

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062223\
 Data File : VW026301.D
 Acq On : 22 Jun 2023 15:50
 Operator : SY/MD
 Sample : 03383-03MSD
 Misc : 5.79g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW52MSD

Quant Time: Jun 23 01:05:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 23 01:02:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	624057	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	538681	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	236598	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	139618	15.903	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.600%
7) Chloroethane-d5	2.893	69	139221	21.184	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.720%
11) 1,1-Dichloroethene-d2	4.021	65	74708	17.258	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.040%
21) 2-Butanone-d5	7.075	46	234978	91.935	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	183.860%#
24) Chloroform-d	7.648	84	401086	21.948	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	8.307	65	250283	25.046	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	8.276	84	733156	20.227	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.920%
36) 1,2-Dichloropropane-d6	9.270	67	264372	23.022	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.080%
41) Toluene-d8	10.325	98	622470	19.364	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.440%
43) trans-1,3-Dichloroprop...	10.575	79	98600	21.668	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.680%
47) 2-Hexanone-d5	10.922	63	156065	86.191	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	172.380%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	290279	34.737	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	138.960%#
66) 1,2-Dichlorobenzene-d4	13.848	152	184721	20.398	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	118897	15.542	ug/L	94
3) Chloromethane	2.223	50	188363	19.203	ug/L	100
5) Vinyl chloride	2.375	62	206354	19.680	ug/L	97
6) Bromomethane	2.783	94	114238	19.986	ug/L	98
8) Chloroethane	2.930	64	128150	22.617	ug/L	98
9) Trichlorofluoromethane	3.265	101	153642	22.777	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	162637	19.107	ug/L	99
12) 1,1-Dichloroethene	4.045	96	159896	20.124	ug/L	81
13) Acetone	4.125	43	181100	91.571	ug/L	99
14) Carbon disulfide	4.393	76	435249	15.517	ug/L	99
15) Methyl Acetate	4.673	43	148211	33.391	ug/L	98
16) Methylene chloride	4.917	84	195817	19.660	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	167768	18.819	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	345826	24.614	ug/L	99
19) 1,1-Dichloroethane	6.216	63	385420	21.237	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	194609	20.609	ug/L	97
22) 2-Butanone	7.167	43	222534	78.880	ug/L	98
23) Bromochloromethane	7.514	128	88332	21.934	ug/L	93
25) Chloroform	7.679	83	363507	21.504	ug/L	100

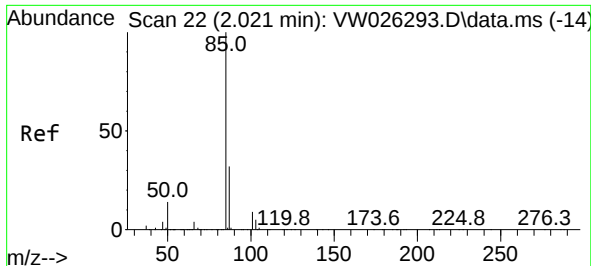
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 Quant Title : SFAM01.0
 QLast Update : Fri Jun 23 01:02:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	284230	24.380	ug/L	98
29) Cyclohexane	7.959	56	301997	18.159	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	280811	21.481	ug/L	99
31) Carbon tetrachloride	8.069	117	245769	20.603	ug/L	98
33) Benzene	8.325	78	775010	21.002	ug/L	100
34) Trichloroethene	9.093	95	184738	19.551	ug/L	95
35) Methylcyclohexane	9.337	83	280907	16.801	ug/L	99
37) 1,2-Dichloropropane	9.368	63	225563	22.568	ug/L	100
38) Bromodichloromethane	9.642	83	263277	22.673	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	324091	22.065	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	420355	71.335	ug/L	99
42) Toluene	10.386	91	783680	20.763	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	286835	23.441	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	171395	26.019	ug/L	97
46) Tetrachloroethene	10.861	164	122555	18.337	ug/L	95
48) 2-Hexanone	10.965	43	312508	75.214	ug/L	99
49) Dibromochloromethane	11.129	129	172281	24.945	ug/L	90
50) 1,2-Dibromoethane	11.233	107	156976	25.737	ug/L #	97
51) Chlorobenzene	11.654	112	474745	20.073	ug/L	99
52) Ethylbenzene	11.727	91	844892	19.844	ug/L	98
53) m,p-Xylene	11.837	106	310704	19.616	ug/L	100
54) o-Xylene	12.166	106	297107	19.874	ug/L	95
55) Styrene	12.178	104	506162	19.735	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	234586	29.426	ug/L	98
59) Bromoform	12.349	173	99572	28.020	ug/L	98
60) Isopropylbenzene	12.459	105	795918	21.414	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	175637	33.141	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	619333	20.961	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	562593	20.789	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	290569	18.593	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	301746	19.178	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	278240	19.827	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	39359	32.055	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	156460	14.575	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	112837	12.738	ug/L	95
71) Naphthalene	15.360	128	305651	19.360	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	111778	14.439	ug/L	97

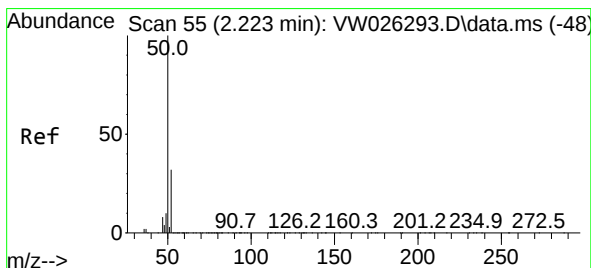
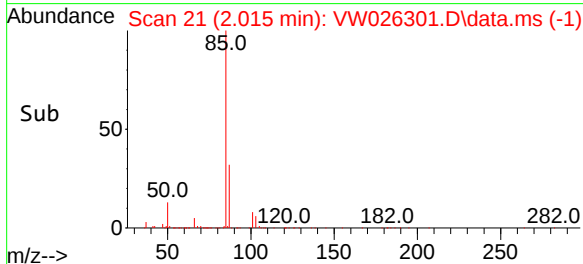
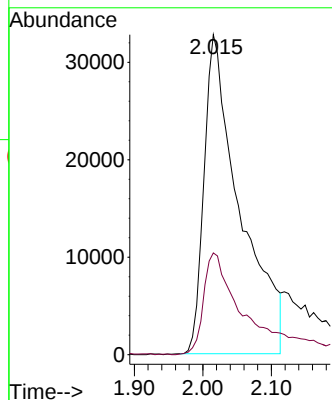
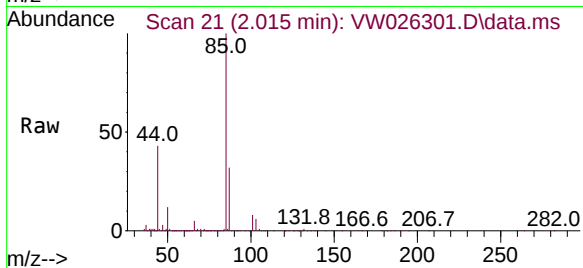
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 15.542 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

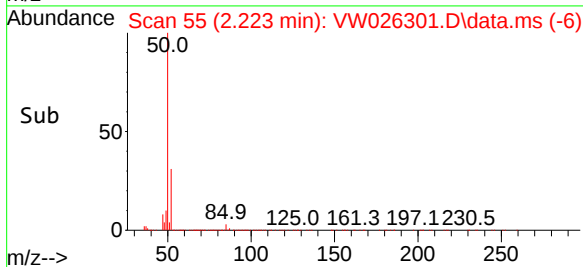
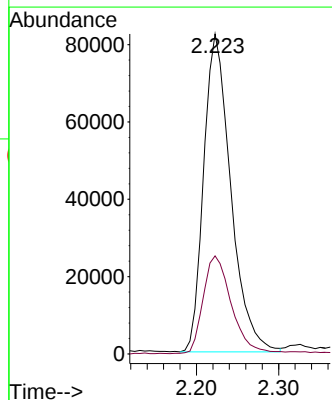
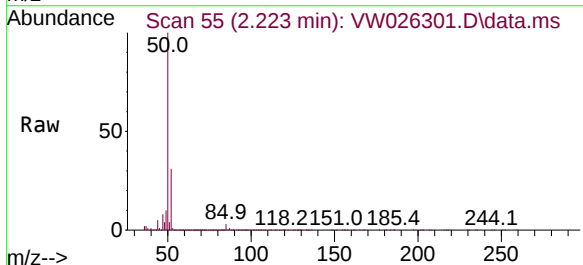
Instrument :
MSVOA_W
ClientSampleId :
YBW52MSD

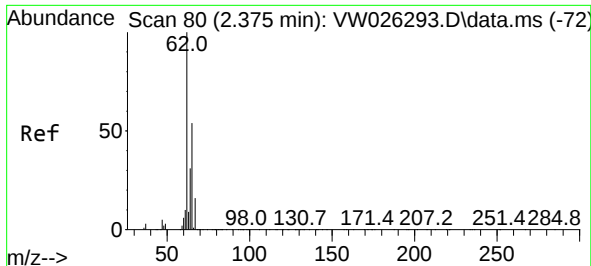
Tgt Ion: 85 Resp: 118897
Ion Ratio Lower Upper
85 100
87 31.0 22.2 33.2



#3
Chloromethane
Concen: 19.203 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

Tgt Ion: 50 Resp: 188363
Ion Ratio Lower Upper
50 100
52 30.6 21.3 39.6

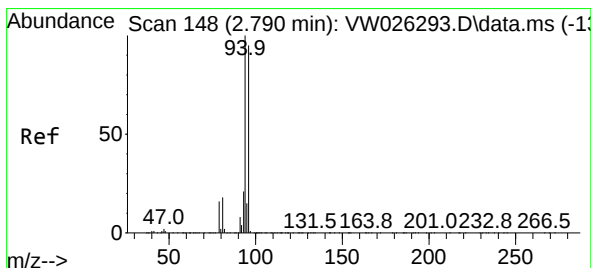
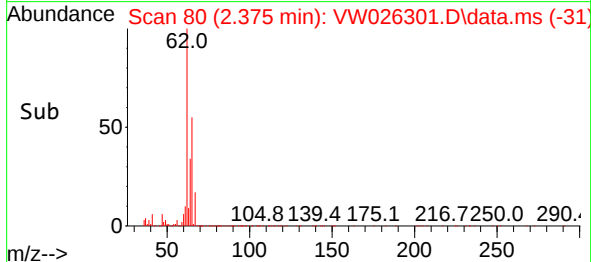
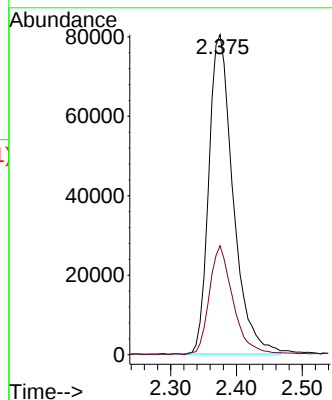
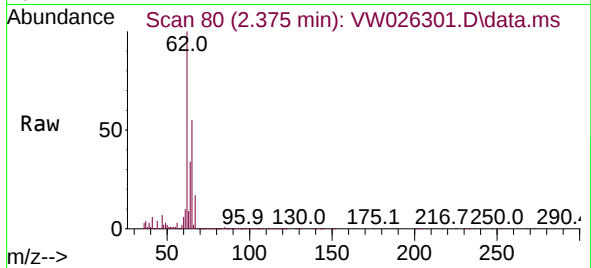




#5
 Vinyl chloride
 Concen: 19.680 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026301.D
 Acq: 22 Jun 2023 15:50

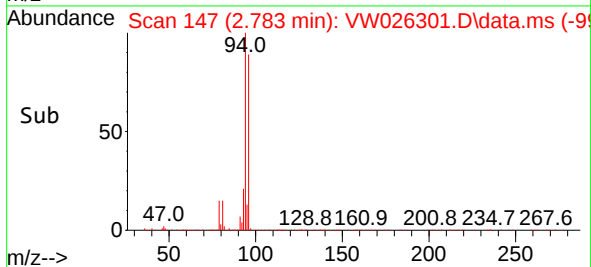
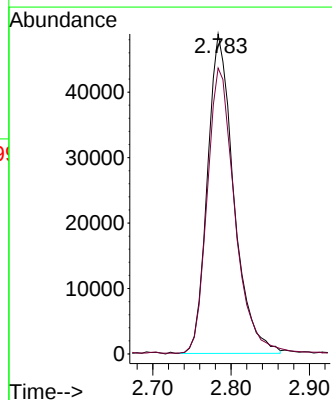
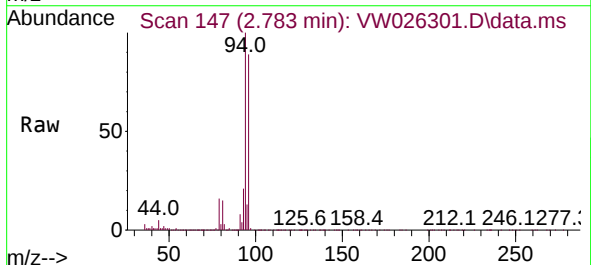
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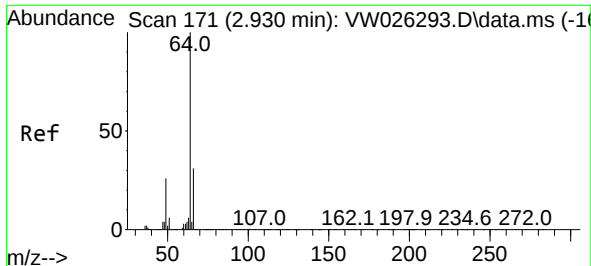
Tgt Ion: 62 Resp: 206354
 Ion Ratio Lower Upper
 62 100
 64 34.1 22.7 42.1



#6
 Bromomethane
 Concen: 19.986 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026301.D
 Acq: 22 Jun 2023 15:50

Tgt Ion: 94 Resp: 114238
 Ion Ratio Lower Upper
 94 100
 96 89.3 64.2 119.2

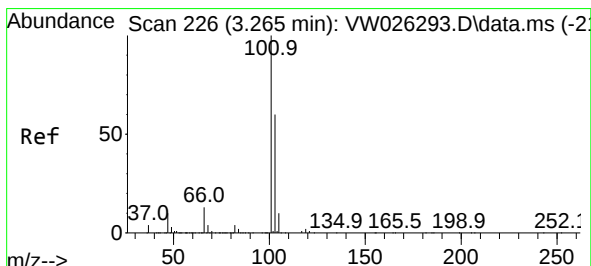
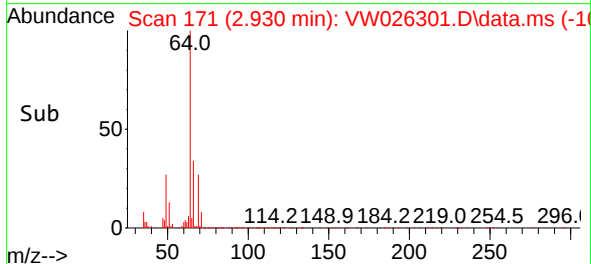
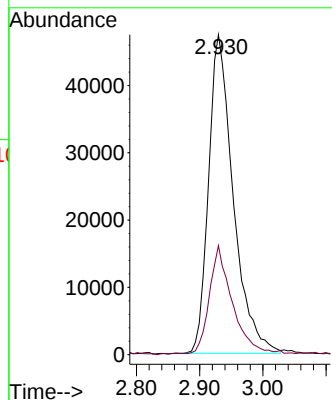
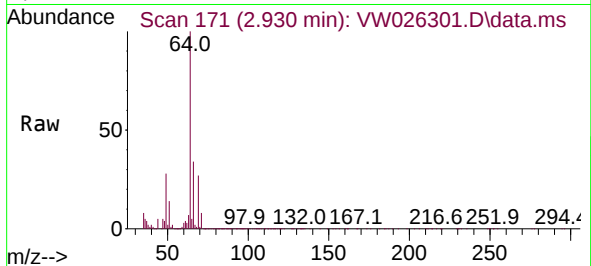




#8
Chloroethane
Concen: 22.617 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

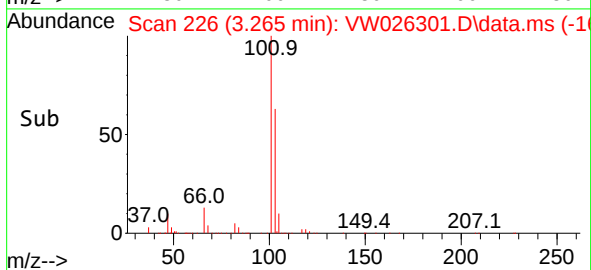
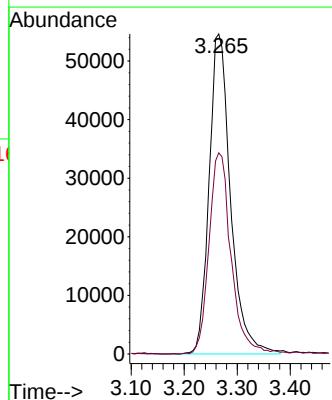
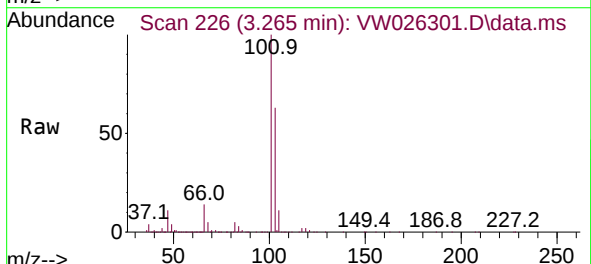
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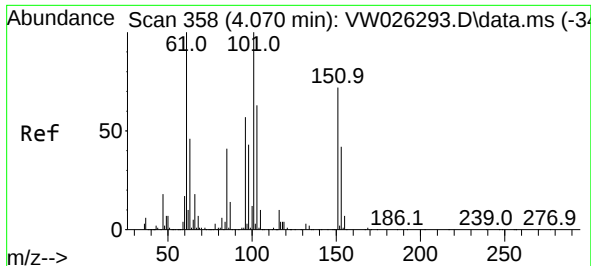
Tgt Ion: 64 Resp: 128150
Ion Ratio Lower Upper
64 100
66 34.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 22.777 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

Tgt Ion: 101 Resp: 153642
Ion Ratio Lower Upper
101 100
103 63.7 51.6 77.4

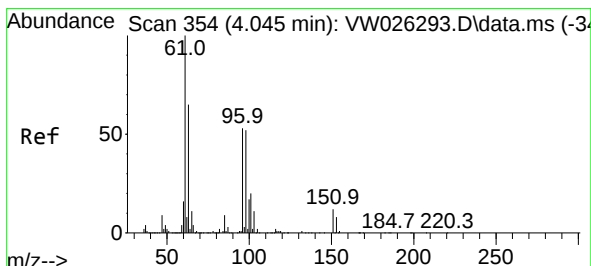
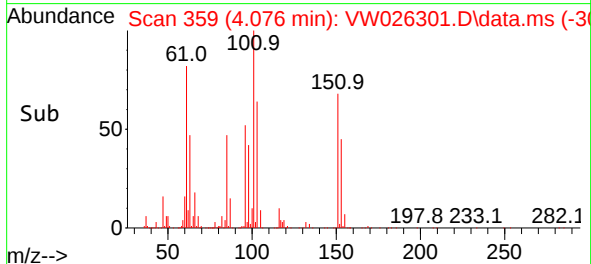
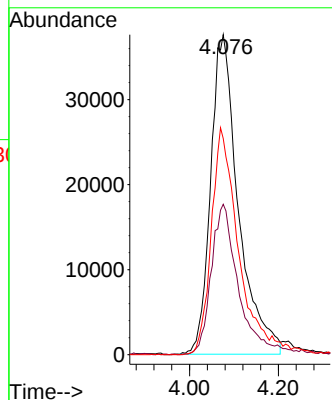
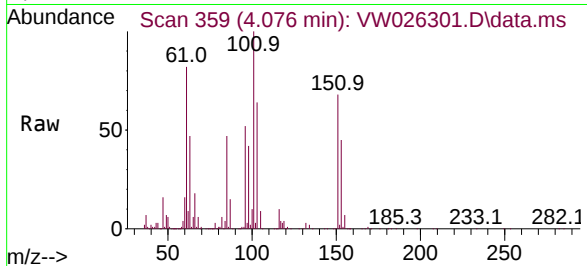




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.107 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW026301.D
 Acq: 22 Jun 2023 15:50

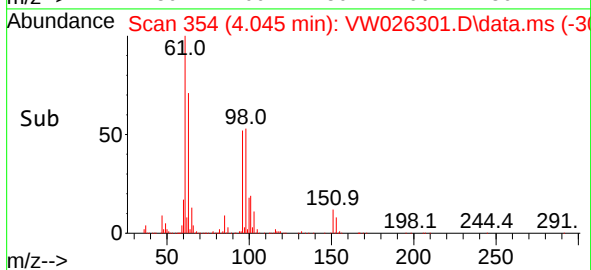
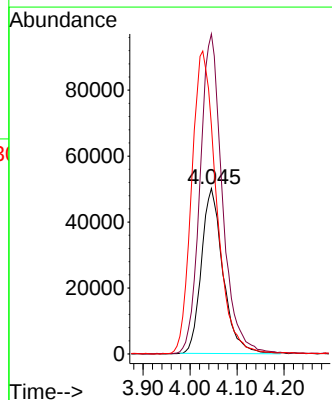
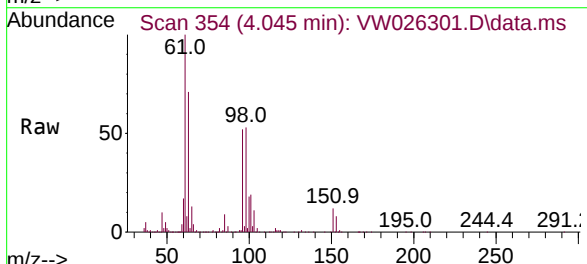
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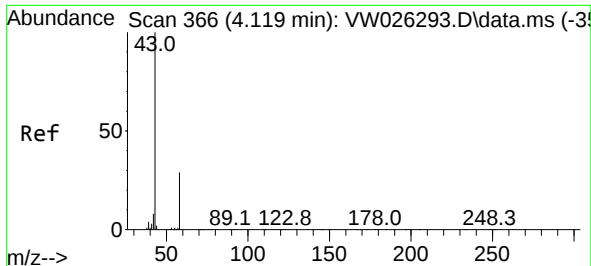
Tgt Ion: 101 Resp: 162637
 Ion Ratio Lower Upper
 101 100
 85 44.6 36.1 54.1
 151 67.5 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 20.124 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW026301.D
 Acq: 22 Jun 2023 15:50

Tgt Ion: 96 Resp: 159896
 Ion Ratio Lower Upper
 96 100
 61 193.4 140.6 261.0
 63 138.2 131.7 244.5

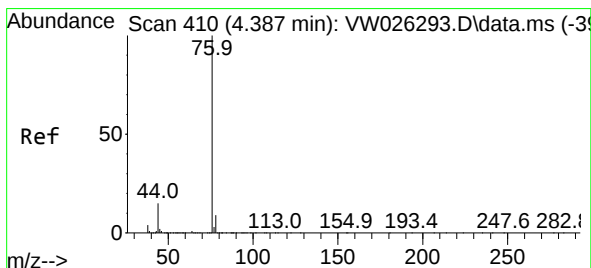
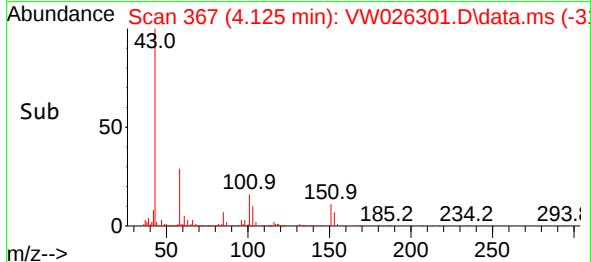
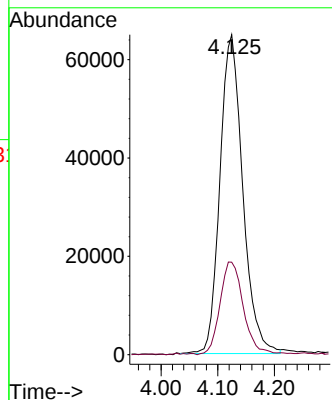
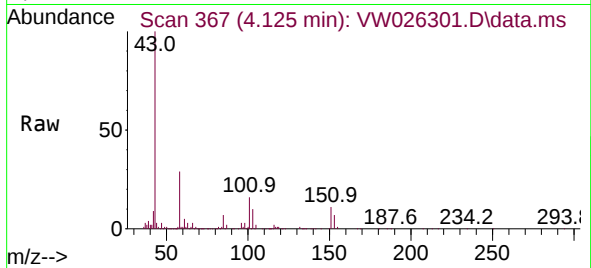




#13
Acetone
Concen: 91.571 ug/L
RT: 4.125 min Scan# 301
Delta R.T. 0.006 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

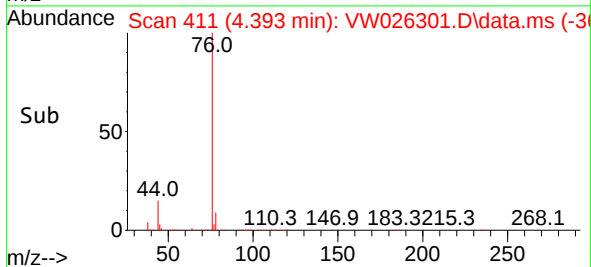
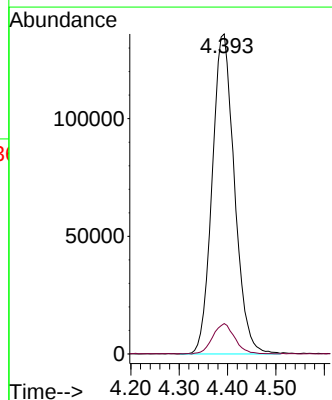
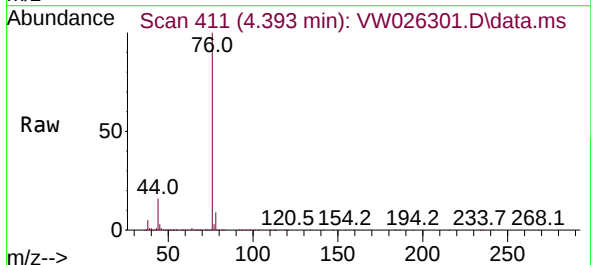
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MSVOA_W
ClientSampleId :
YBW52MSD

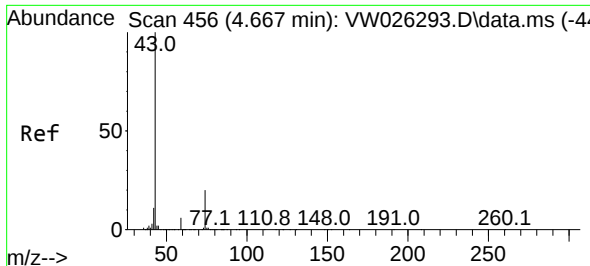
Tgt Ion: 43 Resp: 181100
Ion Ratio Lower Upper
43 100
58 29.8 0.0 58.2



#14
Carbon disulfide
Concen: 15.517 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

Tgt Ion: 76 Resp: 435249
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

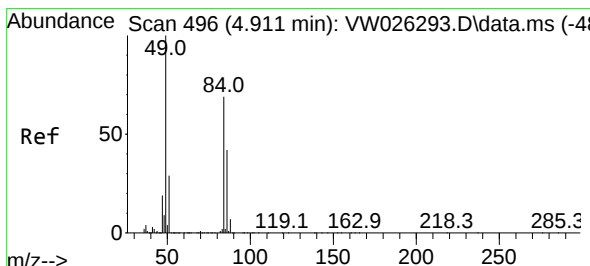
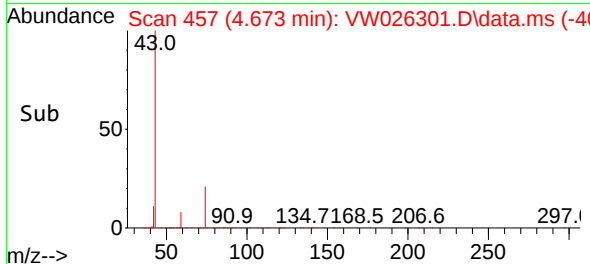
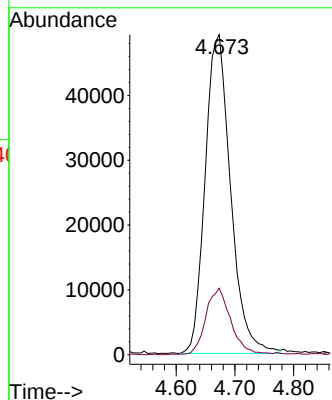
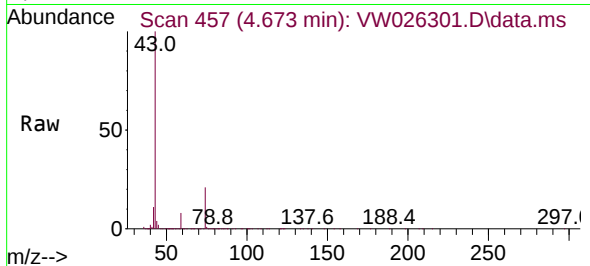




#15
Methyl Acetate
Concen: 33.391 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

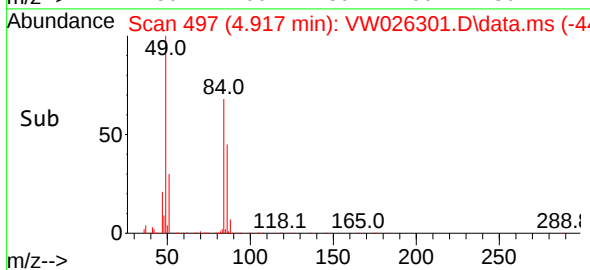
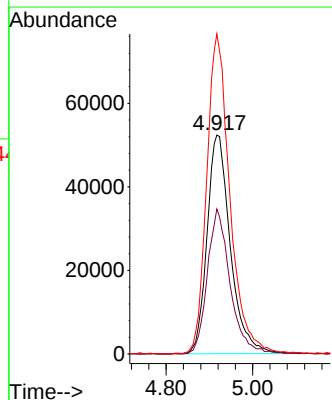
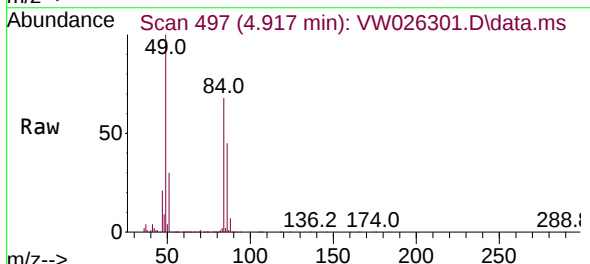
Instrument :
MSVOA_W
ClientSampleId :
YBW52MSD

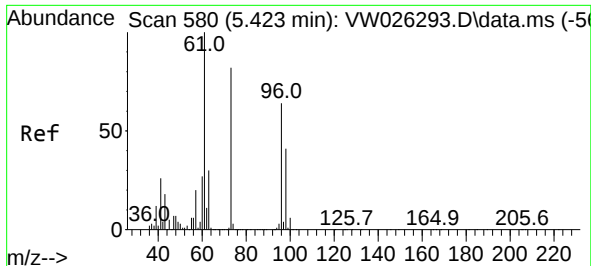
Tgt Ion: 43 Resp: 148211
Ion Ratio Lower Upper
43 100
74 20.0 16.6 25.0



#16
Methylene chloride
Concen: 19.660 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

Tgt Ion: 84 Resp: 195817
Ion Ratio Lower Upper
84 100
86 66.2 44.2 82.0
49 146.2 98.8 183.6

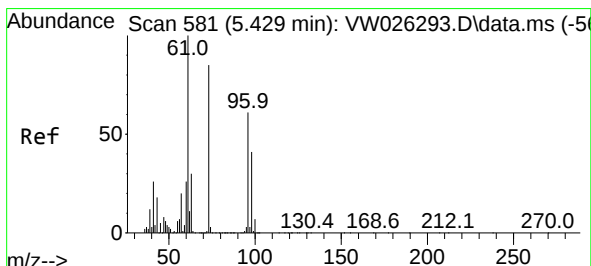
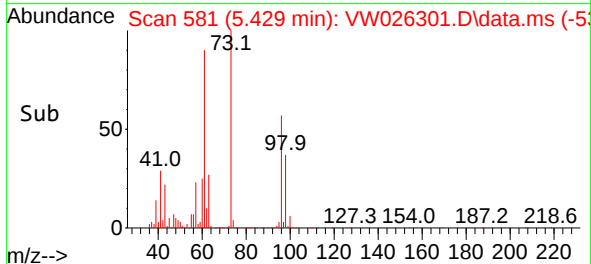
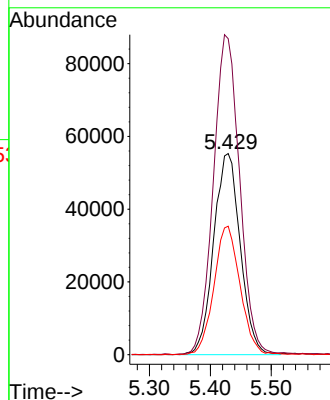
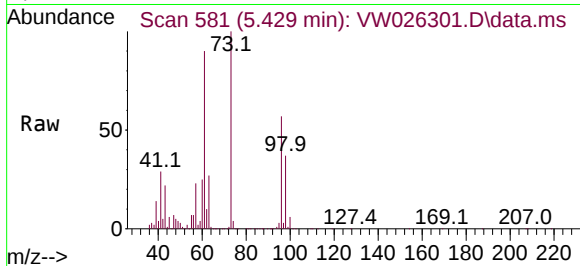




#17
trans-1,2-Dichloroethene
Concen: 18.819 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

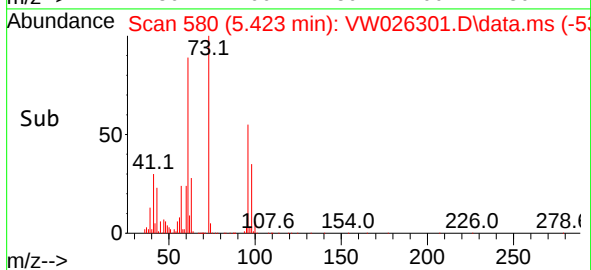
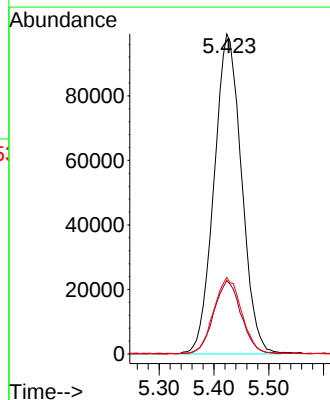
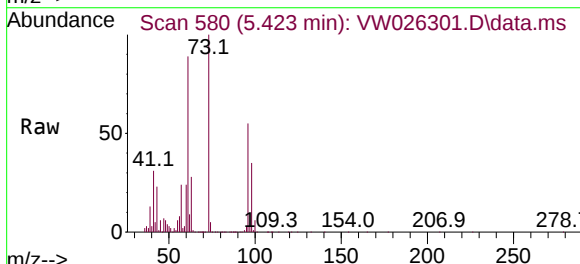
Instrument :
MSVOA_W
ClientSampleId :
YBW52MSD

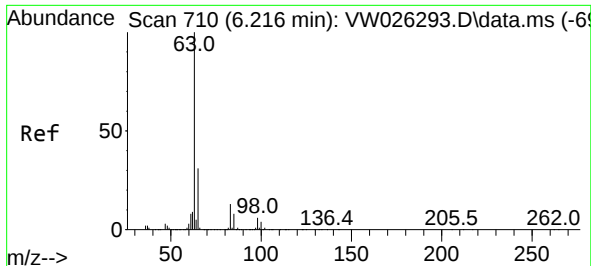
Tgt Ion: 96 Resp: 167768
Ion Ratio Lower Upper
96 100
61 157.1 113.0 209.8
98 63.9 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 24.614 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

Tgt Ion: 73 Resp: 345826
Ion Ratio Lower Upper
73 100
43 22.5 17.8 26.6
57 24.3 18.9 28.3

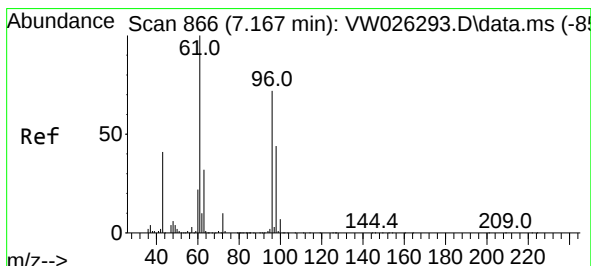
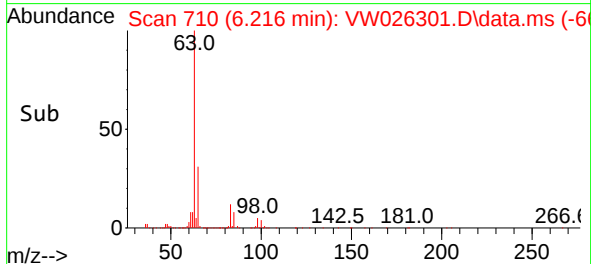
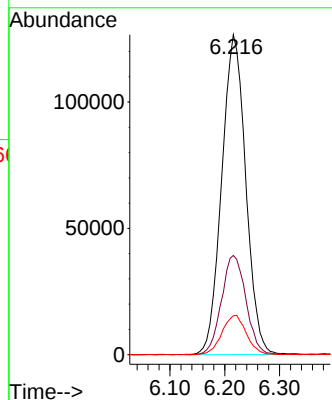
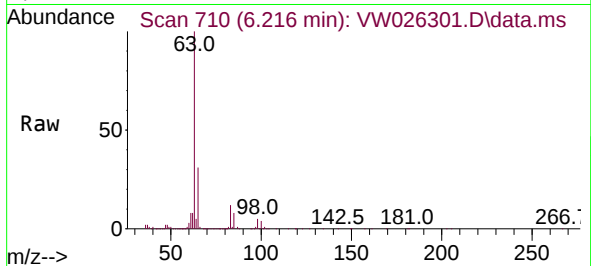




#19
1,1-Dichloroethane
Concen: 21.237 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

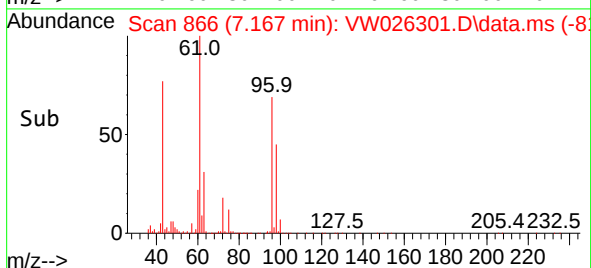
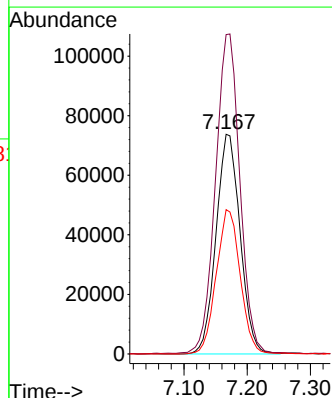
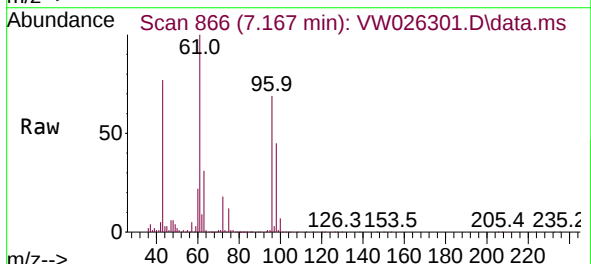
Instrument :
MSVOA_W
ClientSampleId :
YBW52MSD

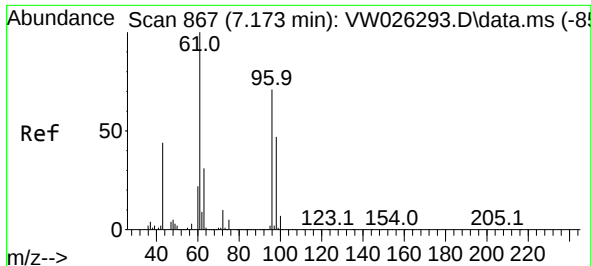
Tgt Ion: 63 Resp: 385420
Ion Ratio Lower Upper
63 100
65 31.0 22.3 41.5
83 12.2 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 20.609 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

Tgt Ion: 96 Resp: 194609
Ion Ratio Lower Upper
96 100
61 145.4 98.4 182.8
98 65.7 45.2 84.0

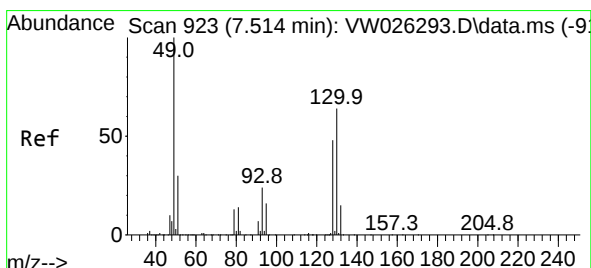
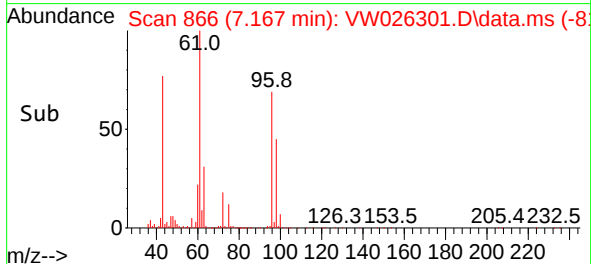
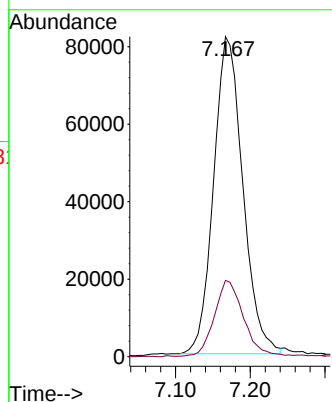
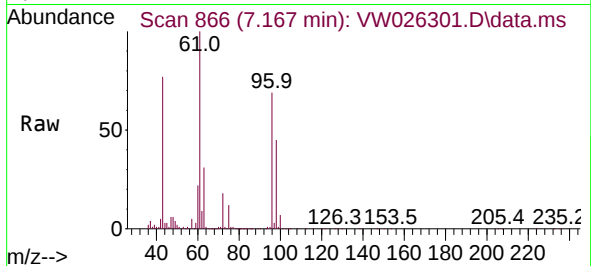




#22
2-Butanone
Concen: 78.880 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

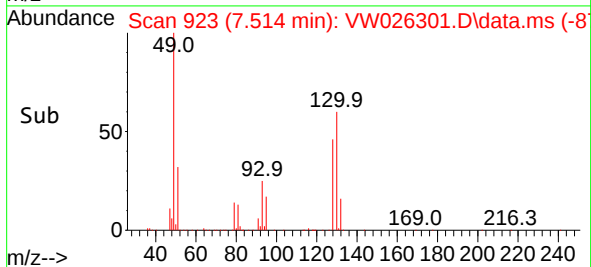
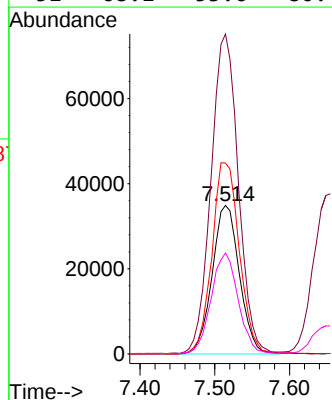
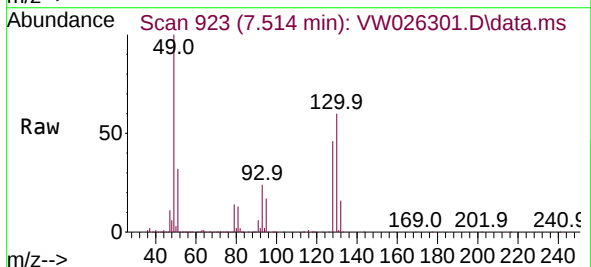
Instrument :
MSVOA_W
ClientSampleId :
YBW52MSD

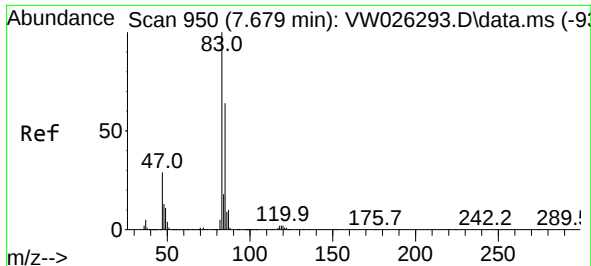
Tgt Ion: 43 Resp: 222534
Ion Ratio Lower Upper
43 100
72 23.9 12.4 37.4



#23
Bromochloromethane
Concen: 21.934 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

Tgt Ion: 128 Resp: 88332
Ion Ratio Lower Upper
128 100
49 215.6 140.6 261.0
130 128.6 86.0 159.6
51 68.1 53.6 80.4

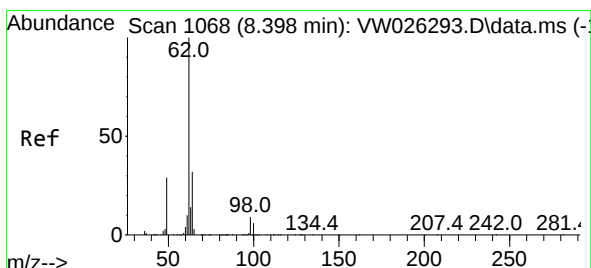
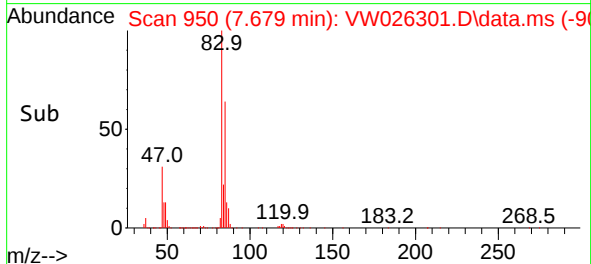
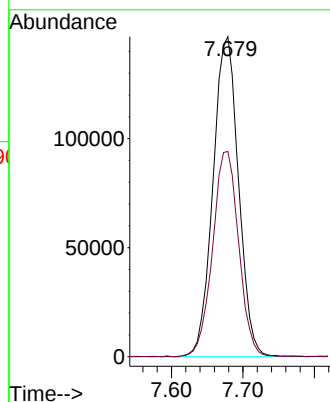
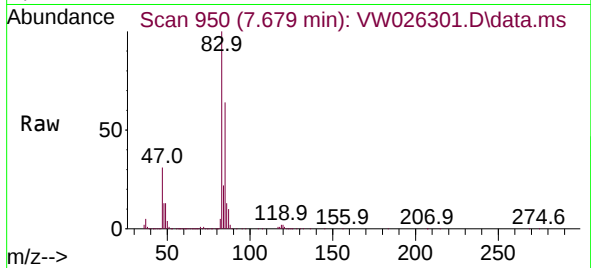




#25
Chloroform
Concen: 21.504 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

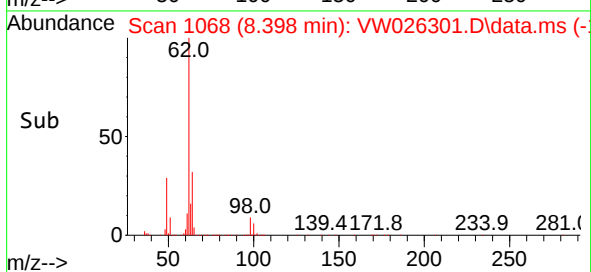
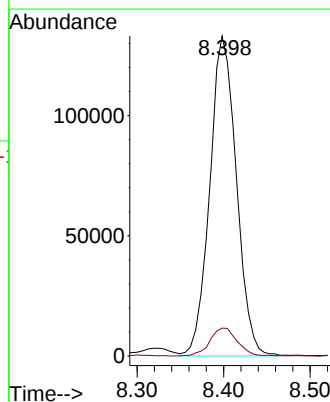
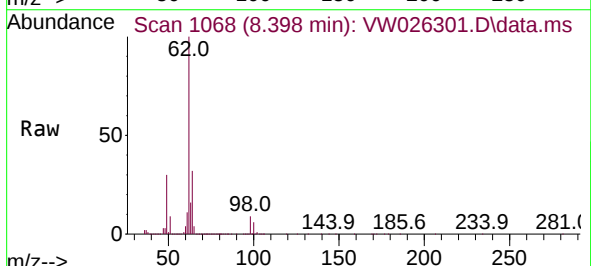
Instrument :
MSVOA_W
ClientSampleId :
YBW52MSD

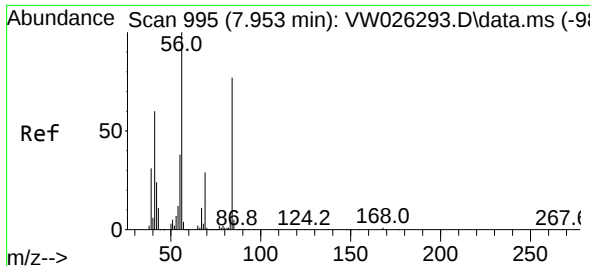
Tgt Ion: 83 Resp: 363507
Ion Ratio Lower Upper
83 100
85 64.1 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.380 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

Tgt Ion: 62 Resp: 284230
Ion Ratio Lower Upper
62 100
98 8.7 7.4 11.2

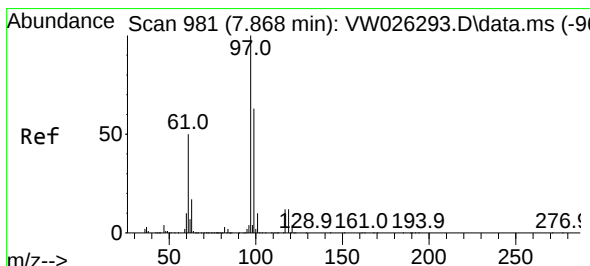
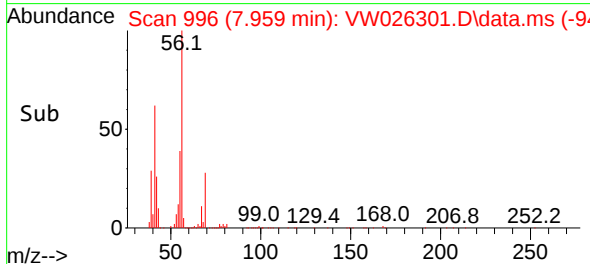
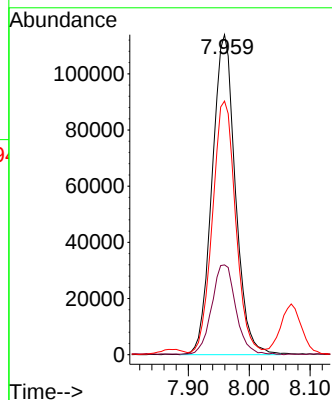
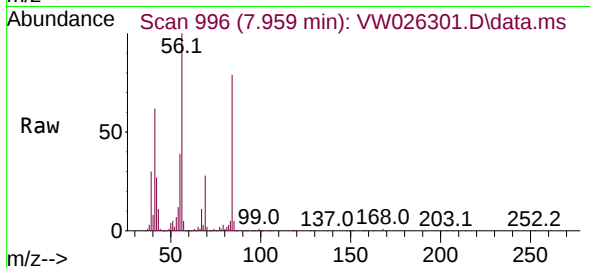




#29
Cyclohexane
Concen: 18.159 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

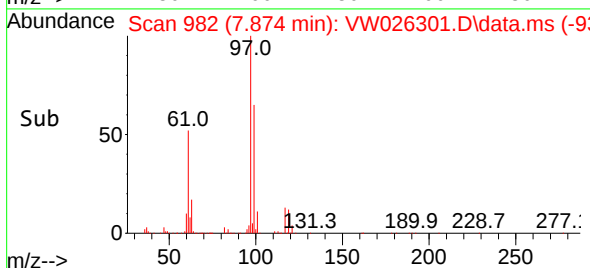
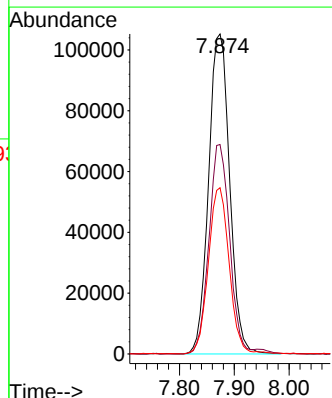
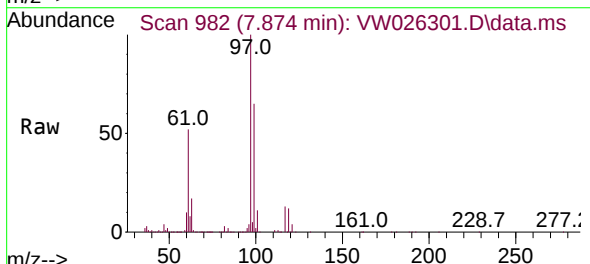
Instrument :
MSVOA_W
ClientSampleId :
YBW52MSD

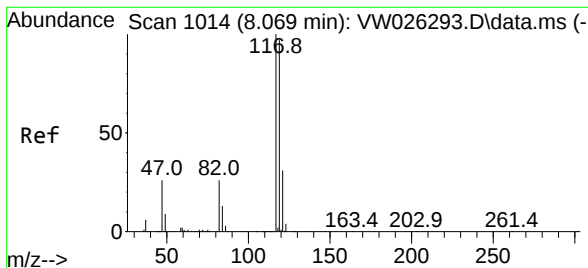
Tgt Ion: 56 Resp: 301997
Ion Ratio Lower Upper
56 100
69 28.7 23.3 34.9
84 79.0 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 21.481 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

Tgt Ion: 97 Resp: 280811
Ion Ratio Lower Upper
97 100
99 64.1 50.6 76.0
61 51.1 40.5 60.7

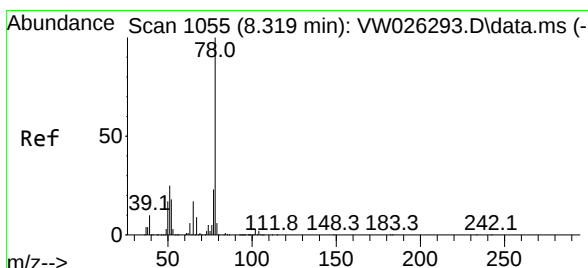
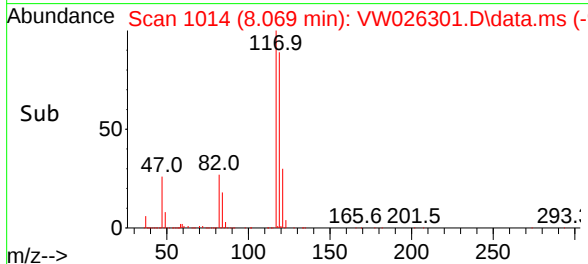
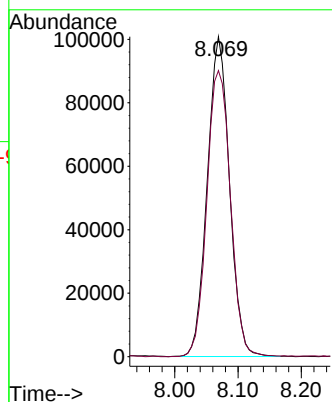
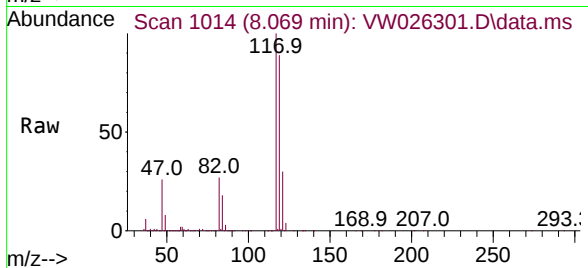




#31
Carbon tetrachloride
Concen: 20.603 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

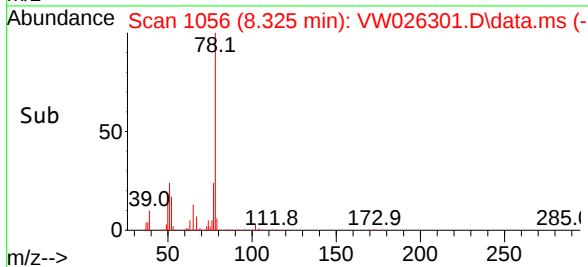
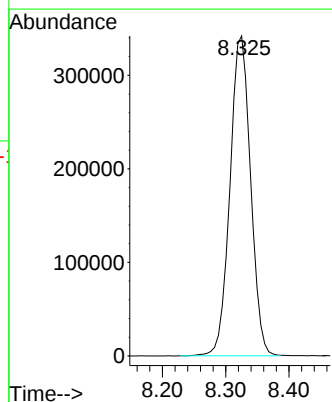
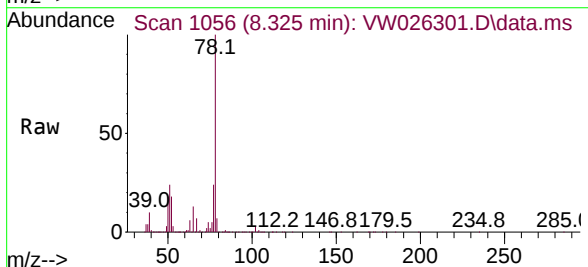
Instrument :
MSVOA_W
ClientSampleId :
YBW52MSD

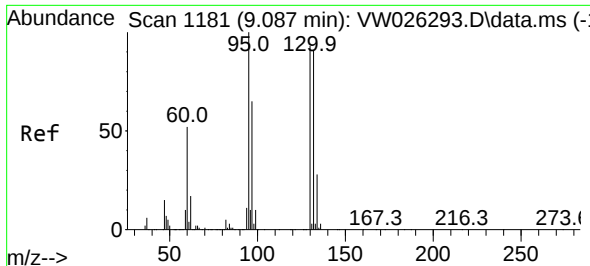
Tgt Ion:117 Resp: 245769
Ion Ratio Lower Upper
117 100
119 94.7 77.4 116.2



#33
Benzene
Concen: 21.002 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

Tgt Ion: 78 Resp: 775010



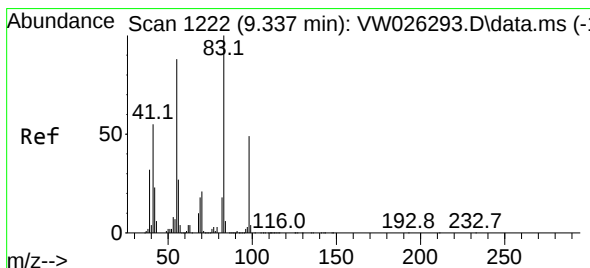
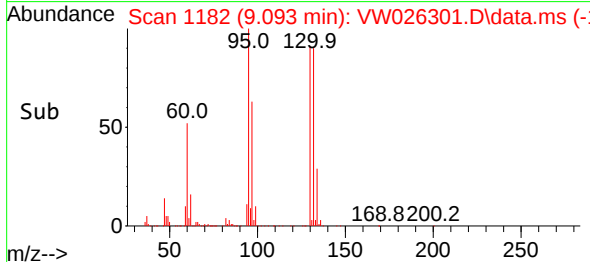
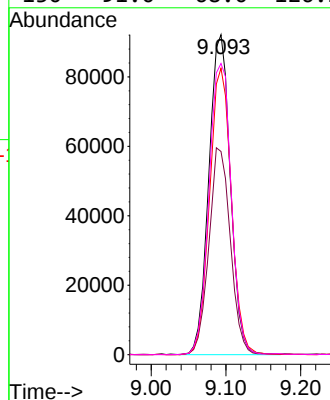
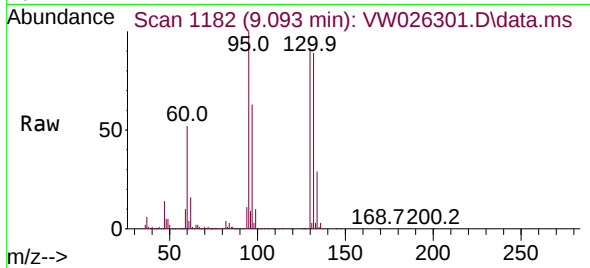


#34
Trichloroethene
Concen: 19.551 ug/L
RT: 9.093 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

Instrument :
MSVOA_W
ClientSampleId :
YBW52MSD

Tgt Ion: 95 Resp: 184738

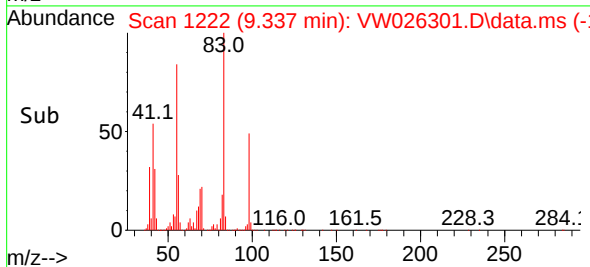
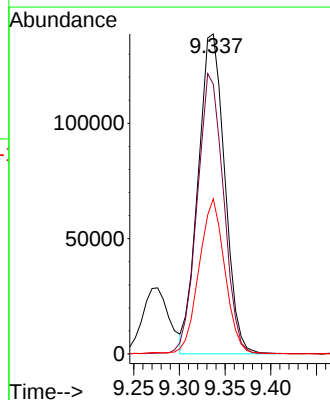
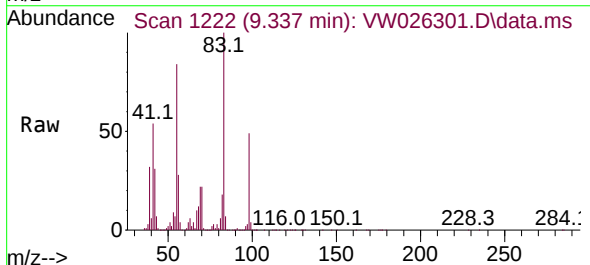
Ion	Ratio	Lower	Upper
95	100		
97	63.5	45.9	85.3
132	89.5	67.1	124.7
130	91.0	68.0	126.2

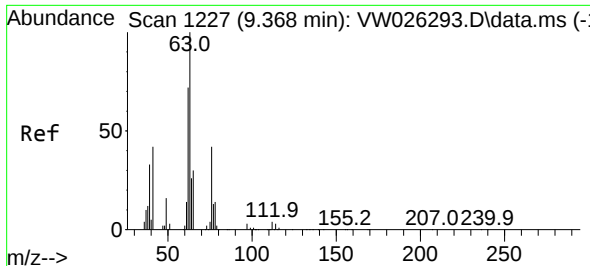


#35
Methylcyclohexane
Concen: 16.801 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

Tgt Ion: 83 Resp: 280907

Ion	Ratio	Lower	Upper
83	100		
55	86.1	68.2	102.4
98	47.2	38.1	57.1

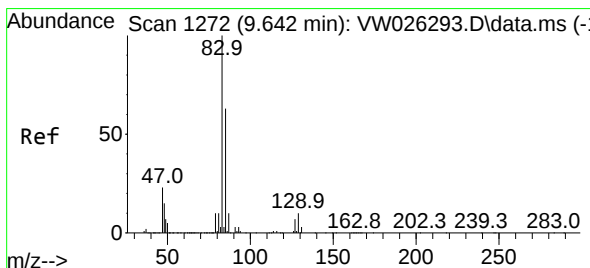
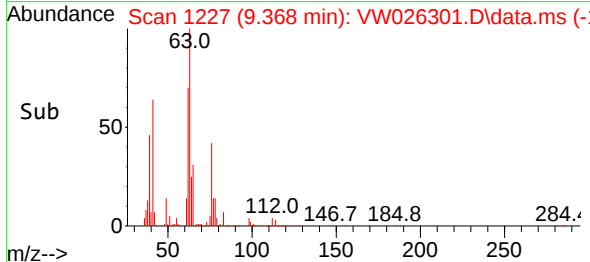
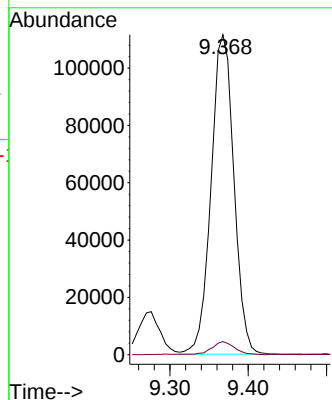
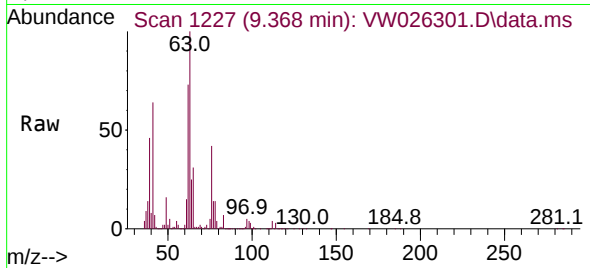




#37
1,2-Dichloropropane
Concen: 22.568 ug/L
RT: 9.368 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

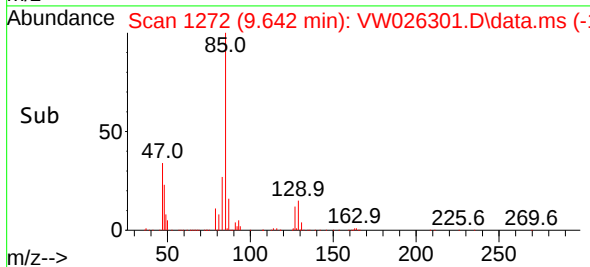
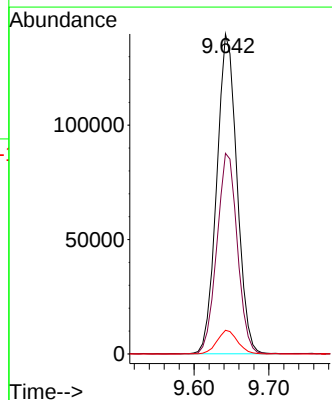
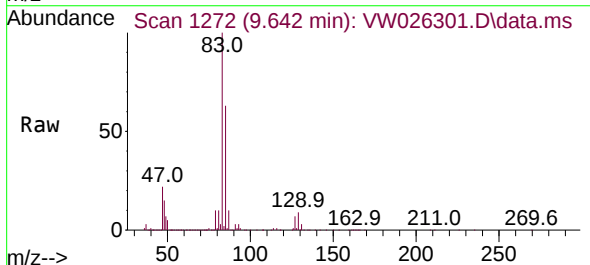
Instrument :
MSVOA_W
ClientSampleId :
YBW52MSD

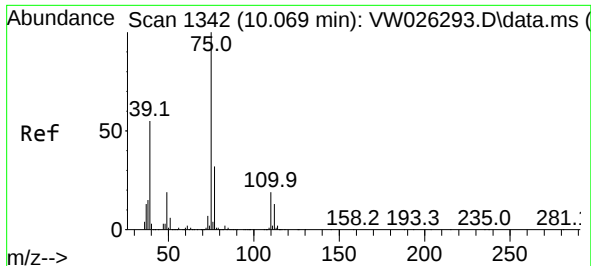
Tgt Ion: 63 Resp: 225563
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9



#38
Bromodichloromethane
Concen: 22.673 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

Tgt Ion: 83 Resp: 263277
Ion Ratio Lower Upper
83 100
85 62.7 44.2 82.0
127 7.4 6.2 9.2

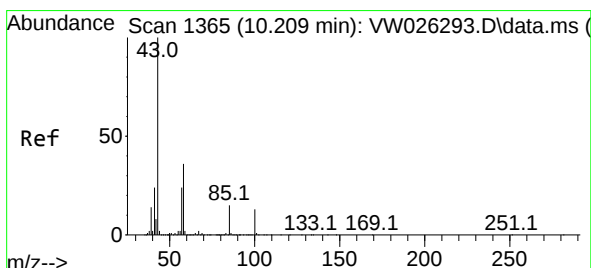
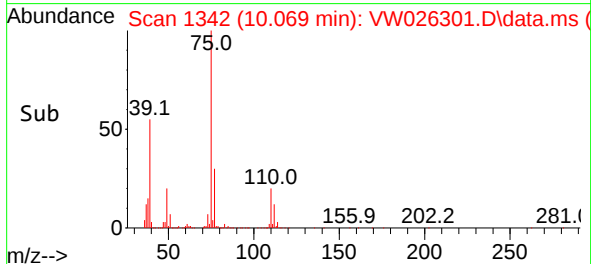
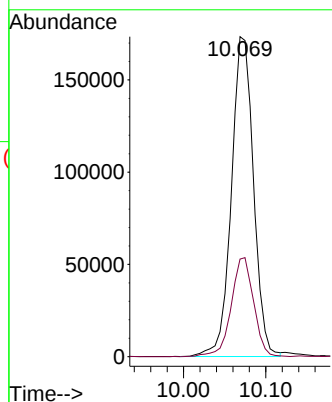
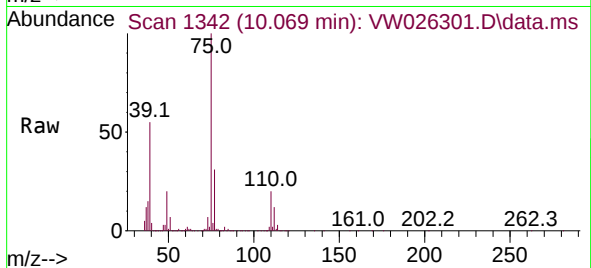




#39
 cis-1,3-Dichloropropene
 Concen: 22.065 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. -0.000 min
 Lab File: VW026301.D
 Acq: 22 Jun 2023 15:50

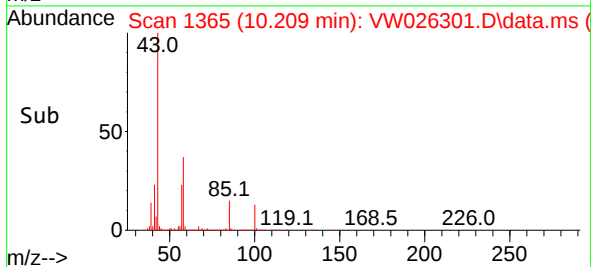
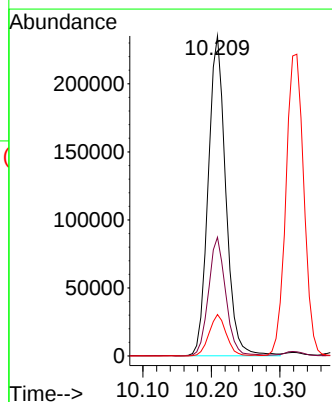
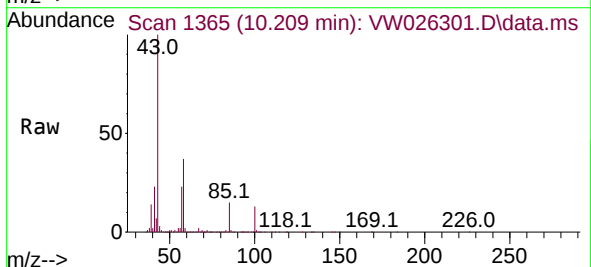
Instrument :
 MSVOA_W
 ClientSampleId :
 YBW52MSD

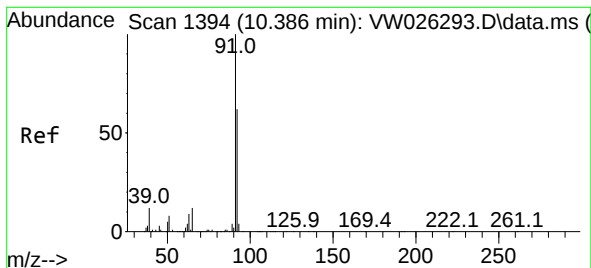
Tgt Ion: 75 Resp: 324091
 Ion Ratio Lower Upper
 75 100
 77 30.5 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 71.335 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW026301.D
 Acq: 22 Jun 2023 15:50

Tgt Ion: 43 Resp: 420355
 Ion Ratio Lower Upper
 43 100
 58 36.4 29.0 43.4
 100 12.7 10.5 15.7





#42

Toluene

Concen: 20.763 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026301.D

Acq: 22 Jun 2023 15:50

Instrument :

MSVOA_W

ClientSampleId :

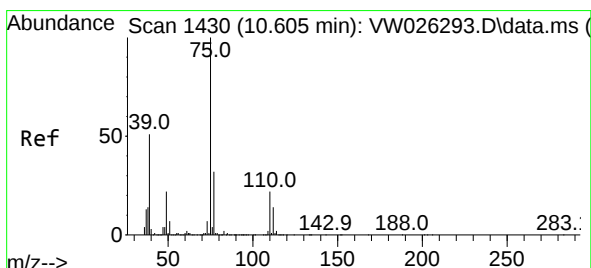
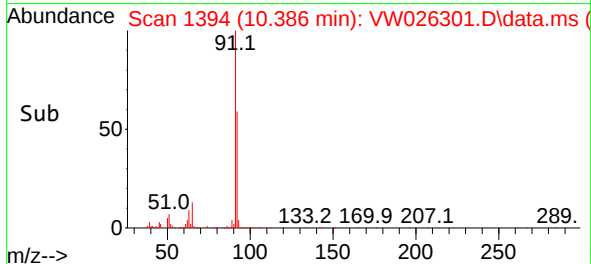
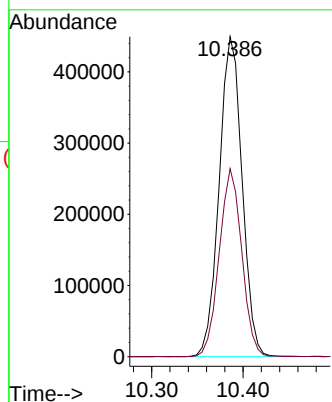
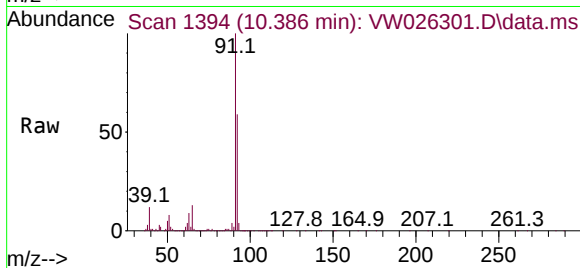
YBW52MSD

Tgt Ion: 91 Resp: 783680

Ion Ratio Lower Upper

91 100

92 58.7 42.2 78.4



#44

trans-1,3-Dichloropropene

Concen: 23.441 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW026301.D

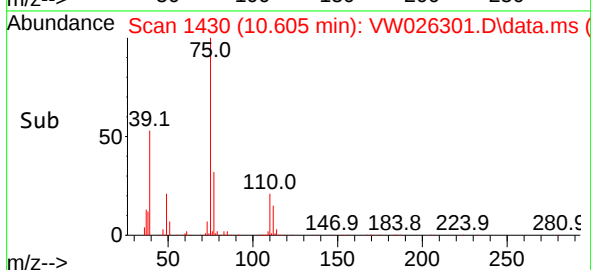
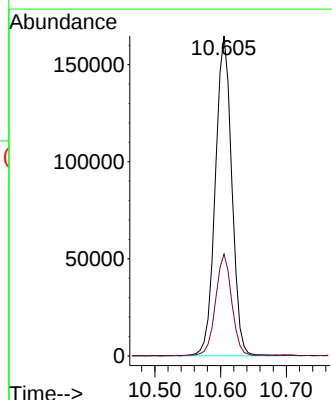
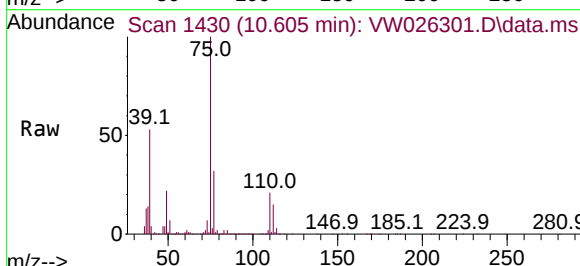
Acq: 22 Jun 2023 15:50

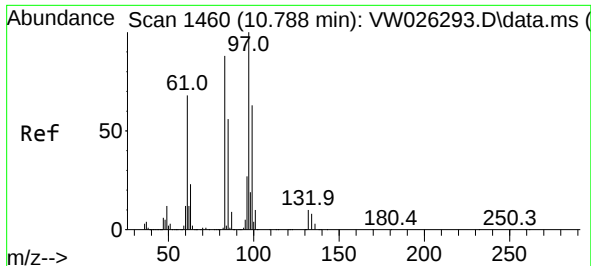
Tgt Ion: 75 Resp: 286835

Ion Ratio Lower Upper

75 100

77 31.9 21.1 39.3



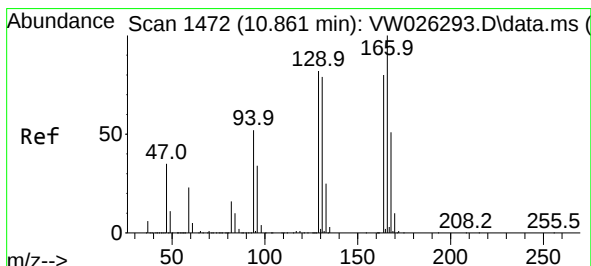
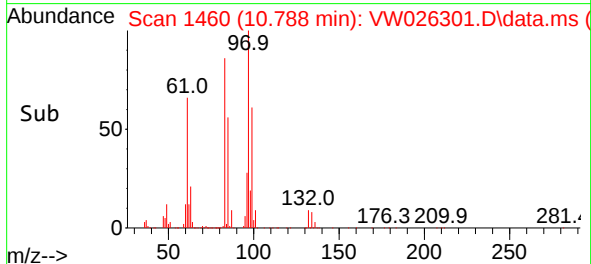
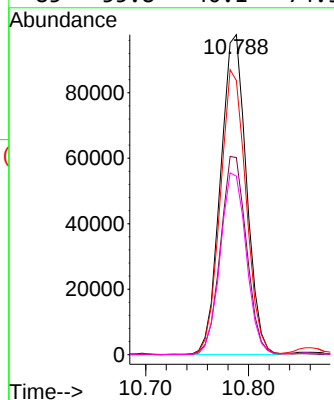
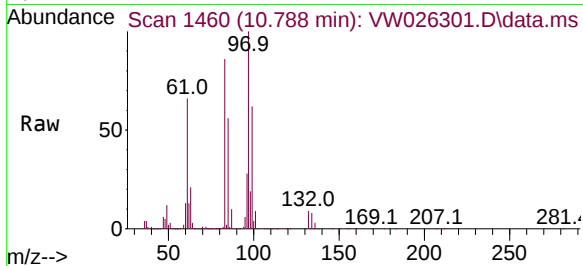


#45
1,1,2-Trichloroethane
Concen: 26.019 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

Instrument :
MSVOA_W
ClientSampleId :
YBW52MSD

Tgt Ion: 97 Resp: 171395

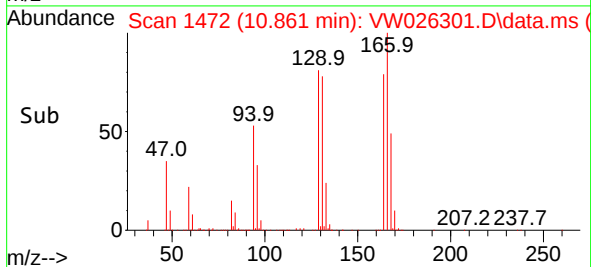
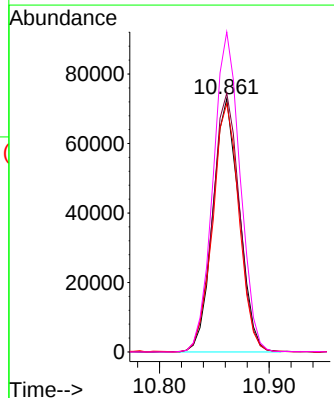
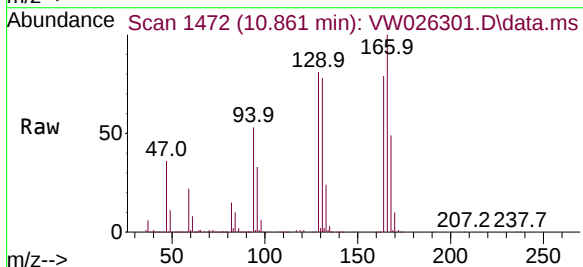
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.3	80.5
83	85.7	62.9	116.9
85	55.8	40.1	74.5

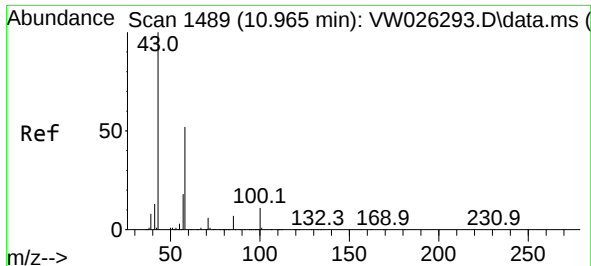


#46
Tetrachloroethene
Concen: 18.337 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

Tgt Ion: 164 Resp: 122555

Ion	Ratio	Lower	Upper
164	100		
129	102.3	68.5	127.1
131	98.1	67.1	124.7
166	126.4	94.1	174.8

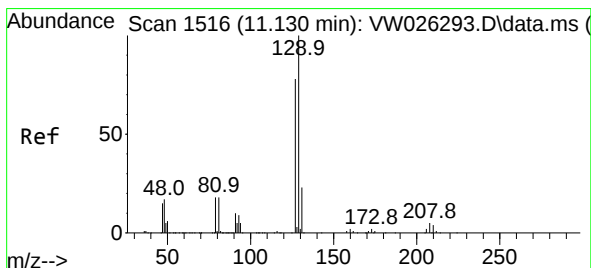
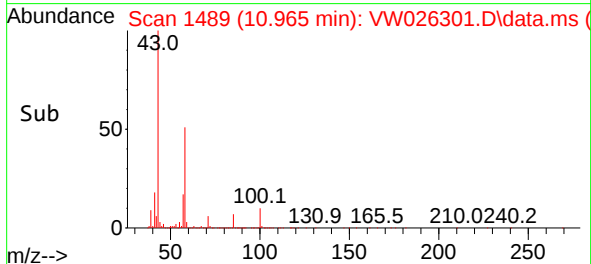
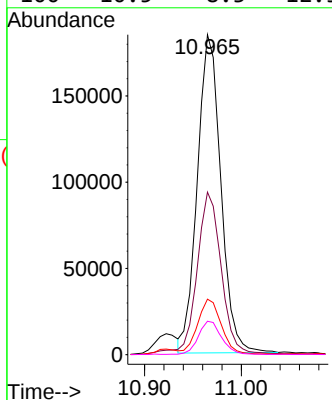
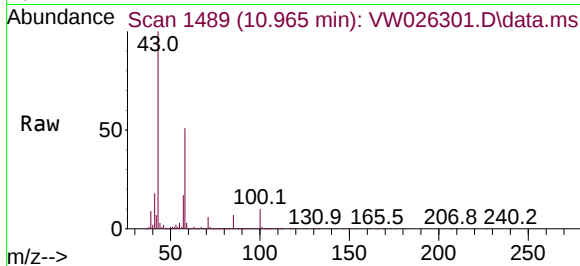




#48
2-Hexanone
Concen: 75.214 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

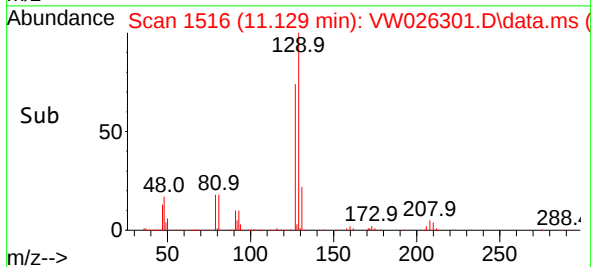
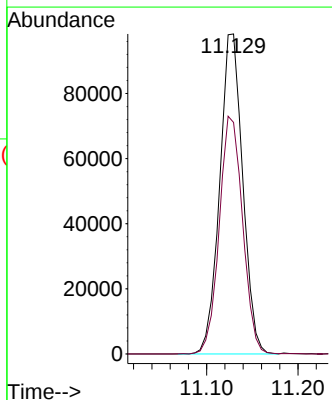
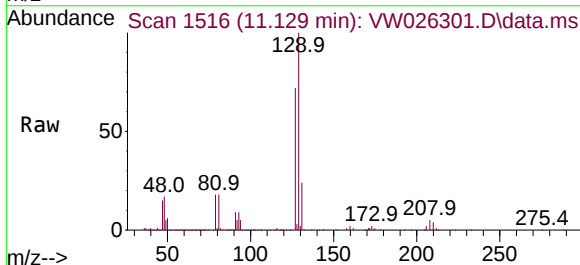
Instrument :
MSVOA_W
ClientSampleId :
YBW52MSD

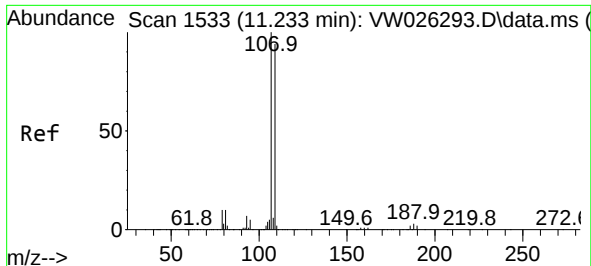
Tgt Ion:	43	Resp:	312508
Ion	Ratio	Lower	Upper
43	100		
58	53.2	42.2	63.2
57	17.8	14.2	21.2
100	10.5	8.3	12.5



#49
Dibromochloromethane
Concen: 24.945 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

Tgt Ion:	129	Resp:	172281
Ion	Ratio	Lower	Upper
129	100		
127	72.3	56.9	105.7





#50

1,2-Dibromoethane

Concen: 25.737 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026301.D

Acq: 22 Jun 2023 15:50

Instrument :

MSVOA_W

ClientSampleId :

YBW52MSD

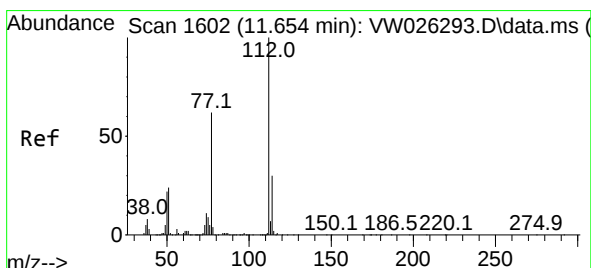
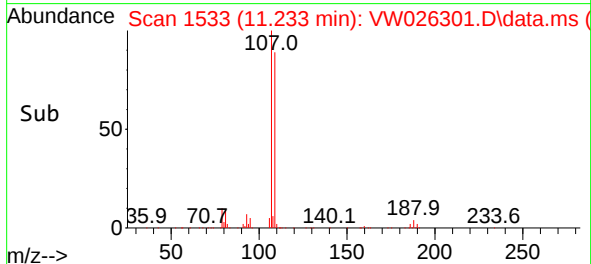
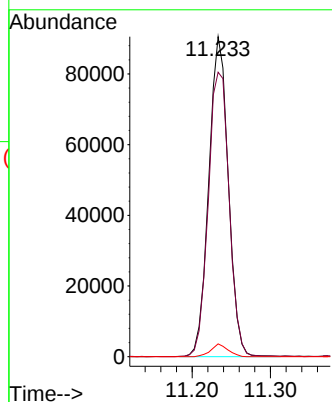
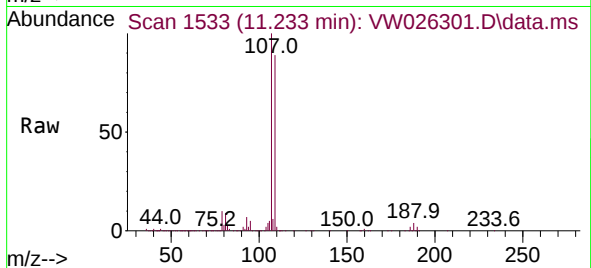
Tgt Ion:107 Resp: 156976

Ion Ratio Lower Upper

107 100

109 88.9 64.0 119.0

188 4.0 2.6 3.8#



#51

Chlorobenzene

Concen: 20.073 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026301.D

Acq: 22 Jun 2023 15:50

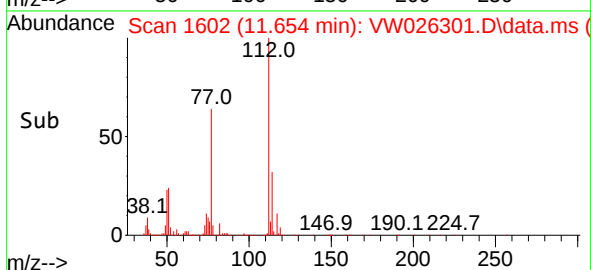
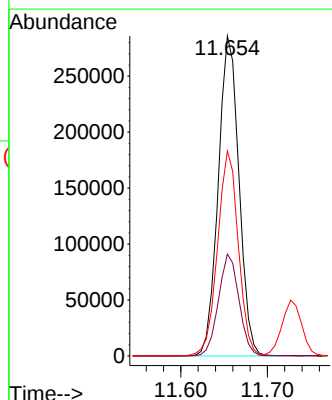
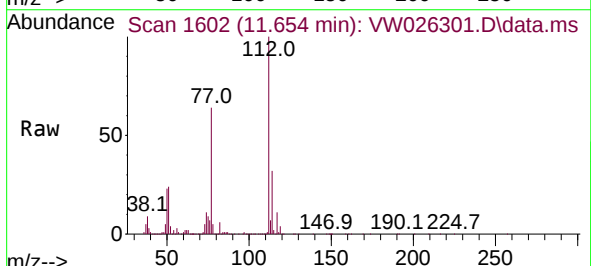
Tgt Ion:112 Resp: 474745

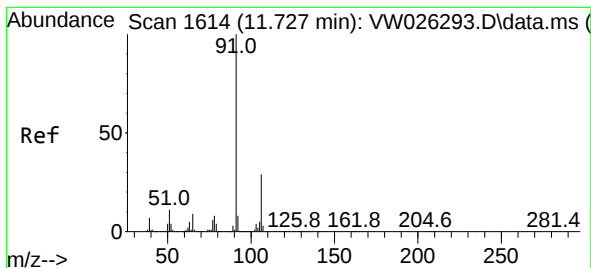
Ion Ratio Lower Upper

112 100

114 31.8 23.0 42.6

77 64.0 50.9 76.3

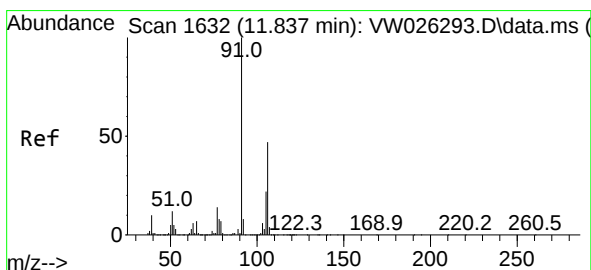
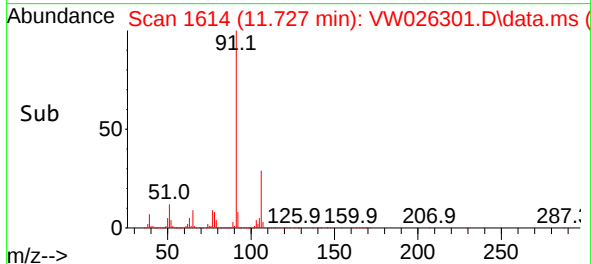
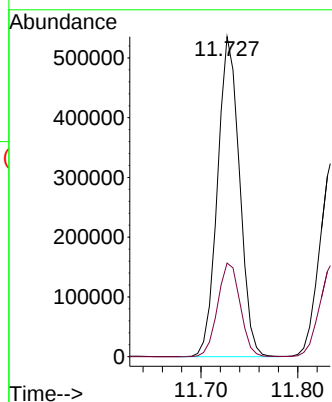
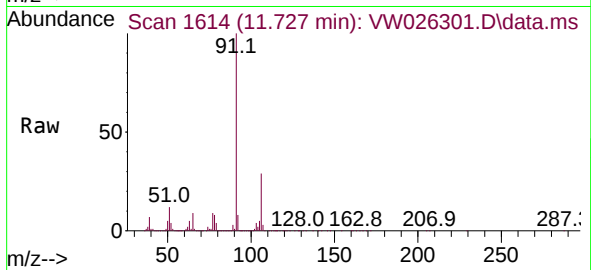




#52
Ethylbenzene
Concen: 19.844 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

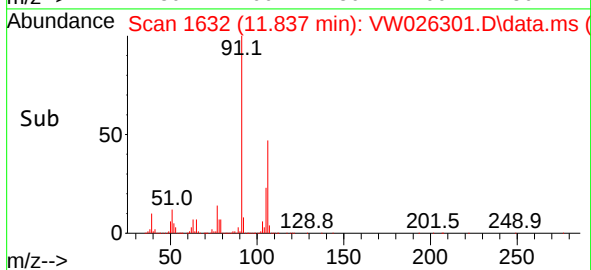
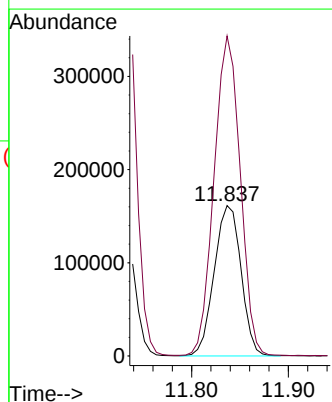
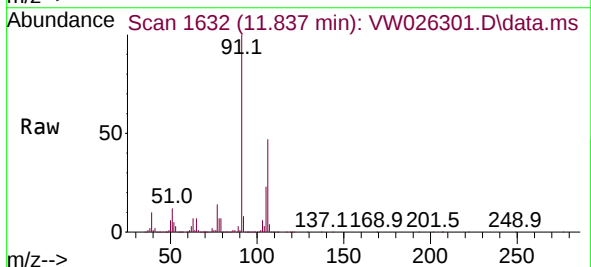
Instrument :
MSVOA_W
ClientSampleId :
YBW52MSD

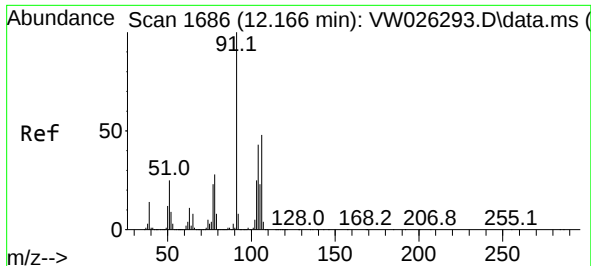
Tgt Ion: 91 Resp: 844892
Ion Ratio Lower Upper
91 100
106 29.3 21.2 39.4



#53
m,p-Xylene
Concen: 19.616 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

Tgt Ion: 106 Resp: 310704
Ion Ratio Lower Upper
106 100
91 212.9 149.5 277.7

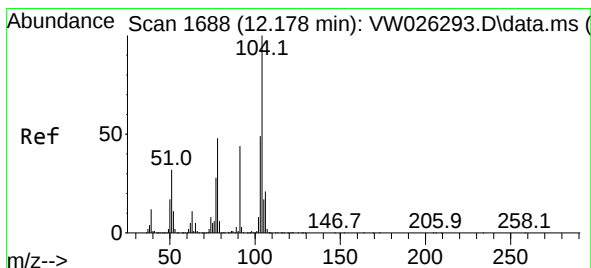
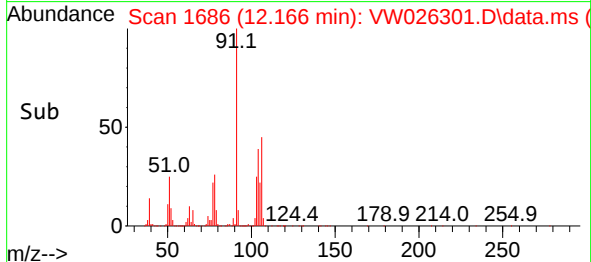
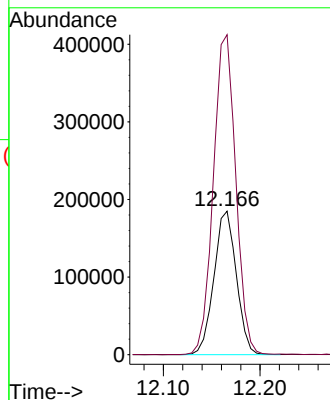
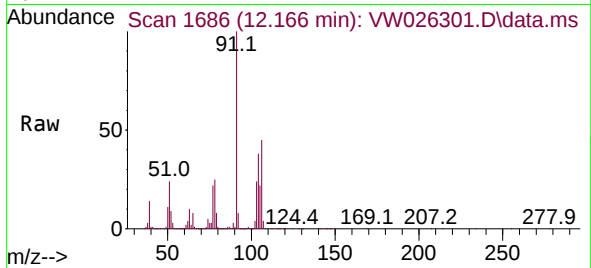




#54
o-Xylene
Concen: 19.874 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

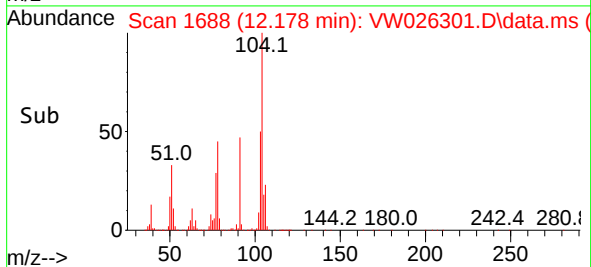
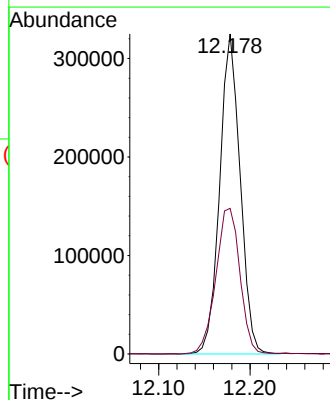
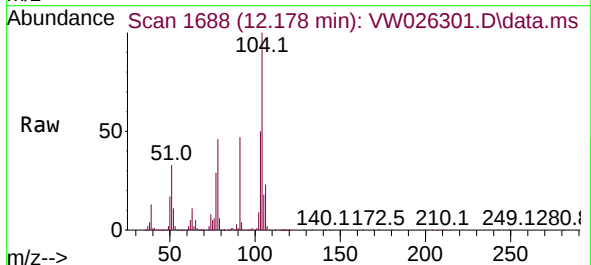
Instrument :
MSVOA_W
ClientSampleId :
YBW52MSD

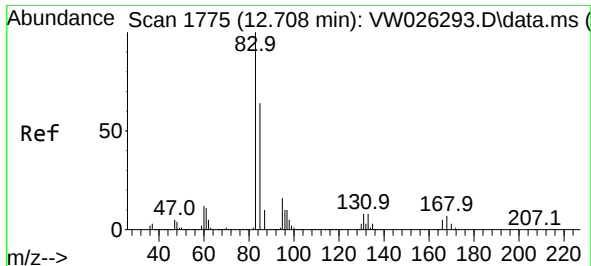
Tgt Ion:106 Resp: 297107
Ion Ratio Lower Upper
106 100
91 222.9 150.9 280.3



#55
Styrene
Concen: 19.735 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026301.D
Acq: 22 Jun 2023 15:50

Tgt Ion:104 Resp: 506162
Ion Ratio Lower Upper
104 100
78 45.5 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 29.426 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026301.D

Acq: 22 Jun 2023 15:50

Instrument :

MSVOA_W

ClientSampleId :

YBW52MSD

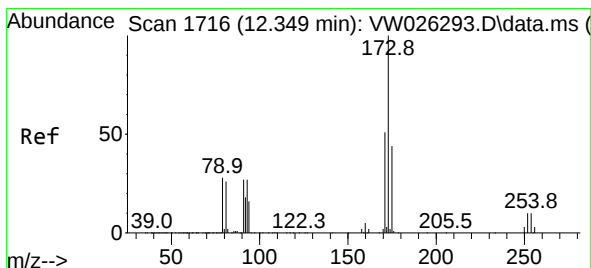
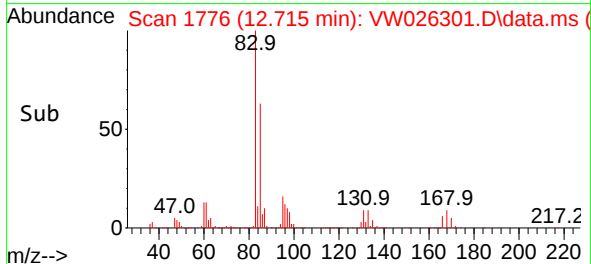
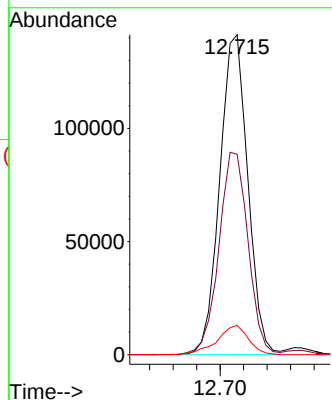
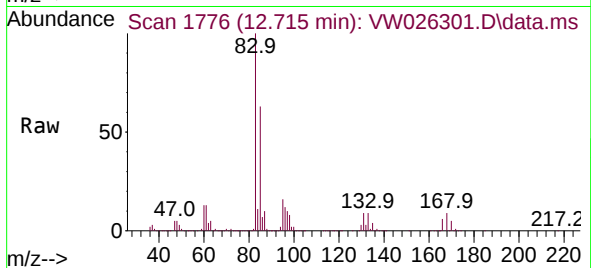
Tgt Ion: 83 Resp: 234586

Ion Ratio Lower Upper

83 100

85 62.6 42.6 79.0

131 9.2 7.2 10.8



#59

Bromoform

Concen: 28.020 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026301.D

Acq: 22 Jun 2023 15:50

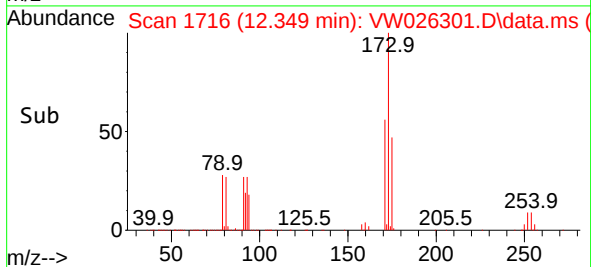
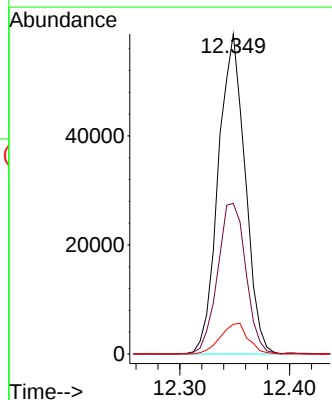
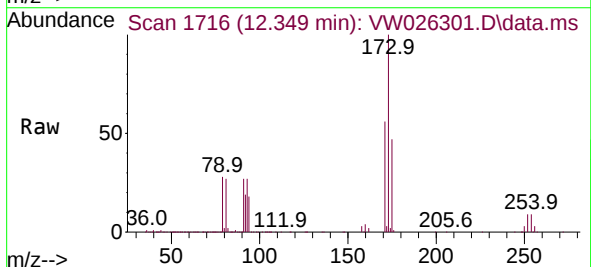
Tgt Ion:173 Resp: 99572

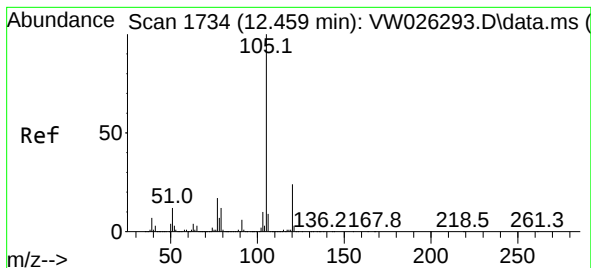
Ion Ratio Lower Upper

173 100

175 49.7 38.6 57.8

254 9.9 7.4 11.0





#60

Isopropylbenzene

Concen: 21.414 ug/L

RT: 12.459 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW026301.D

Acq: 22 Jun 2023 15:50

Instrument :

MSVOA_W

ClientSampleId :

YBW52MSD

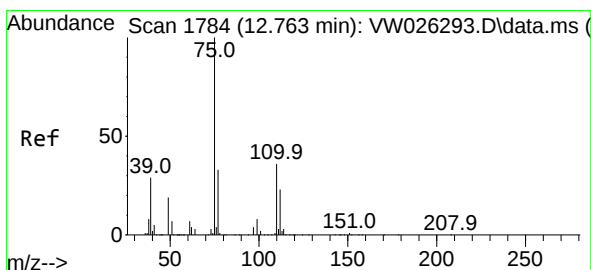
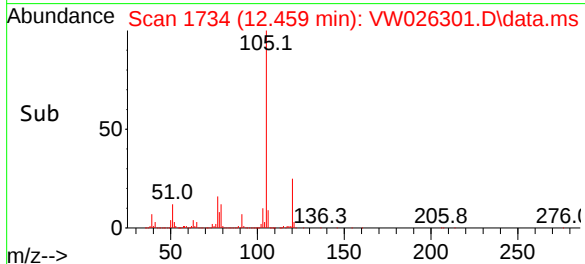
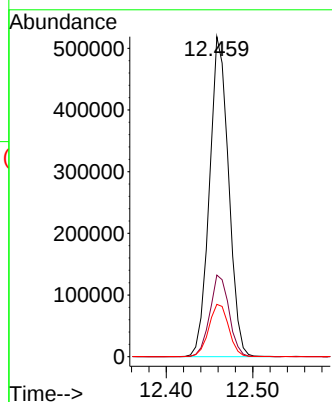
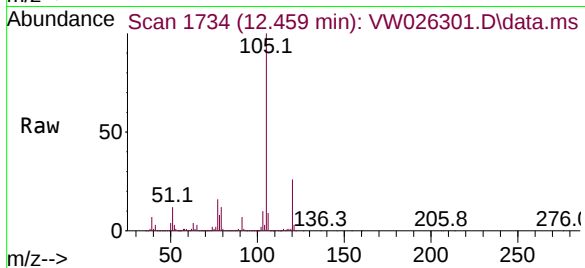
Tgt Ion:105 Resp: 795918

Ion Ratio Lower Upper

105 100

120 25.6 19.8 29.8

77 17.0 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 33.141 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW026301.D

Acq: 22 Jun 2023 15:50

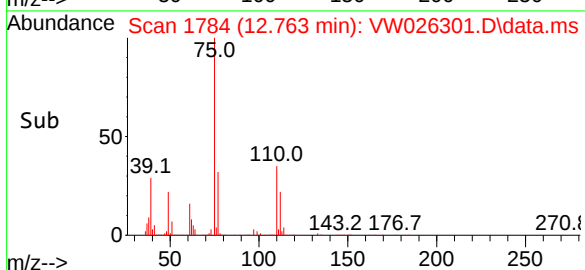
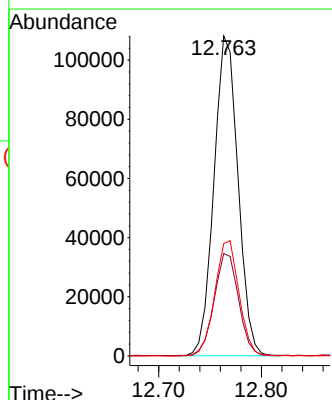
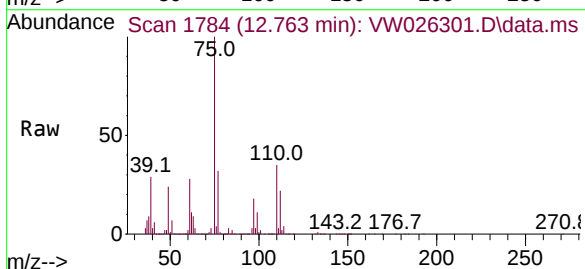
Tgt Ion: 75 Resp: 175637

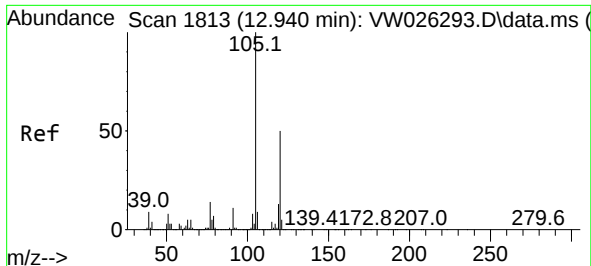
Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8

110 36.3 28.7 43.1





#62

1,3,5-Trimethylbenzene

Concen: 20.961 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026301.D

Acq: 22 Jun 2023 15:50

Instrument :

MSVOA_W

ClientSampleId :

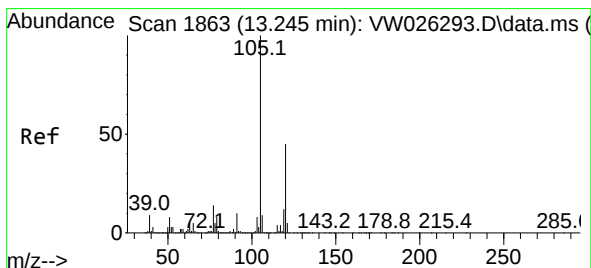
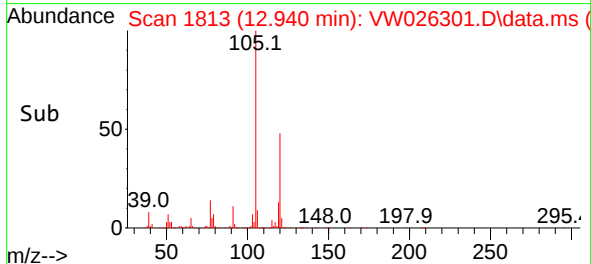
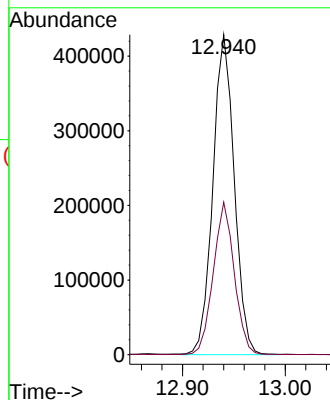
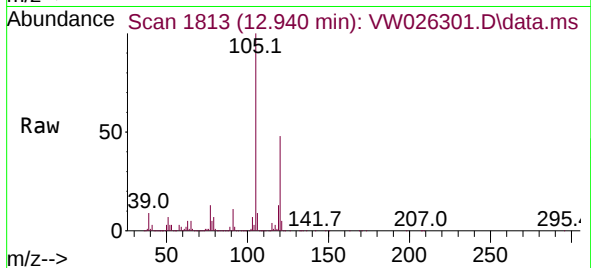
YBW52MSD

Tgt Ion:105 Resp: 619333

Ion Ratio Lower Upper

105 100

120 46.8 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 20.789 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW026301.D

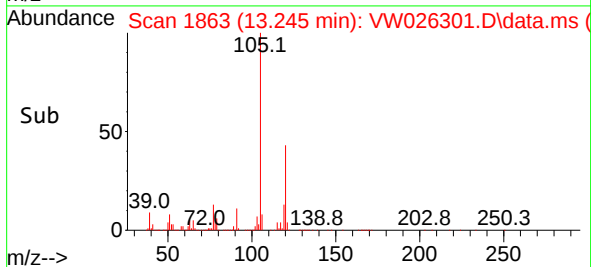
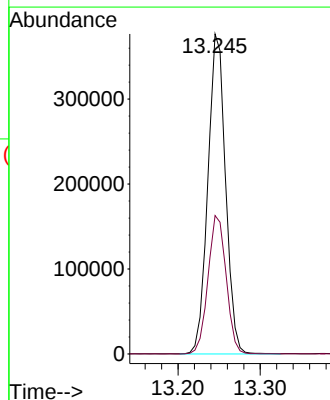
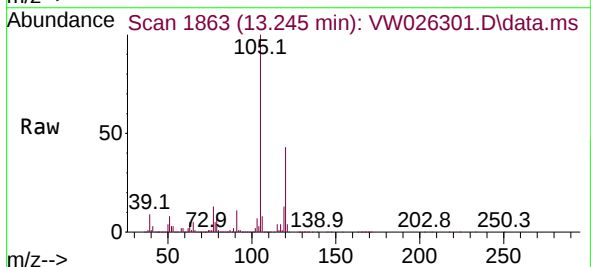
Acq: 22 Jun 2023 15:50

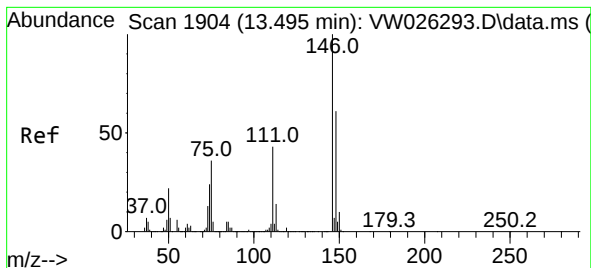
Tgt Ion:105 Resp: 562593

Ion Ratio Lower Upper

105 100

120 44.5 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 18.593 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW026301.D

Acq: 22 Jun 2023 15:50

Instrument :

MSVOA_W

ClientSampleId :

YBW52MSD

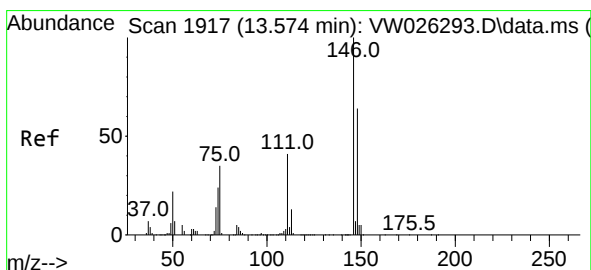
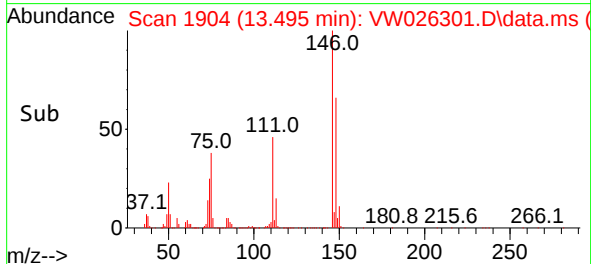
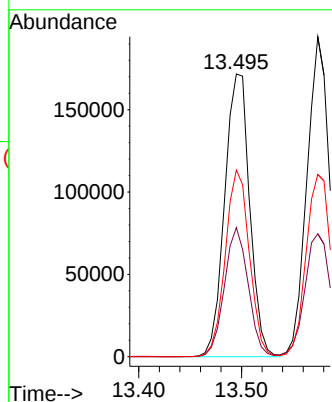
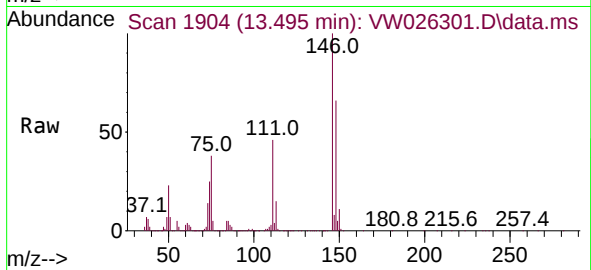
Tgt Ion:146 Resp: 290569

Ion Ratio Lower Upper

146 100

111 45.7 29.7 55.1

148 66.1 45.4 84.4



#65

1,4-Dichlorobenzene

Concen: 19.178 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW026301.D

Acq: 22 Jun 2023 15:50

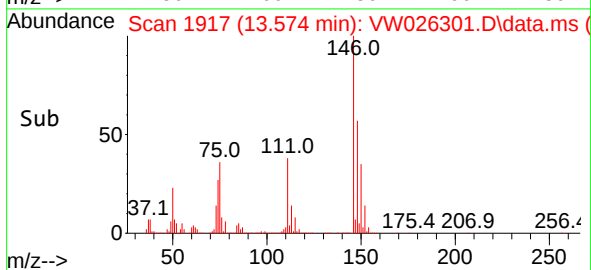
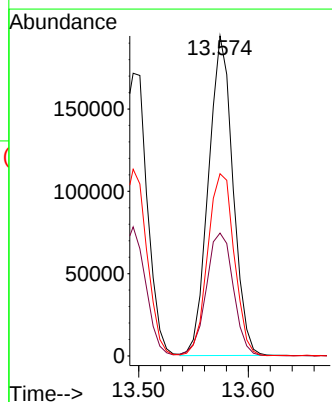
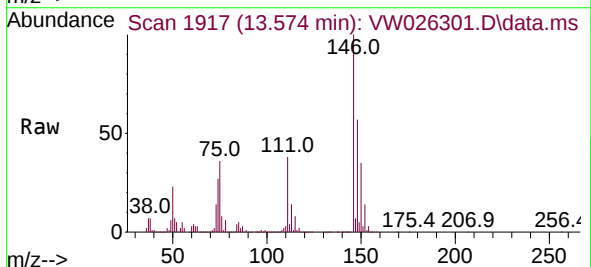
Tgt Ion:146 Resp: 301746

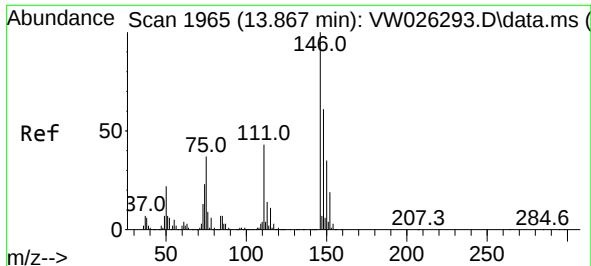
Ion Ratio Lower Upper

146 100

111 38.4 29.2 54.2

148 57.0 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 19.827 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026301.D

Acq: 22 Jun 2023 15:50

Instrument :

MSVOA_W

ClientSampleId :

YBW52MSD

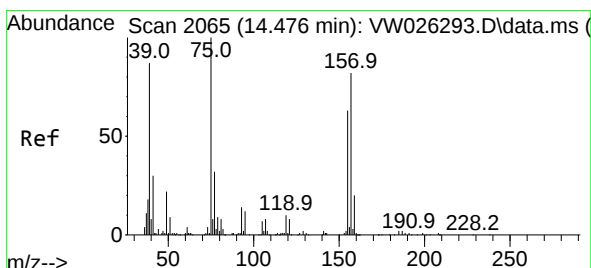
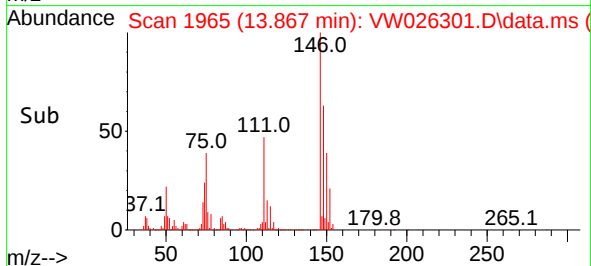
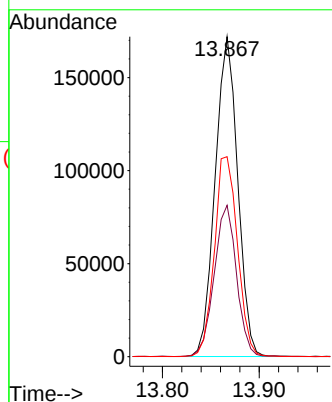
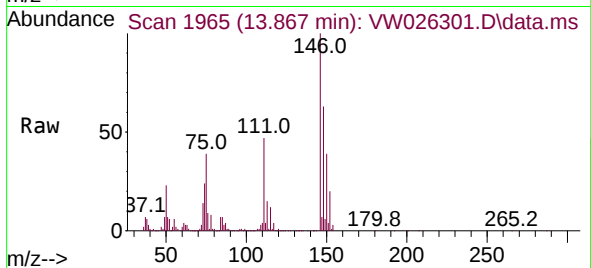
Tgt Ion:146 Resp: 278240

Ion Ratio Lower Upper

146 100

111 47.3 35.4 53.0

148 62.5 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 32.055 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW026301.D

Acq: 22 Jun 2023 15:50

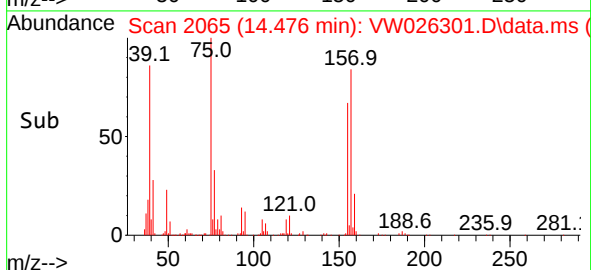
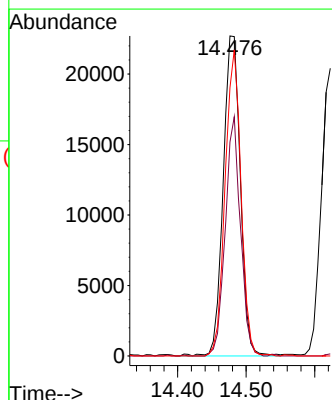
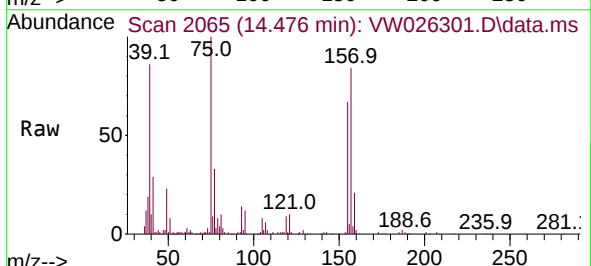
Tgt Ion: 75 Resp: 39359

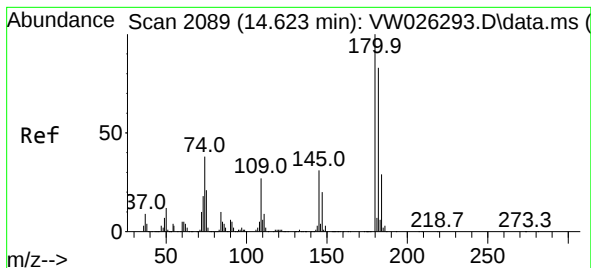
Ion Ratio Lower Upper

75 100

155 66.9 59.0 88.6

157 83.8 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 14.575 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026301.D

Acq: 22 Jun 2023 15:50

Instrument :

MSVOA_W

ClientSampleId :

YBW52MSD

Tgt Ion:180 Resp: 156460

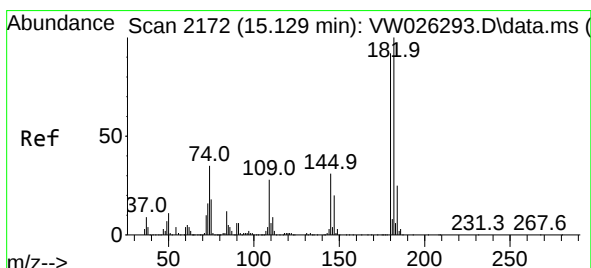
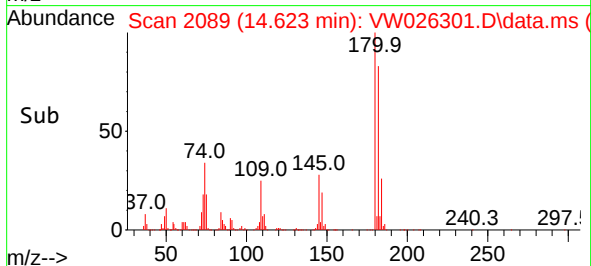
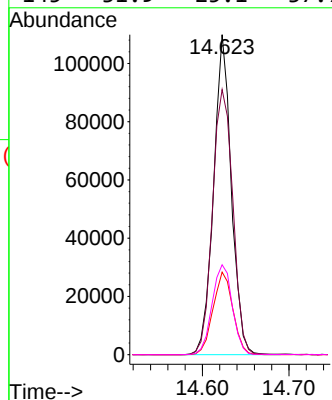
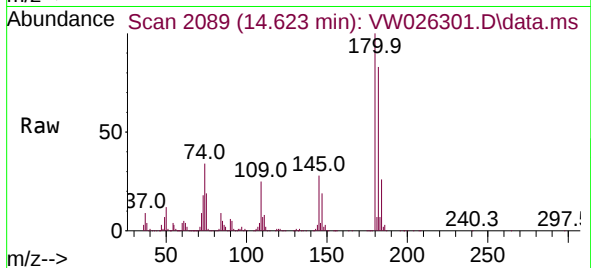
Ion Ratio Lower Upper

180 100

182 94.6 77.0 115.4

184 28.7 23.7 35.5

145 31.9 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 12.738 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026301.D

Acq: 22 Jun 2023 15:50

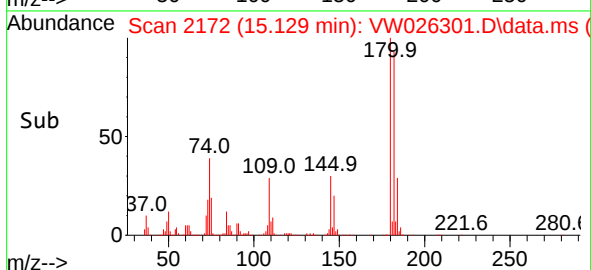
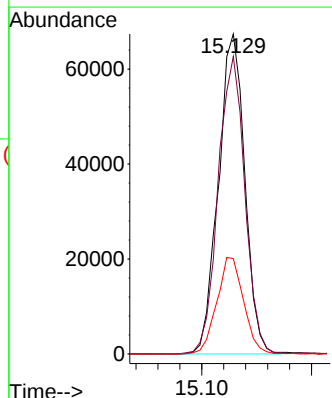
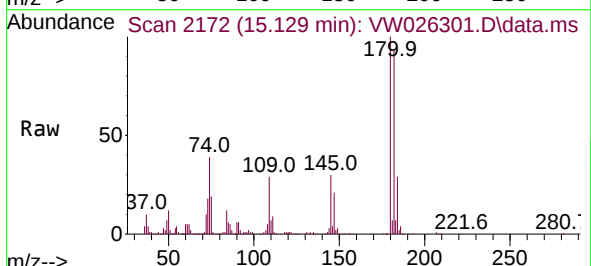
Tgt Ion:180 Resp: 112837

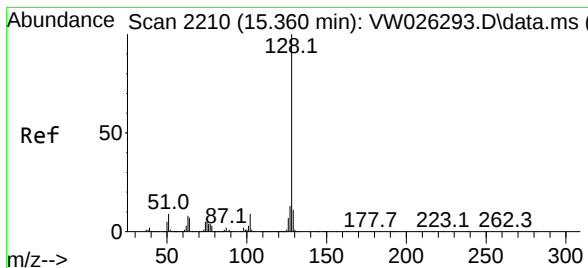
Ion Ratio Lower Upper

180 100

182 93.9 78.9 118.3

145 30.6 27.2 40.8





#71

Naphthalene

Concen: 19.360 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026301.D

Acq: 22 Jun 2023 15:50

Instrument :

MSVOA_W

ClientSampleId :

YBW52MSD

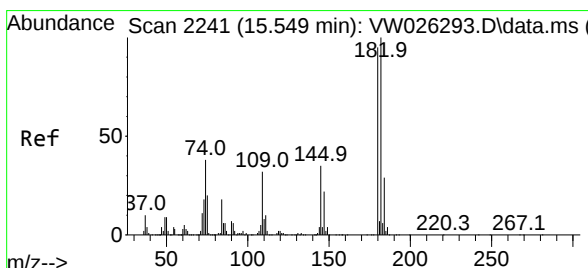
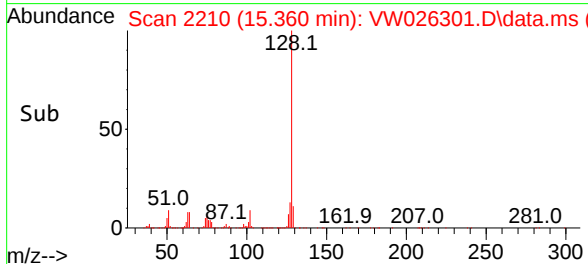
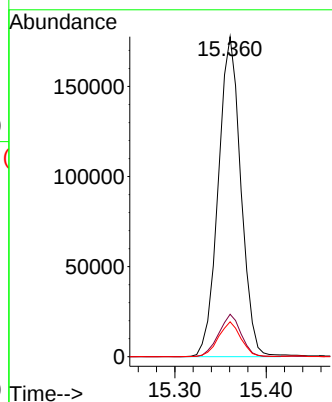
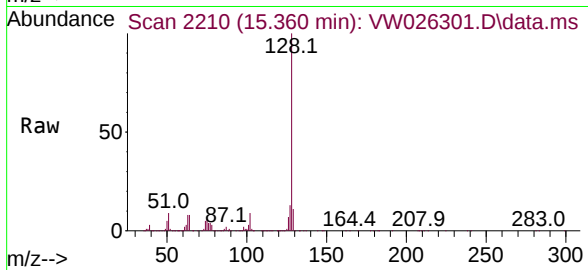
Tgt Ion:128 Resp: 305651

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 14.439 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW026301.D

Acq: 22 Jun 2023 15:50

Tgt Ion:180 Resp: 111778

Ion Ratio Lower Upper

180 100

182 91.4 76.3 114.5

145 33.6 27.0 40.6

