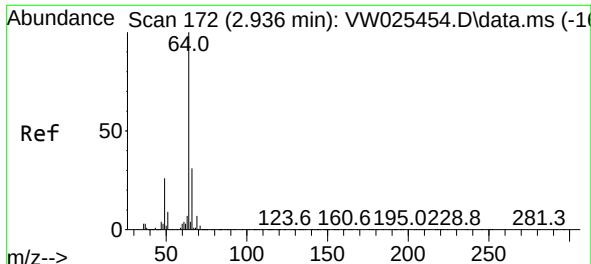
Tgt Ion: 62 Resp: 271447
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.4 43.6



#6
 Bromomethane
 Concen: 23.238 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025462.D
 Acq: 21 Mar 2023 12:41

Tgt Ion: 94 Resp: 148443
 Ion Ratio Lower Upper
 94 100
 96 93.4 64.5 119.9

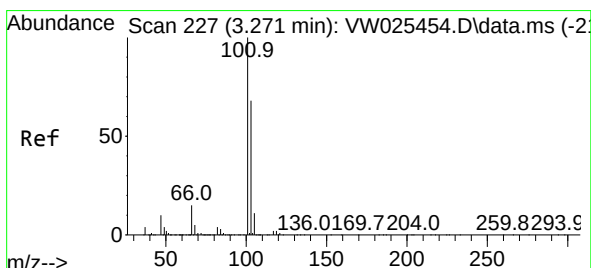
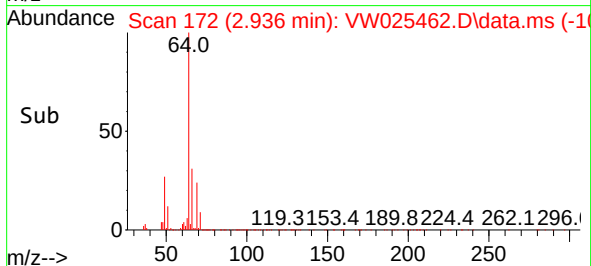
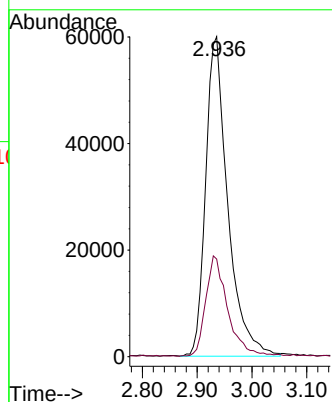
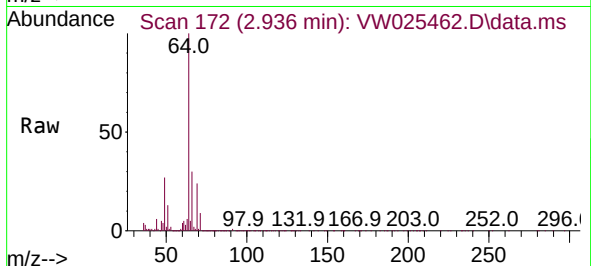




#8
Chloroethane
Concen: 24.372 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

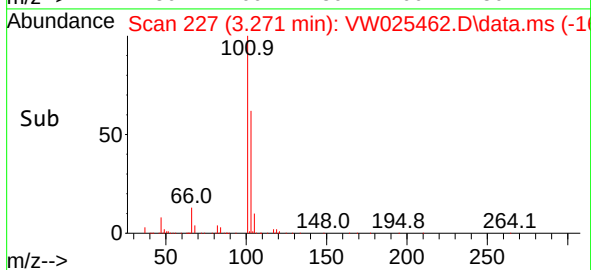
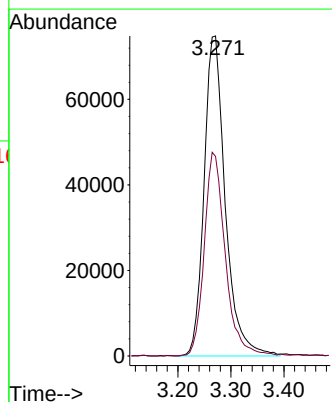
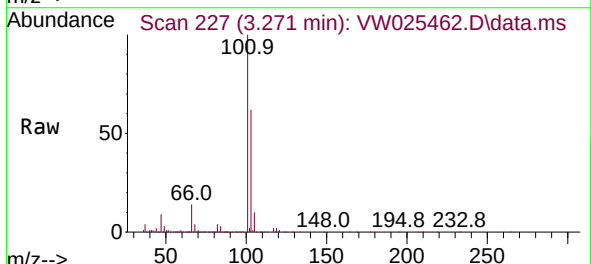
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ClientSampleId :
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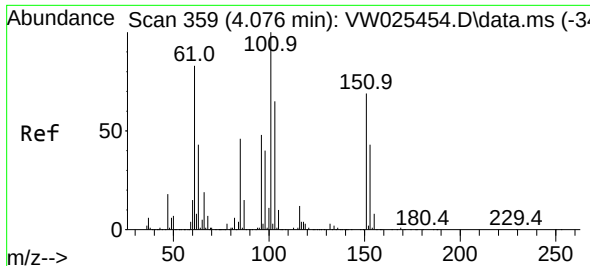
Tgt Ion: 64 Resp: 167837
Ion Ratio Lower Upper
64 100
66 30.5 23.3 43.3



#9
Trichlorofluoromethane
Concen: 20.039 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

Tgt Ion: 101 Resp: 207819
Ion Ratio Lower Upper
101 100
103 62.9 51.5 77.3

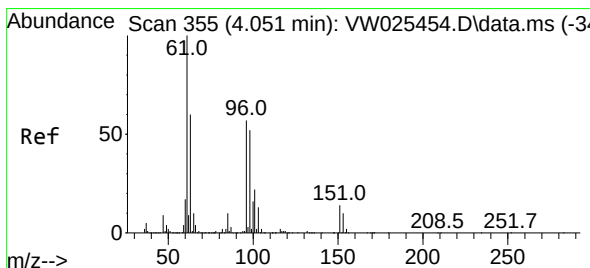
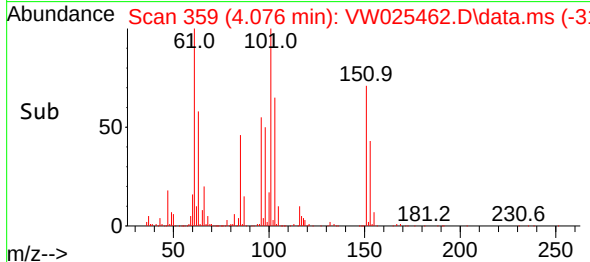
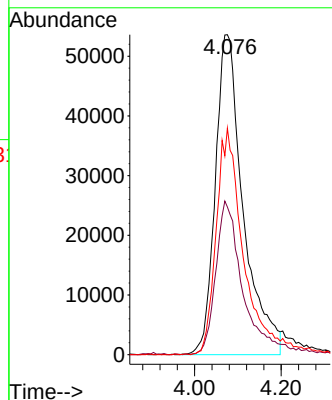
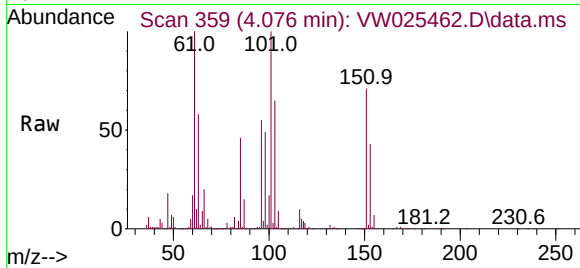




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.890 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW025462.D
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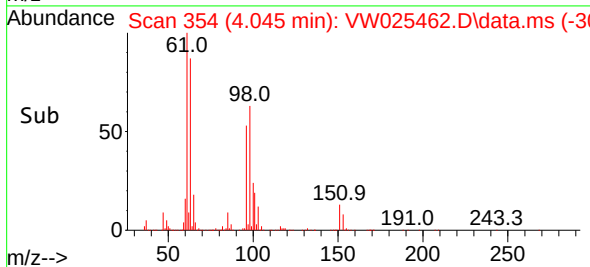
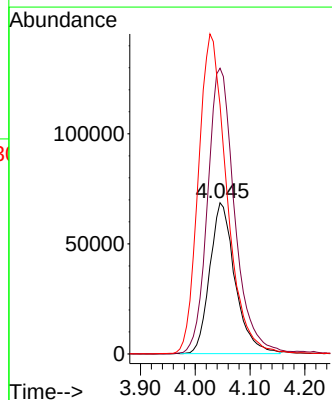
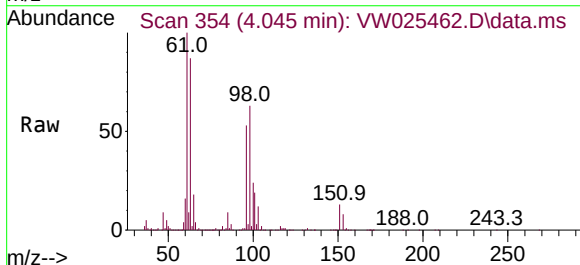
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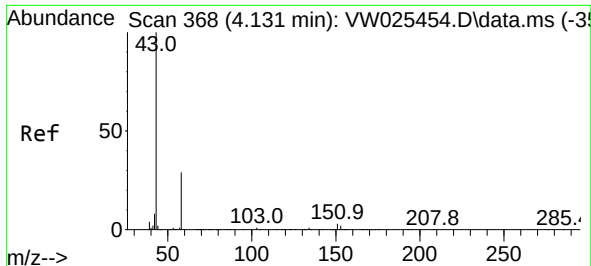
Tgt Ion:101 Resp: 240272
 Ion Ratio Lower Upper
 101 100
 85 45.3 35.8 53.8
 151 67.2 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 22.577 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW025462.D
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Tgt Ion: 96 Resp: 219684
 Ion Ratio Lower Upper
 96 100
 61 189.0 130.7 242.7
 63 164.6 88.3 164.1#

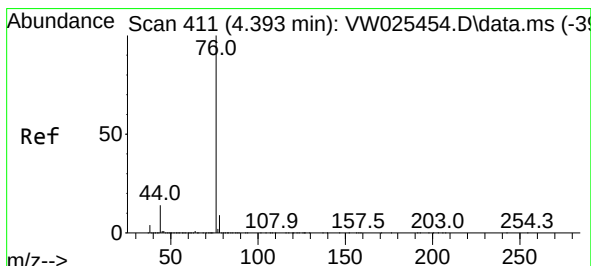
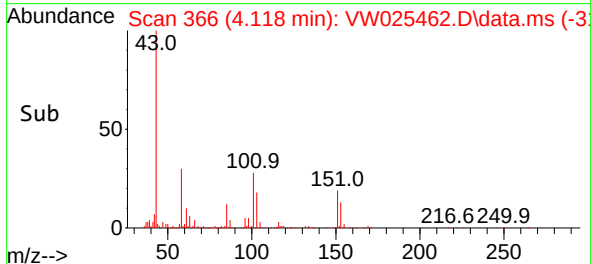
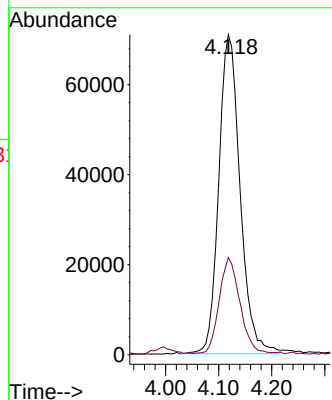
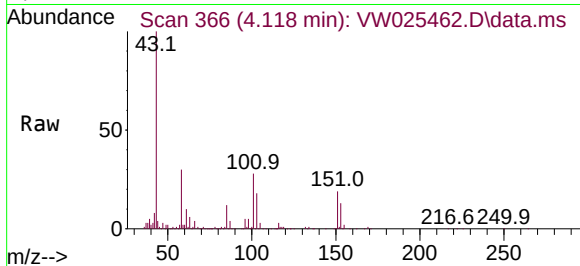




#13
Acetone
Concen: 64.752 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW025462.D
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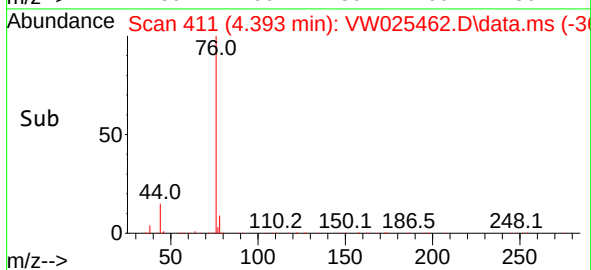
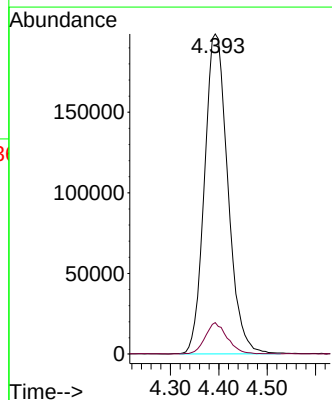
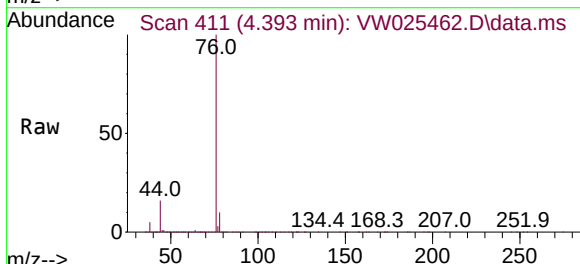
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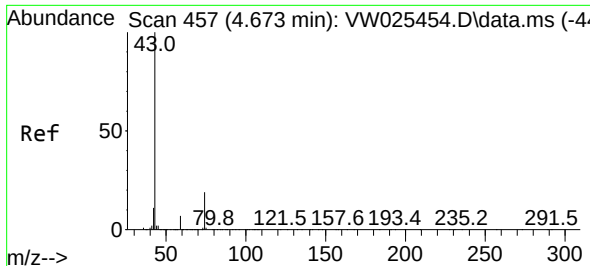
Tgt Ion: 43 Resp: 198229
Ion Ratio Lower Upper
43 100
58 29.9 0.0 60.0



#14
Carbon disulfide
Concen: 21.998 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 665531
Ion Ratio Lower Upper
76 100
78 9.8 7.6 11.4

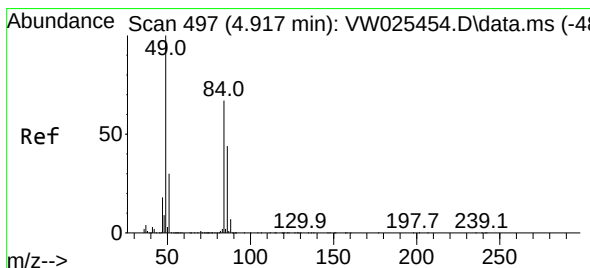
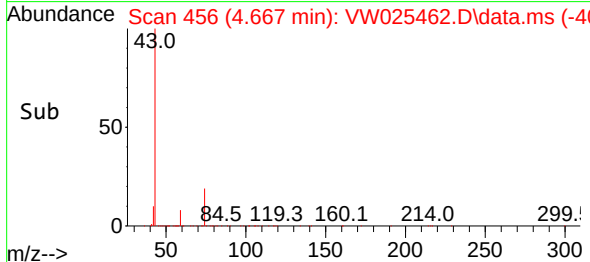
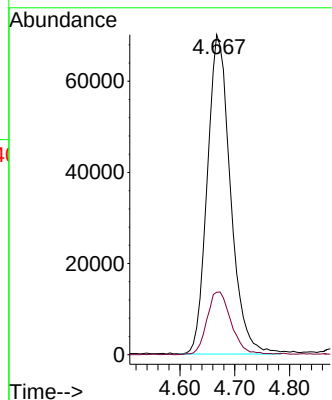
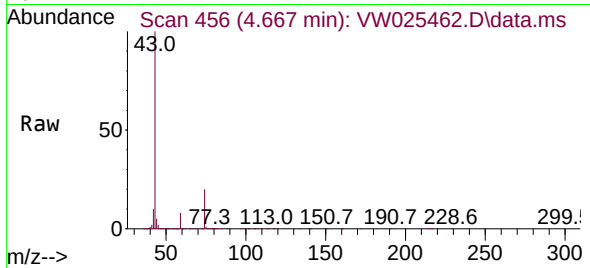




#15
Methyl Acetate
Concen: 35.843 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

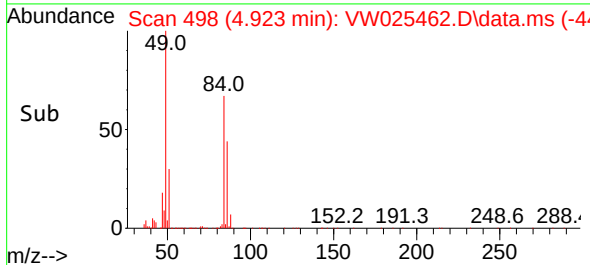
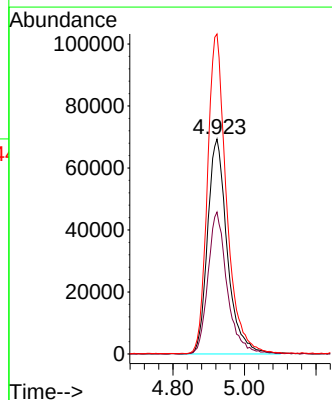
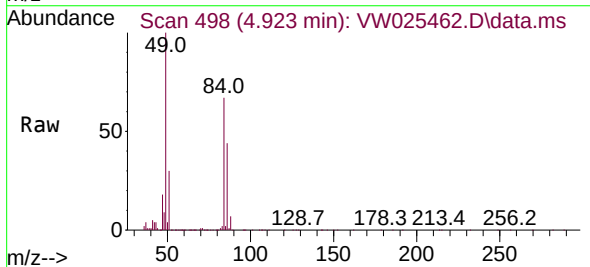
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

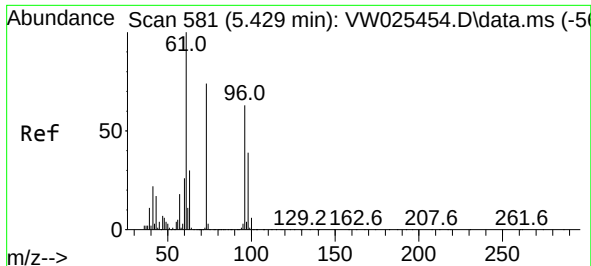
Tgt Ion: 43 Resp: 205845
Ion Ratio Lower Upper
43 100
74 20.5 17.0 25.4



#16
Methylene chloride
Concen: 24.409 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

Tgt Ion: 84 Resp: 265213
Ion Ratio Lower Upper
84 100
86 66.0 45.1 83.7
49 148.9 94.7 175.9

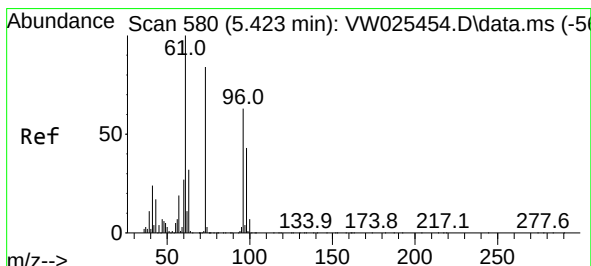
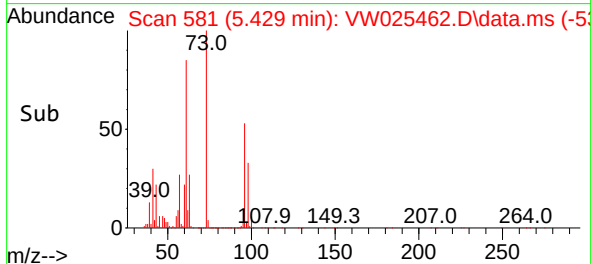
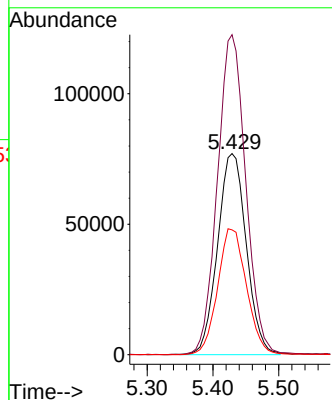
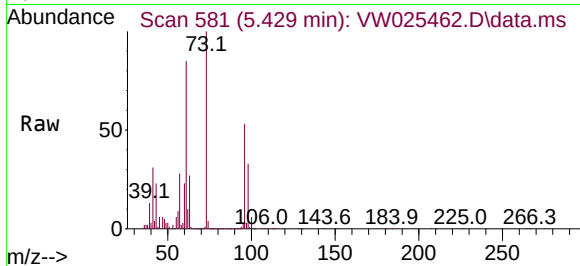




#17
trans-1,2-Dichloroethene
Concen: 22.960 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

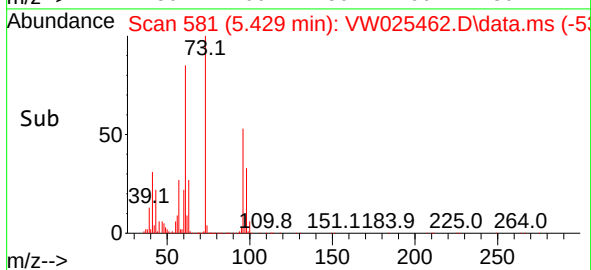
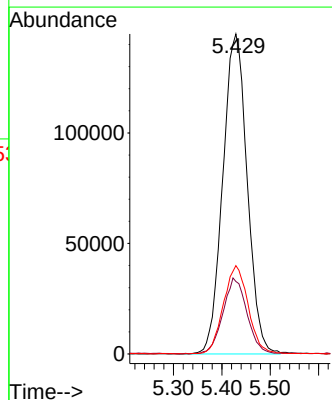
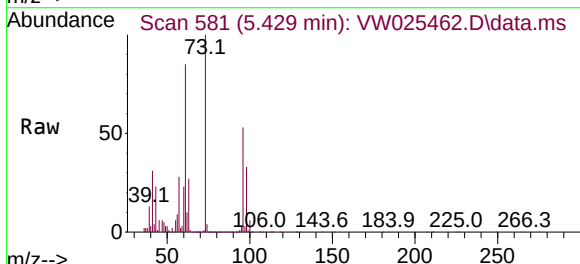
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

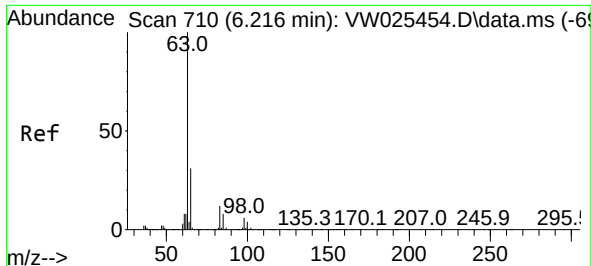
Tgt Ion: 96 Resp: 234205
Ion Ratio Lower Upper
96 100
61 159.1 103.0 191.4
98 62.0 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 33.062 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

Tgt Ion: 73 Resp: 507713
Ion Ratio Lower Upper
73 100
43 23.4 17.6 26.4
57 27.6 18.6 28.0

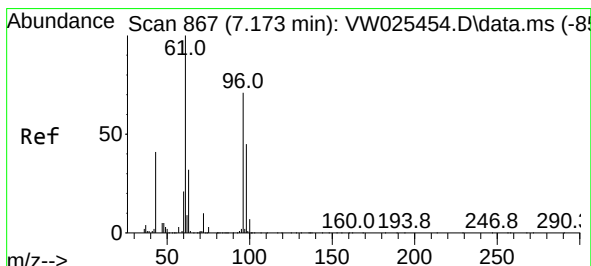
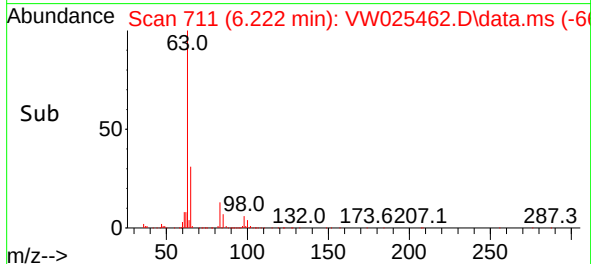
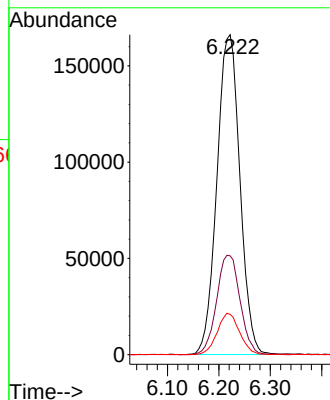
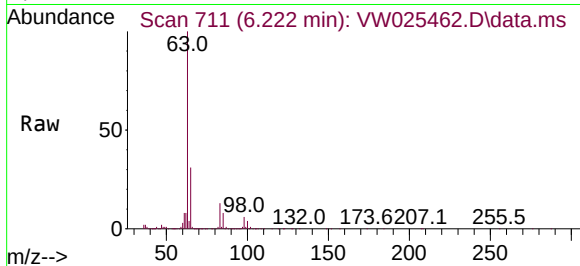




#19
1,1-Dichloroethane
Concen: 24.466 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

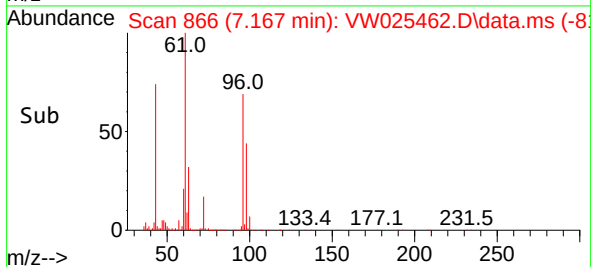
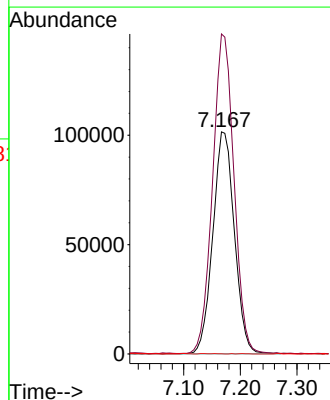
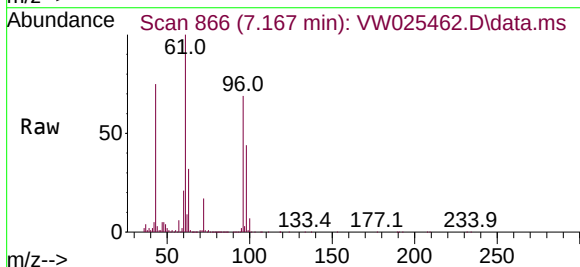
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

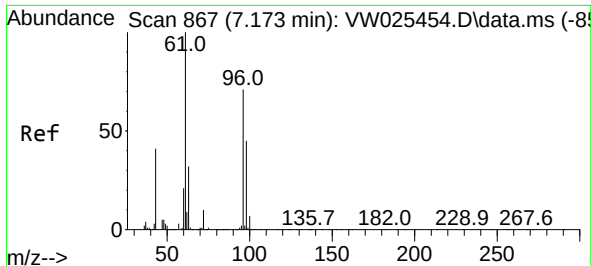
Tgt Ion: 63 Resp: 516796
Ion Ratio Lower Upper
63 100
65 30.9 21.7 40.3
83 12.6 8.4 15.6



#20
cis-1,2-Dichloroethene
Concen: 23.966 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

Tgt Ion: 96 Resp: 267651
Ion Ratio Lower Upper
96 100
61 144.1 95.5 177.4
68 0.1 0.1 0.1

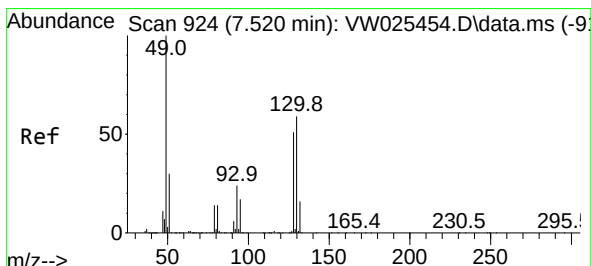
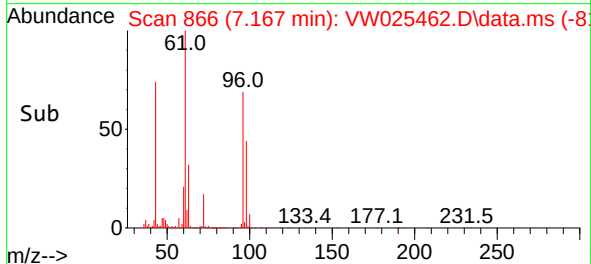
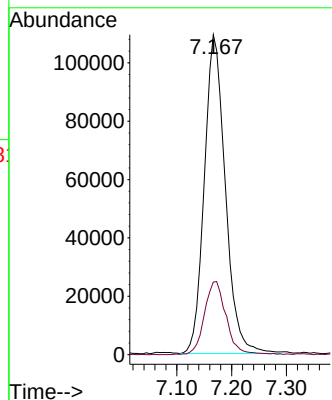
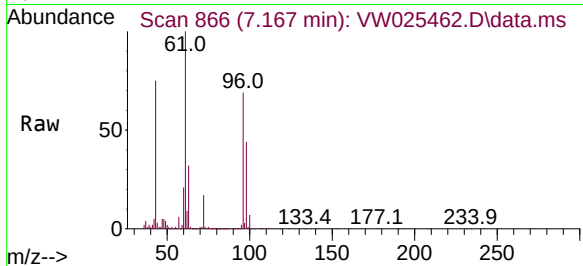




#22
2-Butanone
Concen: 73.423 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

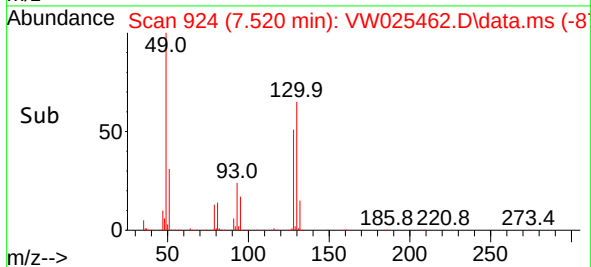
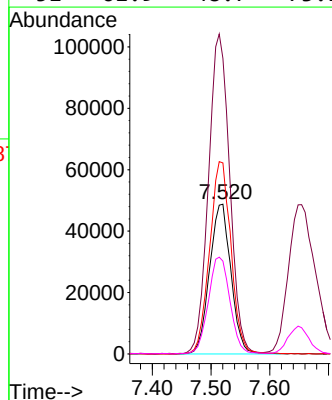
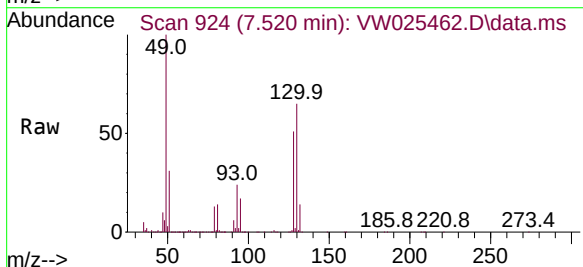
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

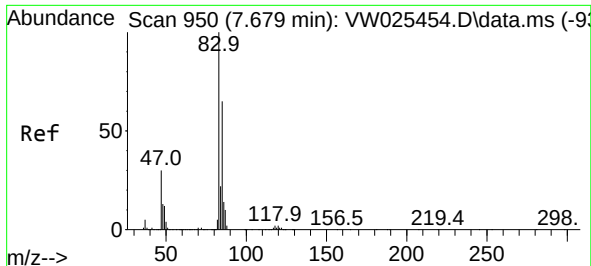
Tgt Ion: 43 Resp: 290767
Ion Ratio Lower Upper
43 100
72 23.3 12.0 36.1



#23
Bromochloromethane
Concen: 25.649 ug/L
RT: 7.520 min Scan# 924
Delta R.T. -0.000 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

Tgt Ion: 128 Resp: 123181
Ion Ratio Lower Upper
128 100
49 197.4 140.6 261.0
130 127.6 80.8 150.0
51 61.9 48.7 73.1

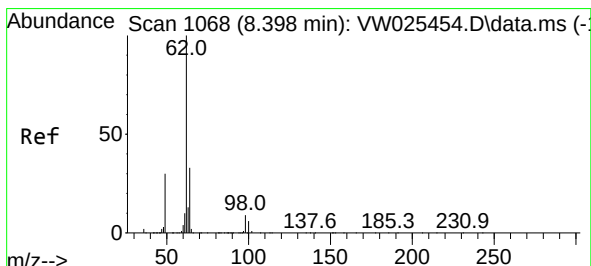
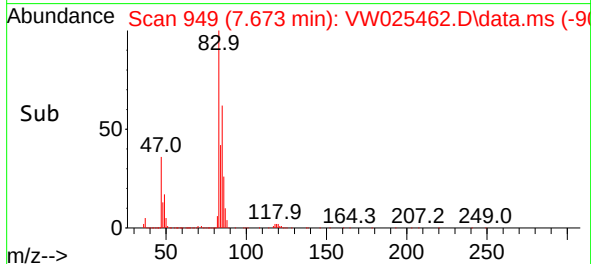
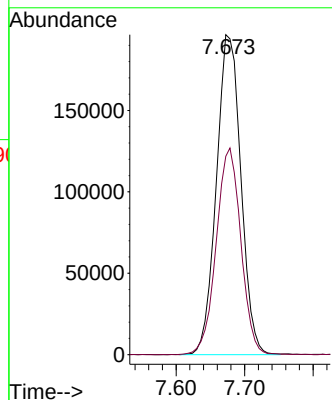
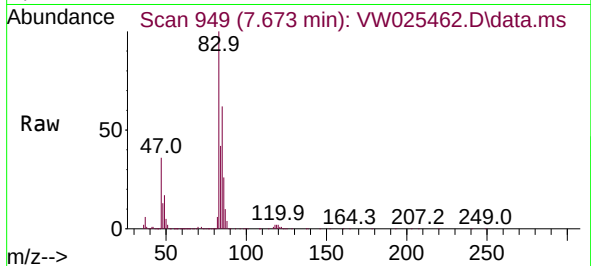




#25
Chloroform
Concen: 24.580 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

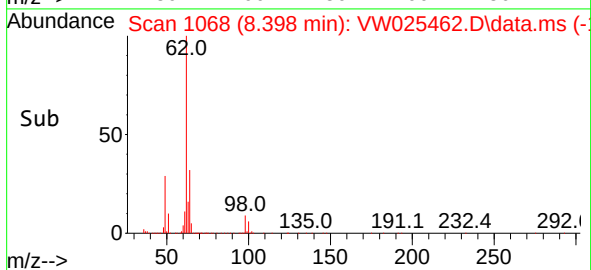
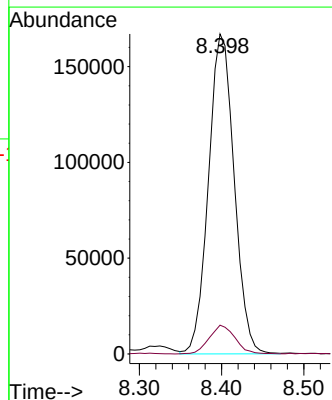
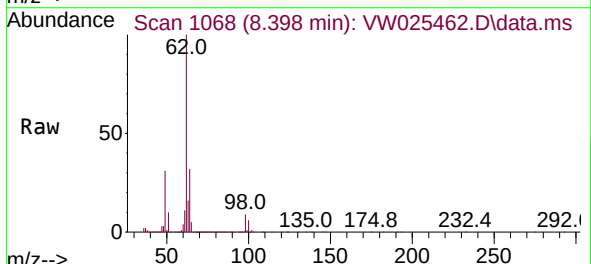
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

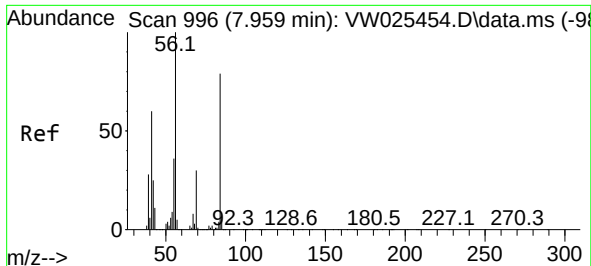
Tgt Ion: 83 Resp: 488081
Ion Ratio Lower Upper
83 100
85 62.0 44.7 82.9



#27
1,2-Dichloroethane
Concen: 27.393 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

Tgt Ion: 62 Resp: 362999
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8

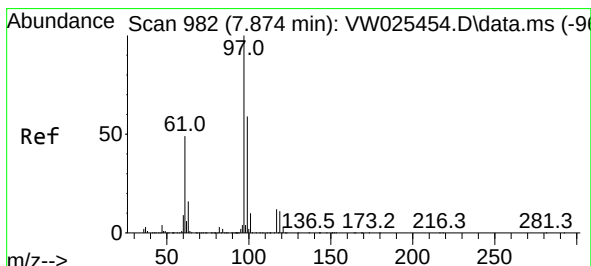
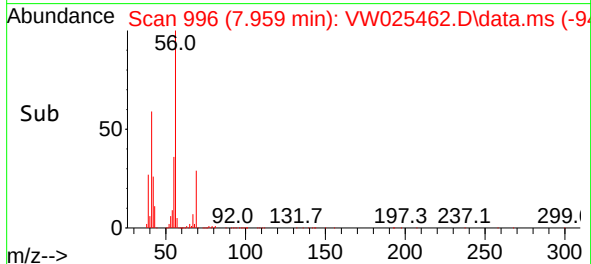
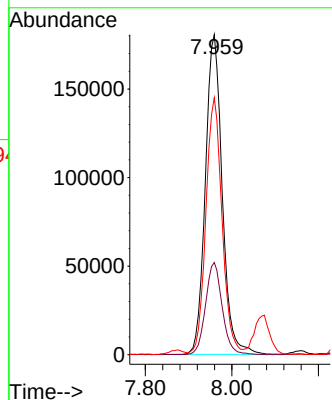
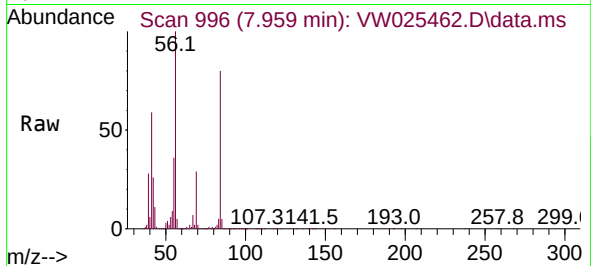




#29
Cyclohexane
Concen: 29.436 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

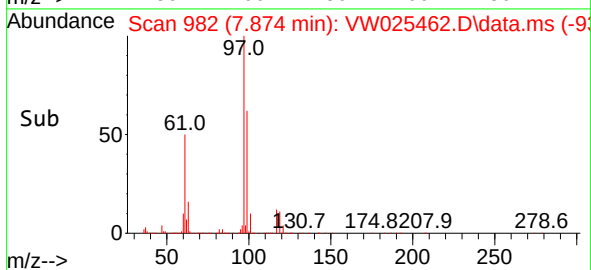
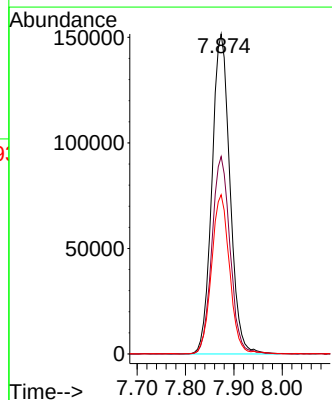
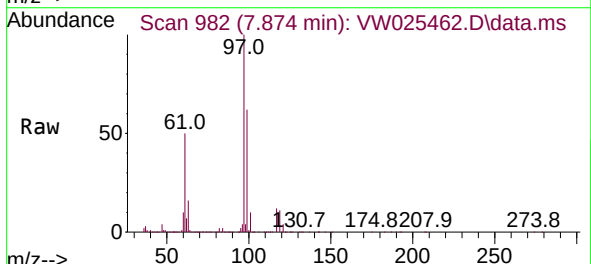
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

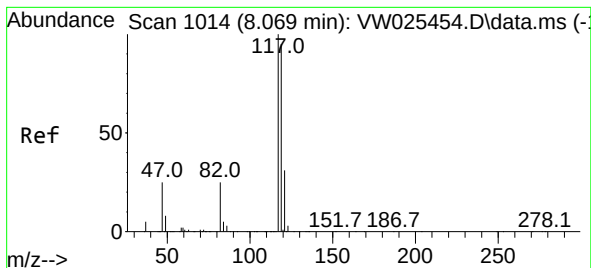
Tgt Ion: 56 Resp: 488808
Ion Ratio Lower Upper
56 100
69 28.2 23.1 34.7
84 76.8 63.9 95.9



#30
1,1,1-Trichloroethane
Concen: 28.030 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

Tgt Ion: 97 Resp: 391993
Ion Ratio Lower Upper
97 100
99 62.2 50.9 76.3
61 49.4 39.8 59.6

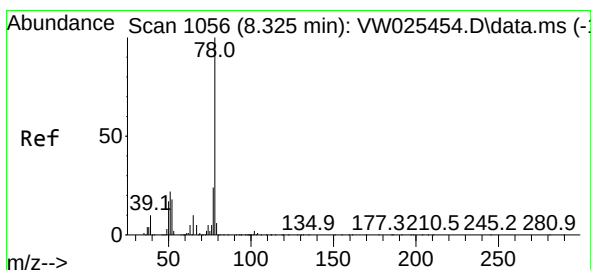
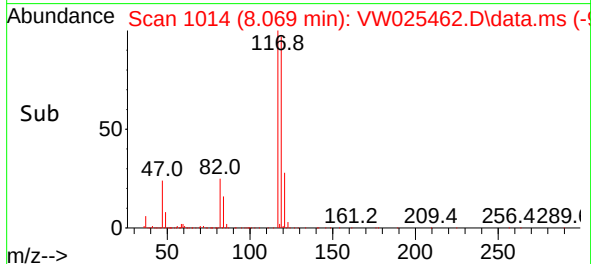
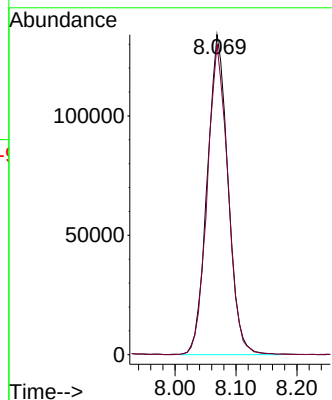
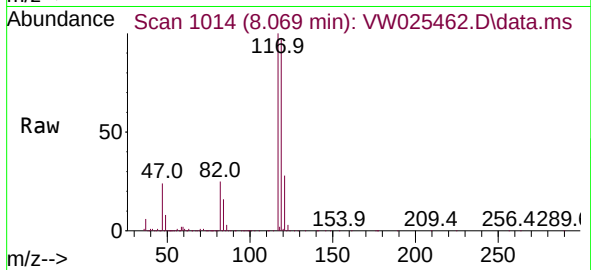




#31
Carbon tetrachloride
Concen: 25.409 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

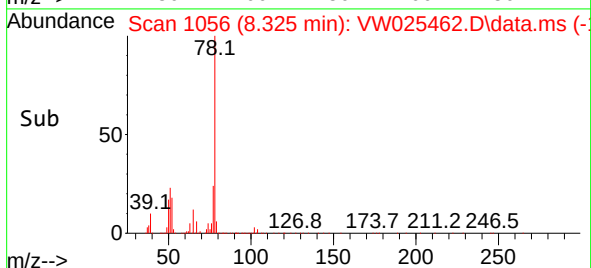
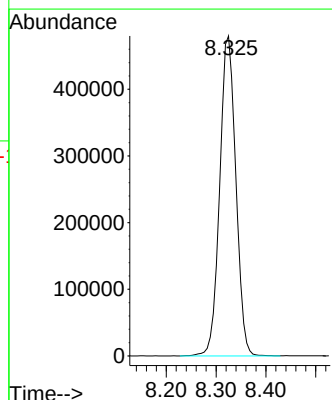
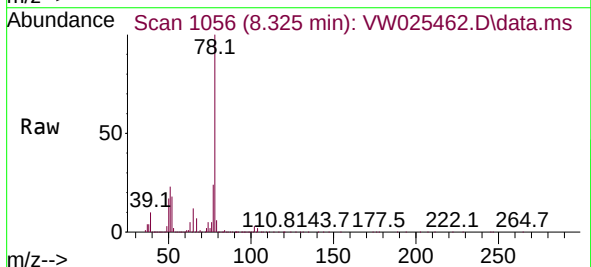
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

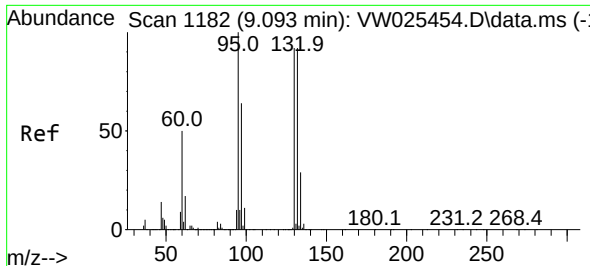
Tgt Ion:117 Resp: 318524
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.6



#33
Benzene
Concen: 28.677 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

Tgt Ion: 78 Resp: 1078599



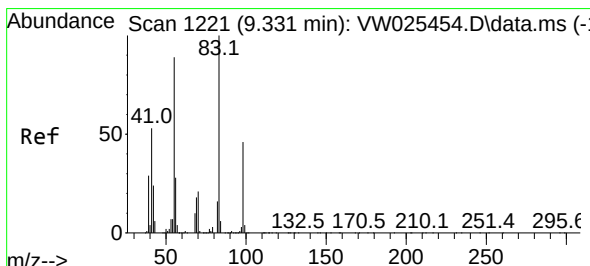
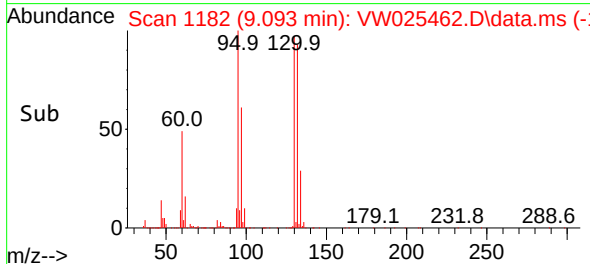
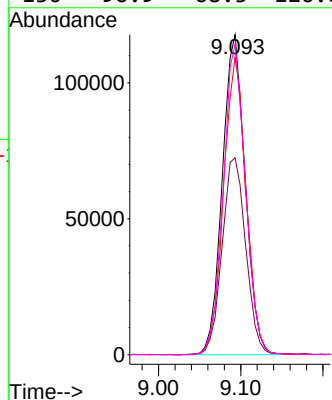
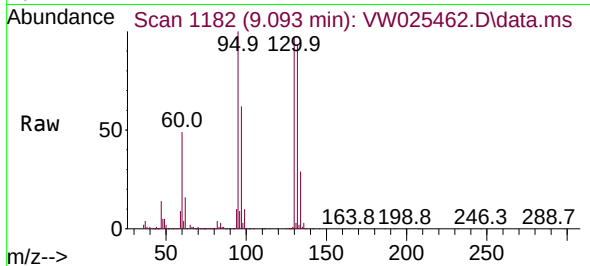


#34
Trichloroethene
Concen: 23.038 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

Tgt Ion: 95 Resp: 227423

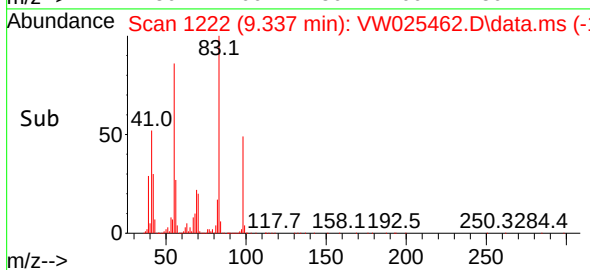
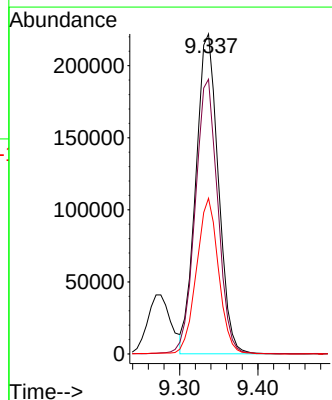
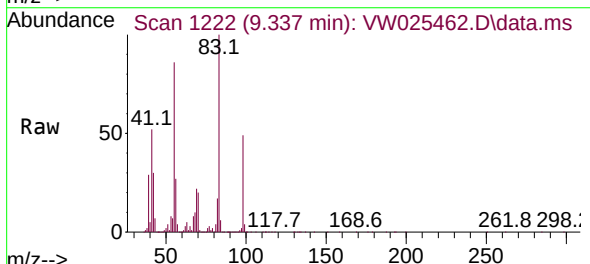
Ion	Ratio	Lower	Upper
95	100		
97	61.5	43.8	81.4
132	92.9	65.9	122.3
130	96.9	68.3	126.8

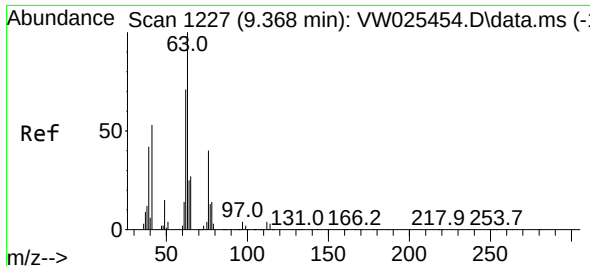


#35
Methylcyclohexane
Concen: 26.053 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

Tgt Ion: 83 Resp: 443048

Ion	Ratio	Lower	Upper
83	100		
55	85.9	68.2	102.4
98	47.8	39.0	58.4





#37

1,2-Dichloropropane

Concen: 29.349 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025462.D

Acq: 21 Mar 2023 12:41

Instrument :

MSVOA_W

ClientSampleId :

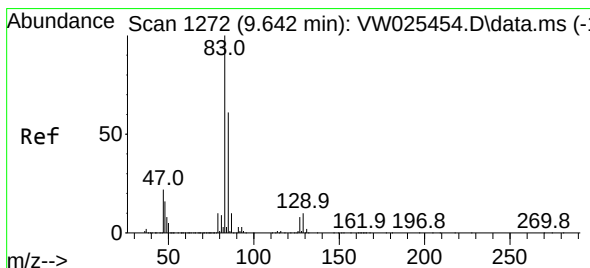
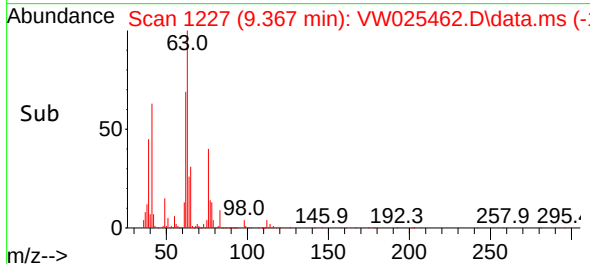
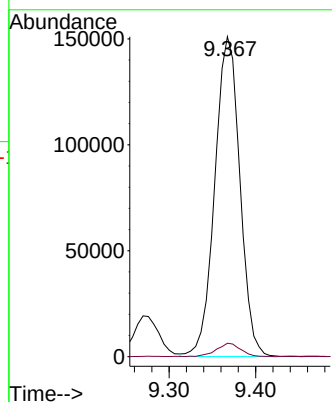
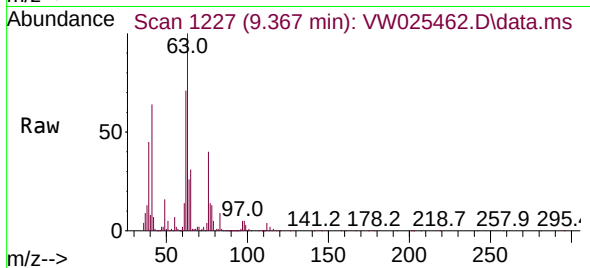
EYGA2MSD

Tgt Ion: 63 Resp: 303862

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 27.806 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025462.D

Acq: 21 Mar 2023 12:41

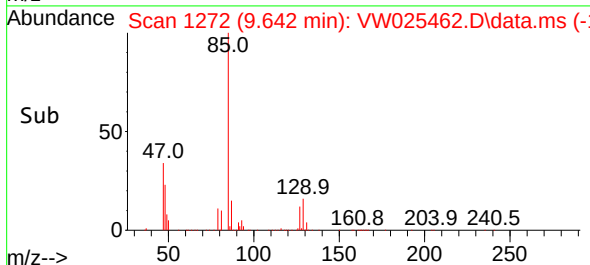
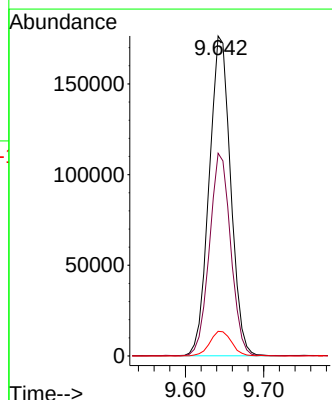
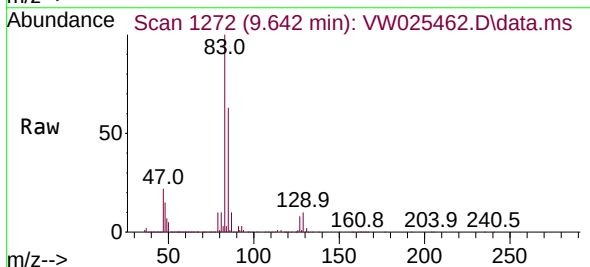
Tgt Ion: 83 Resp: 335738

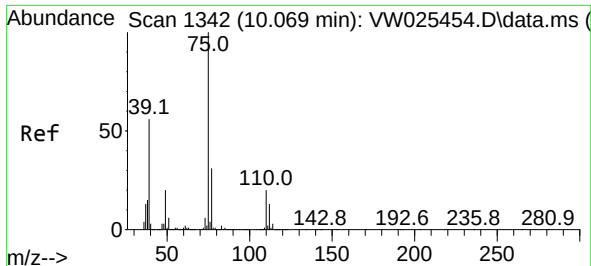
Ion Ratio Lower Upper

83 100

85 63.3 44.7 83.1

127 7.7 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 26.925 ug/L

RT: 10.068 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025462.D

Acq: 21 Mar 2023 12:41

Instrument :

MSVOA_W

ClientSampleId :

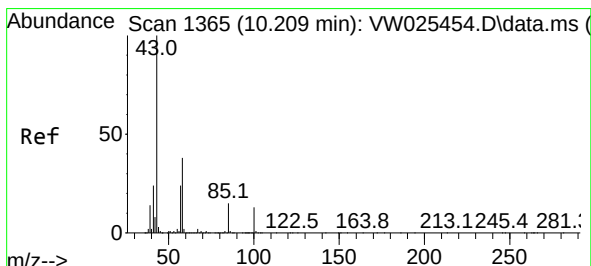
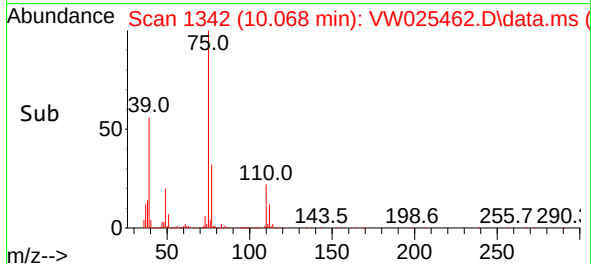
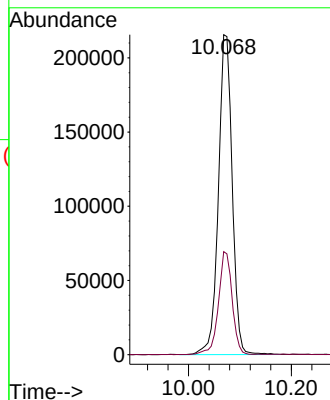
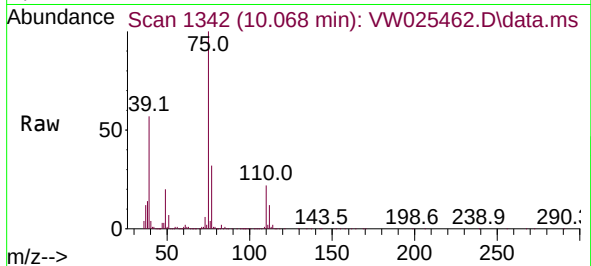
EYGA2MSD

Tgt Ion: 75 Resp: 401596

Ion Ratio Lower Upper

75 100

77 32.2 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 97.259 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025462.D

Acq: 21 Mar 2023 12:41

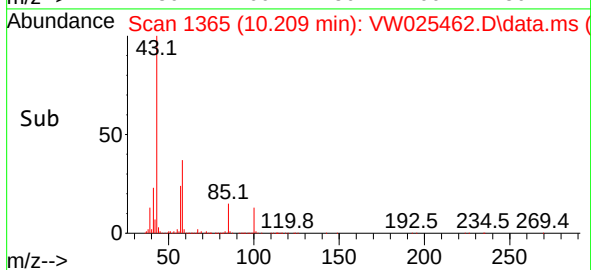
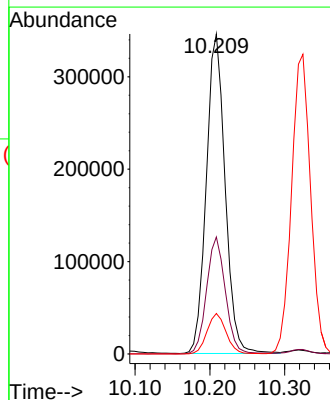
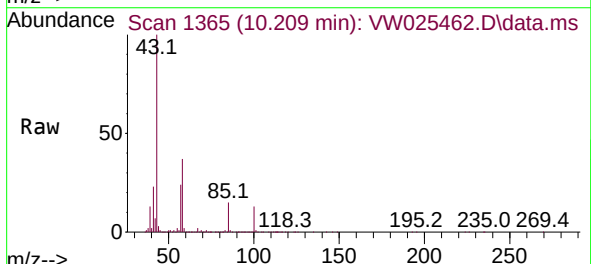
Tgt Ion: 43 Resp: 605205

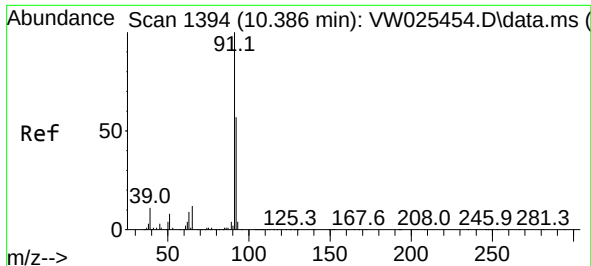
Ion Ratio Lower Upper

43 100

58 36.4 29.6 44.4

100 12.9 10.6 16.0

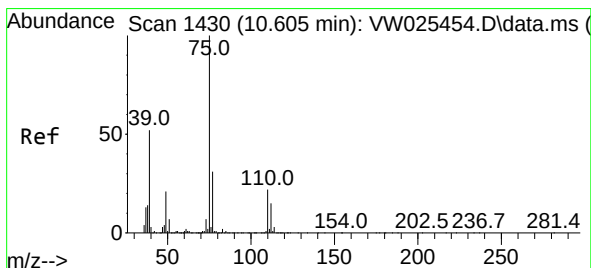
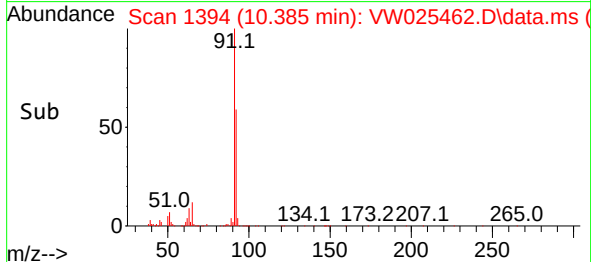
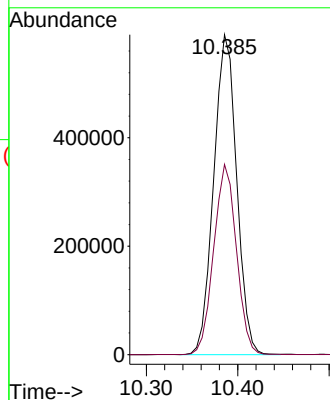
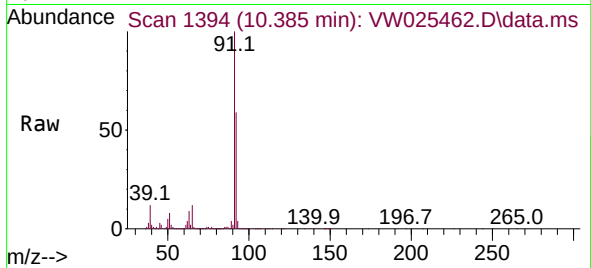




#42
Toluene
Concen: 26.507 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

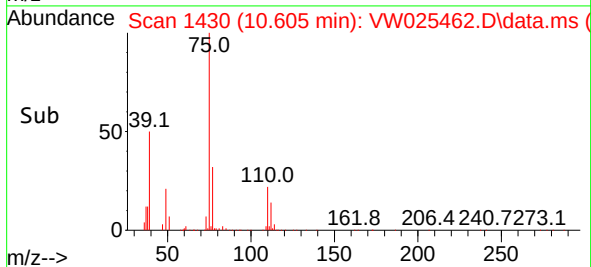
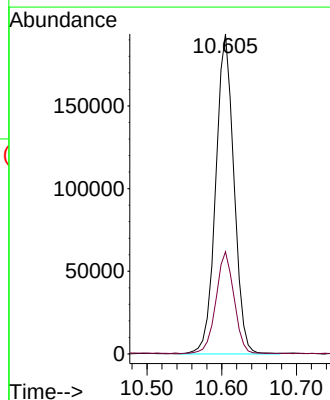
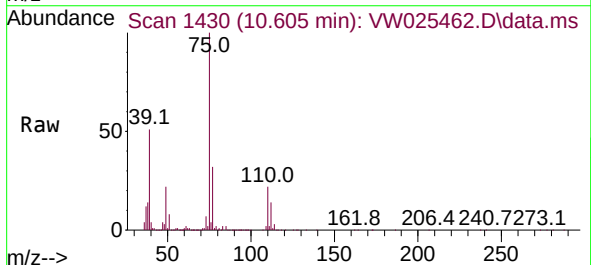
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

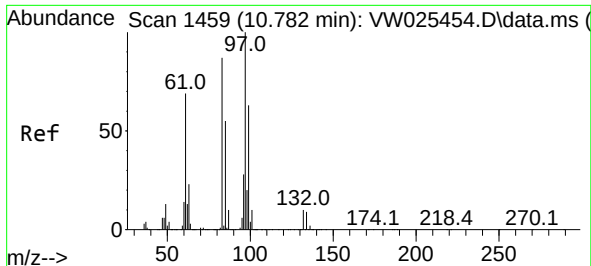
Tgt Ion: 91 Resp: 1029399
Ion Ratio Lower Upper
91 100
92 59.4 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 26.173 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

Tgt Ion: 75 Resp: 326919
Ion Ratio Lower Upper
75 100
77 31.9 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 32.320 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW025462.D

Acq: 21 Mar 2023 12:41

Instrument :

MSVOA_W

ClientSampleId :

EYGA2MSD

Tgt Ion: 97 Resp: 224714

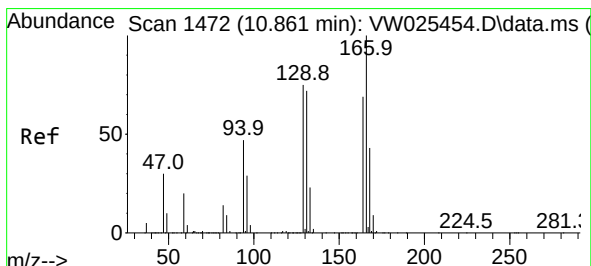
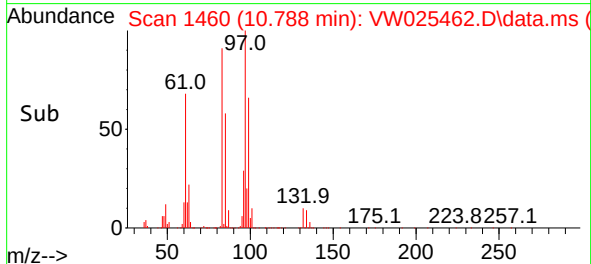
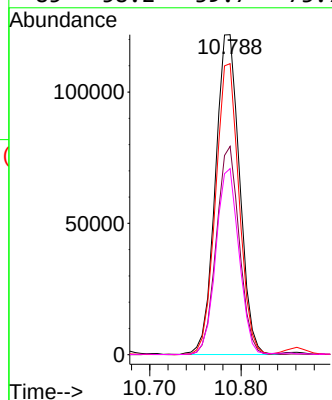
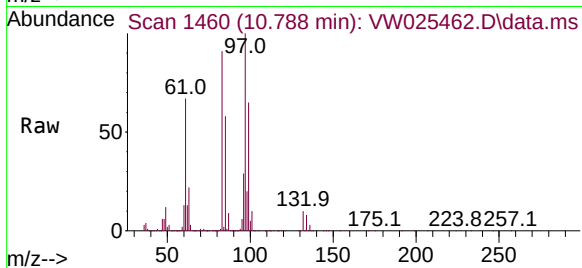
Ion Ratio Lower Upper

97 100

99 65.1 42.6 79.0

83 90.9 60.5 112.3

85 58.2 39.7 73.7



#46

Tetrachloroethene

Concen: 20.928 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW025462.D

Acq: 21 Mar 2023 12:41

Tgt Ion:164 Resp: 147001

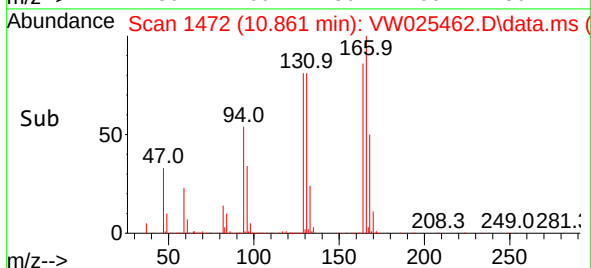
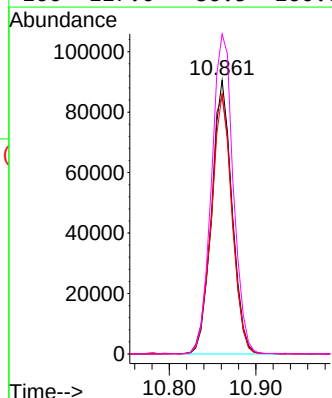
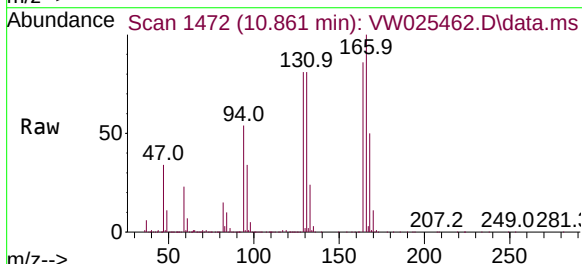
Ion Ratio Lower Upper

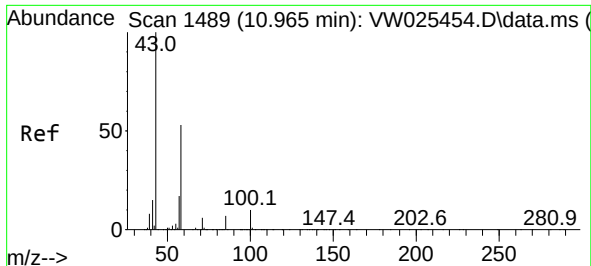
164 100

129 94.3 67.7 125.7

131 95.1 67.0 124.4

166 117.0 86.5 160.7

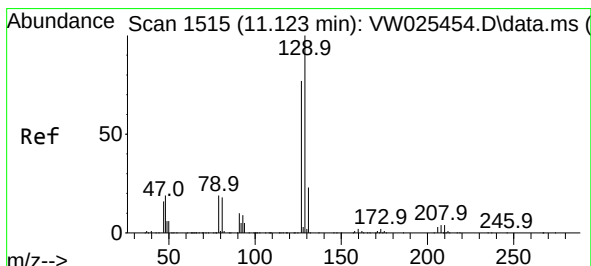
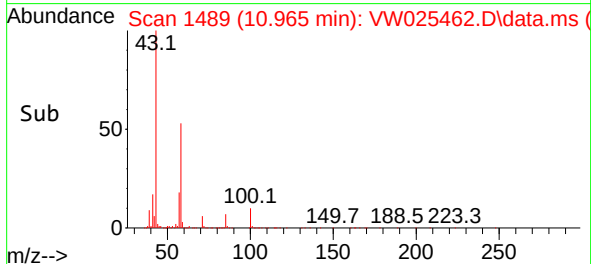
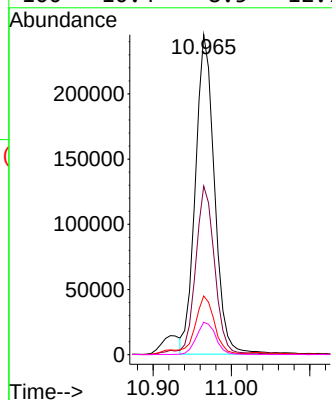
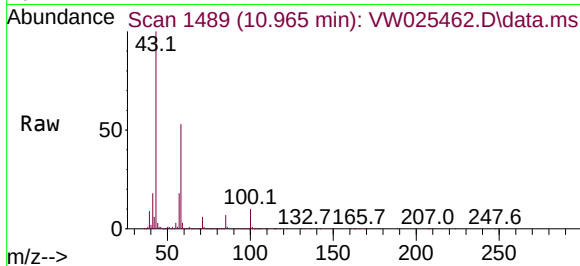




#48
2-Hexanone
Concen: 92.910 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

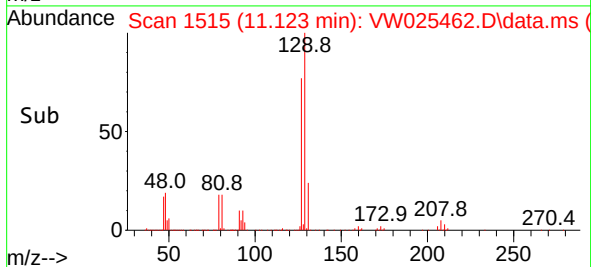
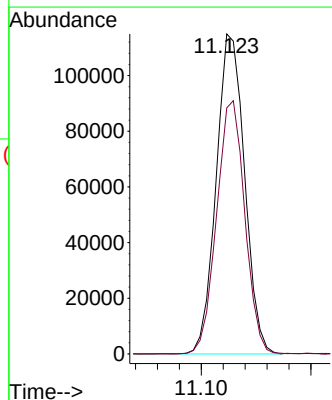
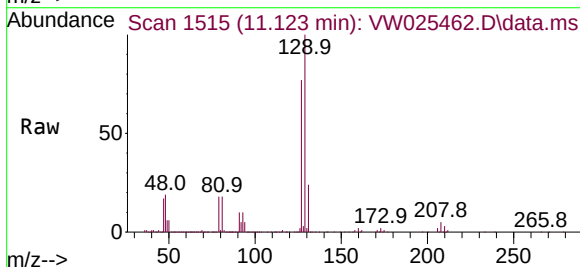
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

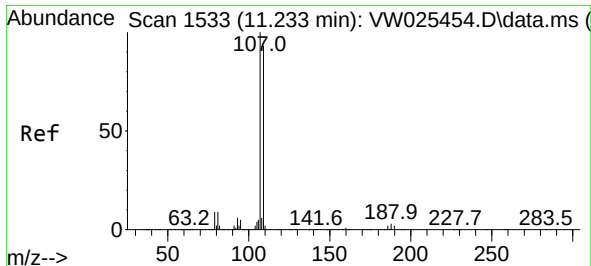
Tgt Ion: 43 Resp: 415948
Ion Ratio Lower Upper
43 100
58 50.9 41.2 61.8
57 18.5 14.2 21.4
100 10.4 8.5 12.7



#49
Dibromochloromethane
Concen: 27.826 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

Tgt Ion: 129 Resp: 206716
Ion Ratio Lower Upper
129 100
127 76.9 52.8 98.2





#50

1,2-Dibromoethane

Concen: 29.488 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025462.D

Acq: 21 Mar 2023 12:41

Instrument :

MSVOA_W

ClientSampleId :

EYGA2MSD

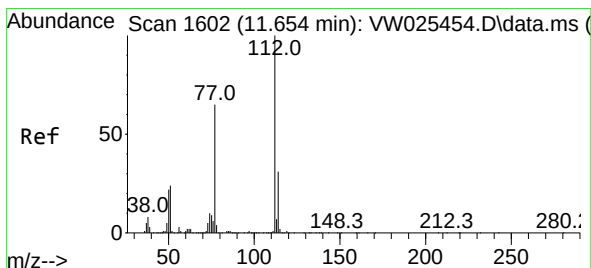
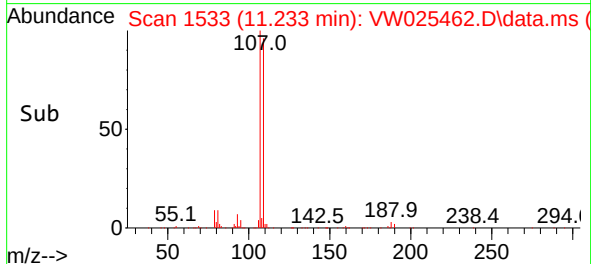
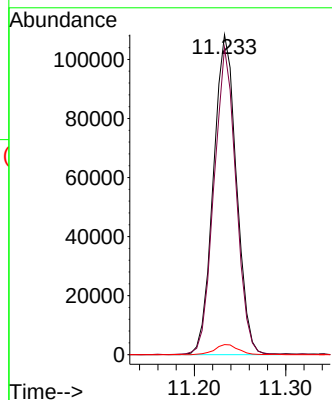
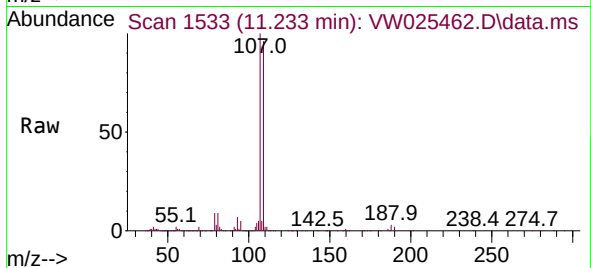
Tgt Ion:107 Resp: 189780

Ion Ratio Lower Upper

107 100

109 96.0 62.9 116.9

188 3.1 3.0 4.4



#51

Chlorobenzene

Concen: 21.247 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025462.D

Acq: 21 Mar 2023 12:41

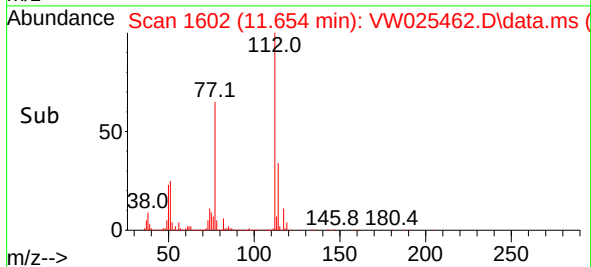
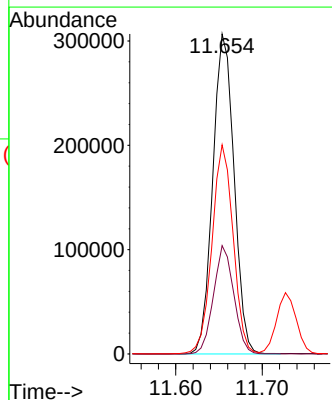
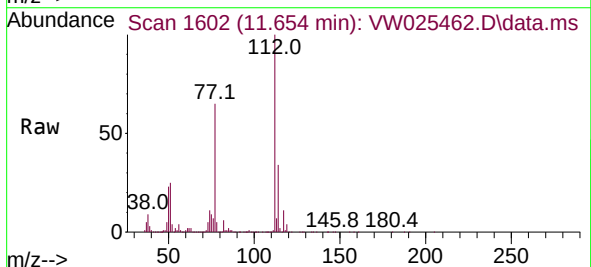
Tgt Ion:112 Resp: 523663

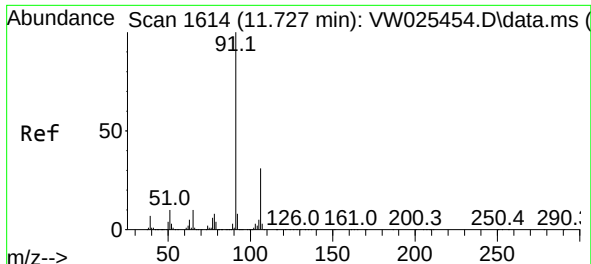
Ion Ratio Lower Upper

112 100

114 33.9 21.9 40.7

77 65.4 51.8 77.8

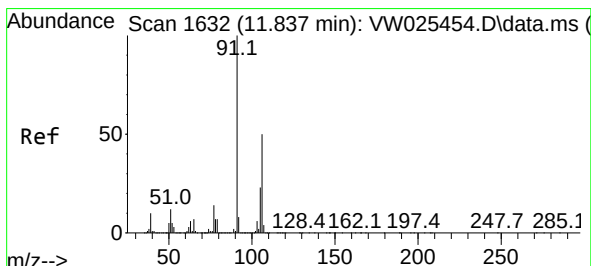
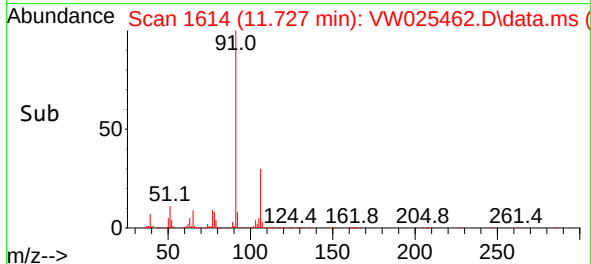
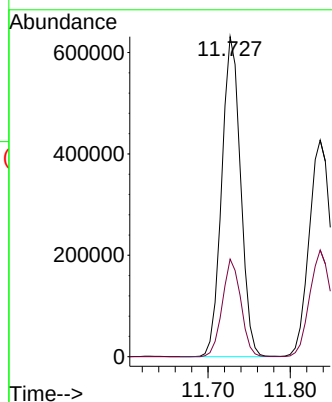
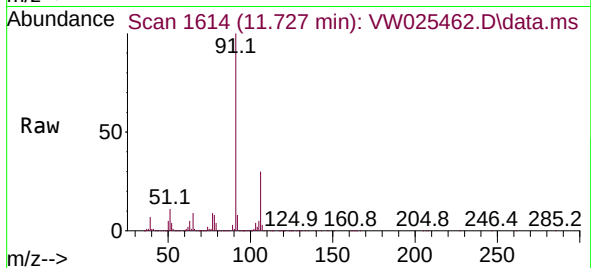




#52
Ethylbenzene
Concen: 22.728 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

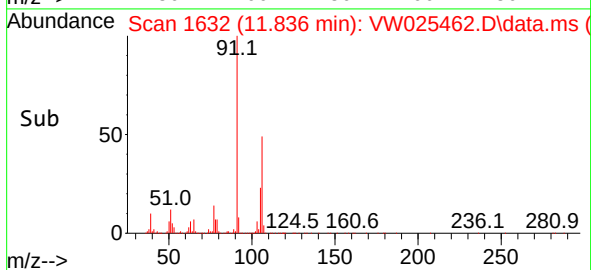
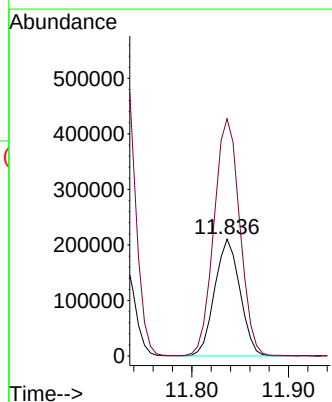
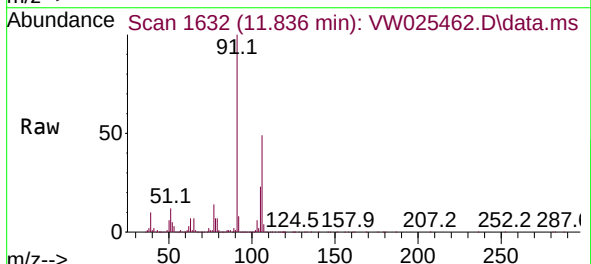
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

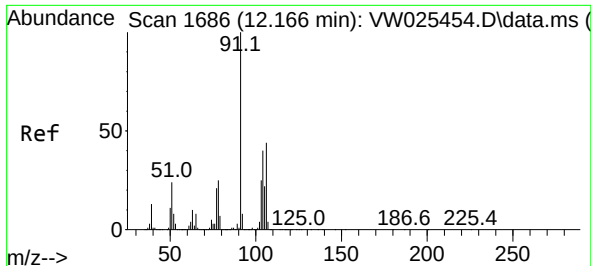
Tgt Ion: 91 Resp: 1006632
Ion Ratio Lower Upper
91 100
106 30.5 22.0 41.0



#53
m,p-Xylene
Concen: 23.343 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

Tgt Ion:106 Resp: 381325
Ion Ratio Lower Upper
106 100
91 203.0 144.2 267.8

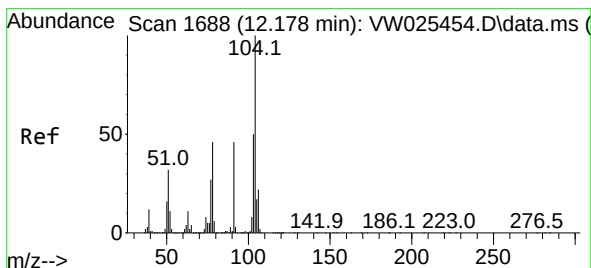
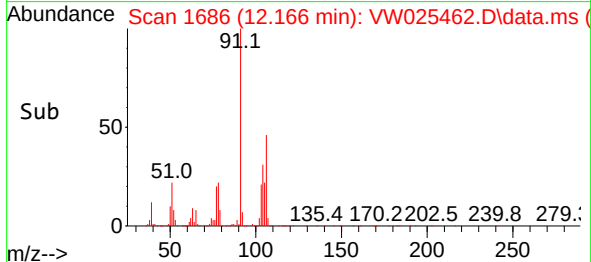
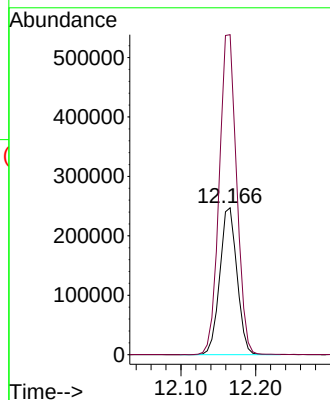
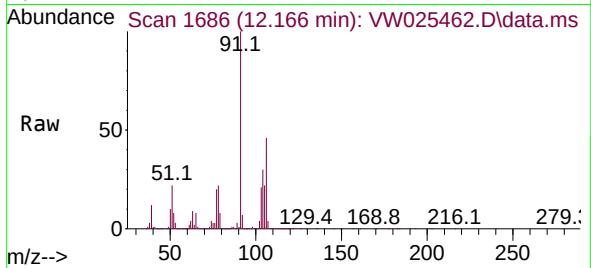




#54
o-Xylene
Concen: 25.755 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

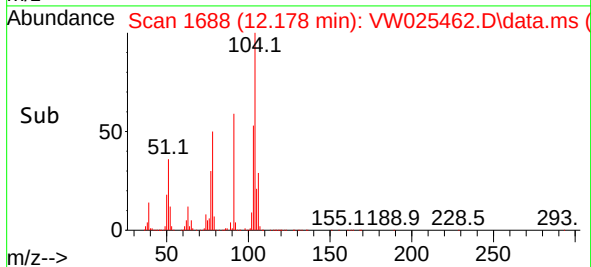
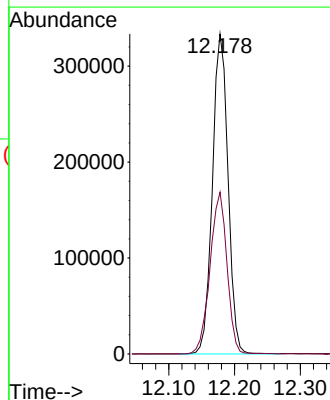
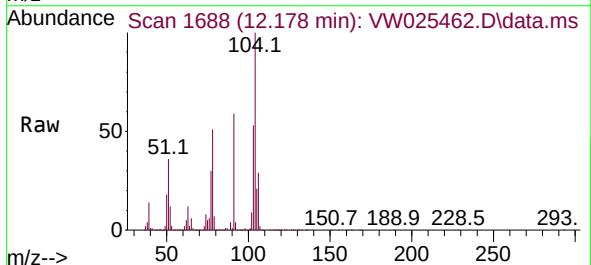
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

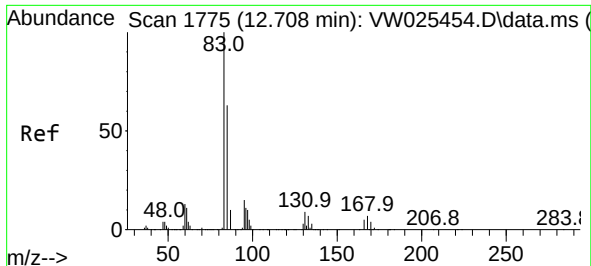
Tgt Ion:106 Resp: 395907
Ion Ratio Lower Upper
106 100
91 217.8 154.6 287.2



#55
Styrene
Concen: 21.015 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

Tgt Ion:104 Resp: 551654
Ion Ratio Lower Upper
104 100
78 50.5 31.1 57.9





#57

1,1,2-Tetrachloroethane

Concen: 35.731 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025462.D

Acq: 21 Mar 2023 12:41

Instrument :

MSVOA_W

ClientSampleId :

EYGA2MSD

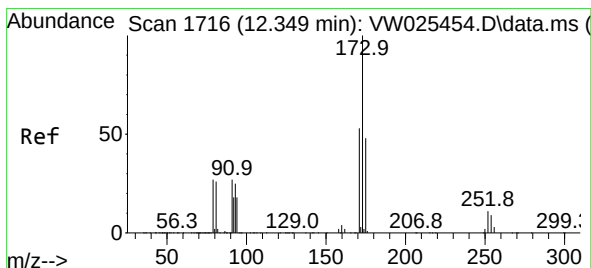
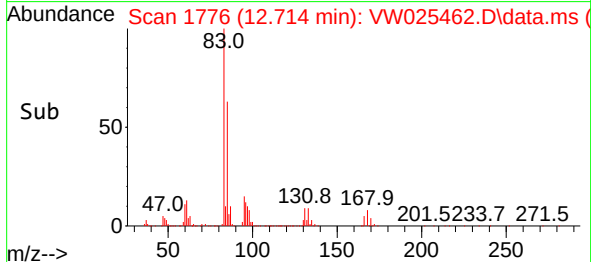
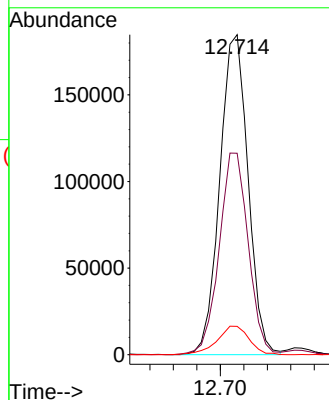
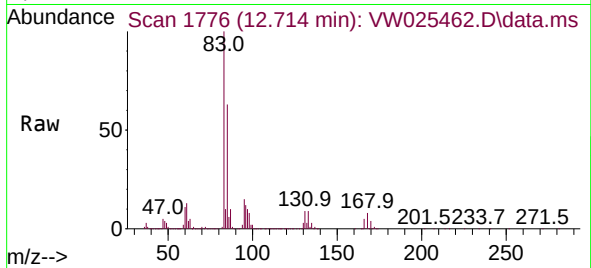
Tgt Ion: 83 Resp: 309027

Ion Ratio Lower Upper

83 100

85 63.0 45.4 84.2

131 8.9 8.0 12.0



#59

Bromoform

Concen: 43.068 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025462.D

Acq: 21 Mar 2023 12:41

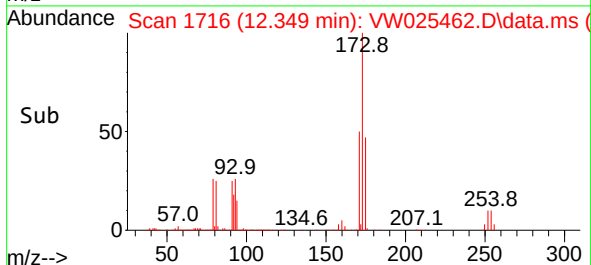
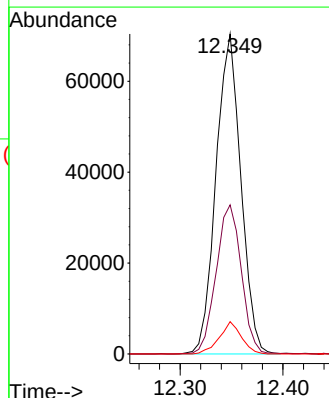
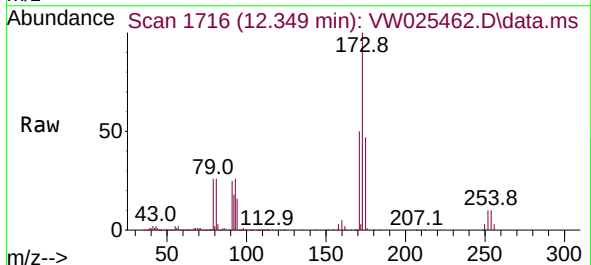
Tgt Ion: 173 Resp: 118345

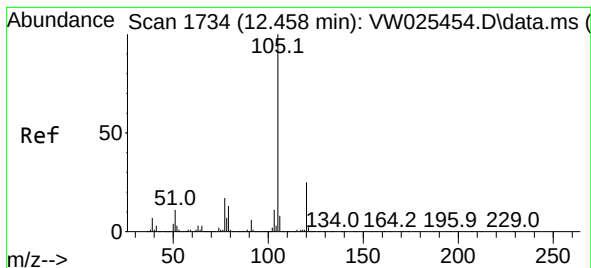
Ion Ratio Lower Upper

173 100

175 47.2 38.6 57.8

254 8.9 7.9 11.9





#60

Isopropylbenzene

Concen: 35.259 ug/L

RT: 12.458 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025462.D

Acq: 21 Mar 2023 12:41

Instrument :

MSVOA_W

ClientSampleId :

EYGA2MSD

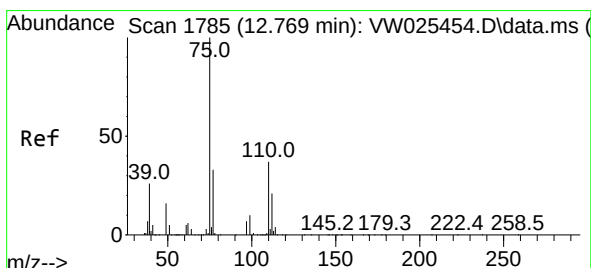
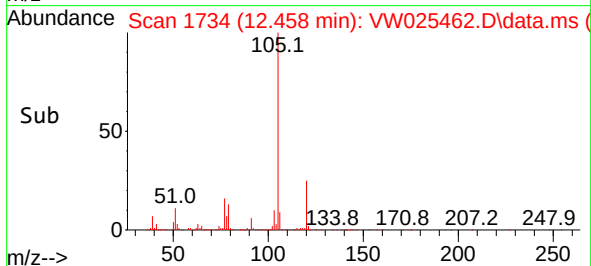
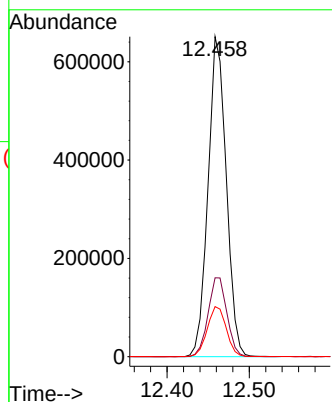
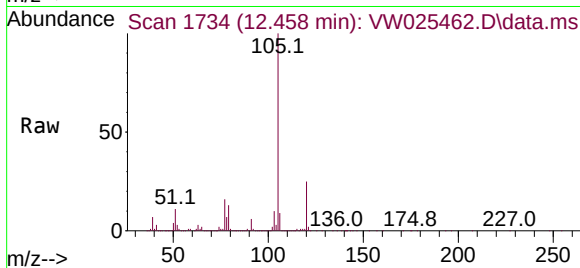
Tgt Ion:105 Resp: 1001054

Ion Ratio Lower Upper

105 100

120 25.5 20.9 31.3

77 16.3 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 56.115 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW025462.D

Acq: 21 Mar 2023 12:41

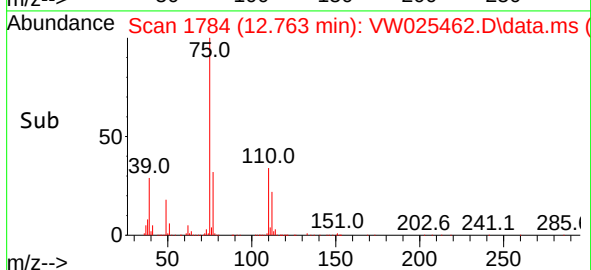
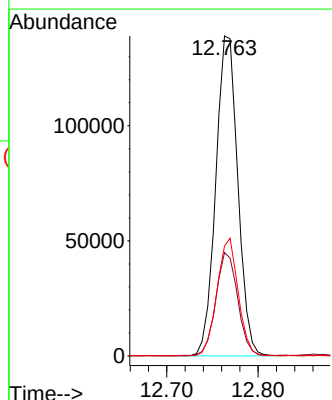
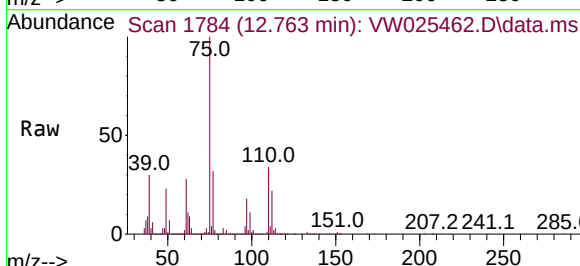
Tgt Ion: 75 Resp: 232853

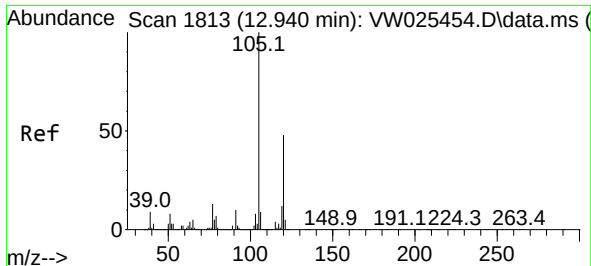
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

110 35.2 28.9 43.3





#62

1,3,5-Trimethylbenzene

Concen: 35.604 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW025462.D

Acq: 21 Mar 2023 12:41

Instrument :

MSVOA_W

ClientSampleId :

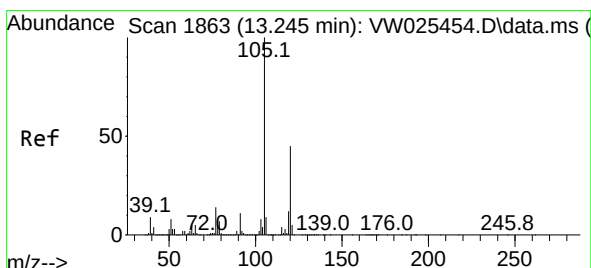
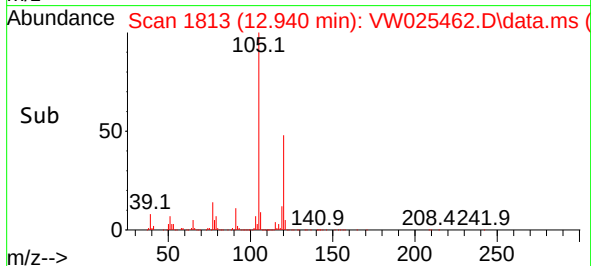
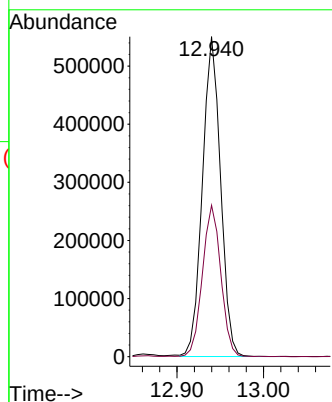
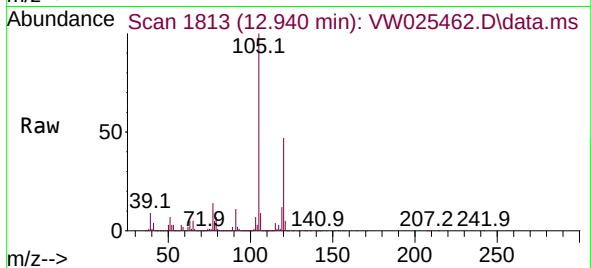
EYGA2MSD

Tgt Ion:105 Resp: 800595

Ion Ratio Lower Upper

105 100

120 47.9 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 33.835 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW025462.D

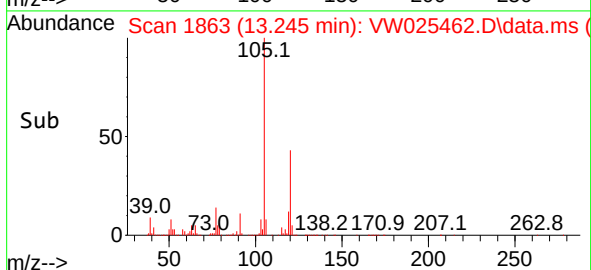
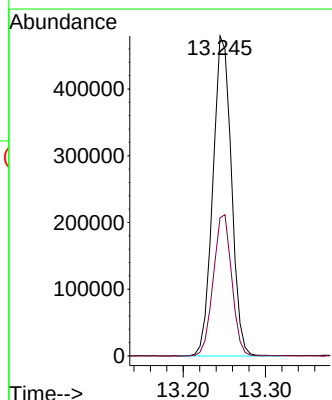
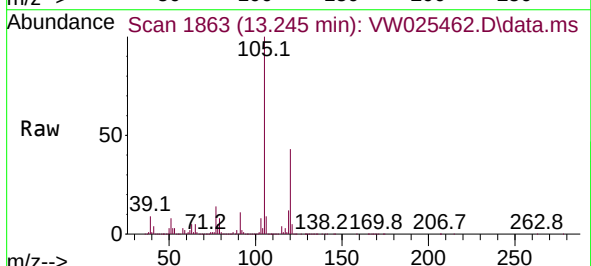
Acq: 21 Mar 2023 12:41

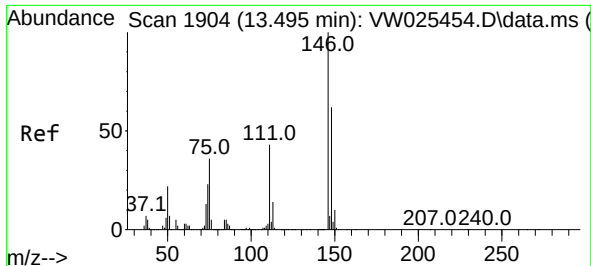
Tgt Ion:105 Resp: 749509

Ion Ratio Lower Upper

105 100

120 44.0 36.0 54.0

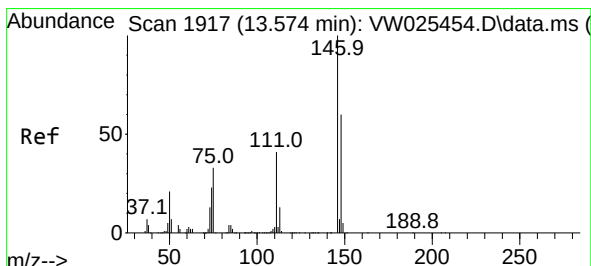
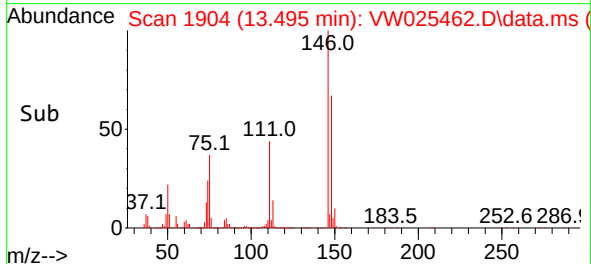
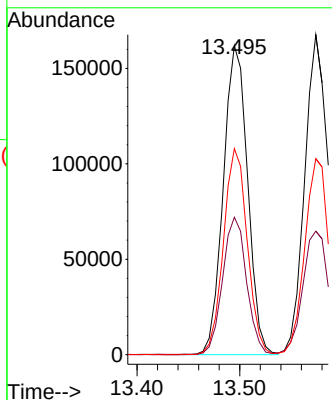
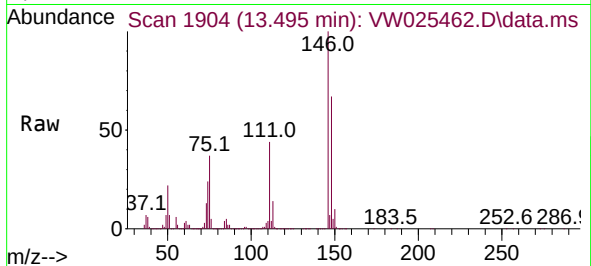




#64
1,3-Dichlorobenzene
Concen: 22.160 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

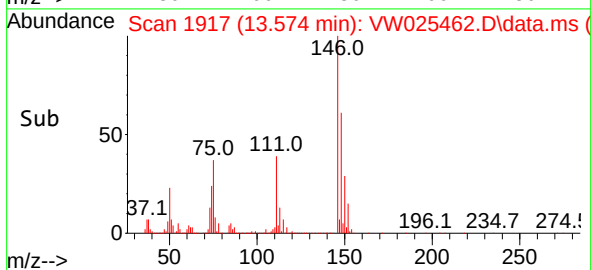
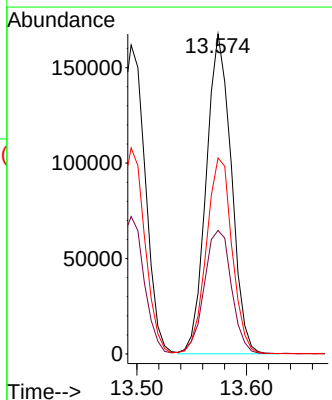
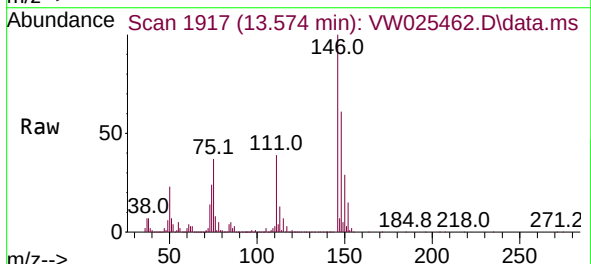
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

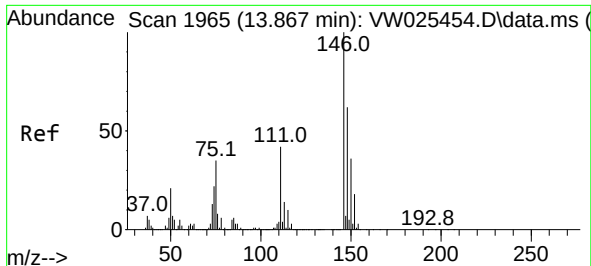
Tgt Ion:146 Resp: 266600
Ion Ratio Lower Upper
146 100
111 44.5 29.7 55.1
148 66.7 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 21.658 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

Tgt Ion:146 Resp: 267272
Ion Ratio Lower Upper
146 100
111 38.6 28.2 52.4
148 61.3 39.8 73.8





#67

1,2-Dichlorobenzene

Concen: 26.514 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025462.D

Acq: 21 Mar 2023 12:41

Instrument :

MSVOA_W

ClientSampleId :

EYGA2MSD

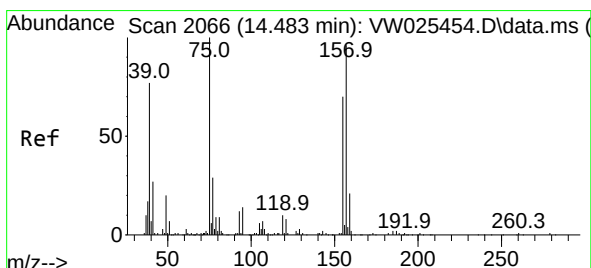
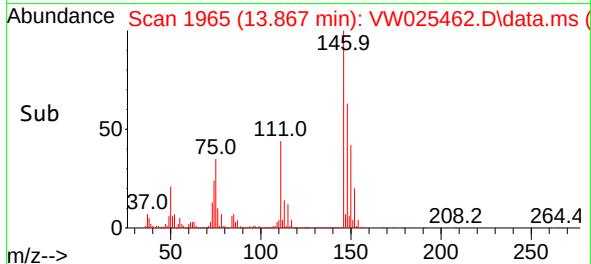
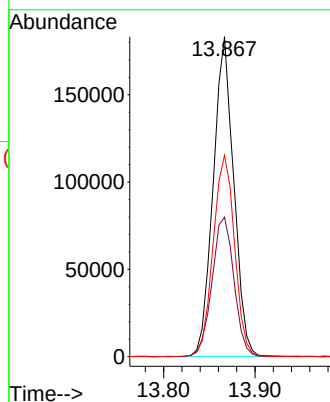
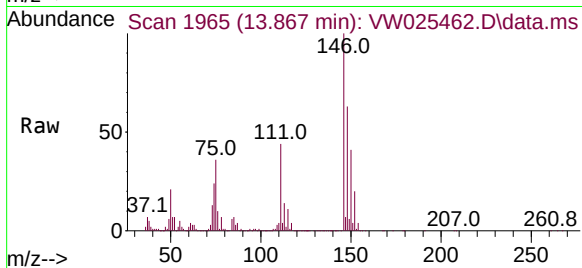
Tgt Ion:146 Resp: 286085

Ion Ratio Lower Upper

146 100

111 43.6 36.6 54.8

148 63.0 53.4 80.2



#68

1,2-Dibromo-3-chloropropane

Concen: 55.378 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW025462.D

Acq: 21 Mar 2023 12:41

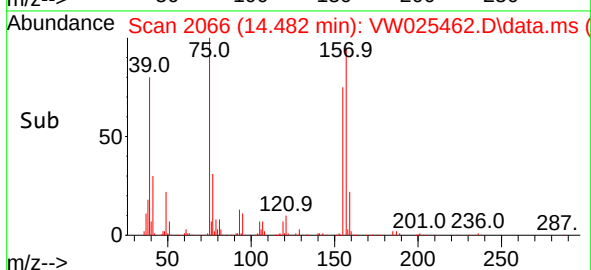
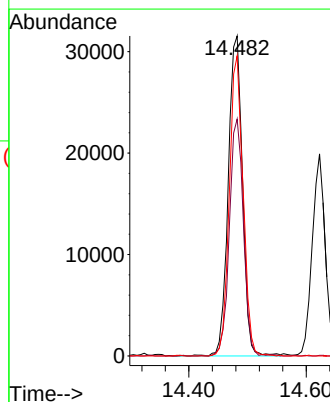
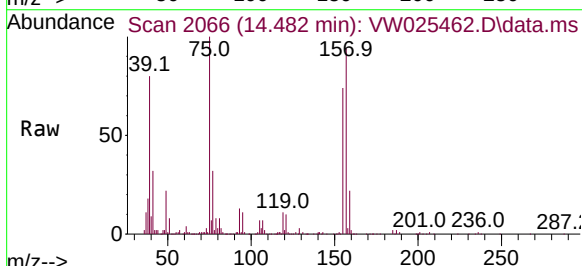
Tgt Ion: 75 Resp: 53199

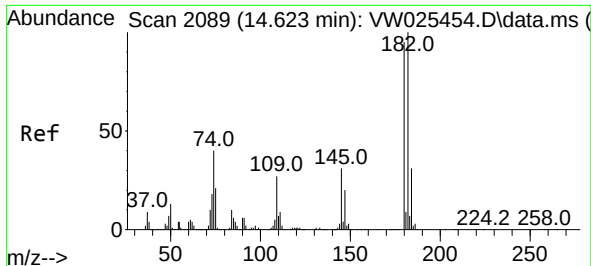
Ion Ratio Lower Upper

75 100

155 74.1 55.4 83.0

157 93.8 75.3 112.9

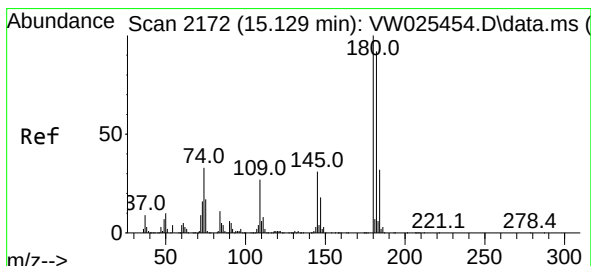
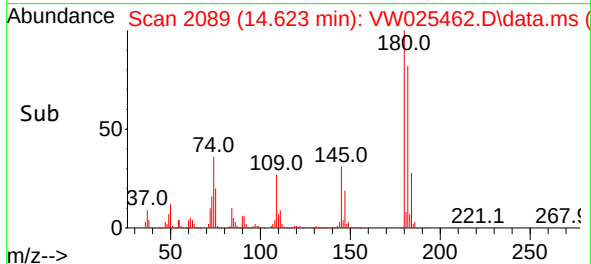
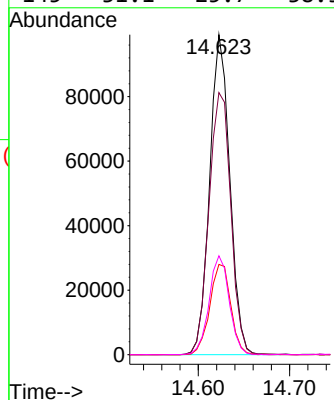
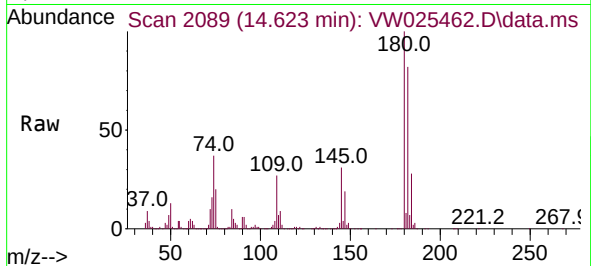




#69
 1,3,5-Trichlorobenzene
 Concen: 18.533 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW025462.D
 Acq: 21 Mar 2023 12:41

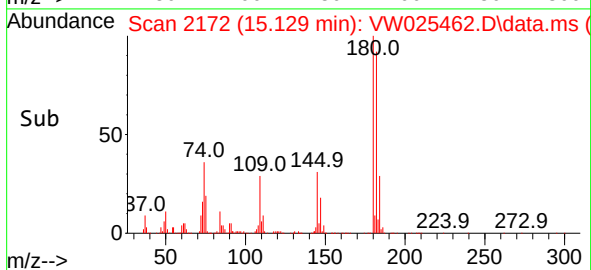
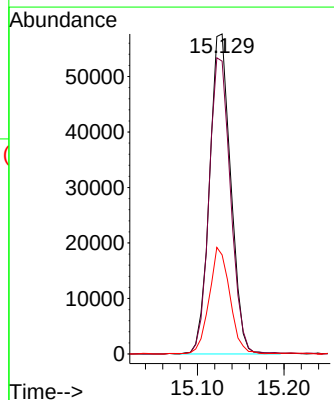
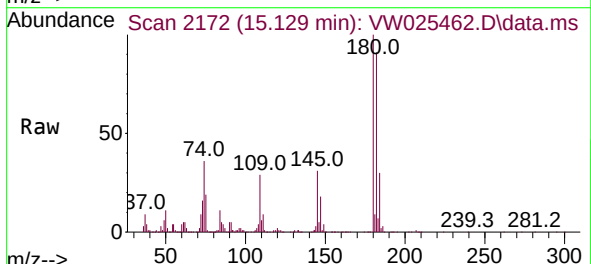
Instrument :
 MSVOA_W
 ClientSampleId :
 EYGA2MSD

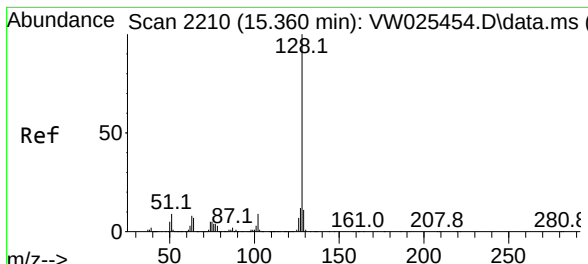
Tgt Ion:	180	Resp:	151566
Ion Ratio	Lower	Upper	
180	100		
182	89.0	77.1	115.7
184	29.4	24.7	37.1
145	31.1	25.7	38.5



#70
 1,2,4-trichlorobenzene
 Concen: 14.443 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: VW025462.D
 Acq: 21 Mar 2023 12:41

Tgt Ion:	180	Resp:	97935
Ion Ratio	Lower	Upper	
180	100		
182	93.4	75.5	113.3
145	32.5	25.2	37.8

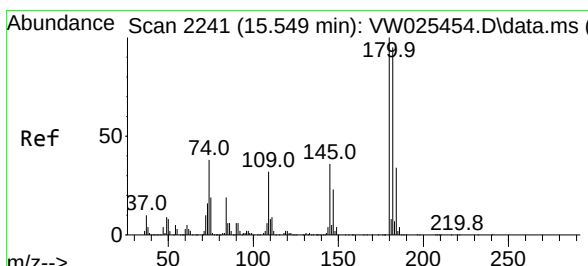
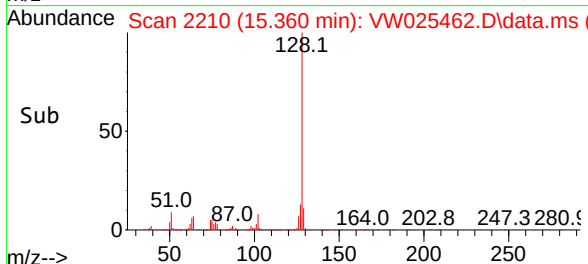
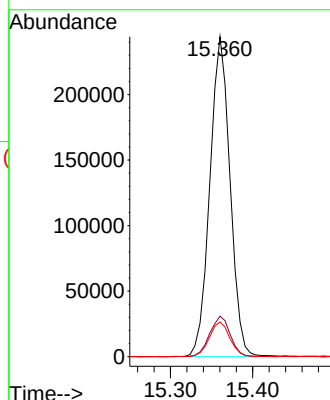
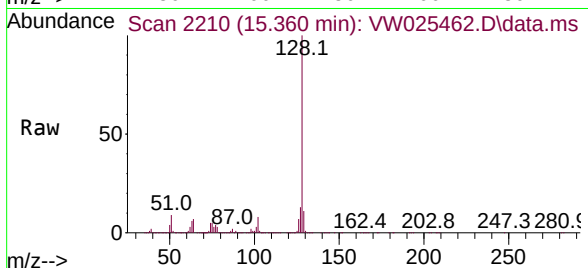




#71
Naphthalene
Concen: 31.101 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

Tgt Ion:	128	Resp:	416280
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	11.0	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 17.628 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW025462.D
Acq: 21 Mar 2023 12:41

Tgt Ion:	180	Resp:	107361
Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.6	114.8
145	34.5	27.7	41.5

