

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032023\
 Data File : VW025432.D
 Acq On : 20 Mar 2023 10:51
 Operator : SY/MD
 Sample : 01977-16MS
 Misc : 8.34g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EYGA2MS

Quant Time: Mar 20 23:50:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Mar 20 23:49:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	754197	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	625855	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	238766	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	240194	19.154	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.600%
7) Chloroethane-d5	2.899	69	196512	21.779	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.120%
11) 1,1-Dichloroethene-d2	4.033	63	512954	21.179	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.720%
21) 2-Butanone-d5	7.075	46	243678	79.166	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	158.340%#
24) Chloroform-d	7.648	84	536689	24.684	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.720%
26) 1,2-Dichloroethane-d4	8.306	65	325989	27.934	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.720%
32) Benzene-d6	8.276	84	1074243	25.120	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.480%
36) 1,2-Dichloropropane-d6	9.276	67	357153	26.997	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.000%
41) Toluene-d8	10.324	98	914956	24.267	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.080%
43) trans-1,3-Dichloroprop...	10.574	79	135183	25.661	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.640%
47) 2-Hexanone-d5	10.922	63	158844	83.498	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	167.000%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	333008	34.358	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	137.440%#
66) 1,2-Dichlorobenzene-d4	13.848	152	238675	26.881	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.520%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	166070	19.268	ug/L #	87
3) Chloromethane	2.228	50	240503	23.462	ug/L	99
5) Vinyl chloride	2.381	62	272382	23.519	ug/L	96
6) Bromomethane	2.789	94	144504	23.404	ug/L	98
8) Chloroethane	2.935	64	158544	23.819	ug/L	96
9) Trichlorofluoromethane	3.271	101	205021	20.453	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	234785	24.153	ug/L	99
12) 1,1-Dichloroethene	4.051	96	214485	22.805	ug/L	95
13) Acetone	4.124	43	178665	60.381	ug/L	98
14) Carbon disulfide	4.392	76	640574	21.906	ug/L	99
15) Methyl Acetate	4.673	43	181968	32.781	ug/L	98
16) Methylene chloride	4.923	84	258469	24.612	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	227866	23.112	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	467845	31.520	ug/L	95
19) 1,1-Dichloroethane	6.221	63	507112	24.838	ug/L	99
20) cis-1,2-Dichloroethene	7.172	96	259324	24.024	ug/L #	91
22) 2-Butanone	7.172	43	245778	64.210	ug/L	100
23) Bromochloromethane	7.514	128	121451	26.164	ug/L	91
25) Chloroform	7.678	83	471025	24.542	ug/L	99

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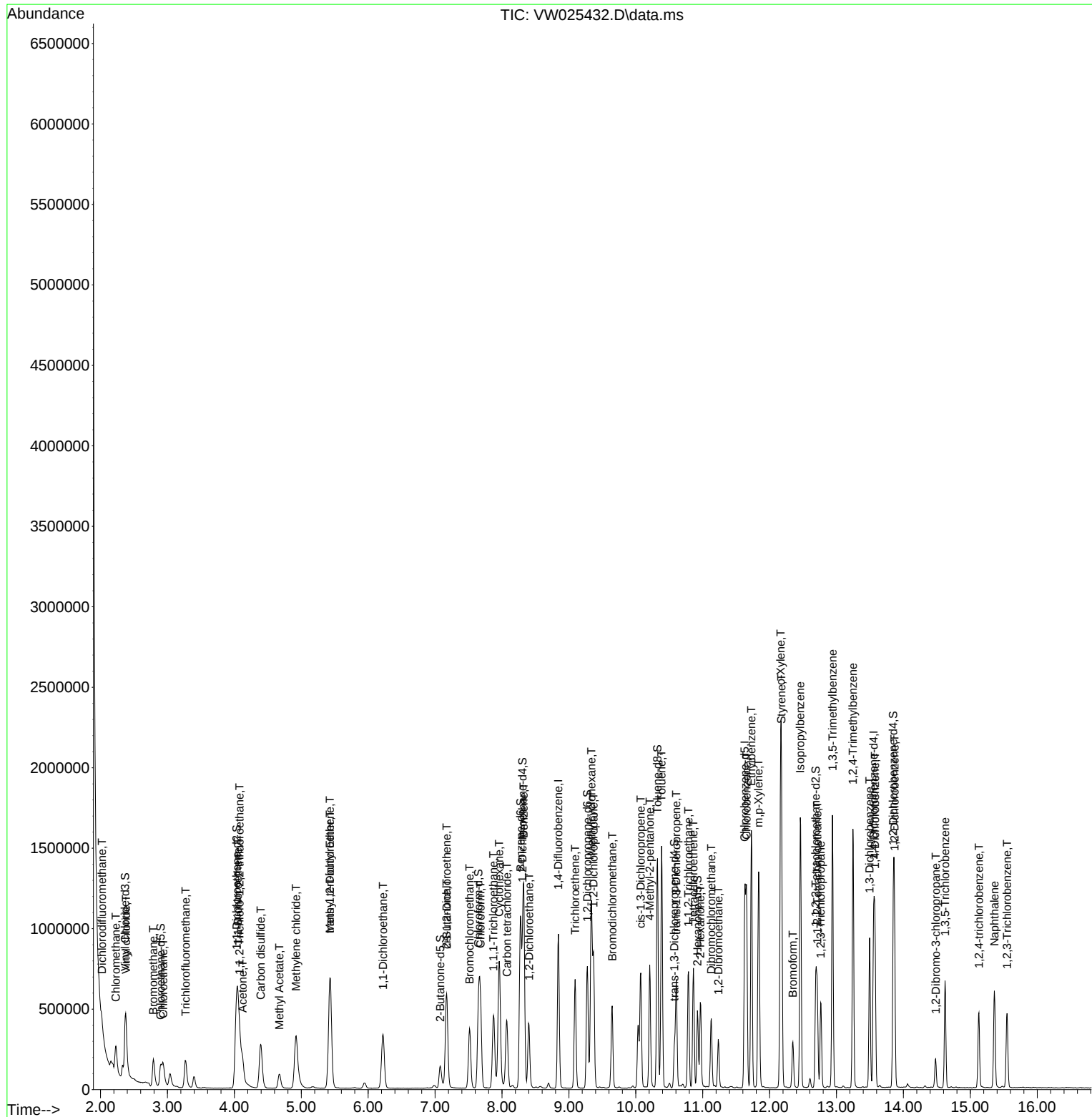
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	360901	28.177	ug/L	99
29) Cyclohexane	7.959	56	469594	26.582	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	370846	24.926	ug/L	99
31) Carbon tetrachloride	8.075	117	320269	24.015	ug/L	100
33) Benzene	8.325	78	1049269	26.223	ug/L	100
34) Trichloroethene	9.093	95	232455	22.134	ug/L	98
35) Methylcyclohexane	9.337	83	435697	24.083	ug/L	98
37) 1,2-Dichloropropane	9.367	63	299319	27.175	ug/L	100
38) Bromodichloromethane	9.648	83	341863	26.614	ug/L	100
39) cis-1,3-Dichloropropene	10.074	75	418492	26.374	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	518740	78.360	ug/L	100
42) Toluene	10.385	91	1049293	25.398	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	354333	26.665	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	221427	29.936	ug/L	99
46) Tetrachloroethene	10.861	164	161269	21.581	ug/L	98
48) 2-Hexanone	10.964	43	352767	74.068	ug/L	100
49) Dibromochloromethane	11.129	129	214511	27.142	ug/L	99
50) 1,2-Dibromoethane	11.233	107	194087	28.347	ug/L	95
51) Chlorobenzene	11.653	112	580245	22.129	ug/L	99
52) Ethylbenzene	11.727	91	1090406	23.142	ug/L	96
53) m,p-Xylene	11.836	106	412609	23.742	ug/L	98
54) o-Xylene	12.165	106	412376	25.216	ug/L	99
55) Styrene	12.178	104	643614	23.047	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	296442	32.219	ug/L	99
59) Bromoform	12.348	173	124319	36.089	ug/L	98
60) Isopropylbenzene	12.458	105	1062628	29.855	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	223332	42.931	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	858094	30.440	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	826746	29.771	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	340379	22.568	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	340941	22.038	ug/L	93
67) 1,2-Dichlorobenzene	13.866	146	352480	26.057	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	48581	40.339	ug/L	97
69) 1,3,5-Trichlorobenzene	14.622	180	189697	18.503	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	144394	16.986	ug/L	99
71) Naphthalene	15.360	128	497669	29.659	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	150556	19.719	ug/L	97

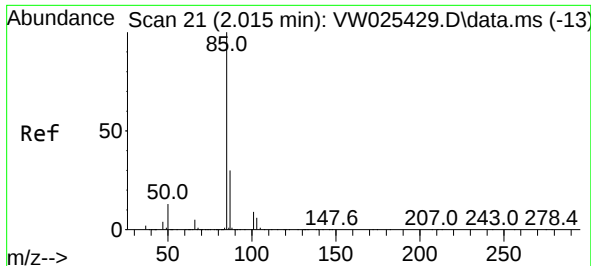
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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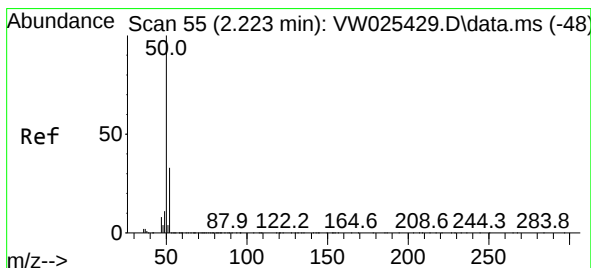
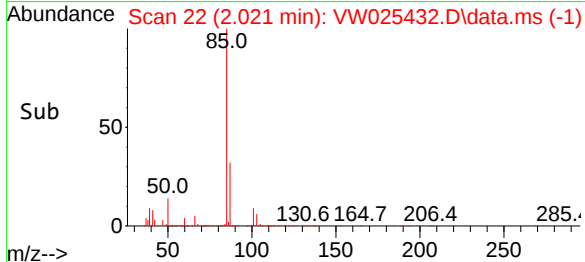
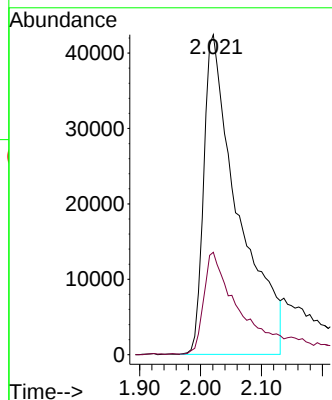
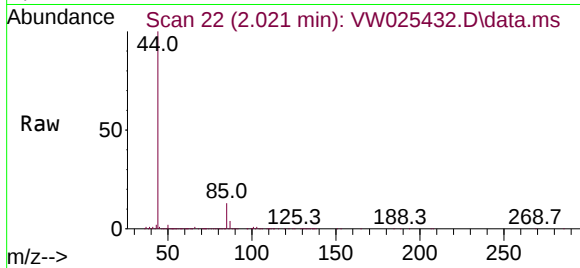




#2
 Dichlorodifluoromethane
 Concen: 19.268 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW025432.D
 Acq: 20 Mar 2023 10:51

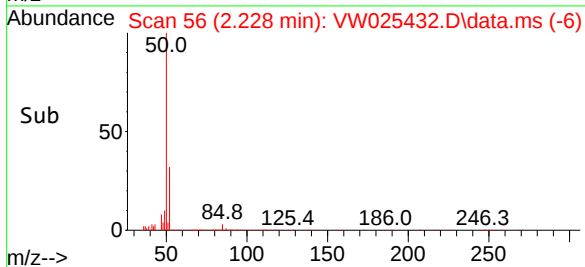
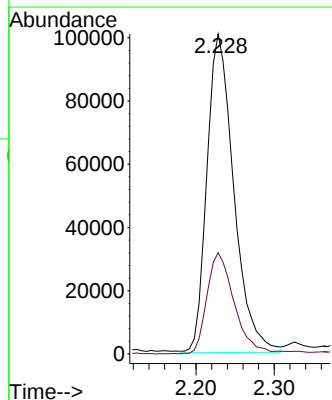
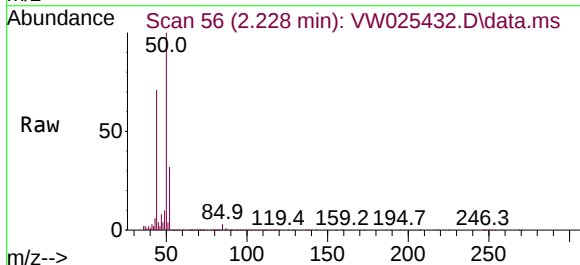
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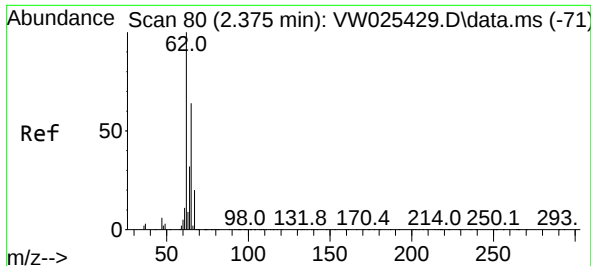
Tgt Ion: 85 Resp: 166070
 Ion Ratio Lower Upper
 85 100
 87 32.2 20.5 30.7#



#3
 Chloromethane
 Concen: 23.462 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW025432.D
 Acq: 20 Mar 2023 10:51

Tgt Ion: 50 Resp: 240503
 Ion Ratio Lower Upper
 50 100
 52 31.6 21.9 40.7

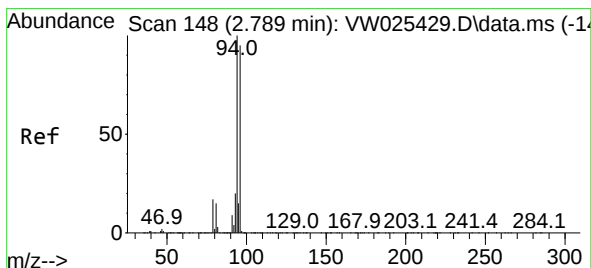
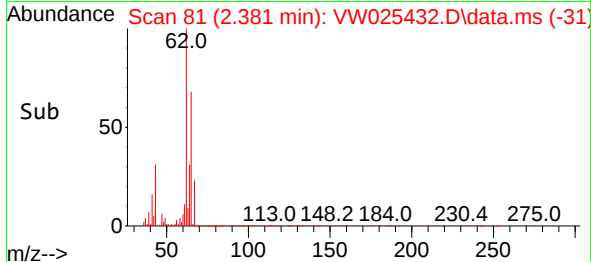
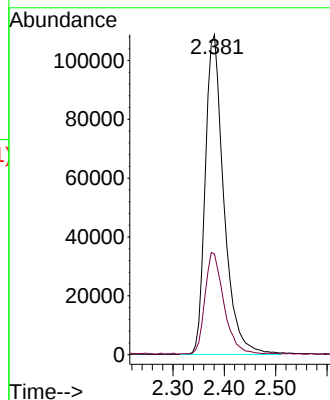
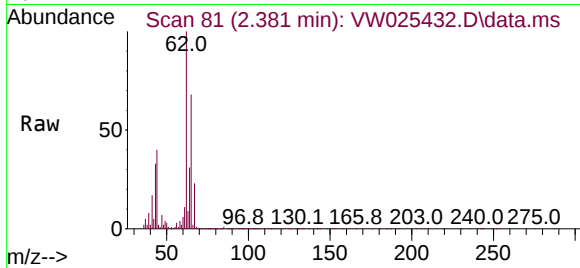




#5
 Vinyl chloride
 Concen: 23.519 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW025432.D
 Acq: 20 Mar 2023 10:51

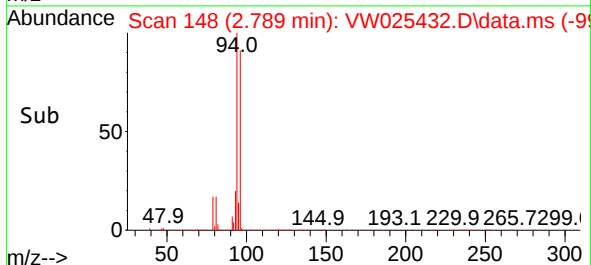
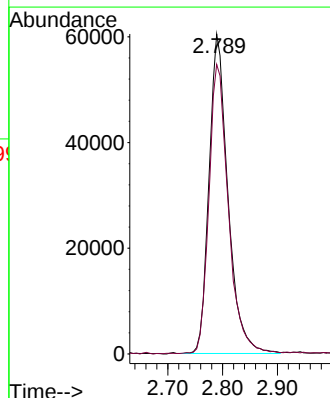
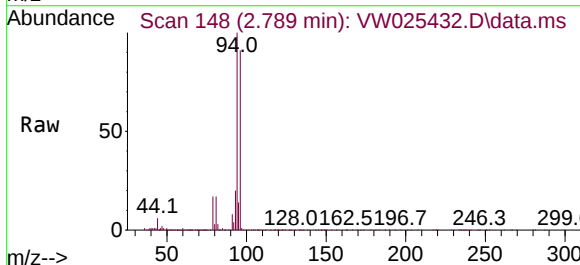
Instrument :
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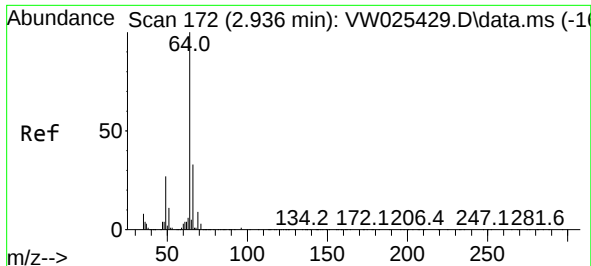
Tgt Ion: 62 Resp: 272382
 Ion Ratio Lower Upper
 62 100
 64 31.5 23.4 43.6



#6
 Bromomethane
 Concen: 23.404 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025432.D
 Acq: 20 Mar 2023 10:51

Tgt Ion: 94 Resp: 144504
 Ion Ratio Lower Upper
 94 100
 96 90.5 64.5 119.9

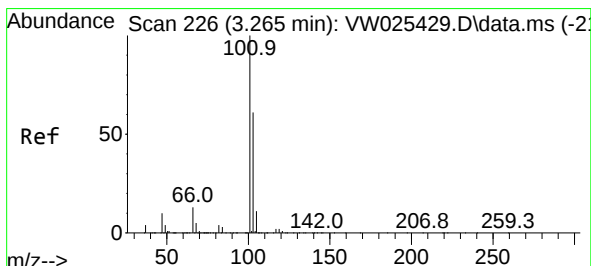
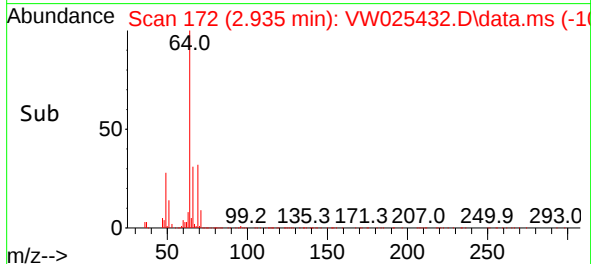
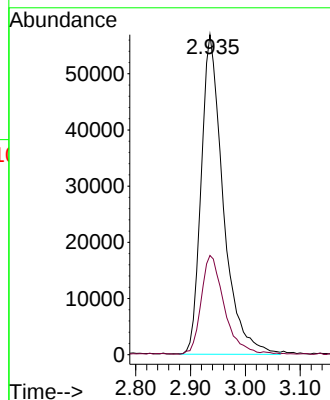
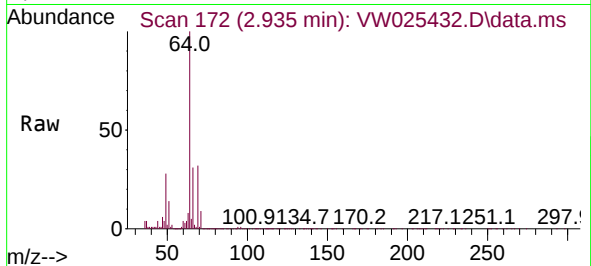




#8
Chloroethane
Concen: 23.819 ug/L
RT: 2.935 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025432.D
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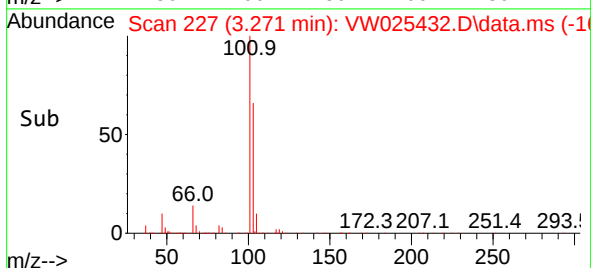
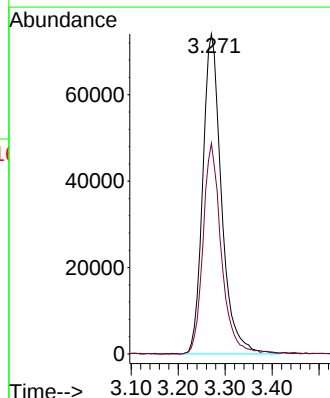
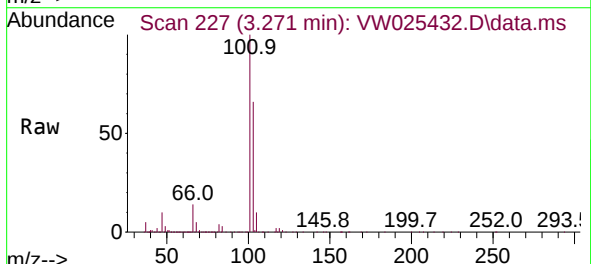
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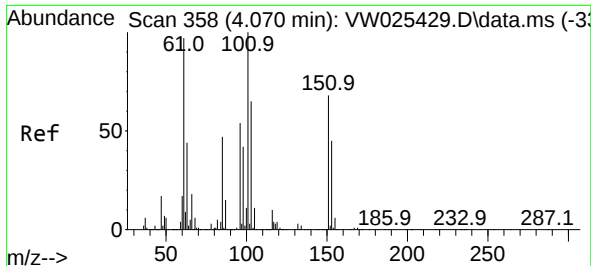
Tgt Ion: 64 Resp: 158544
Ion Ratio Lower Upper
64 100
66 31.0 23.3 43.3



#9
Trichlorofluoromethane
Concen: 20.453 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

Tgt Ion: 101 Resp: 205021
Ion Ratio Lower Upper
101 100
103 63.9 51.5 77.3

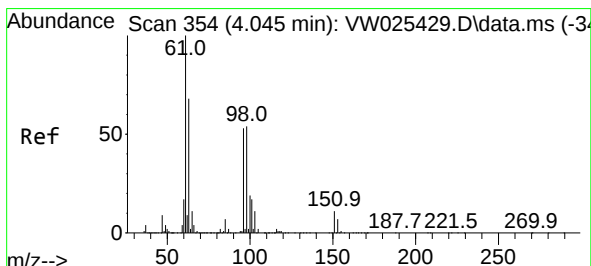
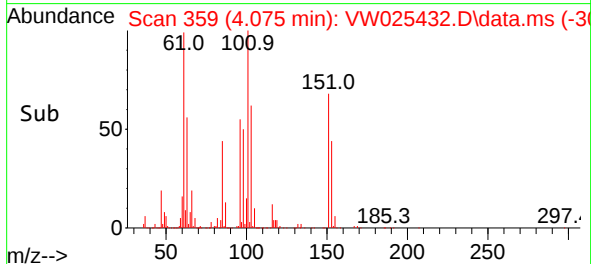
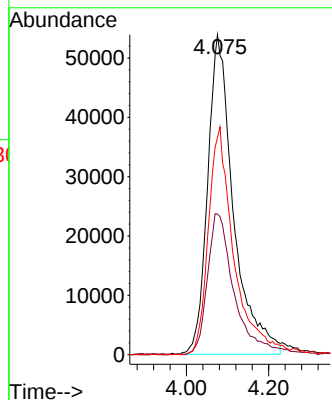
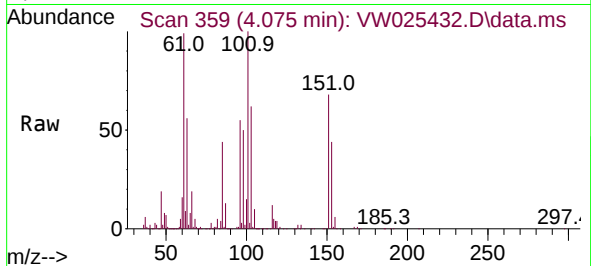




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.153 ug/L
 RT: 4.075 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW025432.D
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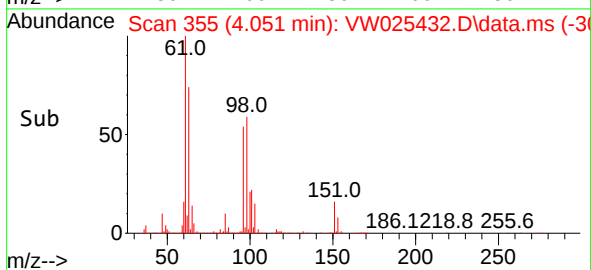
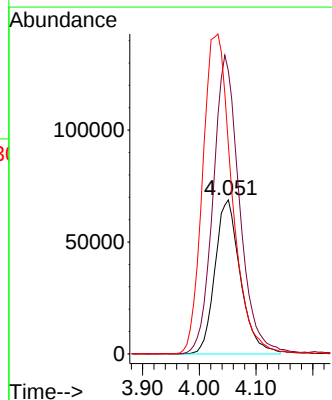
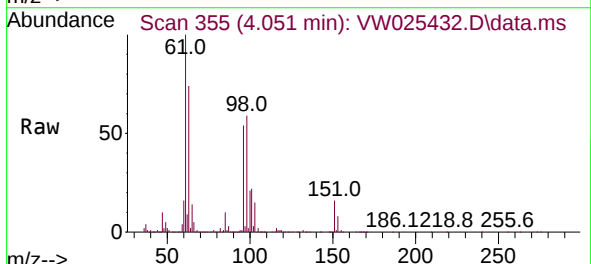
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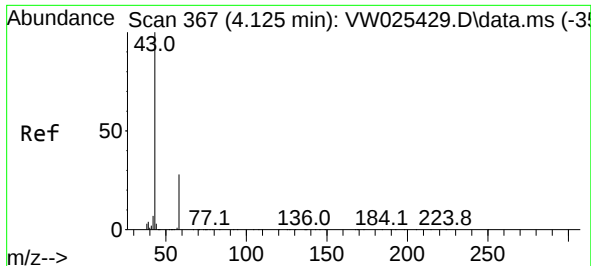
Tgt Ion:101 Resp: 234785
 Ion Ratio Lower Upper
 101 100
 85 46.0 35.8 53.8
 151 68.5 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 22.805 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
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Tgt Ion: 96 Resp: 214485
 Ion Ratio Lower Upper
 96 100
 61 183.7 130.7 242.7
 63 135.9 88.3 164.1

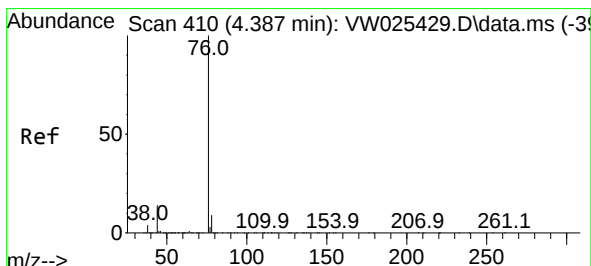
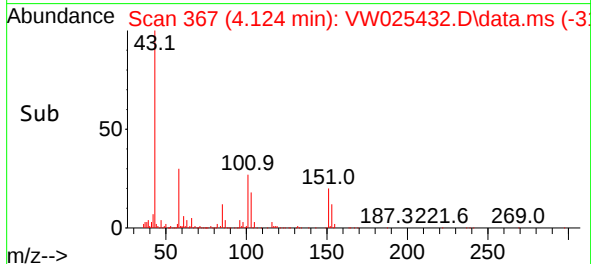
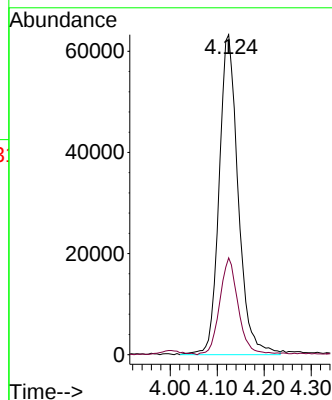
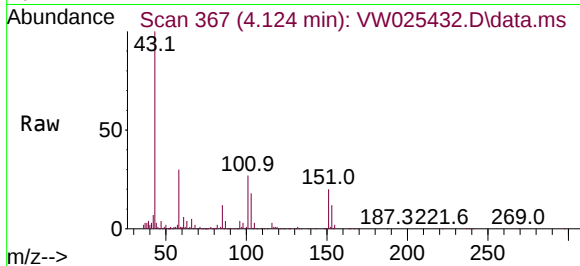




#13
Acetone
Concen: 60.381 ug/L
RT: 4.124 min Scan# 367
Delta R.T. -0.000 min
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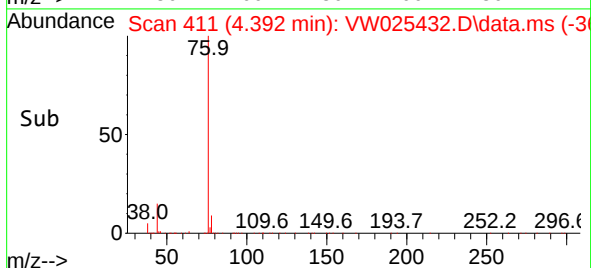
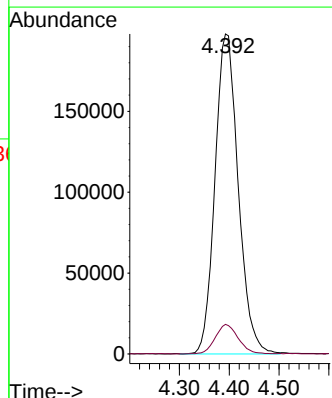
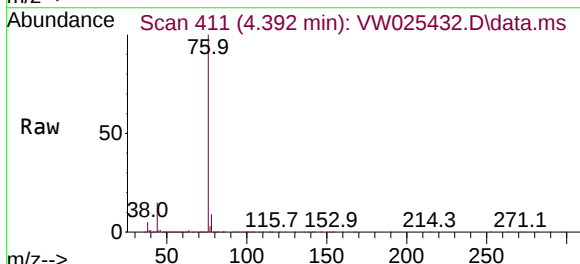
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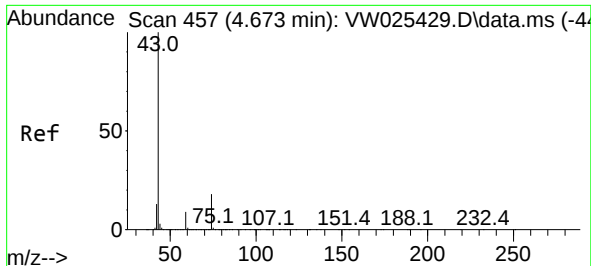
Tgt Ion: 43 Resp: 178665
Ion Ratio Lower Upper
43 100
58 29.1 0.0 60.0



#14
Carbon disulfide
Concen: 21.906 ug/L
RT: 4.392 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 640574
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

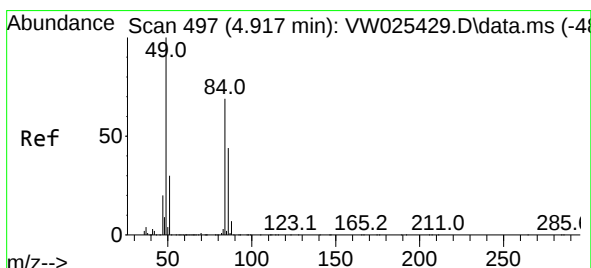
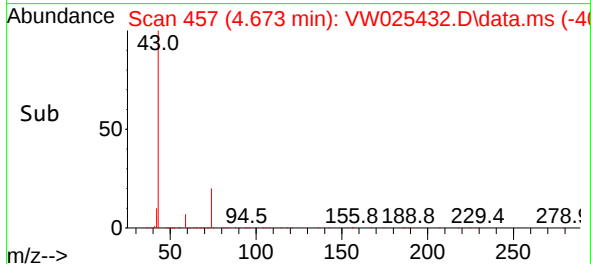
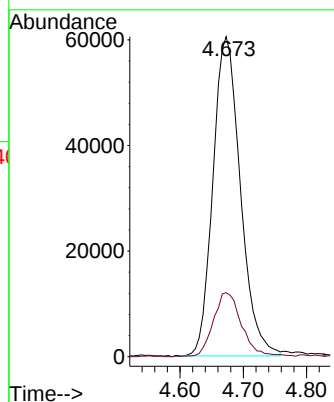
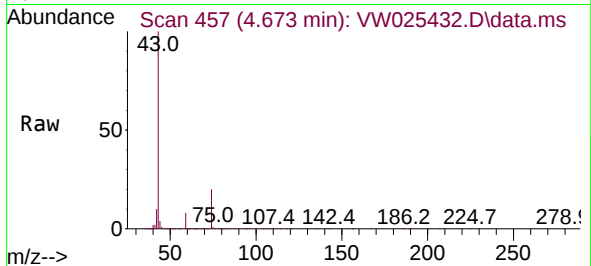




#15
Methyl Acetate
Concen: 32.781 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

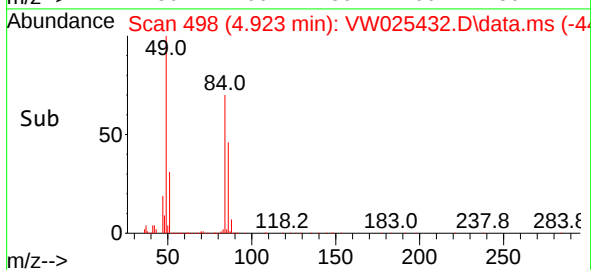
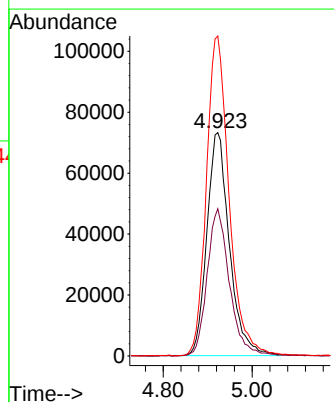
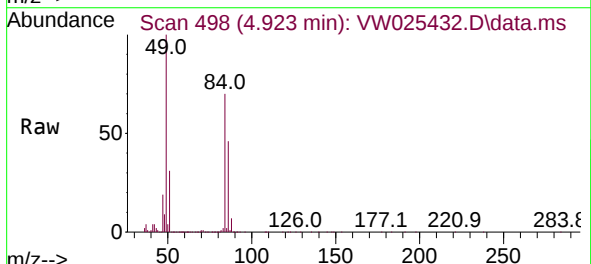
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MS

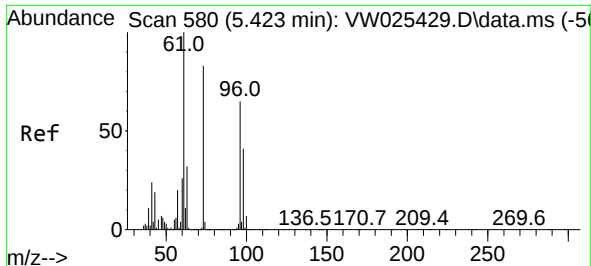
Tgt Ion: 43 Resp: 181968
Ion Ratio Lower Upper
43 100
74 20.2 17.0 25.4



#16
Methylene chloride
Concen: 24.612 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

Tgt Ion: 84 Resp: 258469
Ion Ratio Lower Upper
84 100
86 65.9 45.1 83.7
49 143.3 94.7 175.9

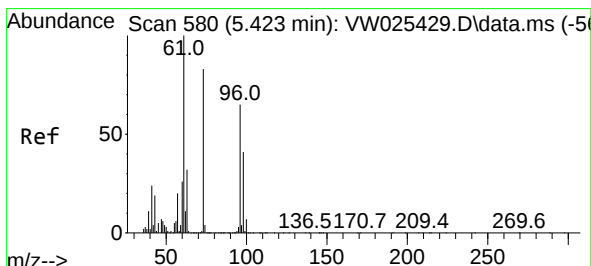
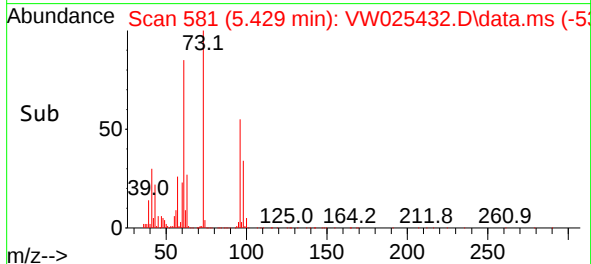
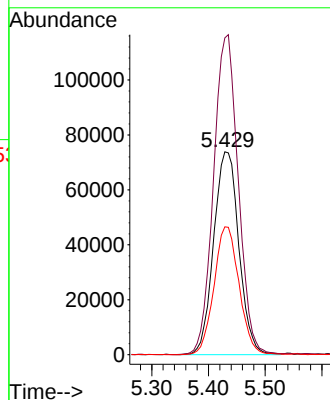
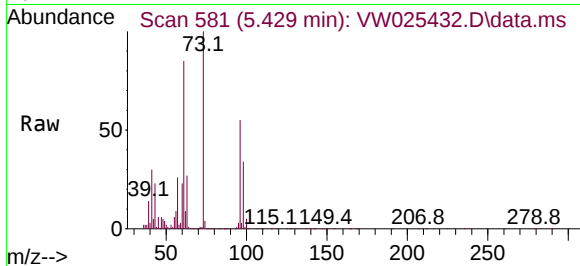




#17
trans-1,2-Dichloroethene
Concen: 23.112 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

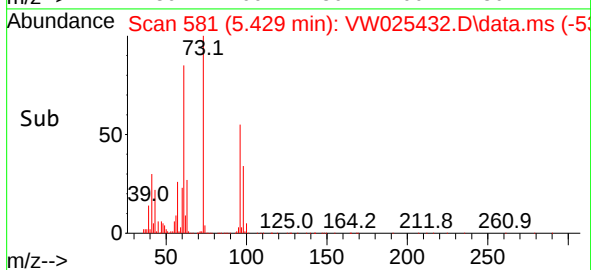
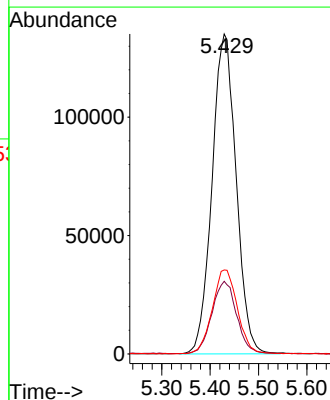
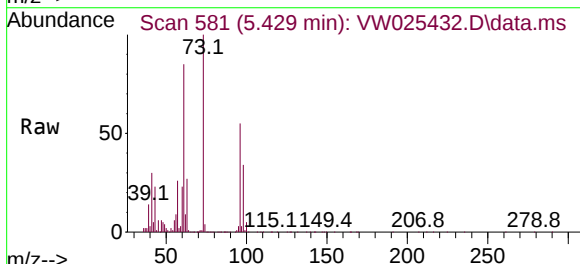
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MS

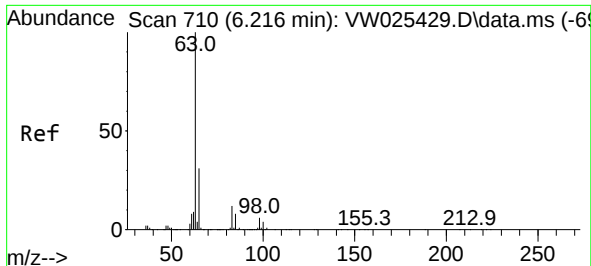
Tgt Ion: 96 Resp: 227866
Ion Ratio Lower Upper
96 100
61 156.1 103.0 191.4
98 63.0 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 31.520 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

Tgt Ion: 73 Resp: 467845
Ion Ratio Lower Upper
73 100
43 23.2 17.6 26.4
57 27.1 18.6 28.0





#19

1,1-Dichloroethane

Concen: 24.838 ug/L

RT: 6.221 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW025432.D

Acq: 20 Mar 2023 10:51

Instrument :

MSVOA_W

ClientSampleId :

EYGA2MS

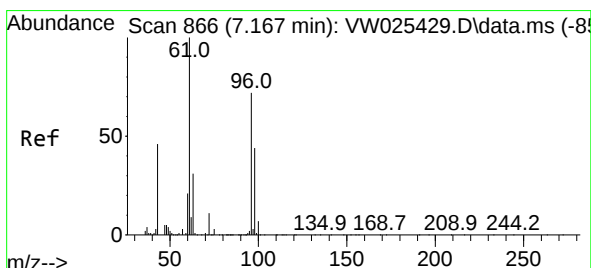
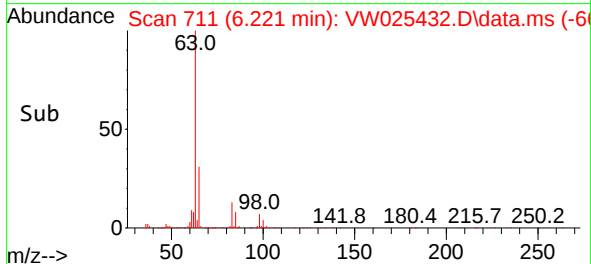
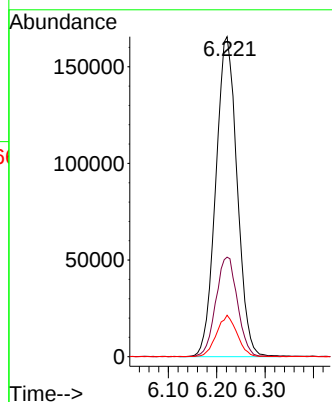
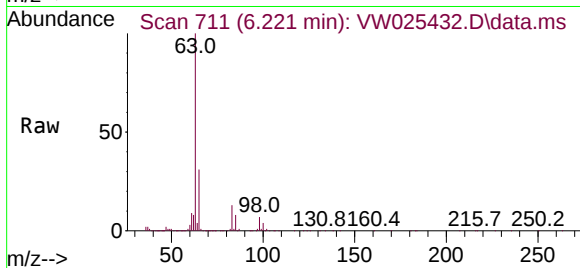
Tgt Ion: 63 Resp: 507112

Ion Ratio Lower Upper

63 100

65 31.1 21.7 40.3

83 13.0 8.4 15.6



#20

cis-1,2-Dichloroethene

Concen: 24.024 ug/L

RT: 7.172 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW025432.D

Acq: 20 Mar 2023 10:51

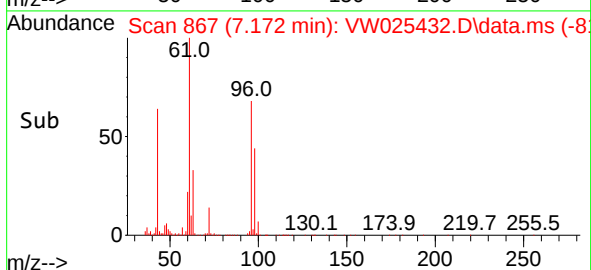
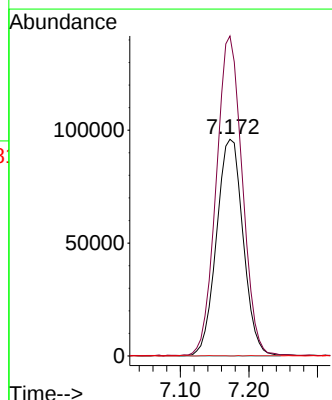
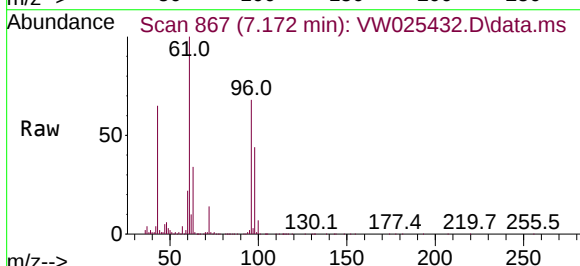
Tgt Ion: 96 Resp: 259324

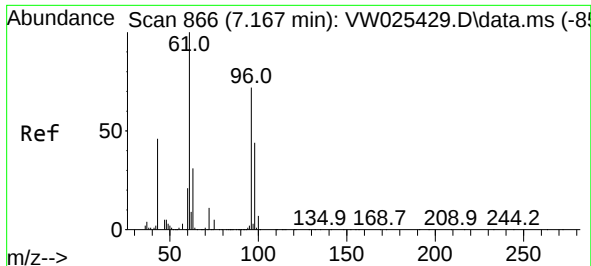
Ion Ratio Lower Upper

96 100

61 147.7 95.5 177.4

68 0.0 0.1 0.1#

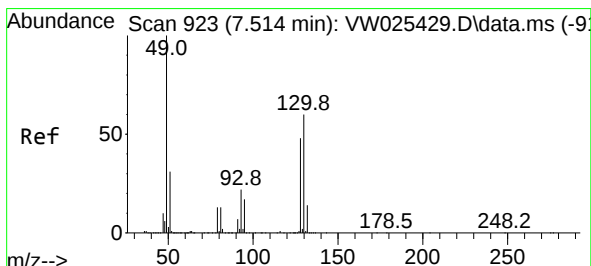
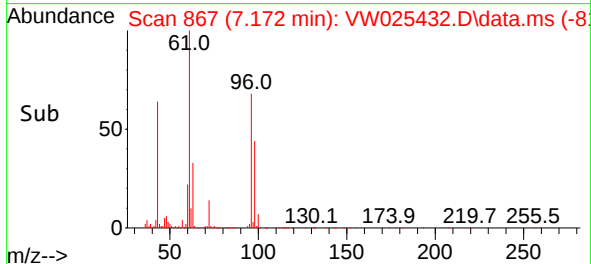
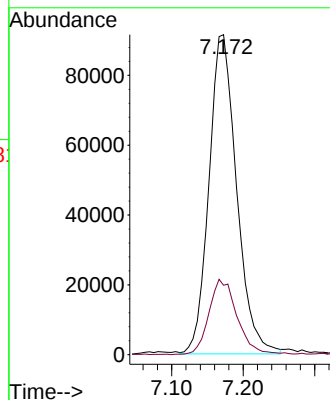
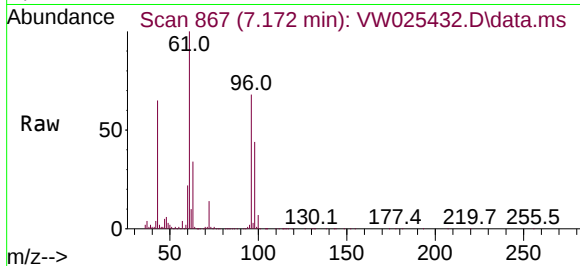




#22
2-Butanone
Concen: 64.210 ug/L
RT: 7.172 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

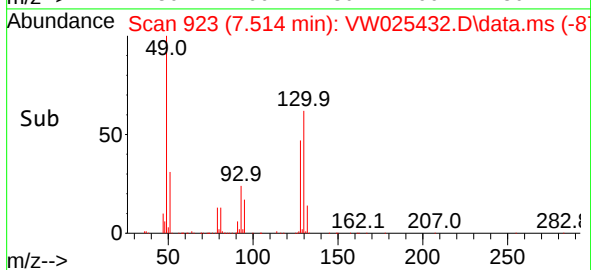
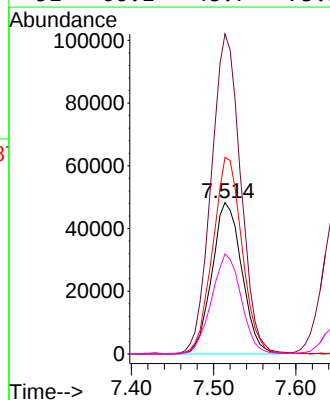
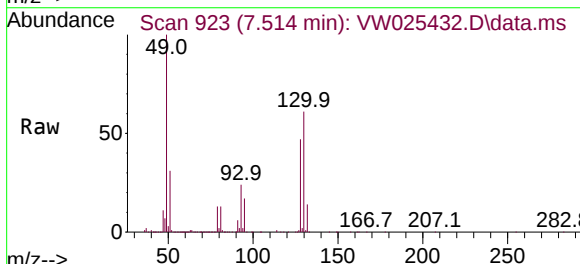
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MS

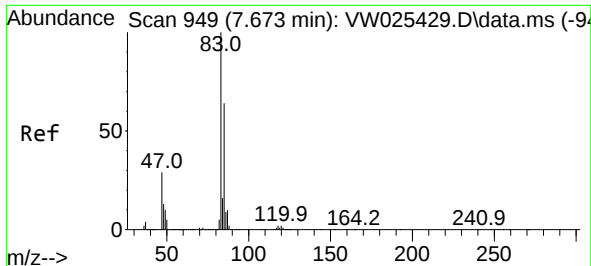
Tgt Ion: 43 Resp: 245778
Ion Ratio Lower Upper
43 100
72 24.1 12.0 36.1



#23
Bromochloromethane
Concen: 26.164 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

Tgt Ion: 128 Resp: 121451
Ion Ratio Lower Upper
128 100
49 211.4 140.6 261.0
130 130.0 80.8 150.0
51 66.1 48.7 73.1

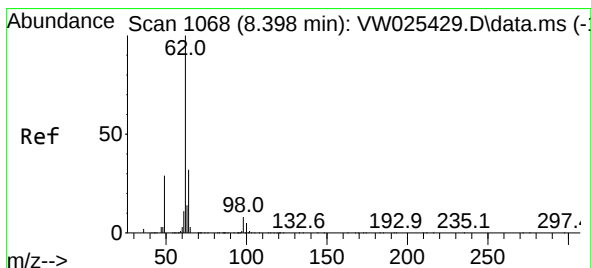
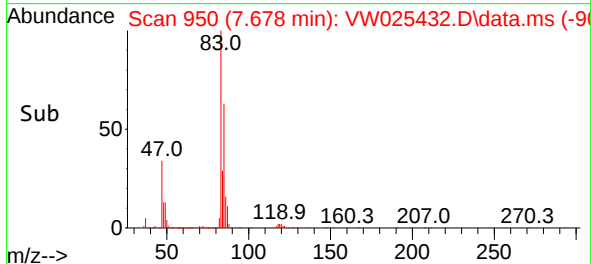
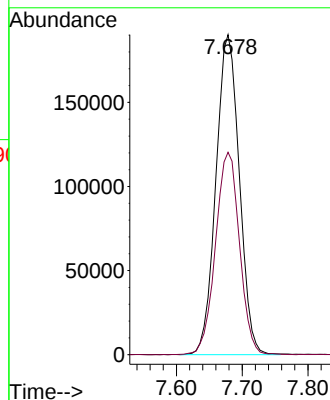
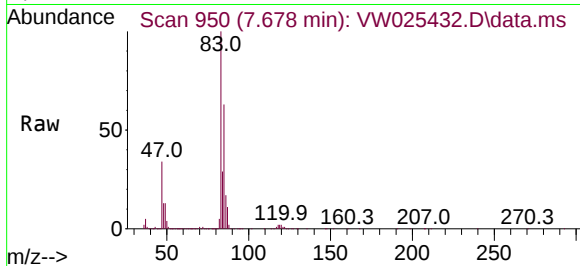




#25
Chloroform
Concen: 24.542 ug/L
RT: 7.678 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

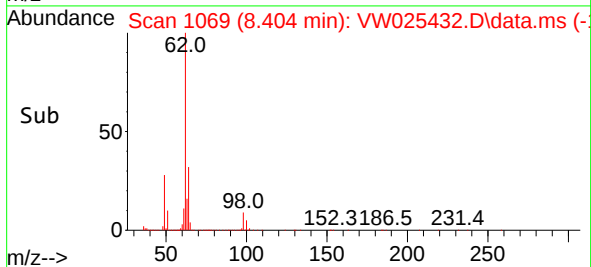
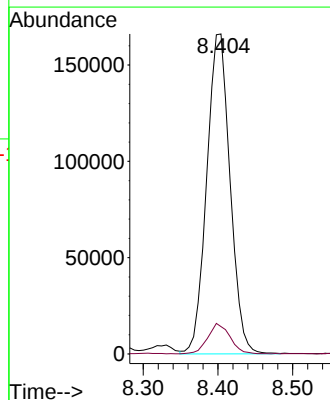
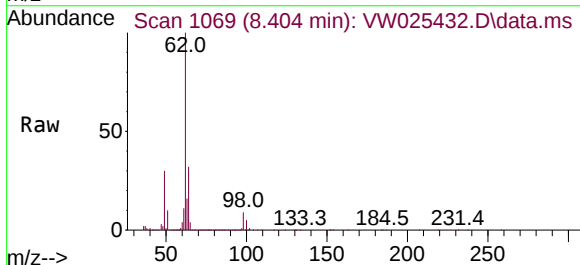
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MS

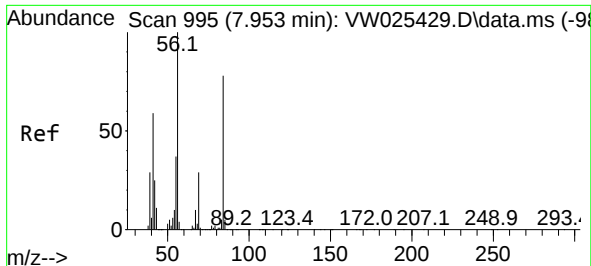
Tgt Ion: 83 Resp: 471025
Ion Ratio Lower Upper
83 100
85 63.2 44.7 82.9



#27
1,2-Dichloroethane
Concen: 28.177 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

Tgt Ion: 62 Resp: 360901
Ion Ratio Lower Upper
62 100
98 8.6 7.2 10.8





#29

Cyclohexane

Concen: 26.582 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW025432.D

Acq: 20 Mar 2023 10:51

Instrument :

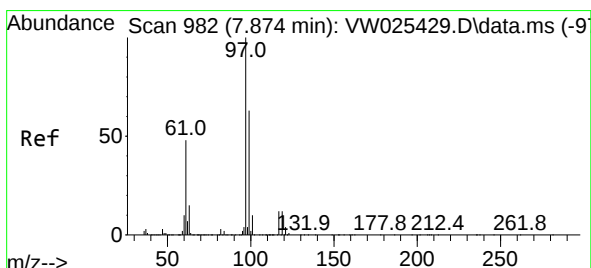
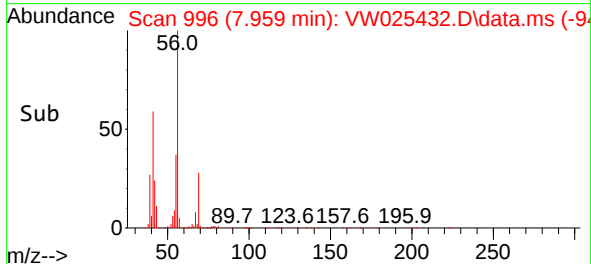
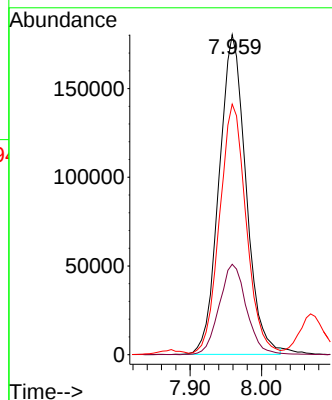
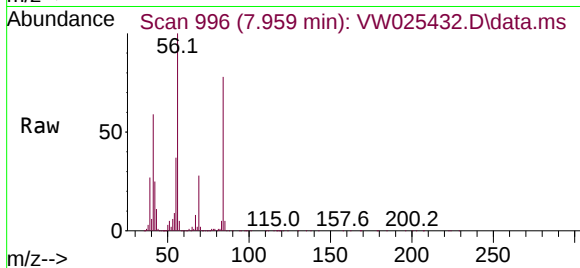
MSVOA_W

ClientSampleId :

EYGA2MS

Tgt Ion: 56 Resp: 469594

Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.1	34.7
84	77.9	63.9	95.9



#30

1,1,1-Trichloroethane

Concen: 24.926 ug/L

RT: 7.874 min Scan# 982

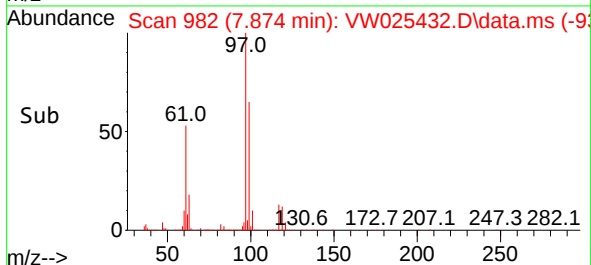
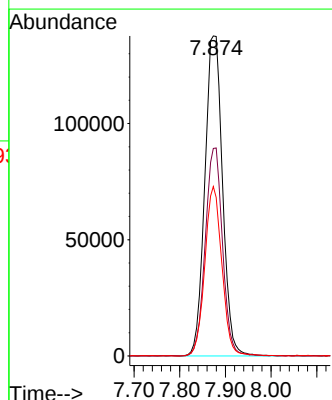
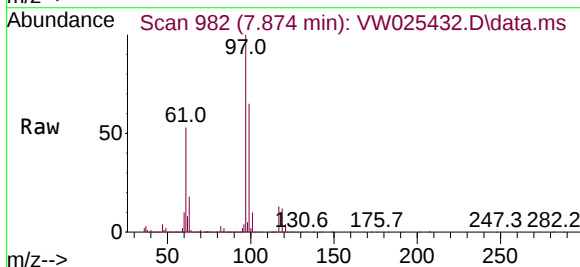
Delta R.T. -0.000 min

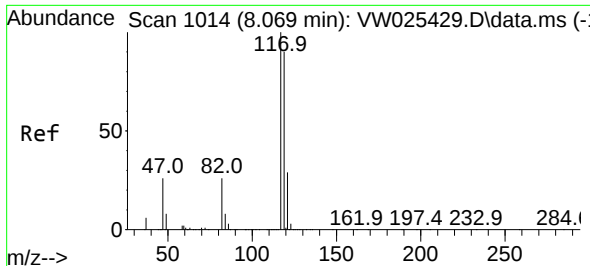
Lab File: VW025432.D

Acq: 20 Mar 2023 10:51

Tgt Ion: 97 Resp: 370846

Ion	Ratio	Lower	Upper
97	100		
99	63.3	50.9	76.3
61	51.0	39.8	59.6

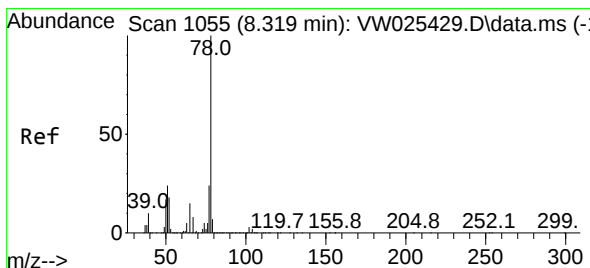
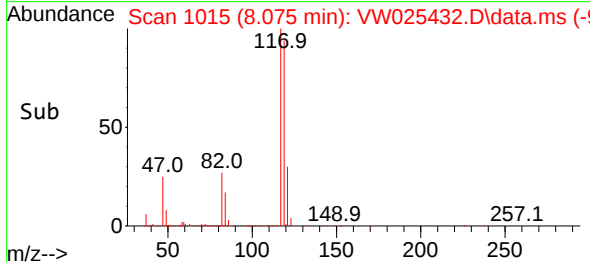
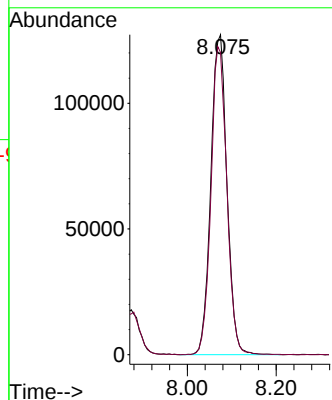
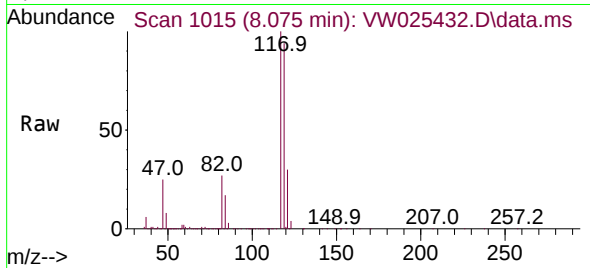




#31
Carbon tetrachloride
Concen: 24.015 ug/L
RT: 8.075 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

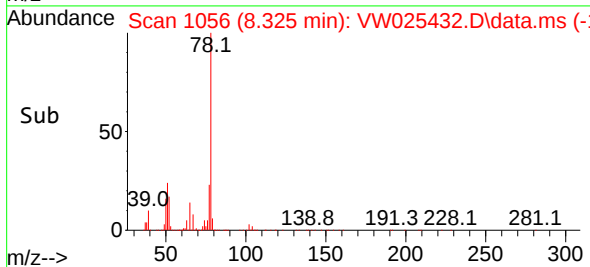
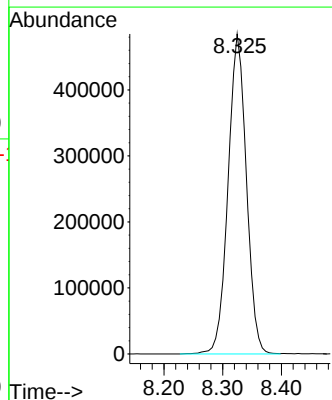
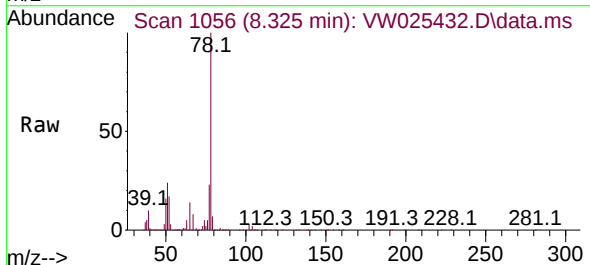
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MS

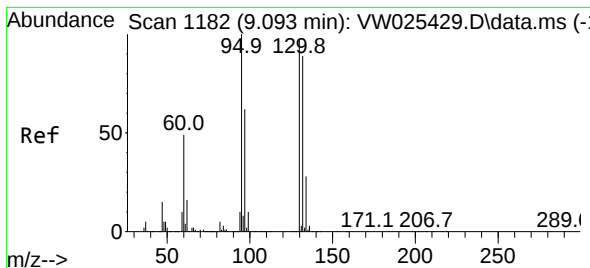
Tgt Ion:117 Resp: 320269
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.6



#33
Benzene
Concen: 26.223 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

Tgt Ion: 78 Resp: 1049269





#34

Trichloroethene

Concen: 22.134 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW025432.D

Acq: 20 Mar 2023 10:51

Instrument :

MSVOA_W

ClientSampleId :

EYGA2MS

Tgt Ion: 95 Resp: 232455

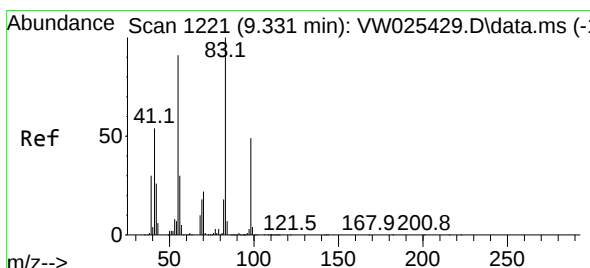
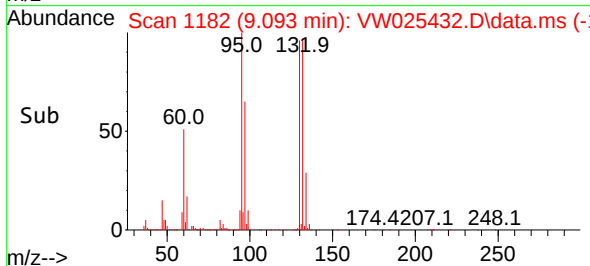
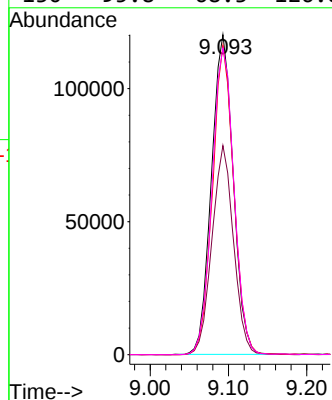
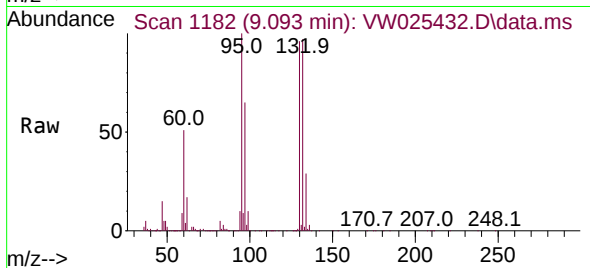
Ion Ratio Lower Upper

95 100

97 65.4 43.8 81.4

132 96.6 65.9 122.3

130 95.8 68.3 126.8



#35

Methylcyclohexane

Concen: 24.083 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW025432.D

Acq: 20 Mar 2023 10:51

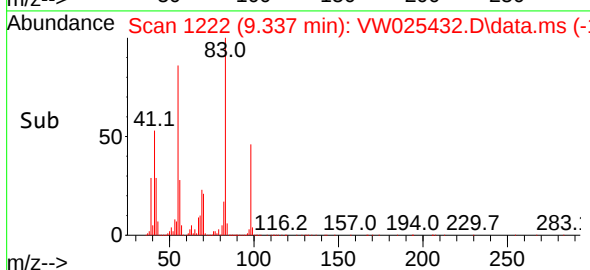
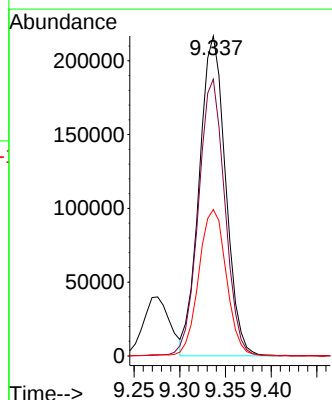
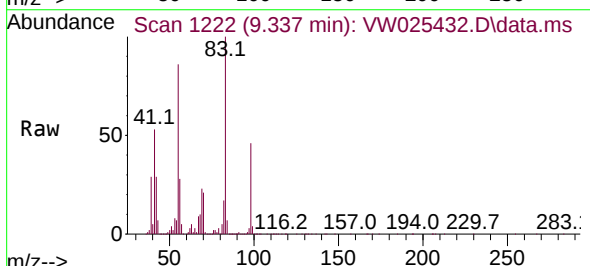
Tgt Ion: 83 Resp: 435697

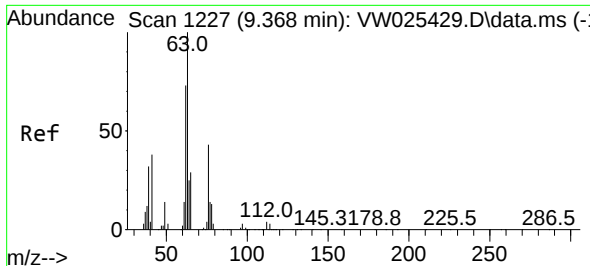
Ion Ratio Lower Upper

83 100

55 86.8 68.2 102.4

98 47.7 39.0 58.4

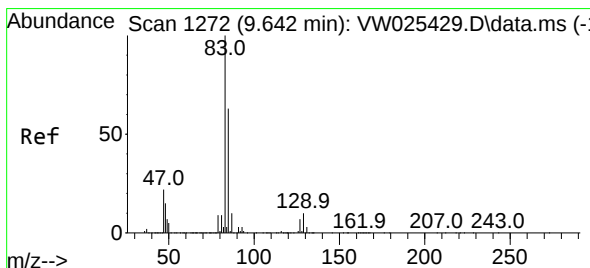
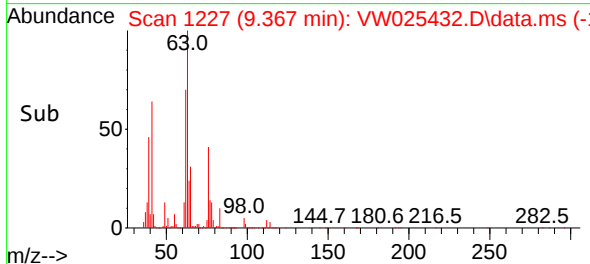
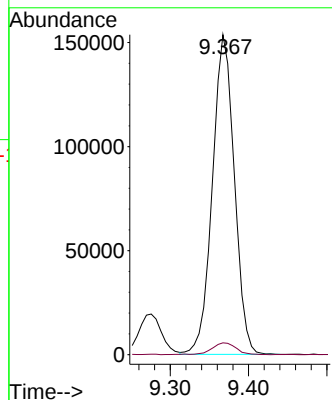
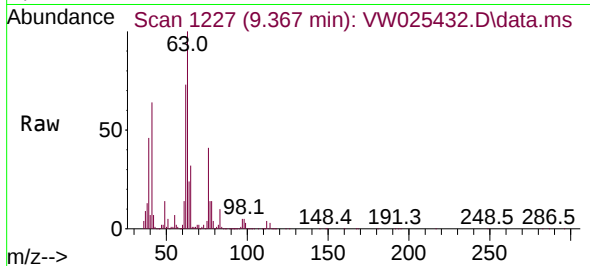




#37
1,2-Dichloropropane
Concen: 27.175 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

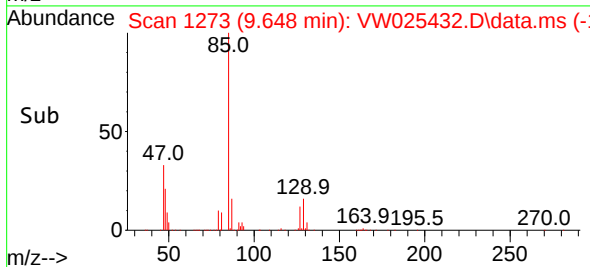
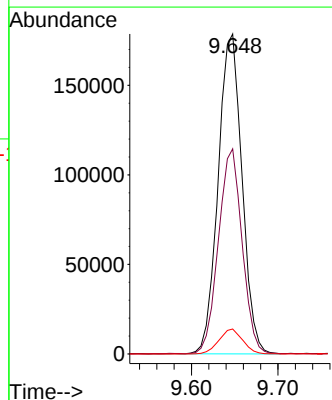
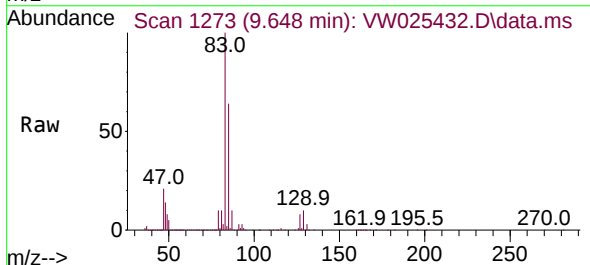
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MS

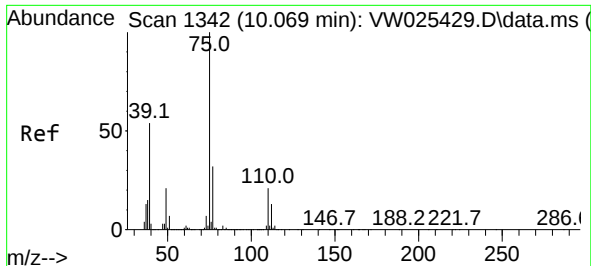
Tgt Ion: 63 Resp: 299319
Ion Ratio Lower Upper
63 100
112 4.0 3.2 4.8



#38
Bromodichloromethane
Concen: 26.614 ug/L
RT: 9.648 min Scan# 1273
Delta R.T. 0.006 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

Tgt Ion: 83 Resp: 341863
Ion Ratio Lower Upper
83 100
85 64.1 44.7 83.1
127 7.8 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 26.374 ug/L

RT: 10.074 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW025432.D

Acq: 20 Mar 2023 10:51

Instrument :

MSVOA_W

ClientSampleId :

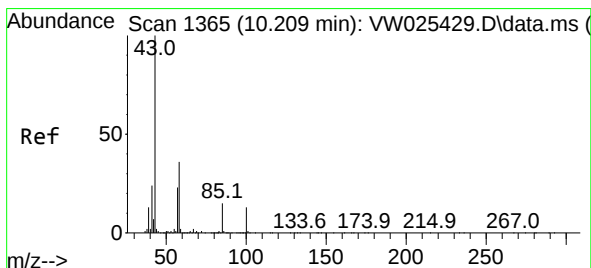
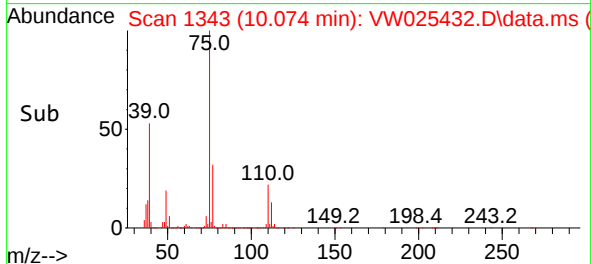
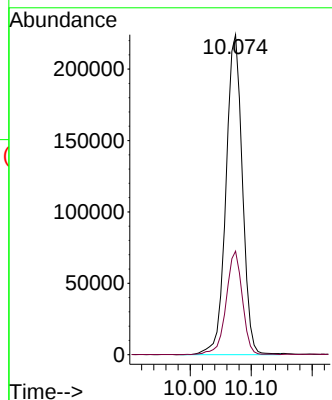
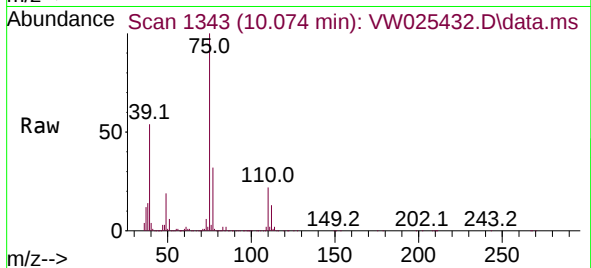
EYGA2MS

Tgt Ion: 75 Resp: 418492

Ion Ratio Lower Upper

75 100

77 32.3 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 78.360 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025432.D

Acq: 20 Mar 2023 10:51

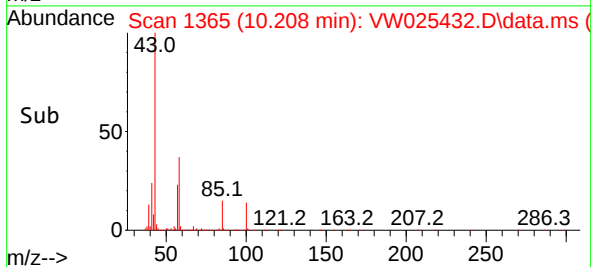
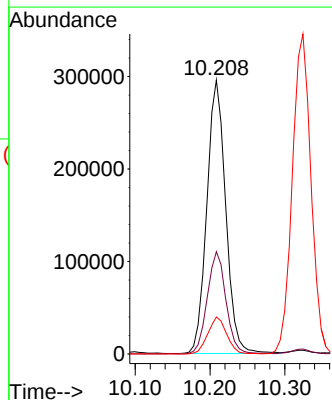
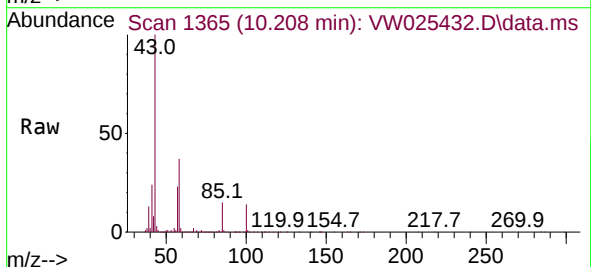
Tgt Ion: 43 Resp: 518740

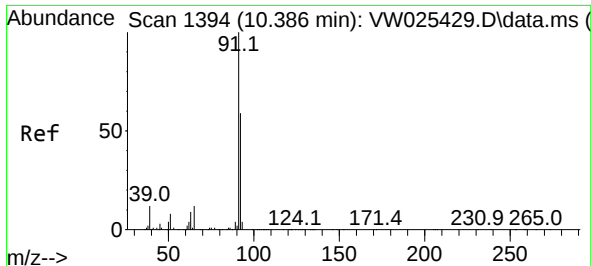
Ion Ratio Lower Upper

43 100

58 37.0 29.6 44.4

100 13.5 10.6 16.0





#42

Toluene

Concen: 25.398 ug/L

RT: 10.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025432.D

Acq: 20 Mar 2023 10:51

Instrument :

MSVOA_W

ClientSampleId :

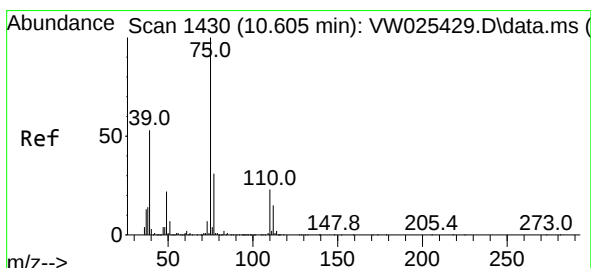
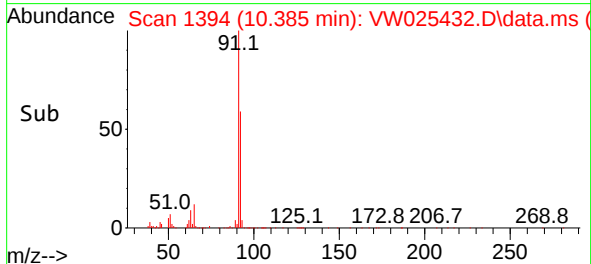
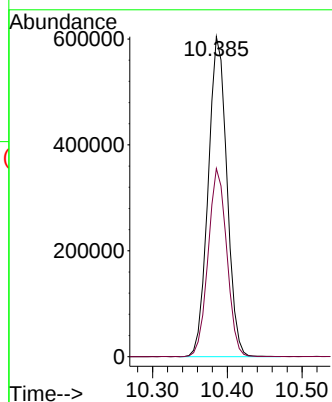
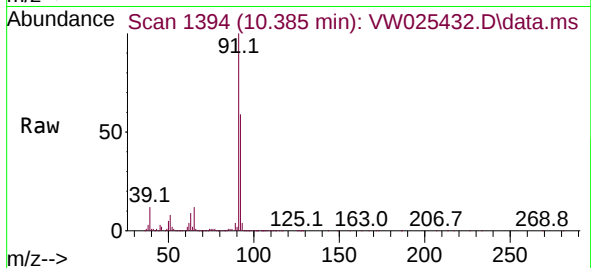
EYGA2MS

Tgt Ion: 91 Resp: 1049293

Ion Ratio Lower Upper

91 100

92 58.8 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 26.665 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW025432.D

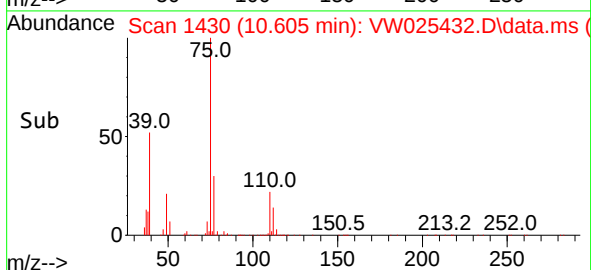
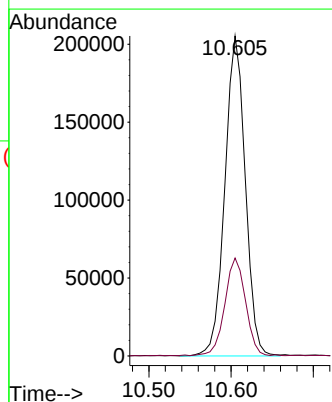
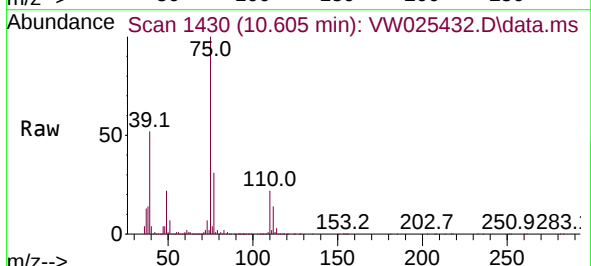
Acq: 20 Mar 2023 10:51

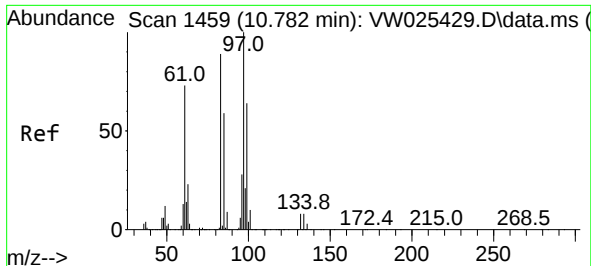
Tgt Ion: 75 Resp: 354333

Ion Ratio Lower Upper

75 100

77 30.6 22.3 41.3



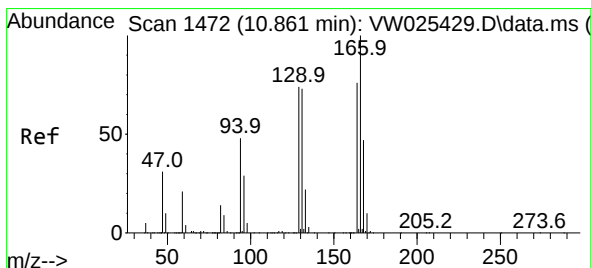
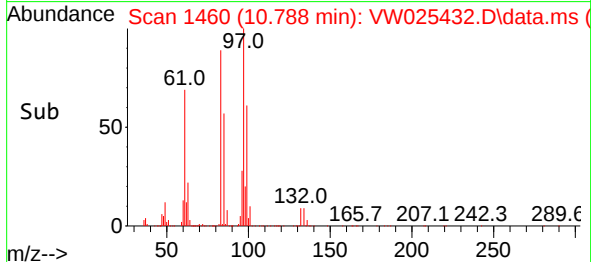
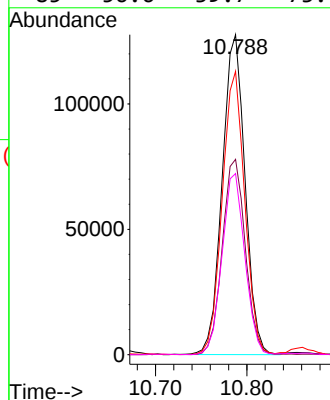
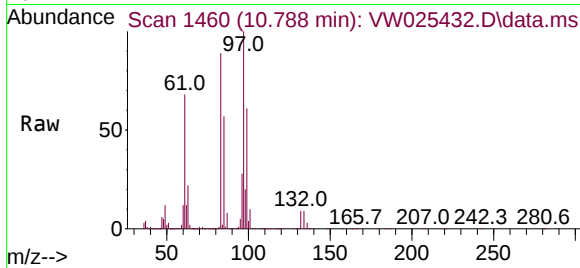


#45
1,1,2-Trichloroethane
Concen: 29.936 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

Instrument :
MSVOA_W
ClientSampleId :
EYGA2MS

Tgt Ion: 97 Resp: 221427

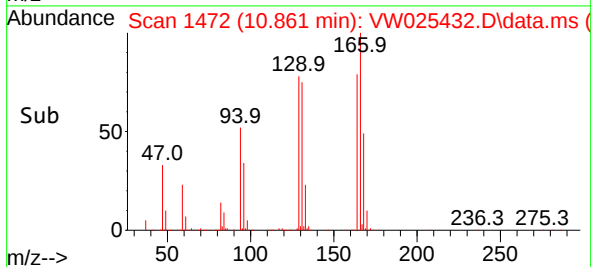
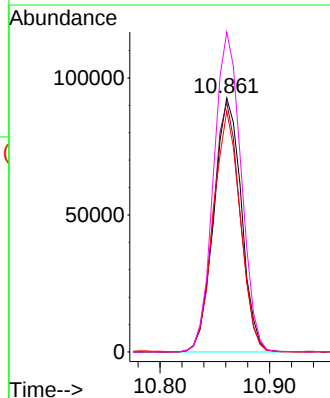
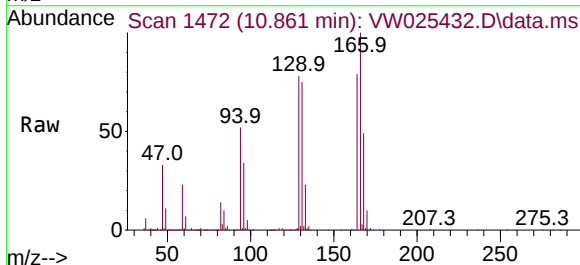
Ion	Ratio	Lower	Upper
97	100		
99	61.0	42.6	79.0
83	88.6	60.5	112.3
85	56.6	39.7	73.7

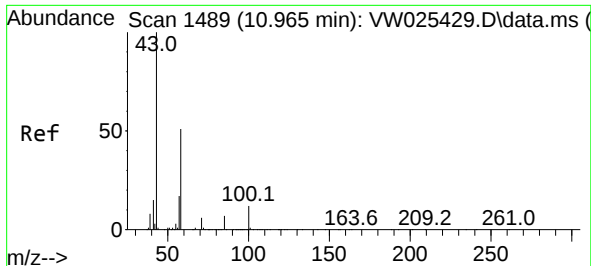


#46
Tetrachloroethene
Concen: 21.581 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

Tgt Ion: 164 Resp: 161269

Ion	Ratio	Lower	Upper
164	100		
129	98.4	67.7	125.7
131	94.9	67.0	124.4
166	126.0	86.5	160.7

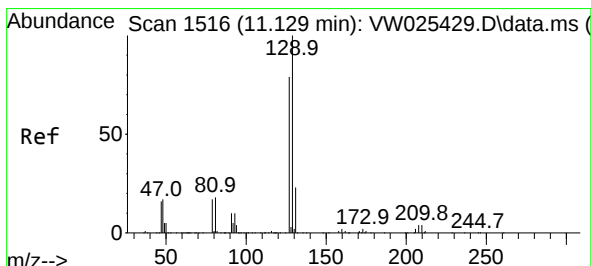
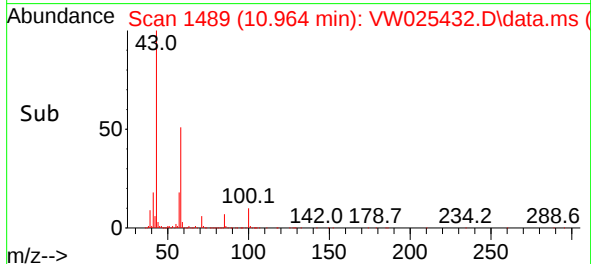
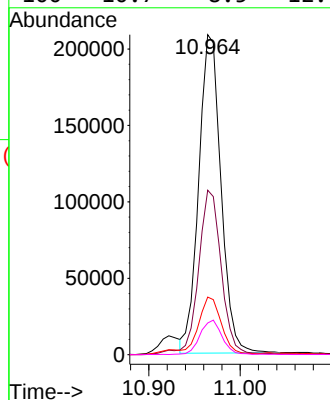
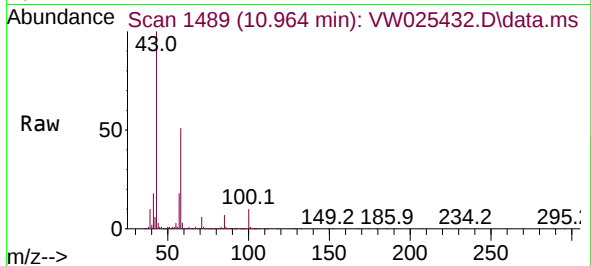




#48
2-Hexanone
Concen: 74.068 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

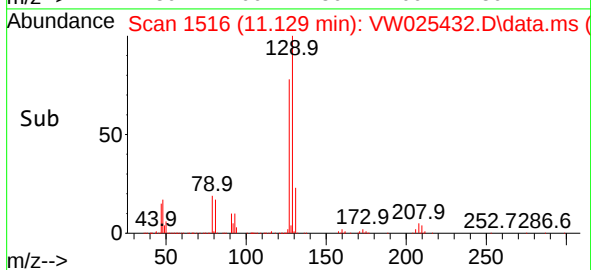
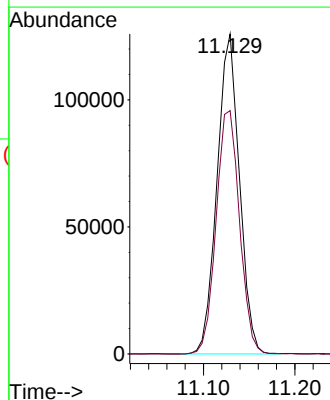
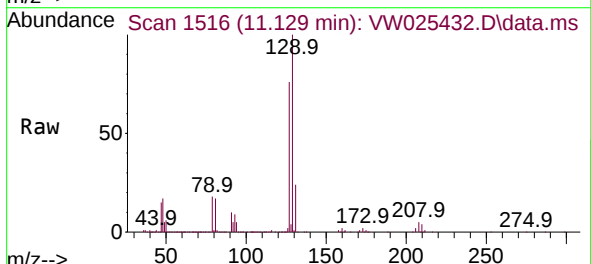
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MS

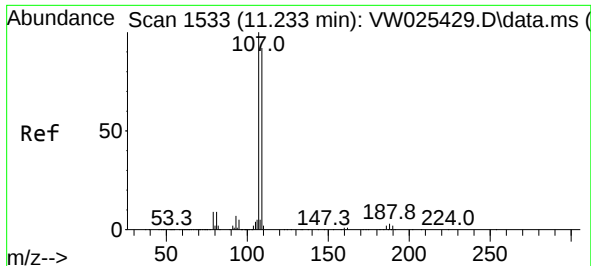
Tgt Ion: 43 Resp: 352767
Ion Ratio Lower Upper
43 100
58 51.4 41.2 61.8
57 17.7 14.2 21.4
100 10.7 8.5 12.7



#49
Dibromochloromethane
Concen: 27.142 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

Tgt Ion: 129 Resp: 214511
Ion Ratio Lower Upper
129 100
127 76.1 52.8 98.2





#50

1,2-Dibromoethane

Concen: 28.347 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025432.D

Acq: 20 Mar 2023 10:51

Instrument :

MSVOA_W

ClientSampleId :

EYGA2MS

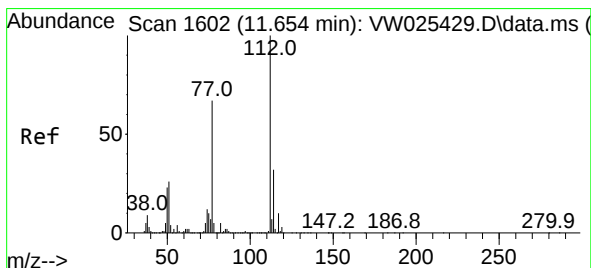
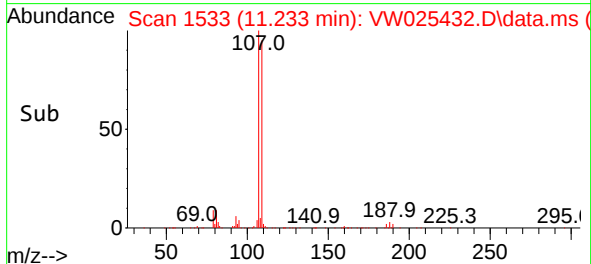
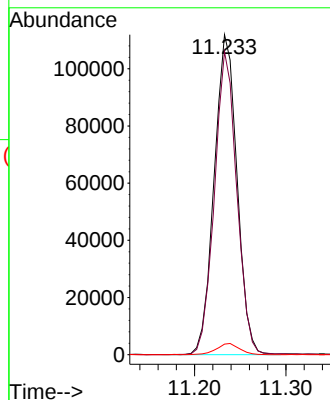
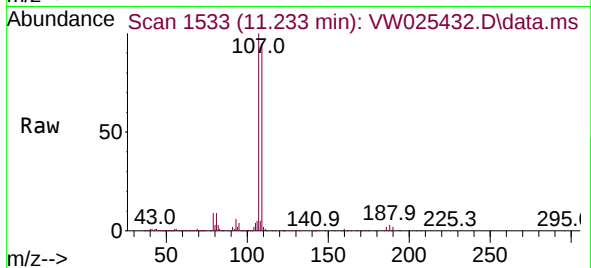
Tgt Ion:107 Resp: 194087

Ion Ratio Lower Upper

107 100

109 94.6 62.9 116.9

188 3.3 3.0 4.4



#51

Chlorobenzene

Concen: 22.129 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025432.D

Acq: 20 Mar 2023 10:51

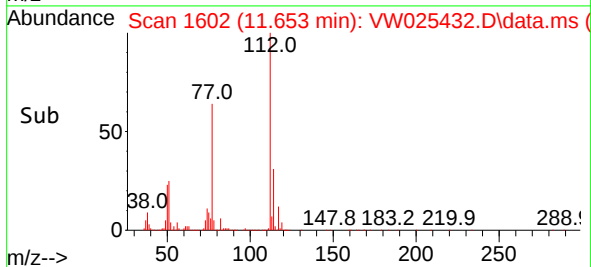
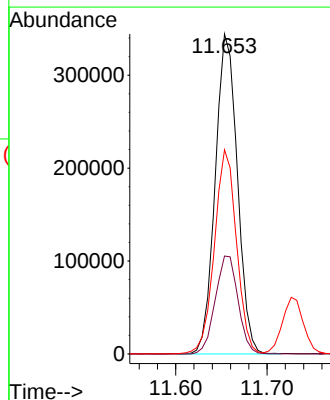
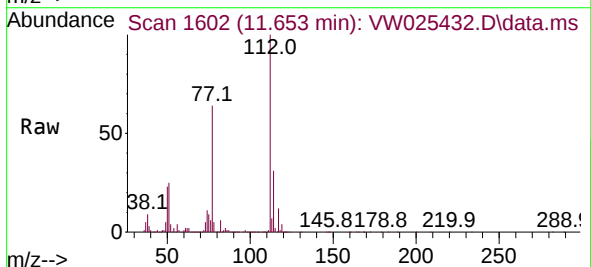
Tgt Ion:112 Resp: 580245

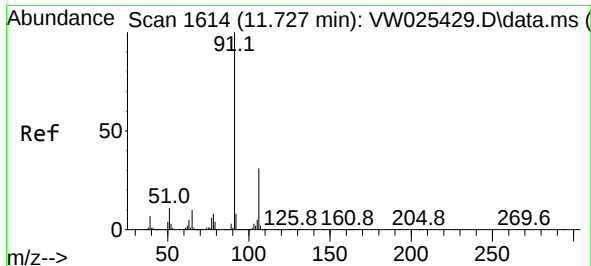
Ion Ratio Lower Upper

112 100

114 30.6 21.9 40.7

77 63.8 51.8 77.8

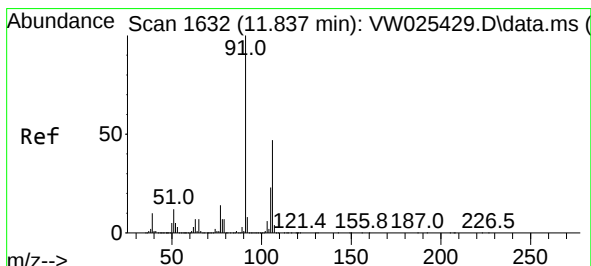
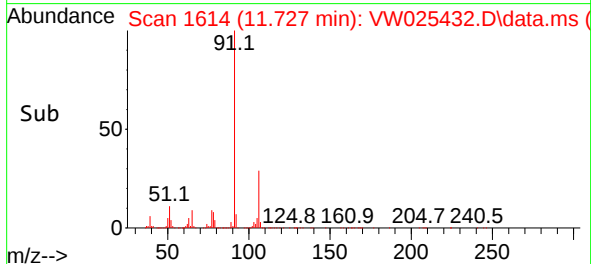
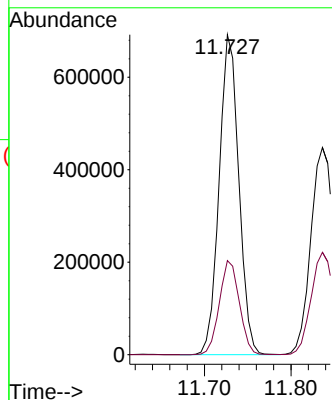
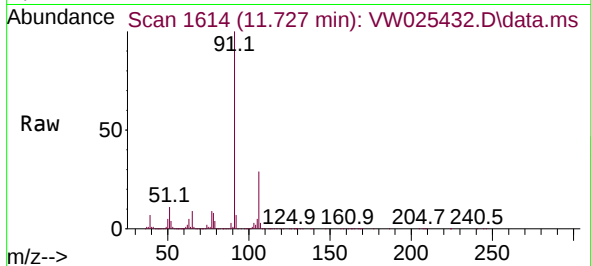




#52
Ethylbenzene
Concen: 23.142 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

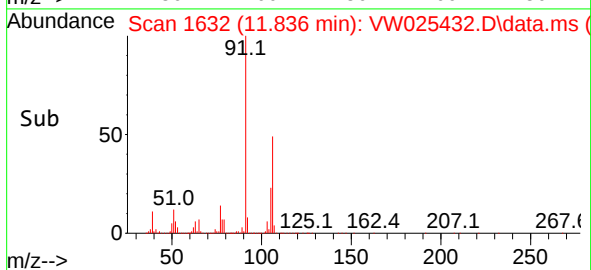
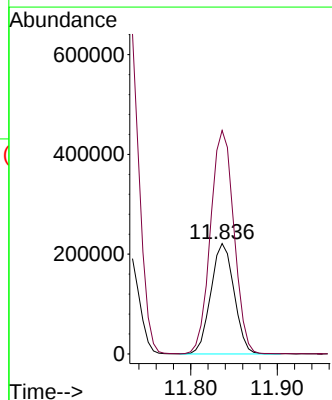
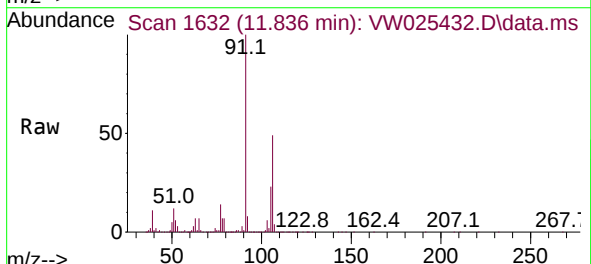
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MS

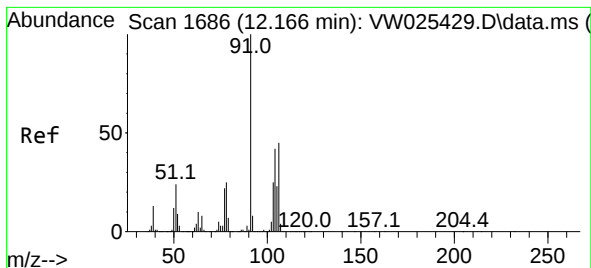
Tgt Ion: 91 Resp: 1090406
Ion Ratio Lower Upper
91 100
106 29.4 22.0 41.0



#53
m,p-Xylene
Concen: 23.742 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

Tgt Ion:106 Resp: 412609
Ion Ratio Lower Upper
106 100
91 202.3 144.2 267.8





#54

o-Xylene

Concen: 25.216 ug/L

RT: 12.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025432.D

Acq: 20 Mar 2023 10:51

Instrument :

MSVOA_W

ClientSampleId :

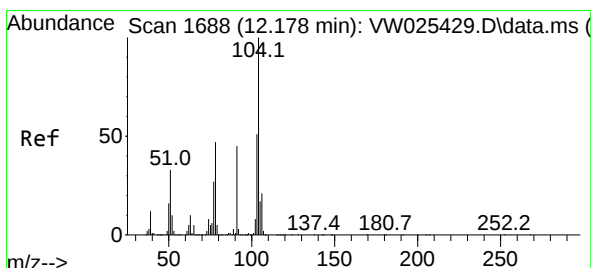
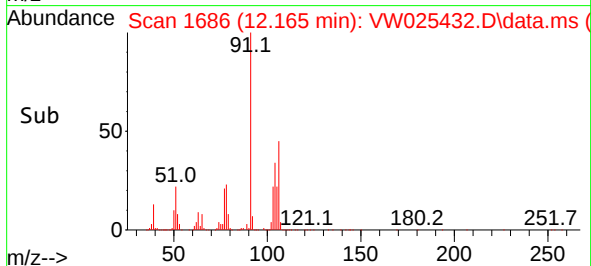
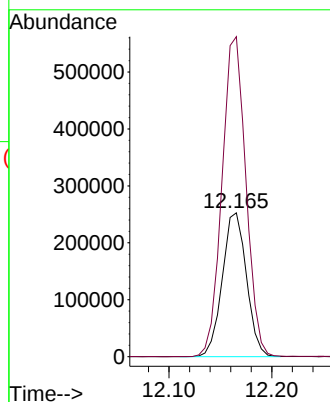
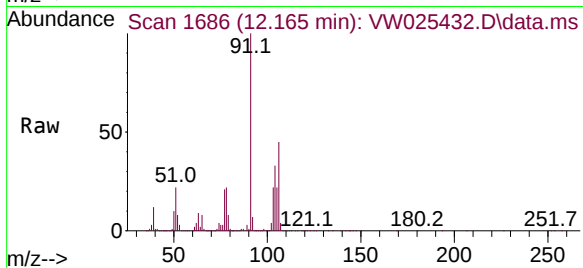
EYGA2MS

Tgt Ion:106 Resp: 412376

Ion Ratio Lower Upper

106 100

91 222.4 154.6 287.2



#55

Styrene

Concen: 23.047 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW025432.D

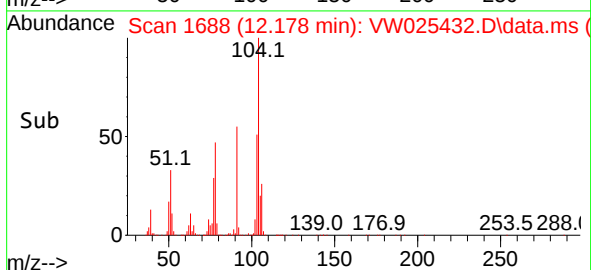
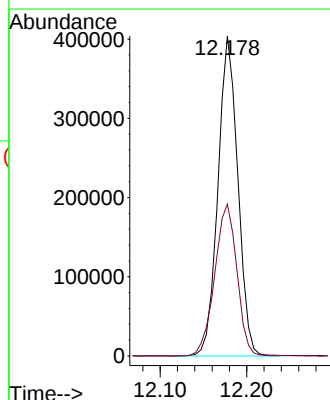
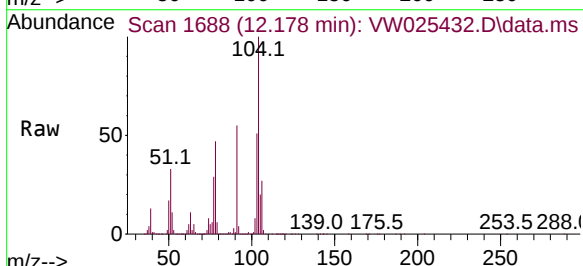
Acq: 20 Mar 2023 10:51

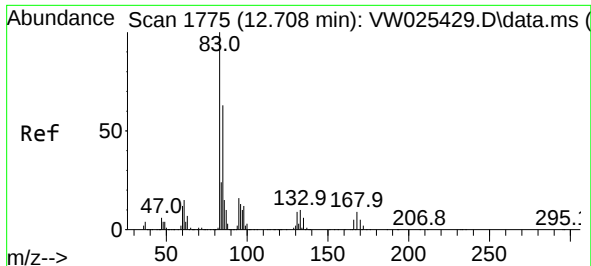
Tgt Ion:104 Resp: 643614

Ion Ratio Lower Upper

104 100

78 47.4 31.1 57.9





#57

1,1,2,2-Tetrachloroethane

Concen: 32.219 ug/L

RT: 12.714 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VW025432.D

Acq: 20 Mar 2023 10:51

Instrument :

MSVOA_W

ClientSampleId :

EYGA2MS

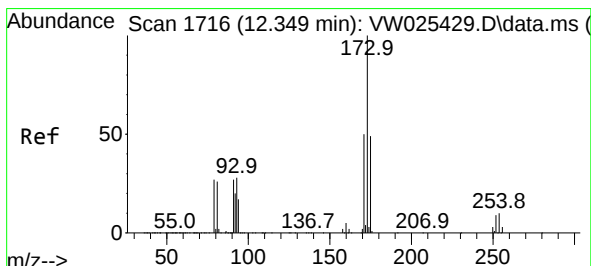
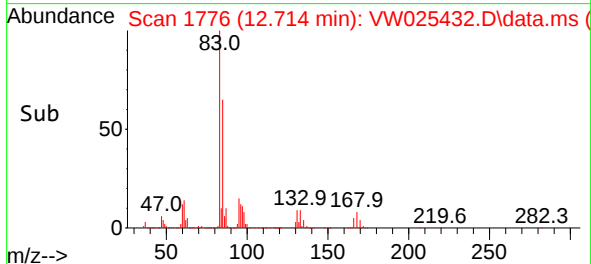
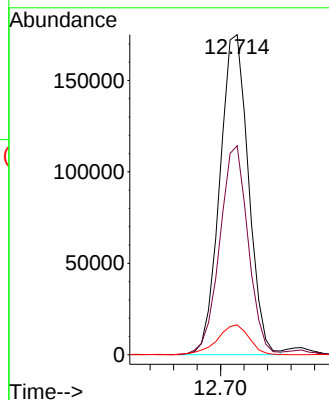
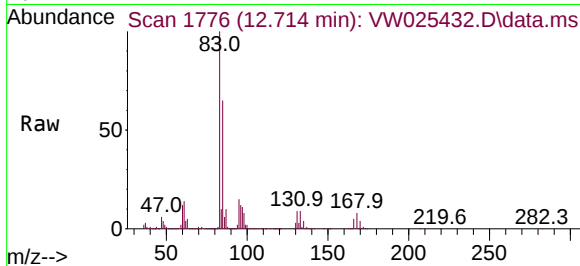
Tgt Ion: 83 Resp: 296442

Ion Ratio Lower Upper

83 100

85 65.3 45.4 84.2

131 9.3 8.0 12.0



#59

Bromoform

Concen: 36.089 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025432.D

Acq: 20 Mar 2023 10:51

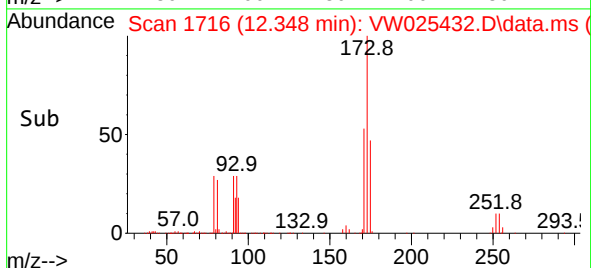
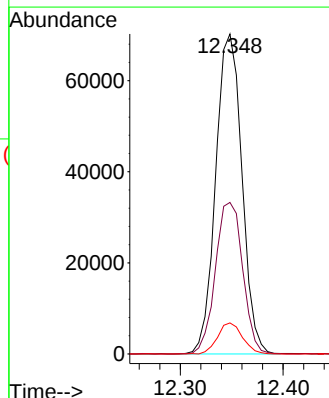
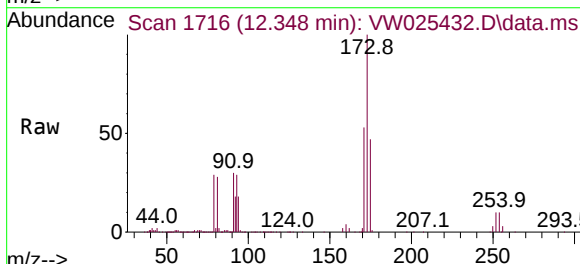
Tgt Ion: 173 Resp: 124319

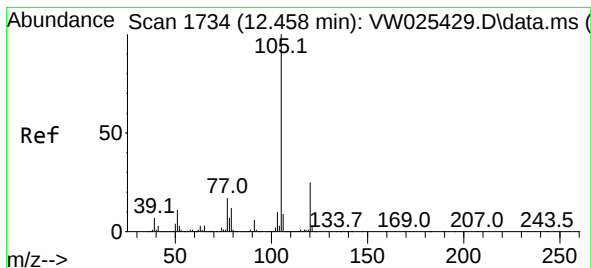
Ion Ratio Lower Upper

173 100

175 49.4 38.6 57.8

254 9.2 7.9 11.9

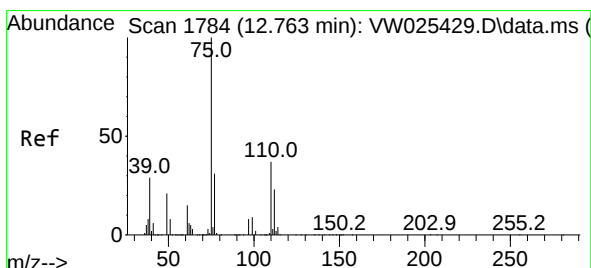
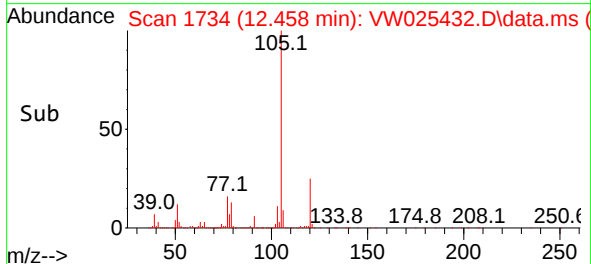
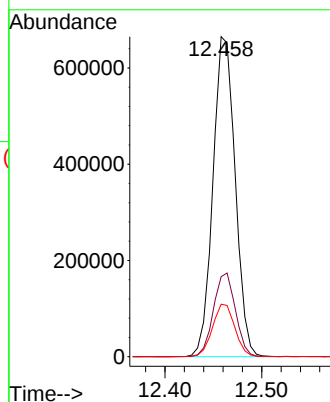
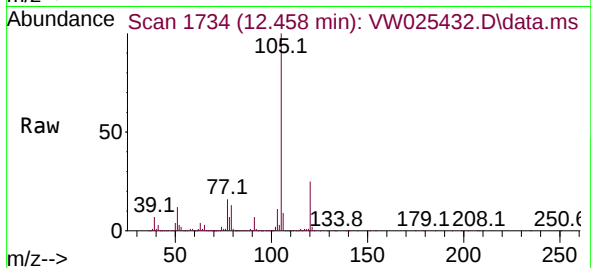




#60
Isopropylbenzene
Concen: 29.855 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

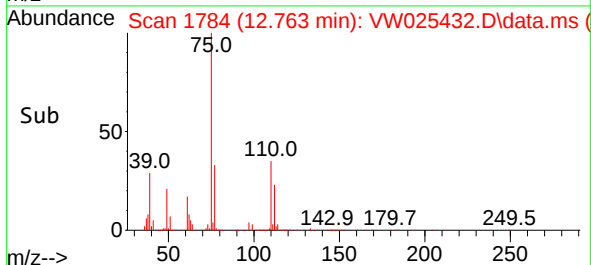
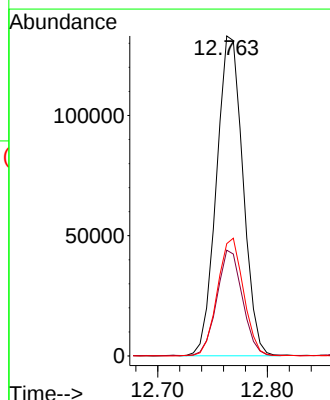
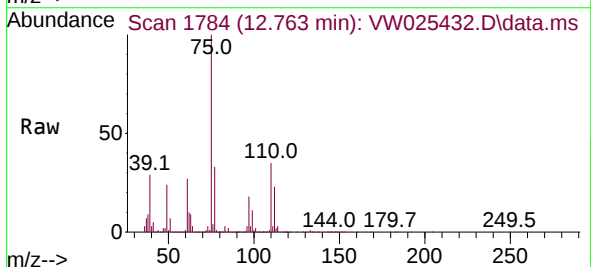
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MS

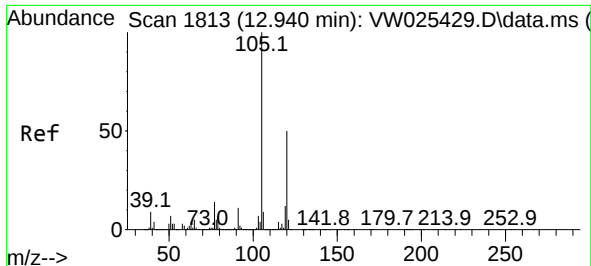
Tgt Ion:105 Resp: 1062628
Ion Ratio Lower Upper
105 100
120 25.8 20.9 31.3
77 16.4 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 42.931 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

Tgt Ion: 75 Resp: 223332
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2
110 36.3 28.9 43.3

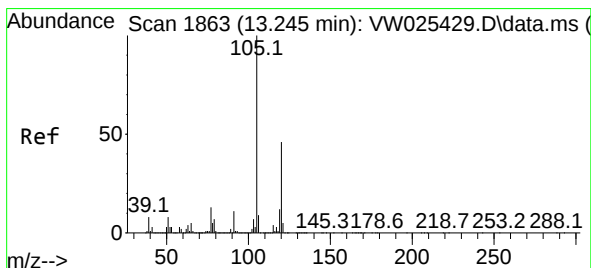
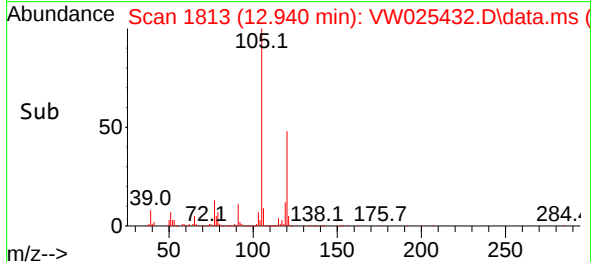
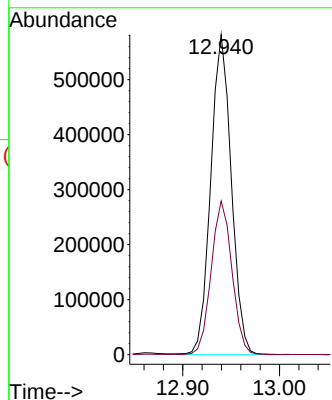
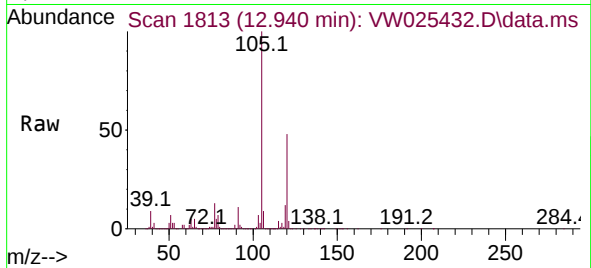




#62
1,3,5-Trimethylbenzene
Concen: 30.440 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

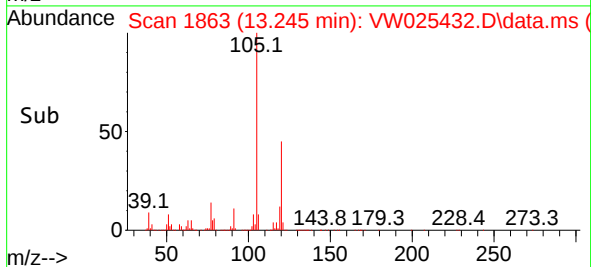
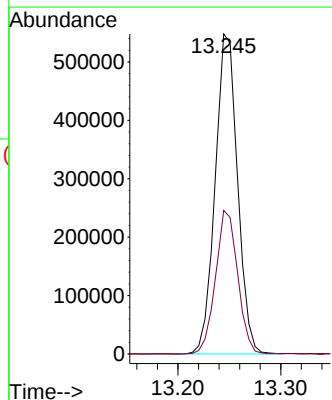
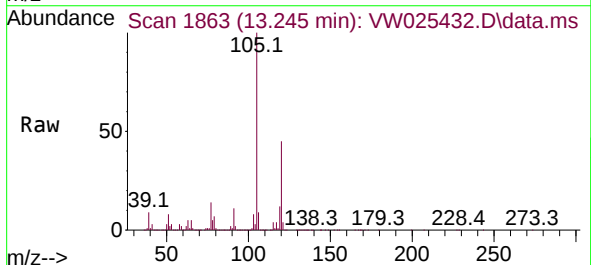
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MS

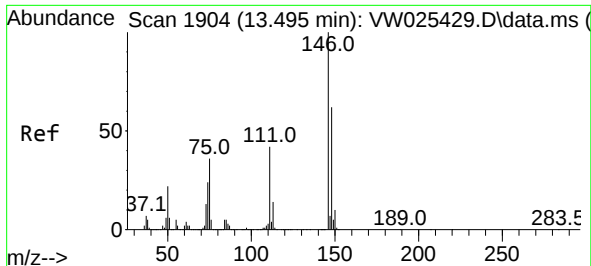
Tgt Ion:105 Resp: 858094
Ion Ratio Lower Upper
105 100
120 48.5 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 29.771 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

Tgt Ion:105 Resp: 826746
Ion Ratio Lower Upper
105 100
120 44.5 36.0 54.0

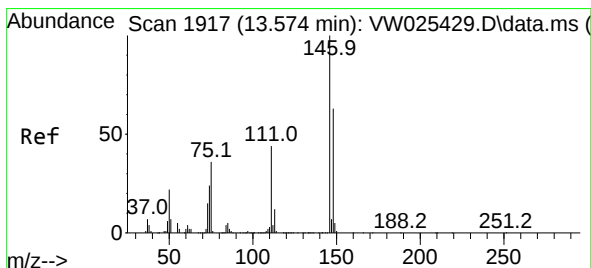
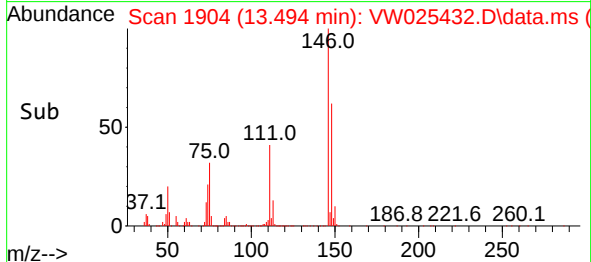
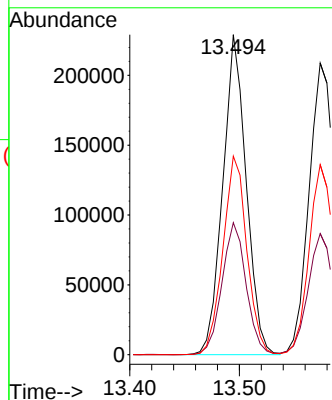
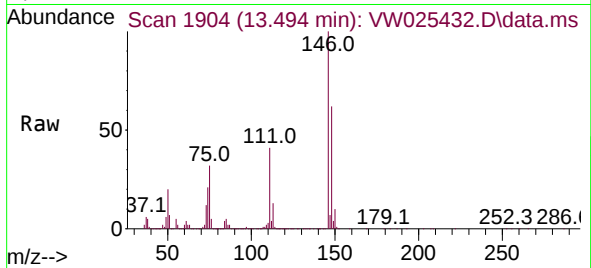




#64
1,3-Dichlorobenzene
Concen: 22.568 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

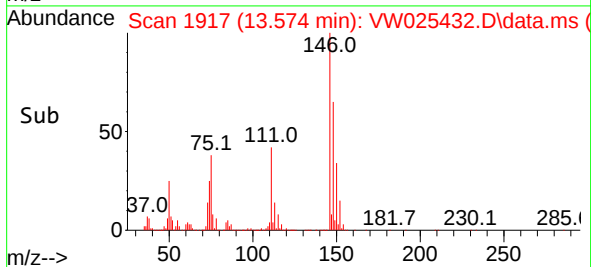
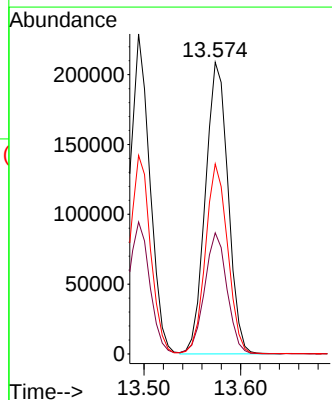
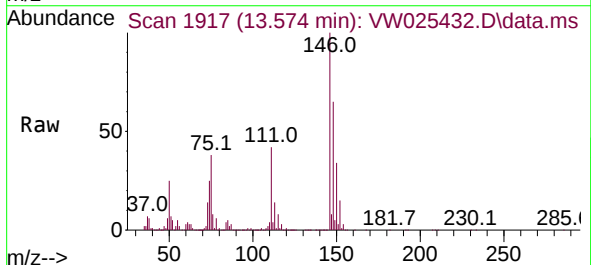
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MS

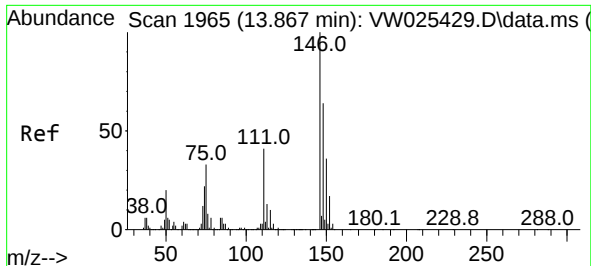
Tgt Ion:146 Resp: 340379
Ion Ratio Lower Upper
146 100
111 41.2 29.7 55.1
148 62.1 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 22.038 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025432.D
Acq: 20 Mar 2023 10:51

Tgt Ion:146 Resp: 340941
Ion Ratio Lower Upper
146 100
111 41.5 28.2 52.4
148 65.2 39.8 73.8





#67

1,2-Dichlorobenzene

Concen: 26.057 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025432.D

Acq: 20 Mar 2023 10:51

Instrument :

MSVOA_W

ClientSampleId :

EYGA2MS

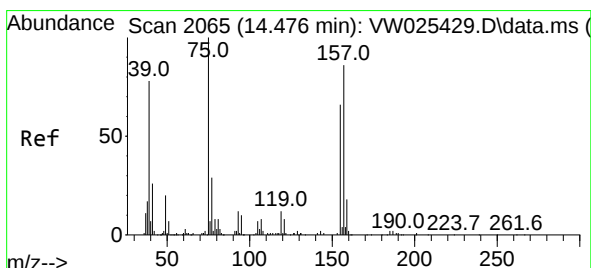
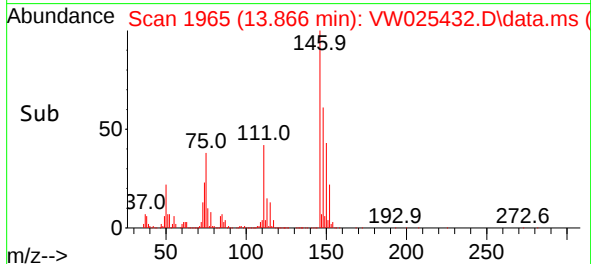
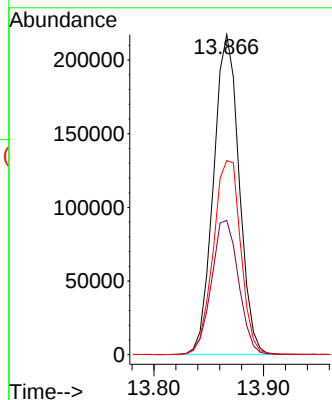
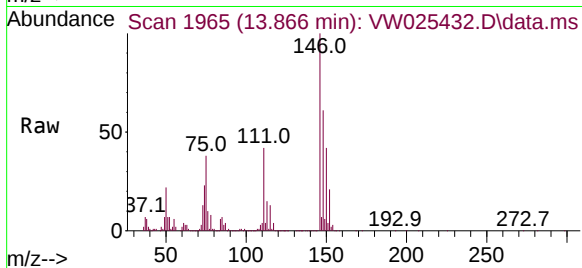
Tgt Ion:146 Resp: 352480

Ion Ratio Lower Upper

146 100

111 42.0 36.6 54.8

148 60.6 53.4 80.2



#68

1,2-Dibromo-3-chloropropane

Concen: 40.339 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW025432.D

Acq: 20 Mar 2023 10:51

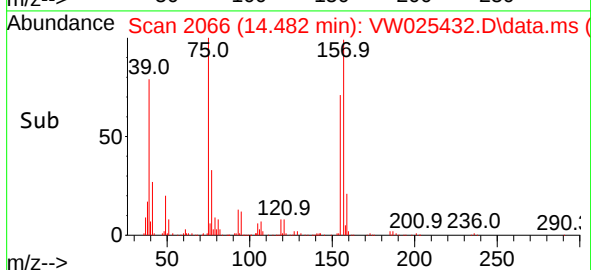
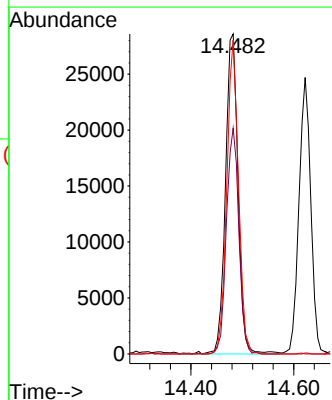
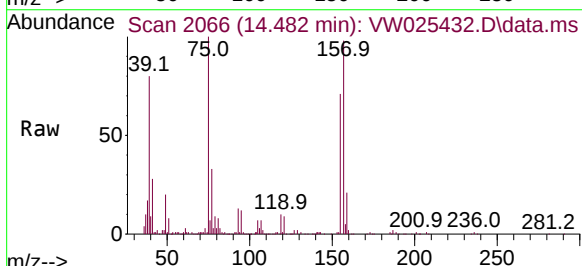
Tgt Ion: 75 Resp: 48581

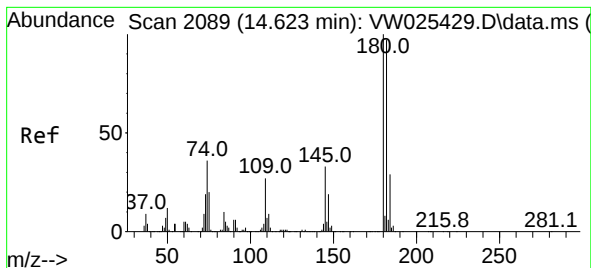
Ion Ratio Lower Upper

75 100

155 70.6 55.4 83.0

157 98.1 75.3 112.9





#69

1,3,5-Trichlorobenzene

Concen: 18.503 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025432.D

Acq: 20 Mar 2023 10:51

Instrument :

MSVOA_W

ClientSampleId :

EYGA2MS

Tgt Ion:180 Resp: 189697

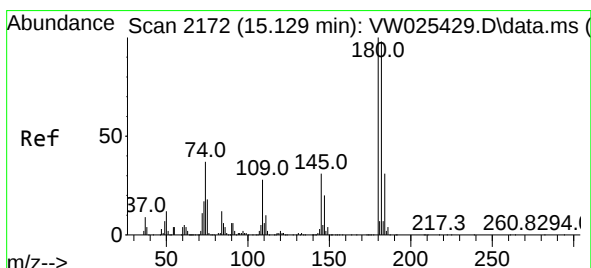
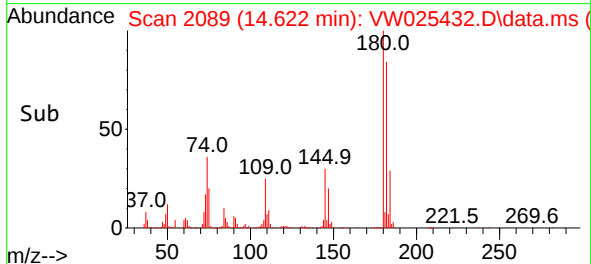
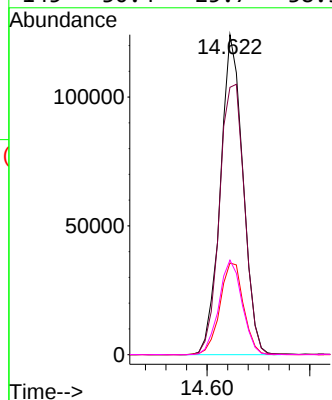
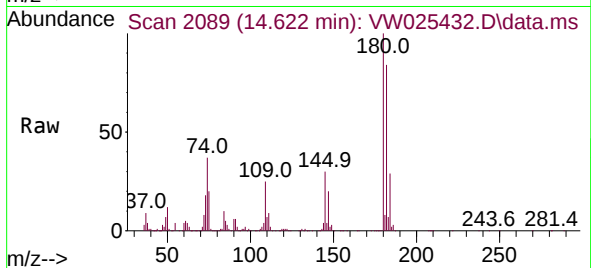
Ion Ratio Lower Upper

180 100

182 93.3 77.1 115.7

184 29.9 24.7 37.1

145 30.4 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 16.986 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025432.D

Acq: 20 Mar 2023 10:51

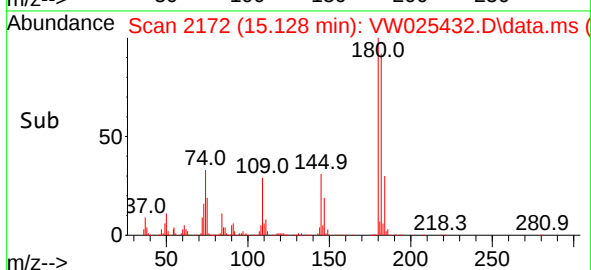
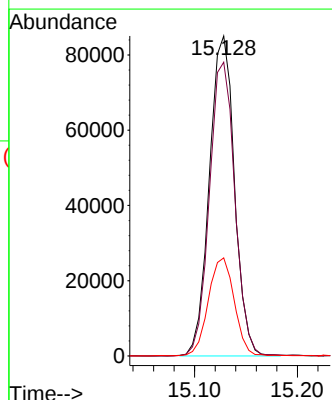
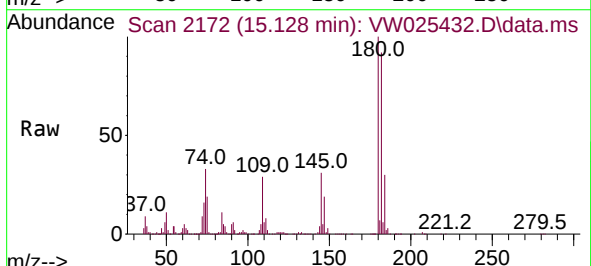
Tgt Ion:180 Resp: 144394

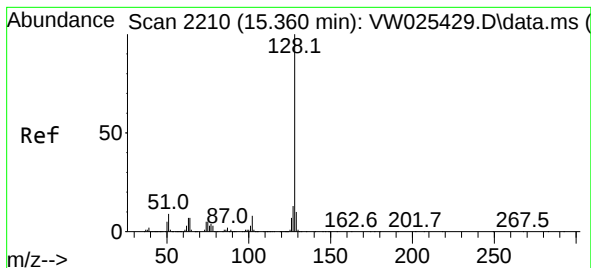
Ion Ratio Lower Upper

180 100

182 92.7 75.5 113.3

145 31.6 25.2 37.8





#71

Naphthalene

Concen: 29.659 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025432.D

Acq: 20 Mar 2023 10:51

Instrument :

MSVOA_W

ClientSampleId :

EYGA2MS

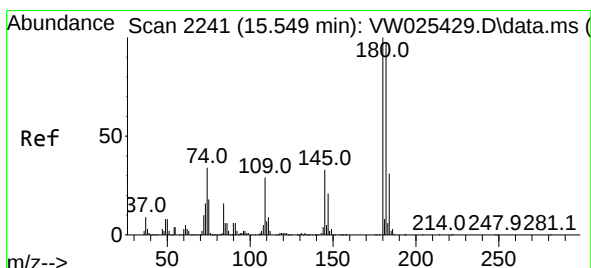
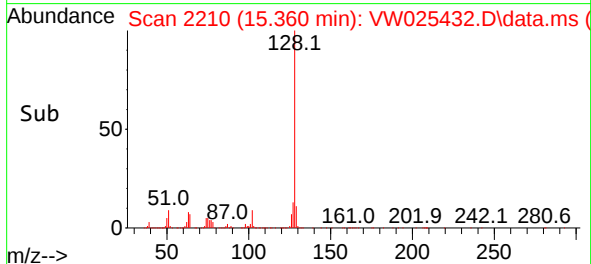
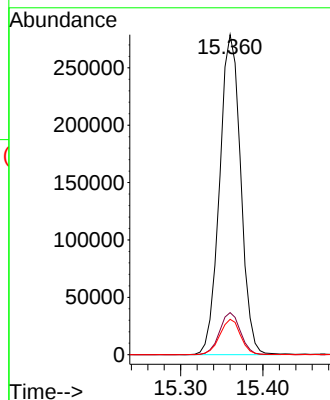
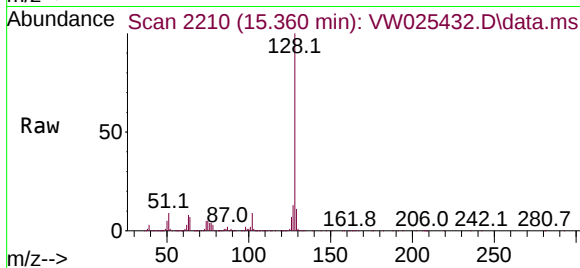
Tgt Ion:128 Resp: 497669

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 19.719 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW025432.D

Acq: 20 Mar 2023 10:51

Tgt Ion:180 Resp: 150556

Ion Ratio Lower Upper

180 100

182 91.9 76.6 114.8

145 34.0 27.7 41.5

