

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062323\
 Data File : VW026315.D
 Acq On : 23 Jun 2023 11:59
 Operator : SY/MD
 Sample : 03382-06MS
 Misc : 4.36g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW43MS

Quant Time: Jun 23 23:08:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 23 23:07:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	730844	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	624879	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	260056	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	169167	16.454	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.800%
7) Chloroethane-d5	2.893	69	165136	21.456	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.840%
11) 1,1-Dichloroethene-d2	4.021	65	87784	17.316	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.280%
21) 2-Butanone-d5	7.075	46	193813	64.749	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.500%
24) Chloroform-d	7.648	84	474311	22.162	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.640%
26) 1,2-Dichloroethane-d4	8.307	65	264300	22.584	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.320%
32) Benzene-d6	8.270	84	865770	20.590	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.360%
36) 1,2-Dichloropropane-d6	9.276	67	303733	22.801	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.200%
41) Toluene-d8	10.325	98	706273	18.941	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.760%
43) trans-1,3-Dichloroprop...	10.575	79	100976	19.129	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.520%
47) 2-Hexanone-d5	10.922	63	128307	61.086	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.180%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	248278	25.613	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.440%
66) 1,2-Dichlorobenzene-d4	13.849	152	202013	20.295	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	130934	14.614	ug/L	90
3) Chloromethane	2.223	50	210553	18.328	ug/L	97
5) Vinyl chloride	2.375	62	231333	18.839	ug/L	98
6) Bromomethane	2.790	94	126990	18.970	ug/L	98
8) Chloroethane	2.930	64	144361	21.755	ug/L	99
9) Trichlorofluoromethane	3.265	101	171099	21.658	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	185996	18.659	ug/L	98
12) 1,1-Dichloroethene	4.045	96	188306	20.237	ug/L	82
13) Acetone	4.119	43	145853	62.973	ug/L	99
14) Carbon disulfide	4.393	76	476963	14.520	ug/L	99
15) Methyl Acetate	4.673	43	112870	21.713	ug/L	99
16) Methylene chloride	4.917	84	237261	20.340	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	180384	17.278	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	315964	19.202	ug/L	98
19) 1,1-Dichloroethane	6.216	63	412679	19.416	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	210374	19.023	ug/L	97
22) 2-Butanone	7.167	43	174497	52.815	ug/L	97
23) Bromochloromethane	7.520	128	89947	19.072	ug/L	91
25) Chloroform	7.679	83	388210	19.610	ug/L	99

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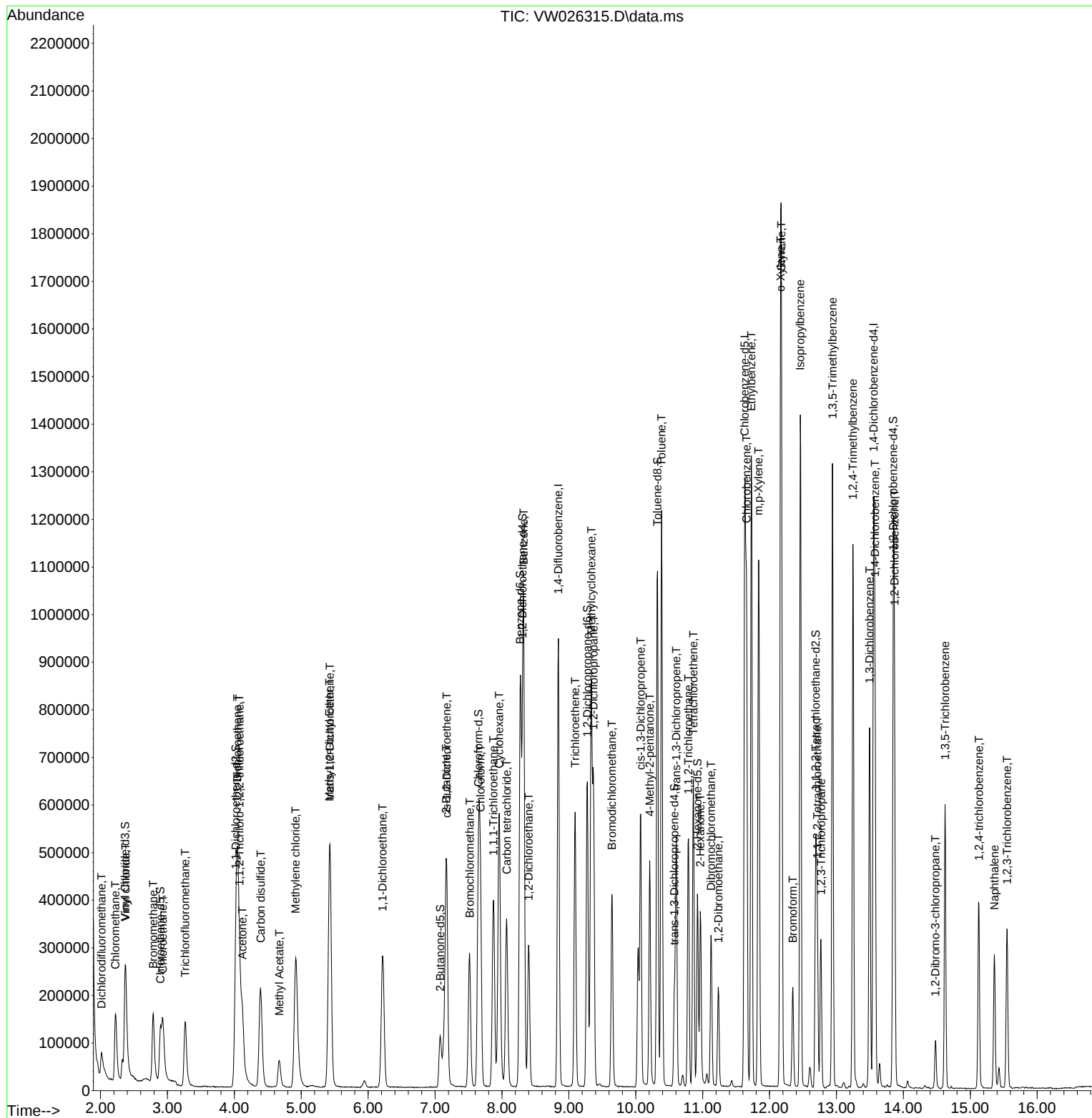
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	271144	19.859	ug/L	98
29) Cyclohexane	7.959	56	327084	16.954	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	314144	20.716	ug/L	99
31) Carbon tetrachloride	8.069	117	266486	19.258	ug/L	99
33) Benzene	8.325	78	833917	19.481	ug/L	100
34) Trichloroethene	9.093	95	198496	18.109	ug/L	98
35) Methylcyclohexane	9.337	83	311795	16.076	ug/L	99
37) 1,2-Dichloropropane	9.368	63	239664	20.671	ug/L	100
38) Bromodichloromethane	9.642	83	269362	19.997	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	329944	19.365	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	325113	47.562	ug/L	99
42) Toluene	10.386	91	842335	19.239	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	275838	19.433	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	159217	20.836	ug/L	99
46) Tetrachloroethene	10.861	164	134112	17.298	ug/L	96
48) 2-Hexanone	10.965	43	241092	50.022	ug/L	99
49) Dibromochloromethane	11.123	129	155624	19.425	ug/L	97
50) 1,2-Dibromoethane	11.233	107	140777	19.897	ug/L	98
51) Chlorobenzene	11.654	112	497913	18.148	ug/L	99
52) Ethylbenzene	11.727	91	907791	18.380	ug/L	98
53) m,p-Xylene	11.837	106	339055	18.453	ug/L	96
54) o-Xylene	12.166	106	319655	18.433	ug/L	95
55) Styrene	12.178	104	535779	18.009	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	186001	20.113	ug/L	96
59) Bromoform	12.349	173	87775	22.472	ug/L	100
60) Isopropylbenzene	12.459	105	873337	21.378	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	133075	22.845	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	652811	20.101	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	586374	19.713	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	297658	17.329	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	308008	17.811	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	277405	17.984	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	27861	20.644	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	169078	14.329	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	119327	12.256	ug/L	96
71) Naphthalene	15.360	128	229521	13.227	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	105008	12.341	ug/L	99

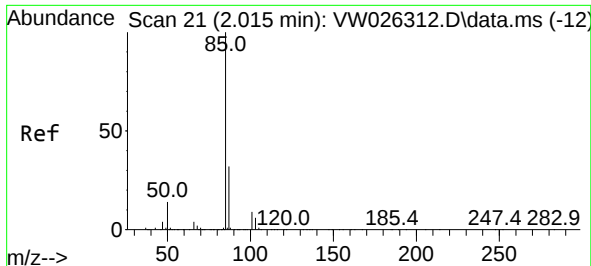
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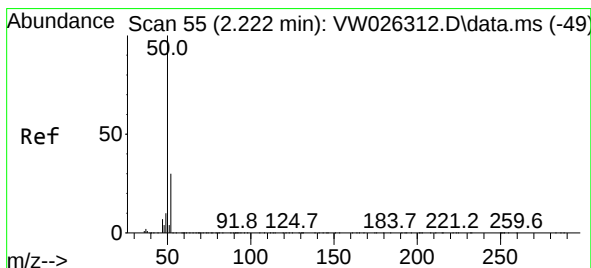
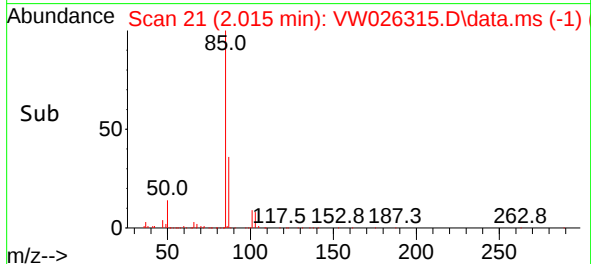
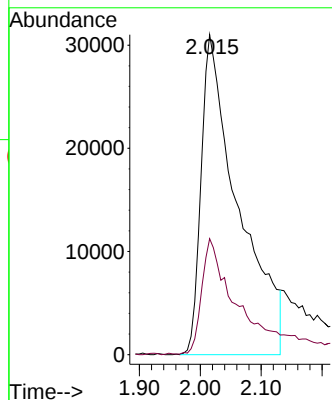
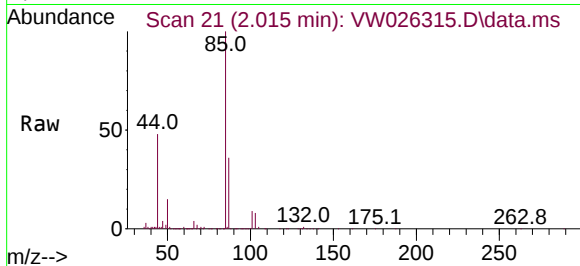




#2
Dichlorodifluoromethane
Concen: 14.614 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.001 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

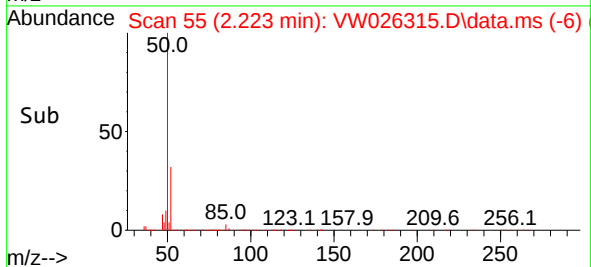
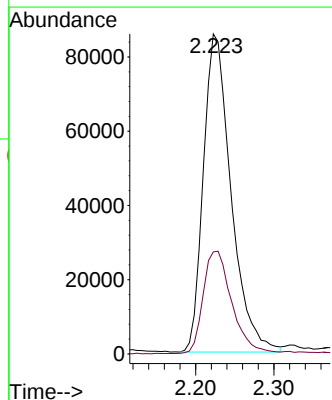
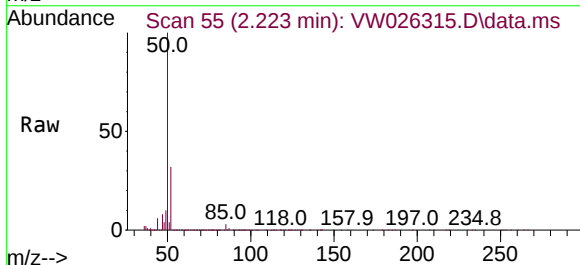
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MSVOA_W
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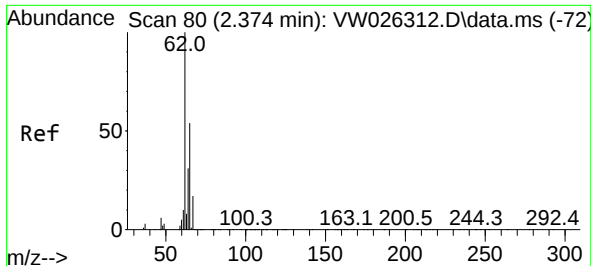
Tgt Ion: 85 Resp: 130934
Ion Ratio Lower Upper
85 100
87 33.0 22.2 33.2



#3
Chloromethane
Concen: 18.328 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.001 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

Tgt Ion: 50 Resp: 210553
Ion Ratio Lower Upper
50 100
52 31.9 21.3 39.6

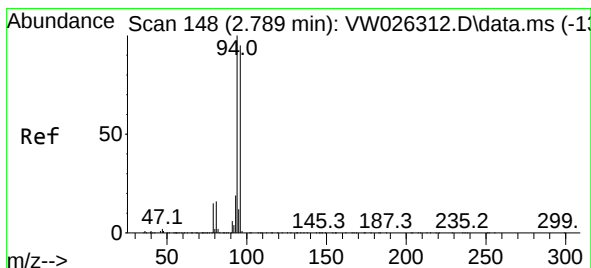
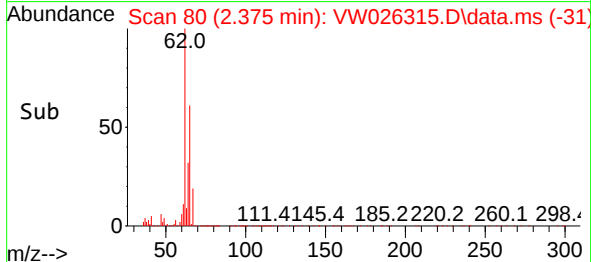
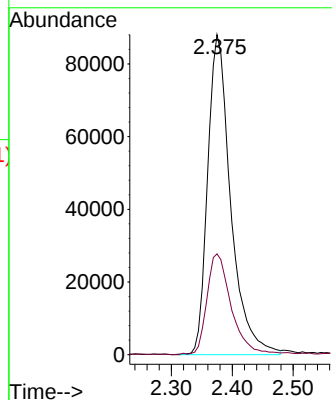
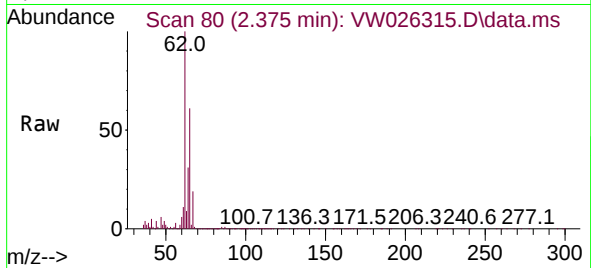




#5
 Vinyl chloride
 Concen: 18.839 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026315.D
 Acq: 23 Jun 2023 11:59

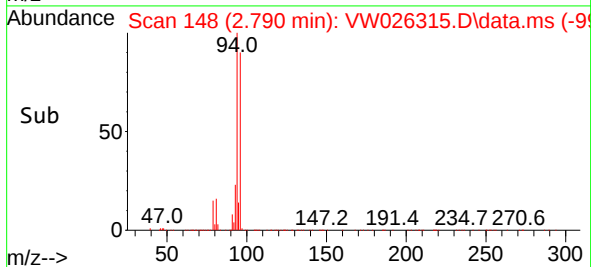
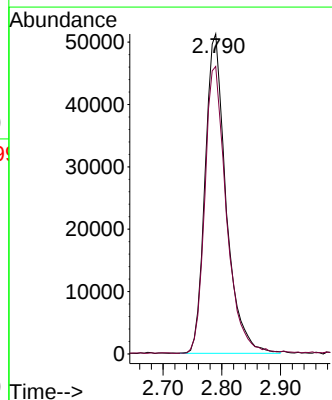
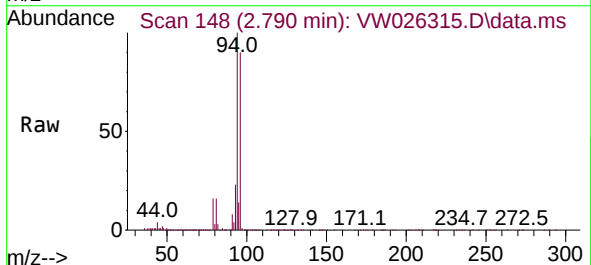
Instrument :
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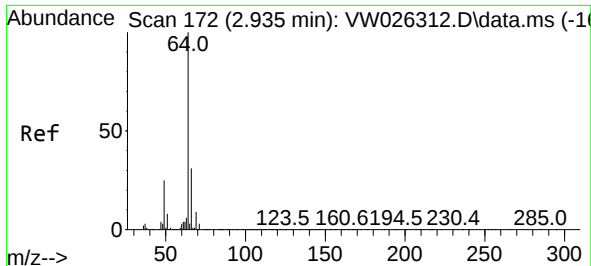
Tgt Ion: 62 Resp: 231333
 Ion Ratio Lower Upper
 62 100
 64 31.5 22.7 42.1



#6
 Bromomethane
 Concen: 18.970 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.001 min
 Lab File: VW026315.D
 Acq: 23 Jun 2023 11:59

Tgt Ion: 94 Resp: 126990
 Ion Ratio Lower Upper
 94 100
 96 89.8 64.2 119.2

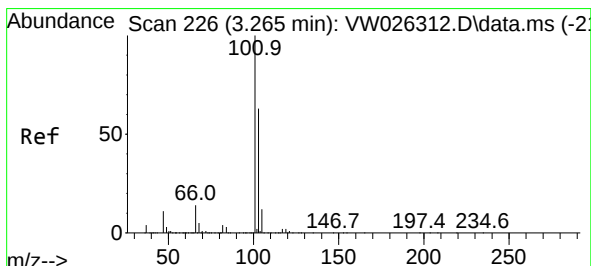
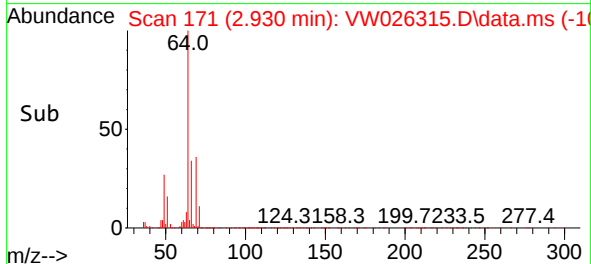
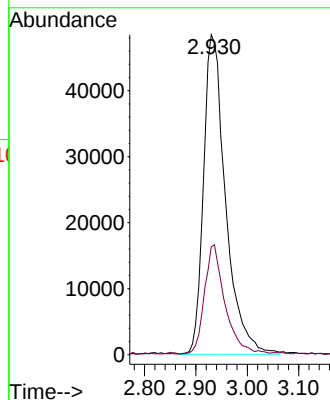
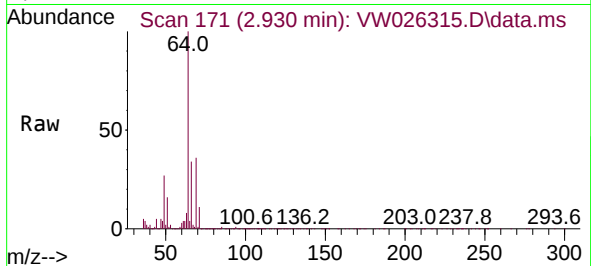




#8
Chloroethane
Concen: 21.755 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

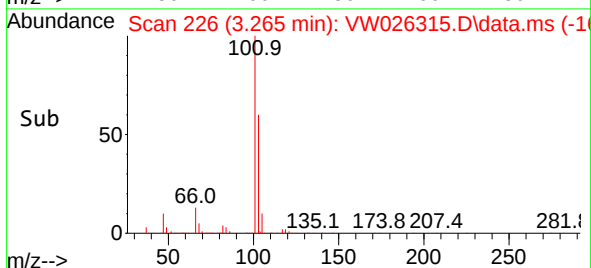
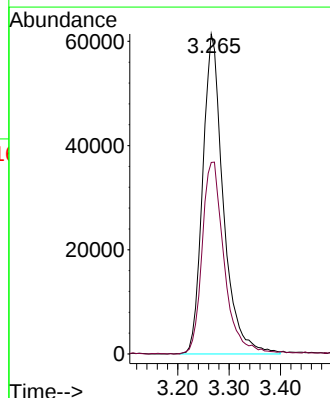
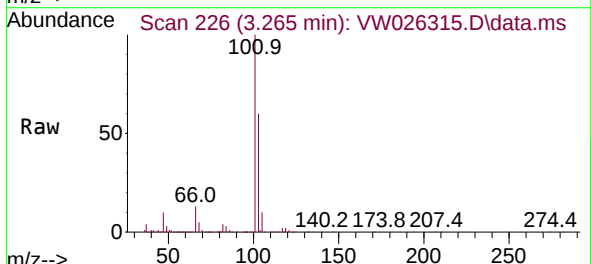
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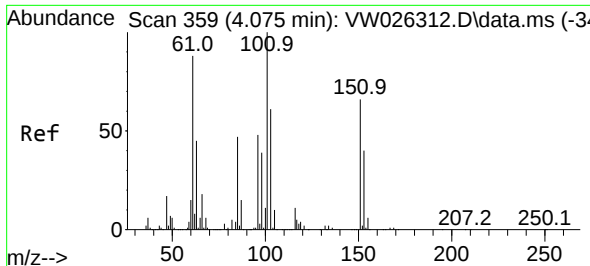
Tgt Ion: 64 Resp: 144361
Ion Ratio Lower Upper
64 100
66 33.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 21.658 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.001 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

Tgt Ion: 101 Resp: 171099
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4

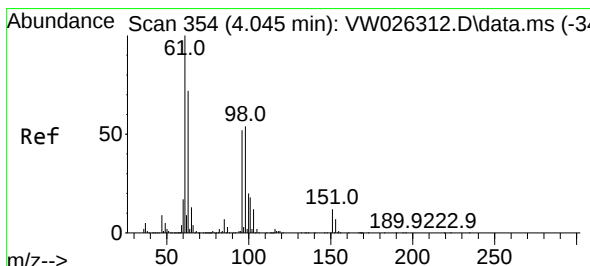
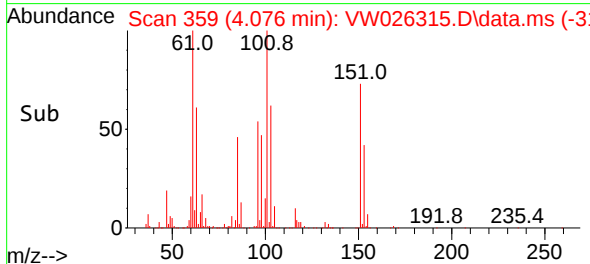
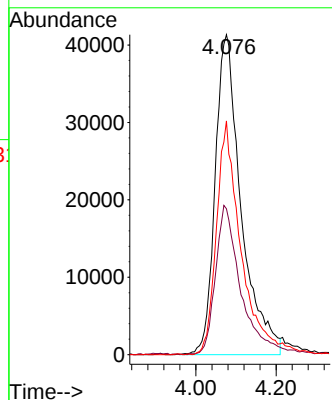
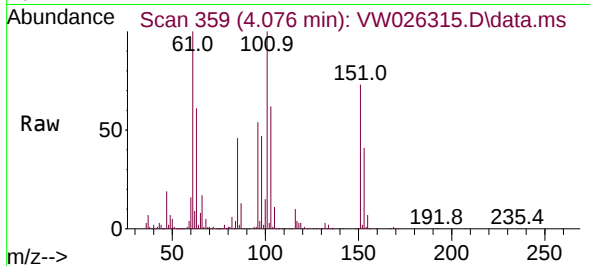




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.659 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW026315.D
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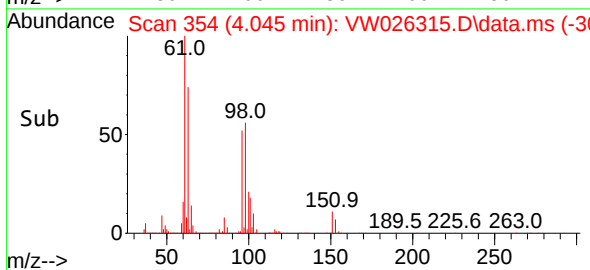
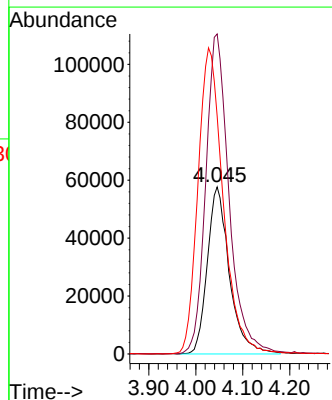
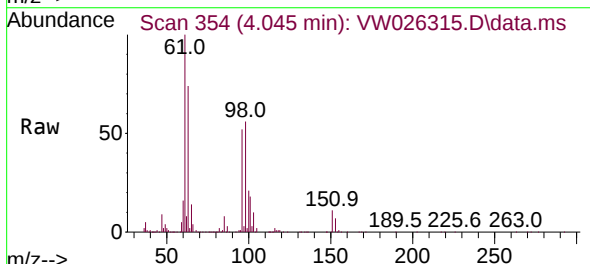
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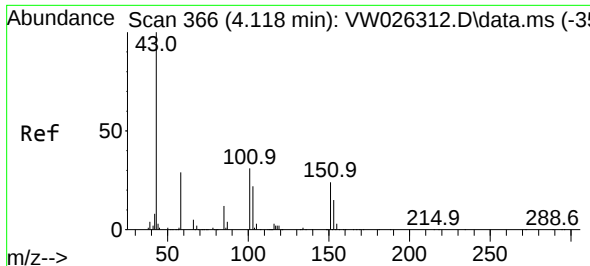
Tgt Ion:101 Resp: 185996
 Ion Ratio Lower Upper
 101 100
 85 44.3 36.1 54.1
 151 67.3 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 20.237 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.001 min
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Tgt Ion: 96 Resp: 188306
 Ion Ratio Lower Upper
 96 100
 61 191.5 140.6 261.0
 63 142.4 131.7 244.5

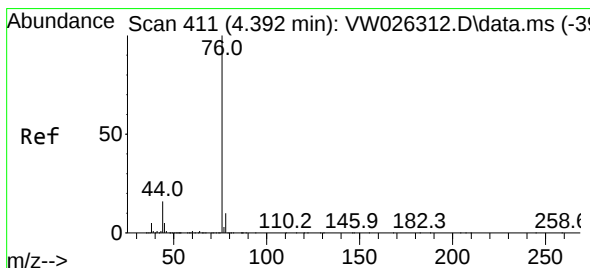
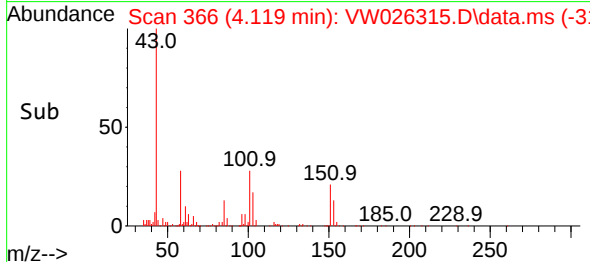
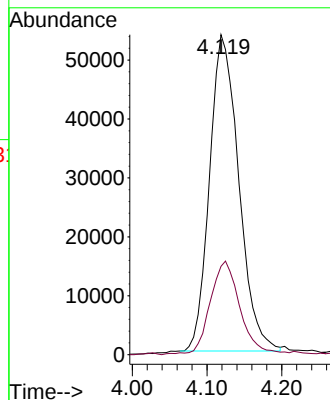
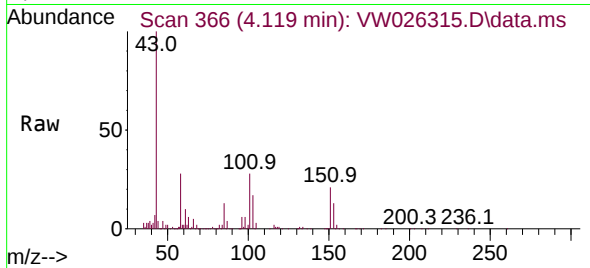




#13
Acetone
Concen: 62.973 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.001 min
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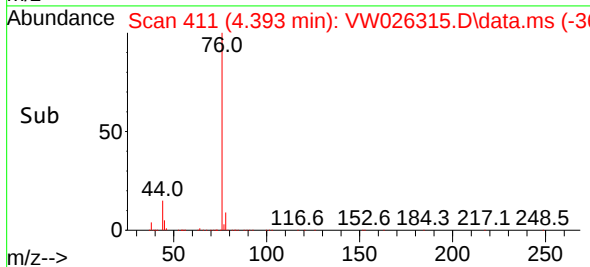
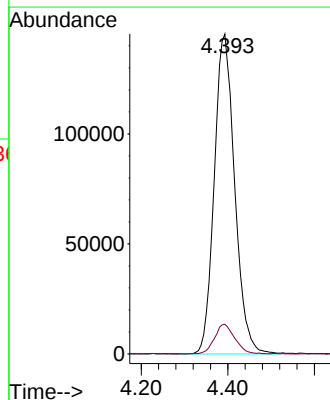
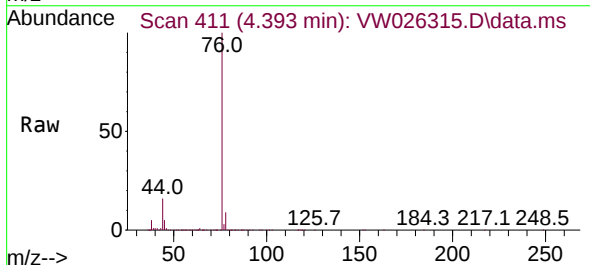
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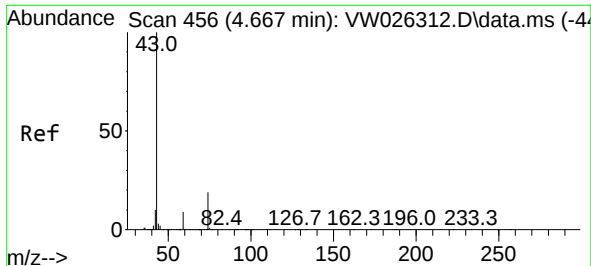
Tgt Ion: 43 Resp: 145853
Ion Ratio Lower Upper
43 100
58 29.5 0.0 58.2



#14
Carbon disulfide
Concen: 14.520 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 476963
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

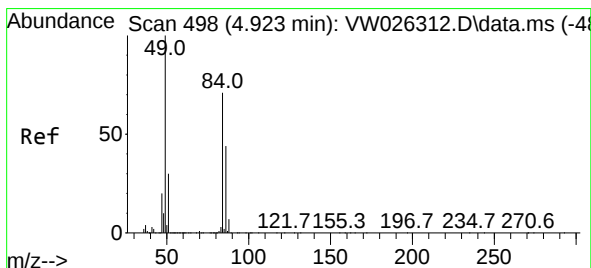
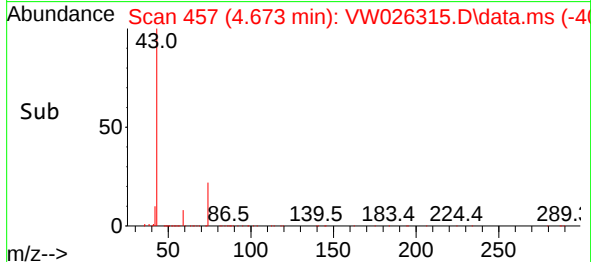
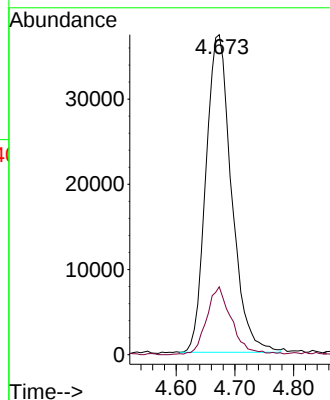
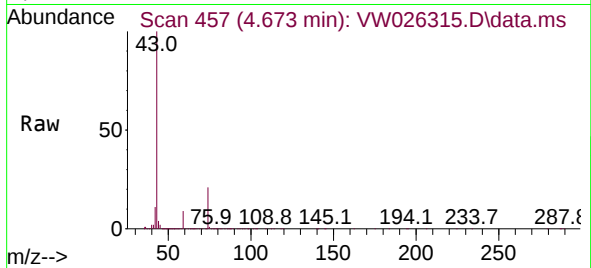




#15
Methyl Acetate
Concen: 21.713 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.007 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

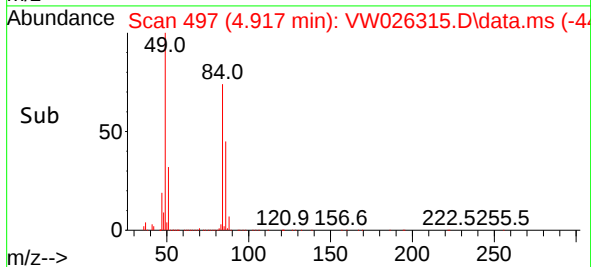
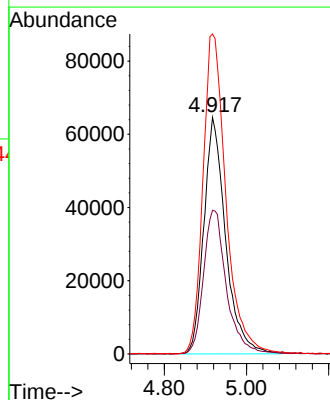
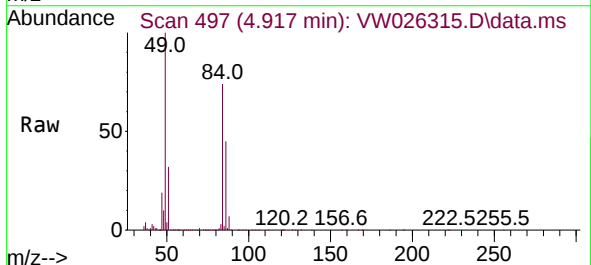
Instrument :
MSVOA_W
ClientSampleId :
YBW43MS

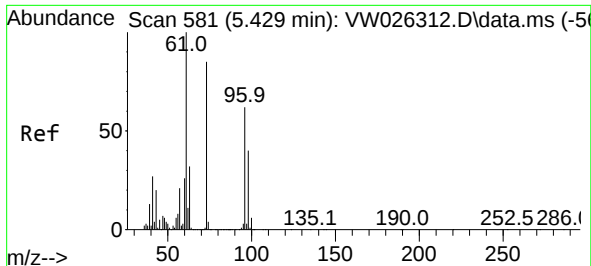
Tgt Ion: 43 Resp: 112870
Ion Ratio Lower Upper
43 100
74 20.2 16.6 25.0



#16
Methylene chloride
Concen: 20.340 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

Tgt Ion: 84 Resp: 237261
Ion Ratio Lower Upper
84 100
86 60.7 44.2 82.0
49 135.2 98.8 183.6

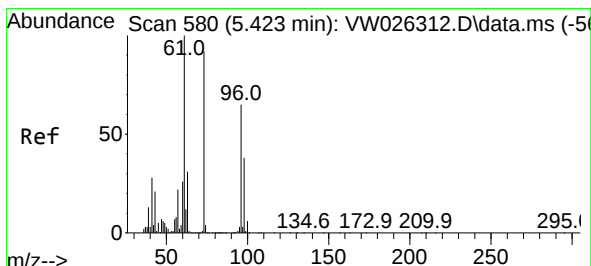
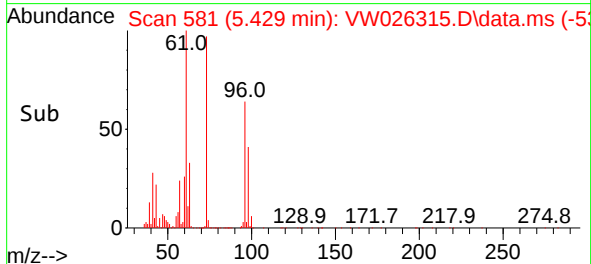
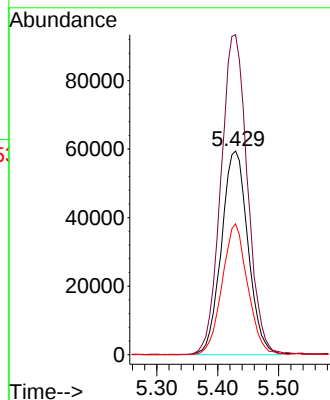
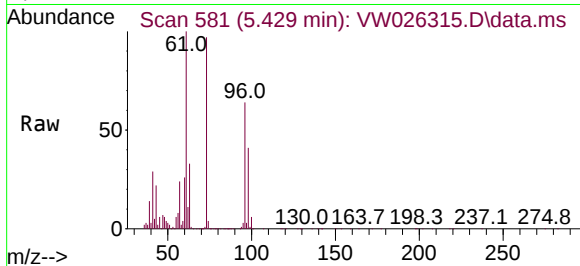




#17
trans-1,2-Dichloroethene
Concen: 17.278 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

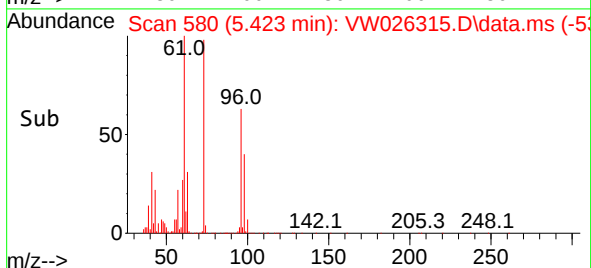
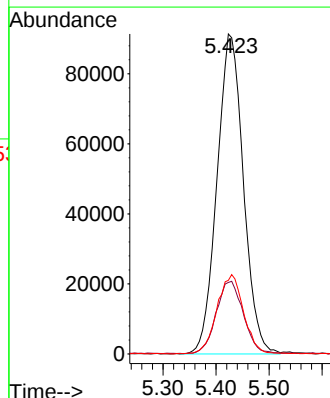
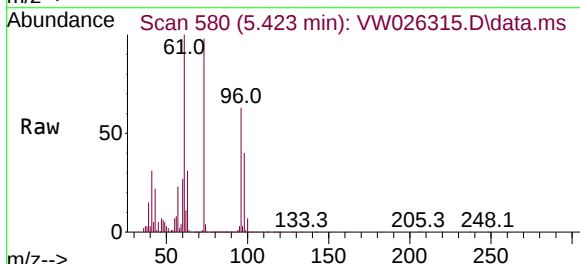
Instrument :
MSVOA_W
ClientSampleId :
YBW43MS

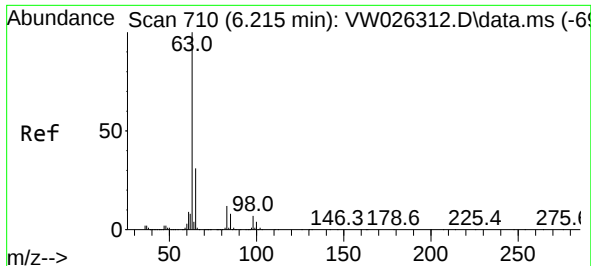
Tgt Ion: 96 Resp: 180384
Ion Ratio Lower Upper
96 100
61 157.1 113.0 209.8
98 64.2 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 19.202 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

Tgt Ion: 73 Resp: 315964
Ion Ratio Lower Upper
73 100
43 23.2 17.8 26.6
57 24.7 18.9 28.3





#19

1,1-Dichloroethane

Concen: 19.416 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.001 min

Lab File: VW026315.D

Acq: 23 Jun 2023 11:59

Instrument :

MSVOA_W

ClientSampleId :

YBW43MS

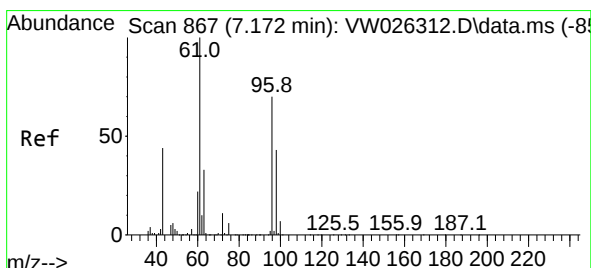
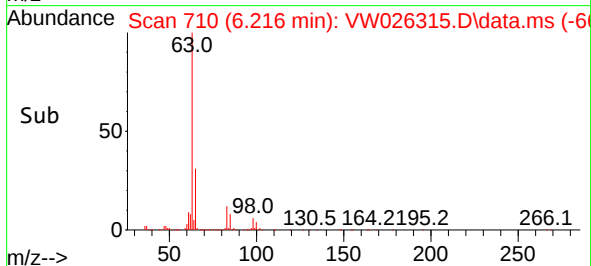
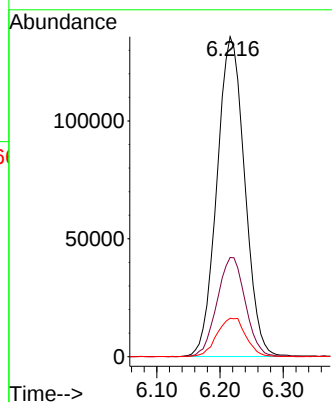
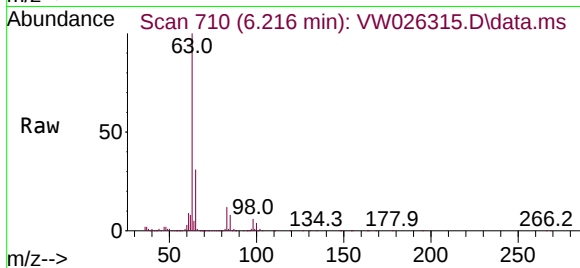
Tgt Ion: 63 Resp: 412679

Ion Ratio Lower Upper

63 100

65 31.0 22.3 41.5

83 12.0 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 19.023 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.001 min

Lab File: VW026315.D

Acq: 23 Jun 2023 11:59

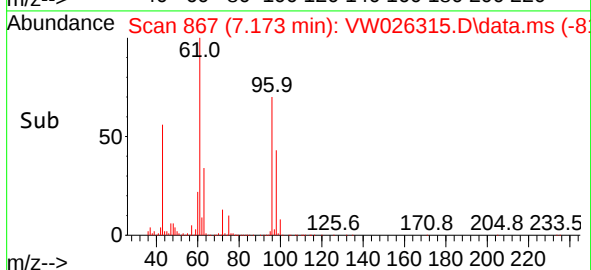
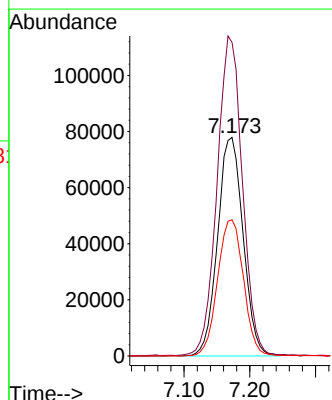
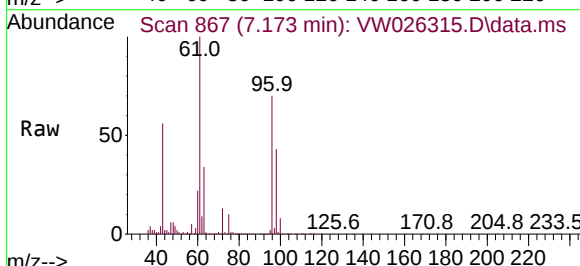
Tgt Ion: 96 Resp: 210374

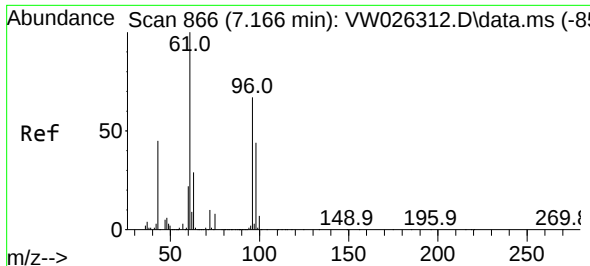
Ion Ratio Lower Upper

96 100

61 143.4 98.4 182.8

98 62.3 45.2 84.0

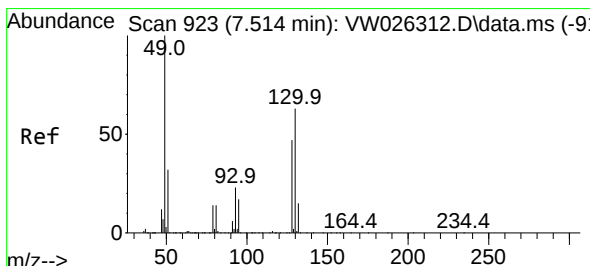
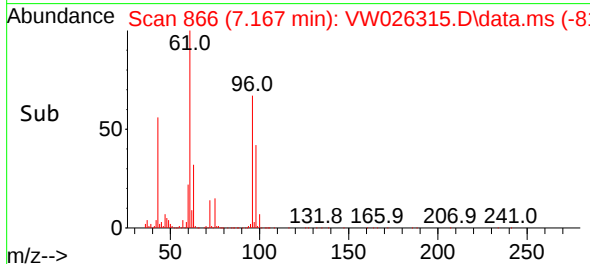
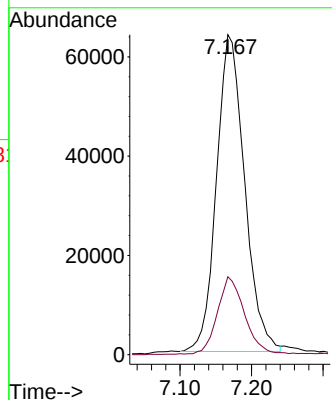
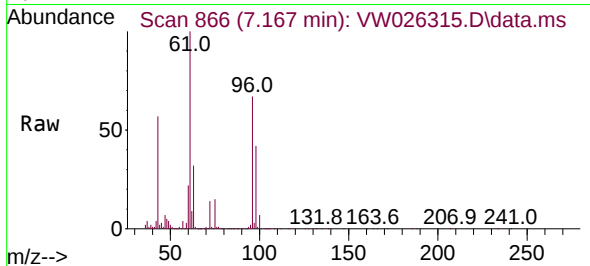




#22
2-Butanone
Concen: 52.815 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.001 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

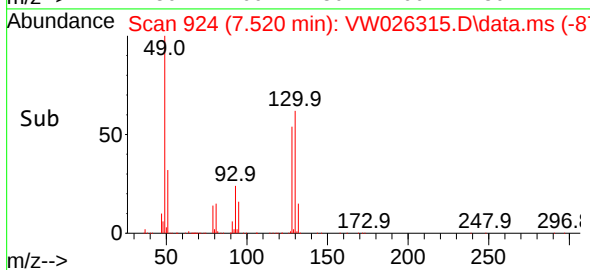
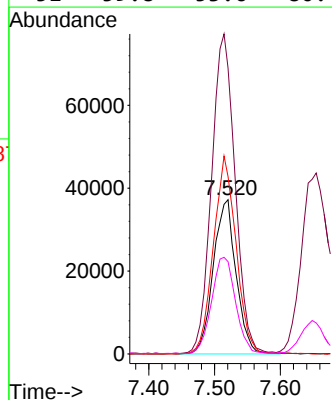
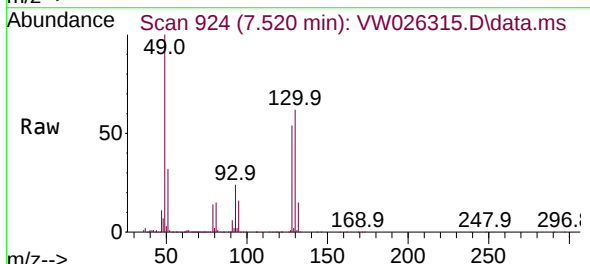
Instrument :
MSVOA_W
ClientSampleId :
YBW43MS

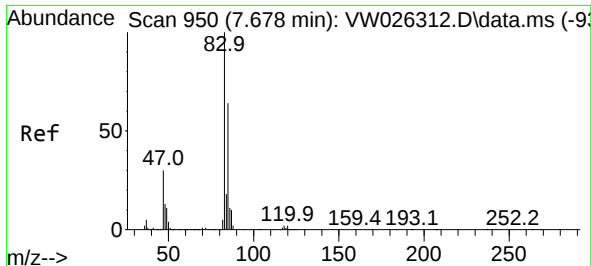
Tgt Ion: 43 Resp: 174497
Ion Ratio Lower Upper
43 100
72 23.4 12.4 37.4



#23
Bromochloromethane
Concen: 19.072 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.007 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

Tgt Ion: 128 Resp: 89947
Ion Ratio Lower Upper
128 100
49 185.3 140.6 261.0
130 115.0 86.0 159.6
51 59.8 53.6 80.4

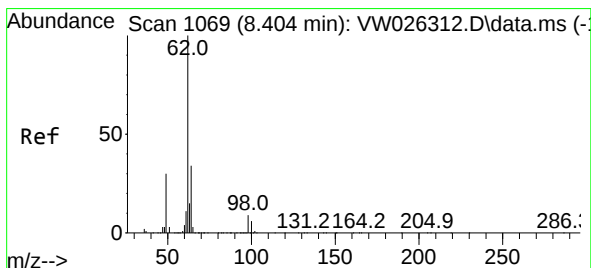
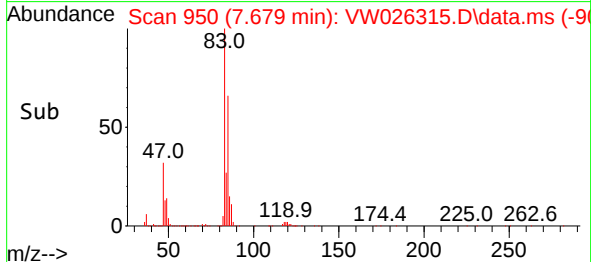
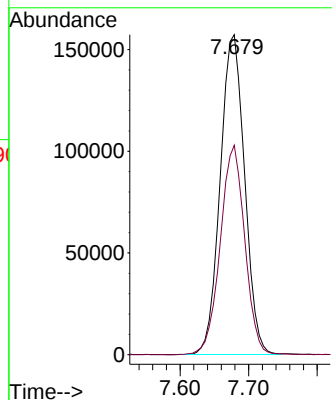
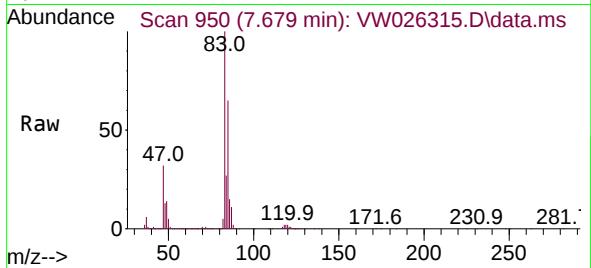




#25
Chloroform
Concen: 19.610 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.001 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

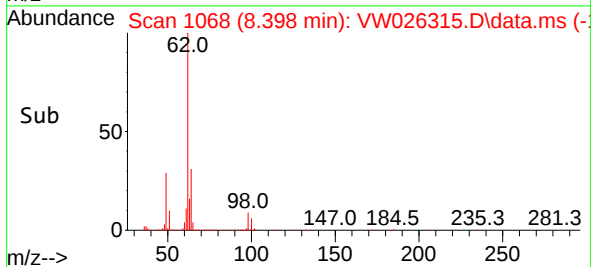
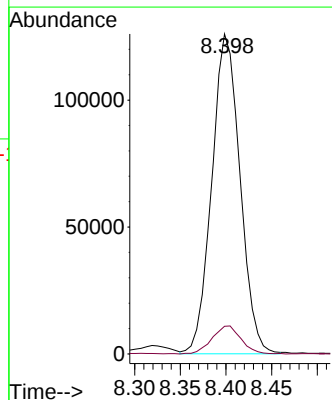
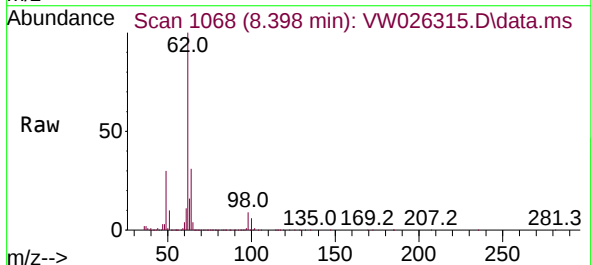
Instrument :
MSVOA_W
ClientSampleId :
YBW43MS

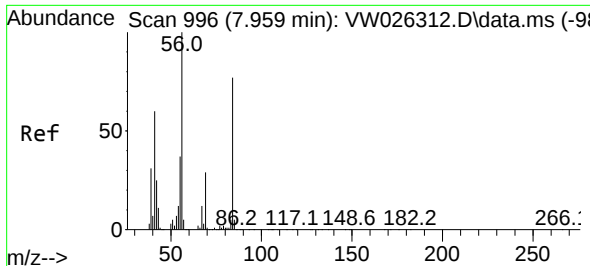
Tgt Ion: 83 Resp: 388210
Ion Ratio Lower Upper
83 100
85 65.5 45.1 83.7



#27
1,2-Dichloroethane
Concen: 19.859 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

Tgt Ion: 62 Resp: 271144
Ion Ratio Lower Upper
62 100
98 8.6 7.4 11.2

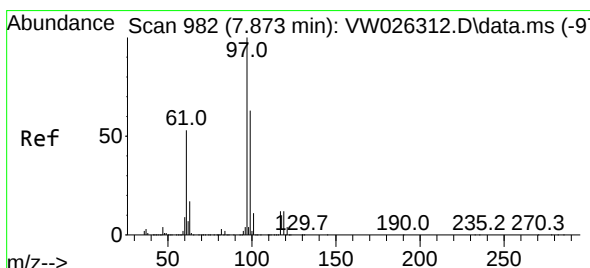
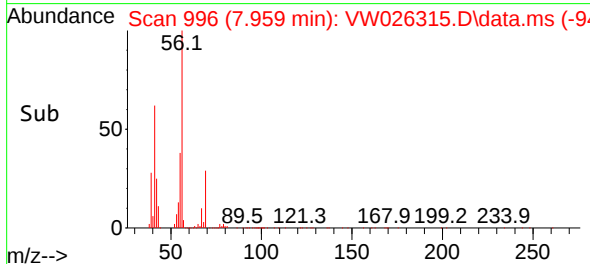
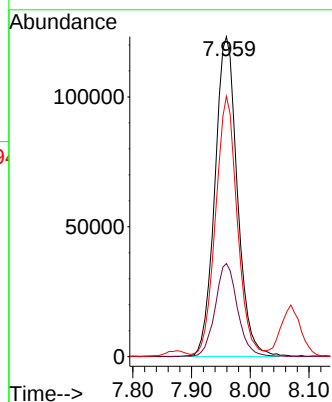
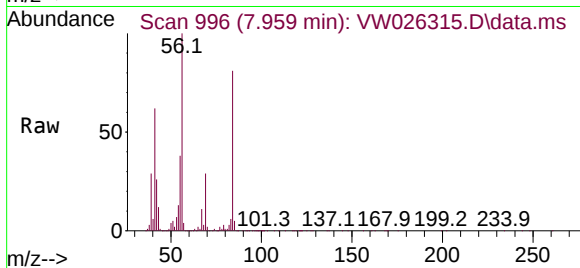




#29
Cyclohexane
Concen: 16.954 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

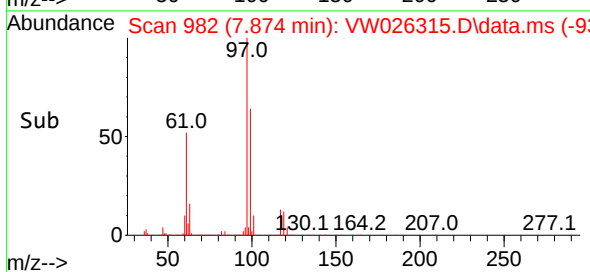
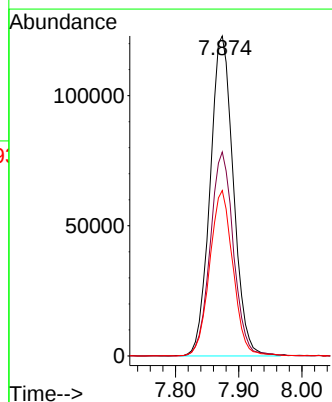
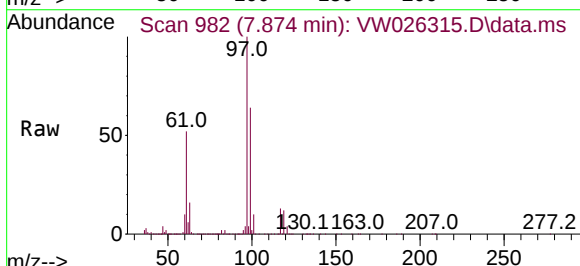
Instrument :
MSVOA_W
ClientSampleId :
YBW43MS

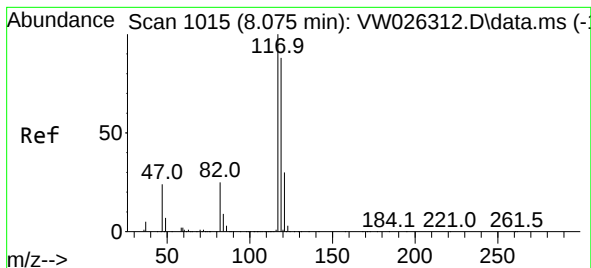
Tgt Ion: 56 Resp: 327084
Ion Ratio Lower Upper
56 100
69 28.7 23.3 34.9
84 78.8 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 20.716 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

Tgt Ion: 97 Resp: 314144
Ion Ratio Lower Upper
97 100
99 63.8 50.6 76.0
61 51.9 40.5 60.7





#31

Carbon tetrachloride

Concen: 19.258 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW026315.D

Acq: 23 Jun 2023 11:59

Instrument :

MSVOA_W

ClientSampleId :

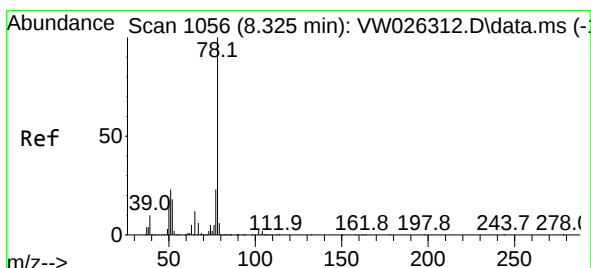
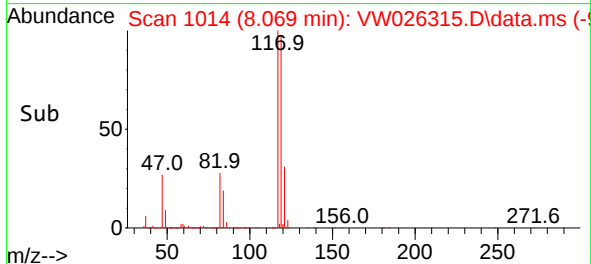
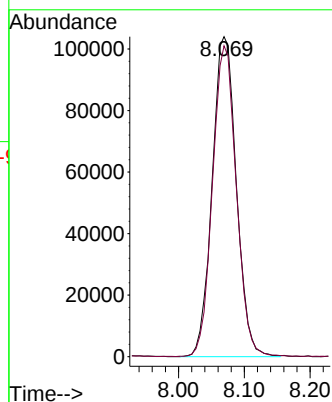
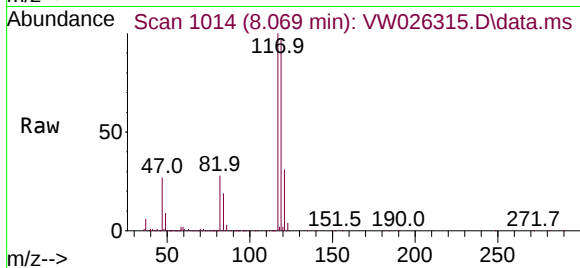
YBW43MS

Tgt Ion:117 Resp: 266486

Ion Ratio Lower Upper

117 100

119 95.4 77.4 116.2



#33

Benzene

Concen: 19.481 ug/L

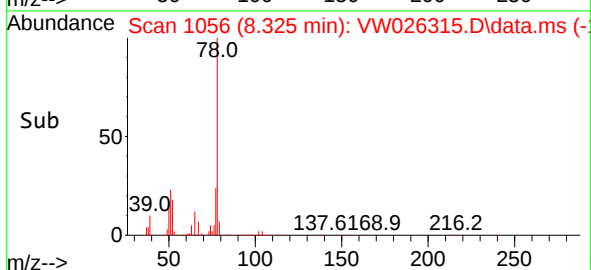
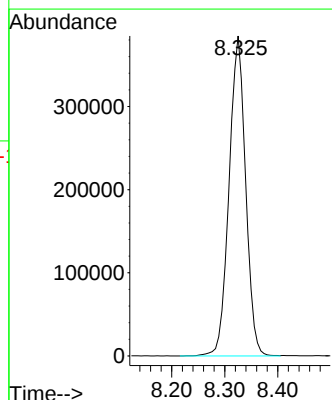
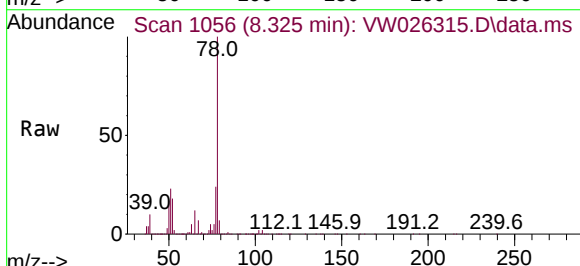
RT: 8.325 min Scan# 1056

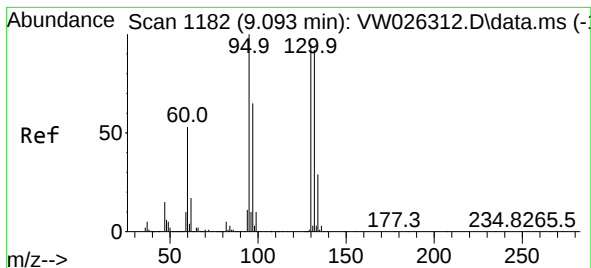
Delta R.T. 0.001 min

Lab File: VW026315.D

Acq: 23 Jun 2023 11:59

Tgt Ion: 78 Resp: 833917





#34

Trichloroethene

Concen: 18.109 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.001 min

Lab File: VW026315.D

Acq: 23 Jun 2023 11:59

Instrument :

MSVOA_W

ClientSampleId :

YBW43MS

Tgt Ion: 95 Resp: 198496

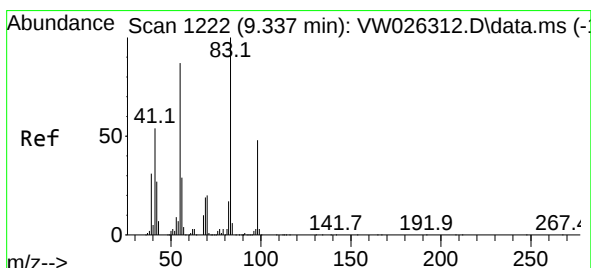
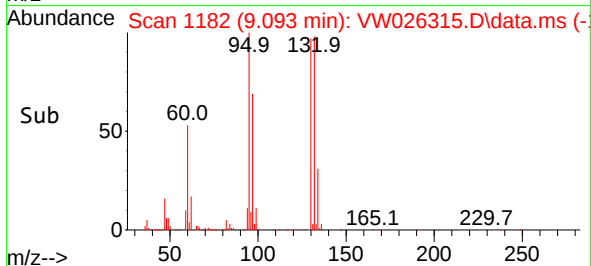
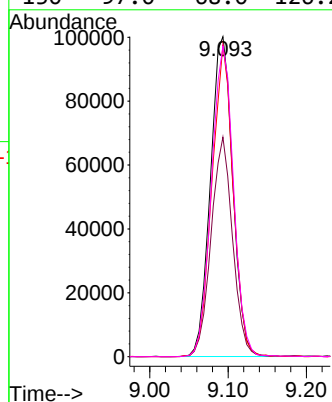
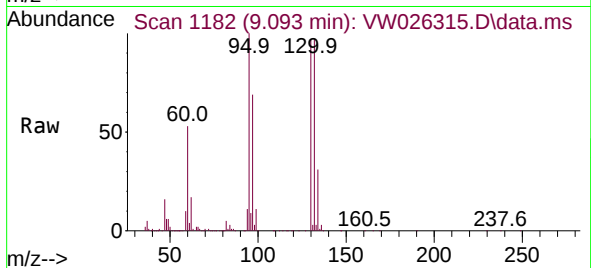
Ion Ratio Lower Upper

95 100

97 68.6 45.9 85.3

132 97.4 67.1 124.7

130 97.0 68.0 126.2



#35

Methylcyclohexane

Concen: 16.076 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026315.D

Acq: 23 Jun 2023 11:59

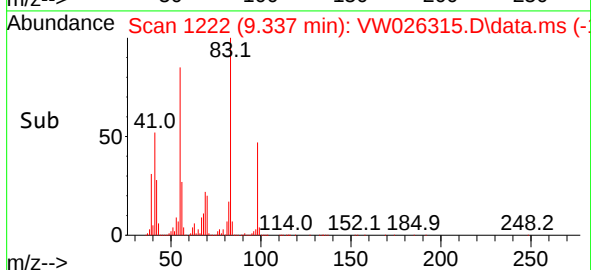
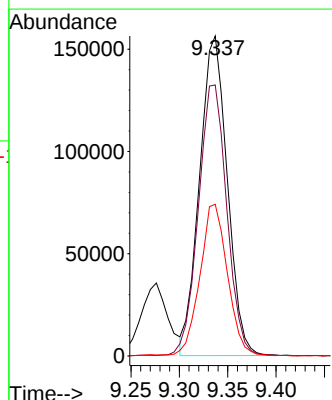
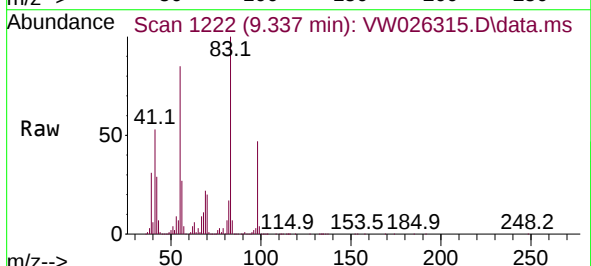
Tgt Ion: 83 Resp: 311795

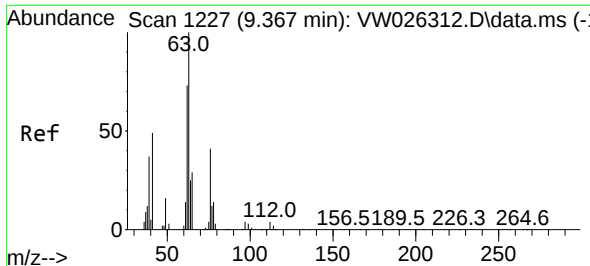
Ion Ratio Lower Upper

83 100

55 87.0 68.2 102.4

98 47.3 38.1 57.1

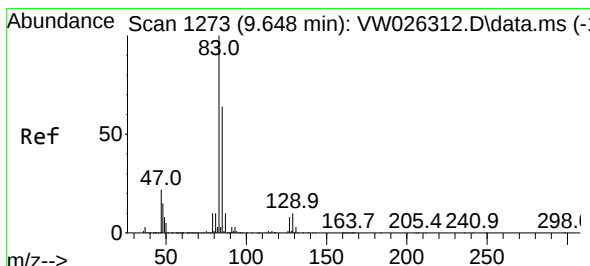
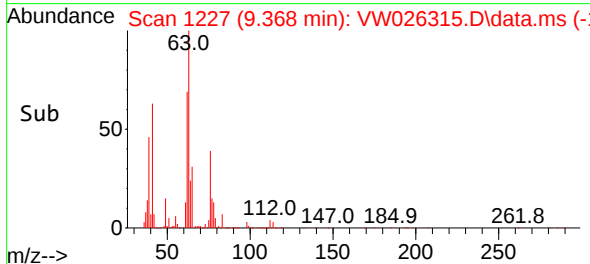
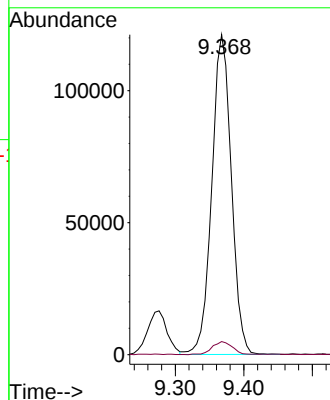
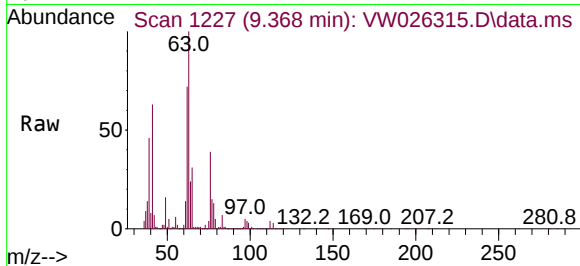




#37
1,2-Dichloropropane
Concen: 20.671 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.001 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

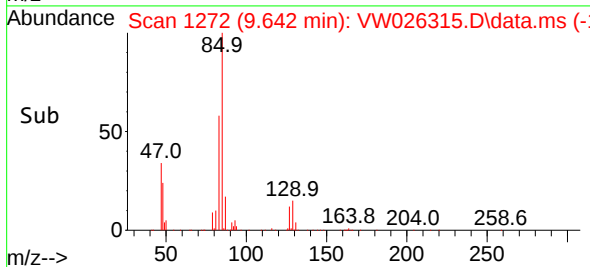
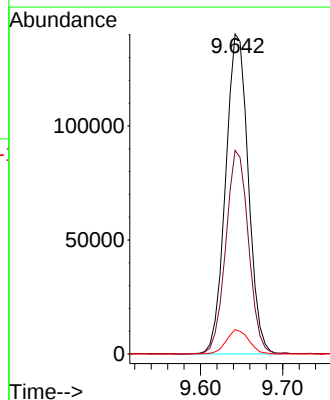
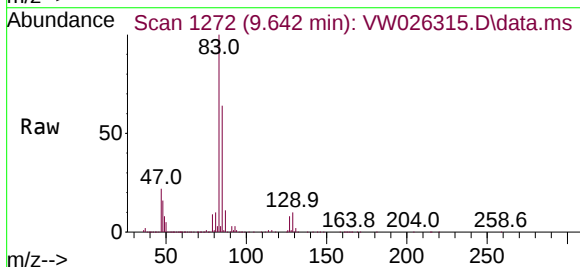
Instrument :
MSVOA_W
ClientSampleId :
YBW43MS

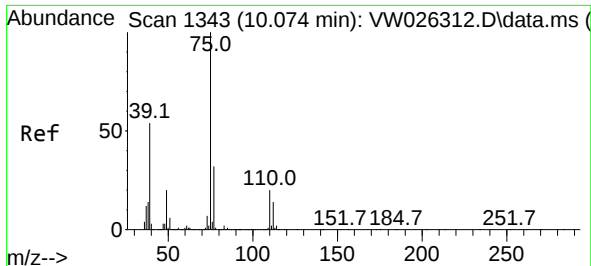
Tgt Ion: 63 Resp: 239664
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 19.997 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.006 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

Tgt Ion: 83 Resp: 269362
Ion Ratio Lower Upper
83 100
85 63.6 44.2 82.0
127 7.6 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 19.365 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.001 min

Lab File: VW026315.D

Acq: 23 Jun 2023 11:59

Instrument :

MSVOA_W

ClientSampleId :

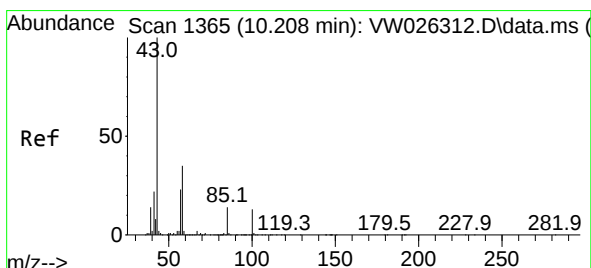
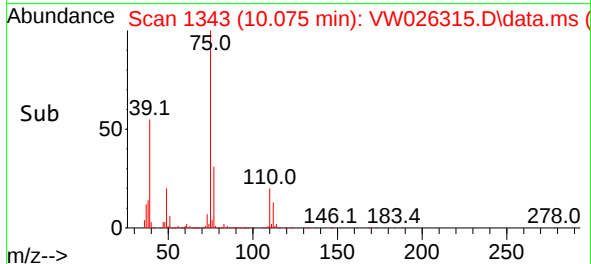
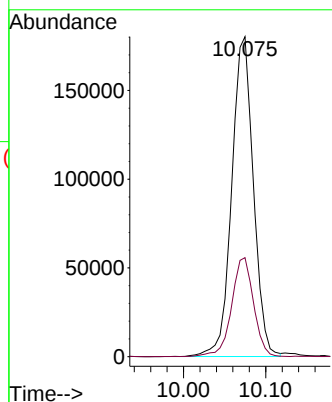
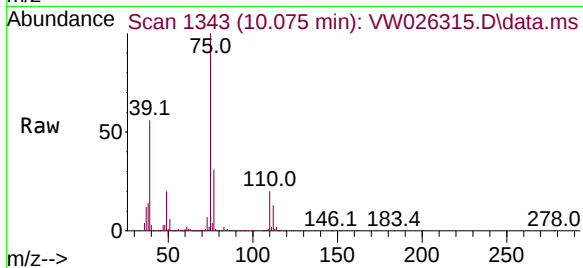
YBW43MS

Tgt Ion: 75 Resp: 329944

Ion Ratio Lower Upper

75 100

77 31.0 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 47.562 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.001 min

Lab File: VW026315.D

Acq: 23 Jun 2023 11:59

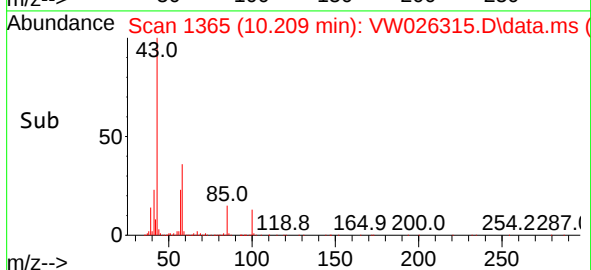
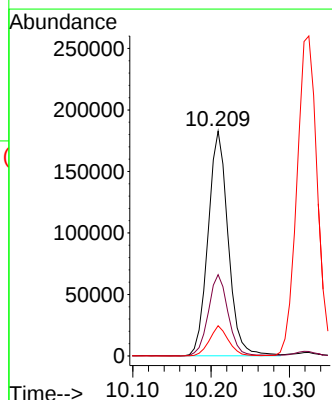
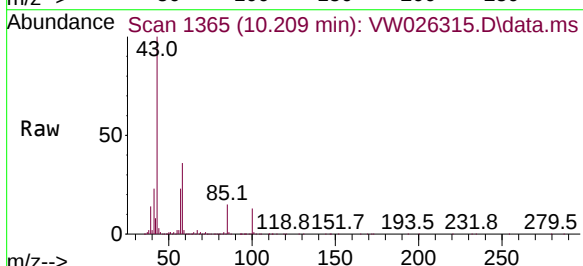
Tgt Ion: 43 Resp: 325113

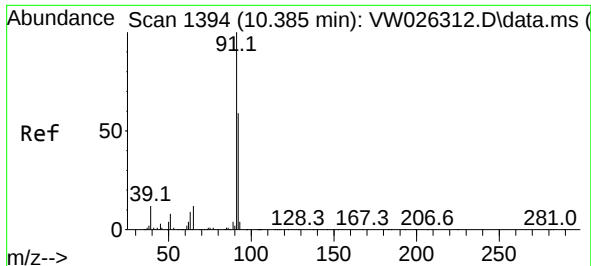
Ion Ratio Lower Upper

43 100

58 35.6 29.0 43.4

100 12.7 10.5 15.7

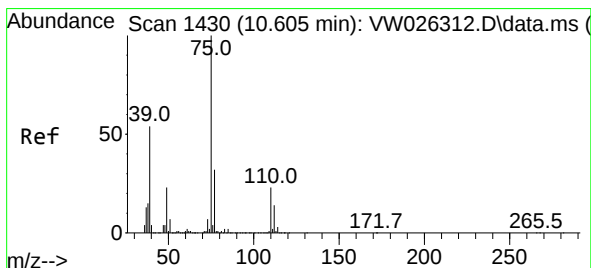
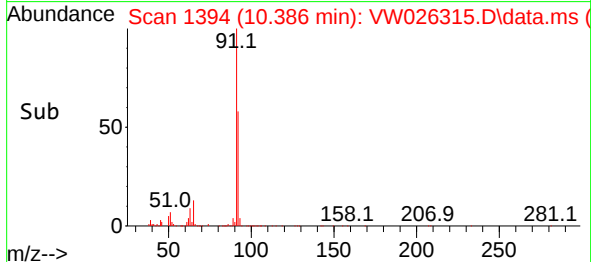
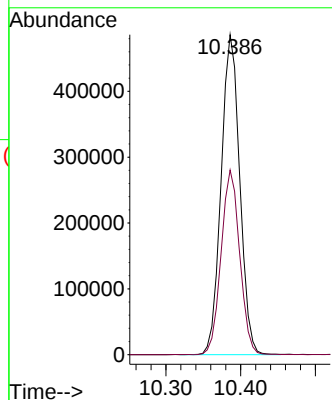
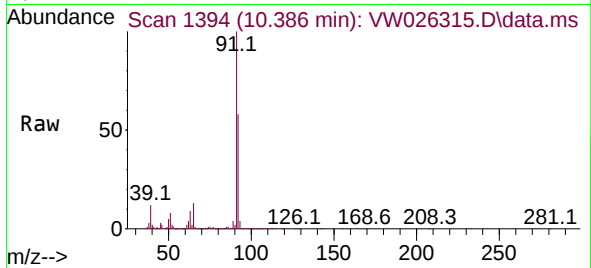




#42
Toluene
Concen: 19.239 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.001 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

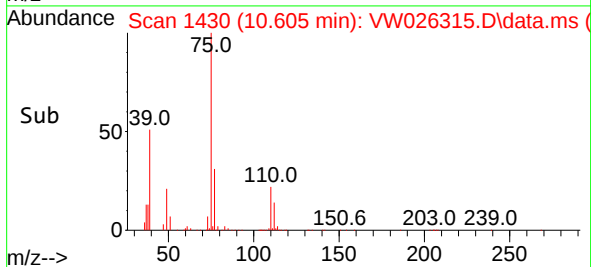
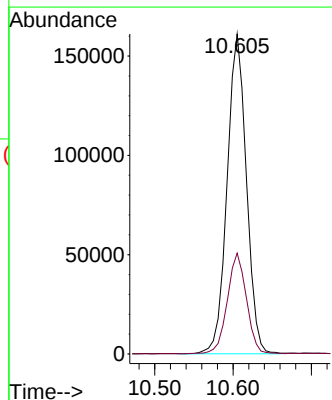
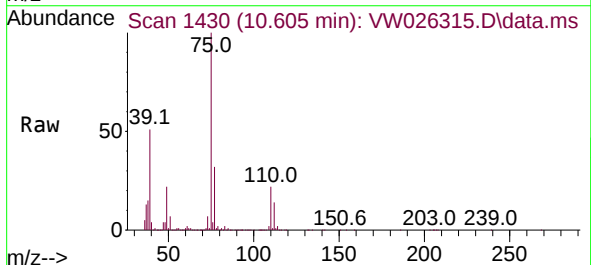
Instrument :
MSVOA_W
ClientSampleId :
YBW43MS

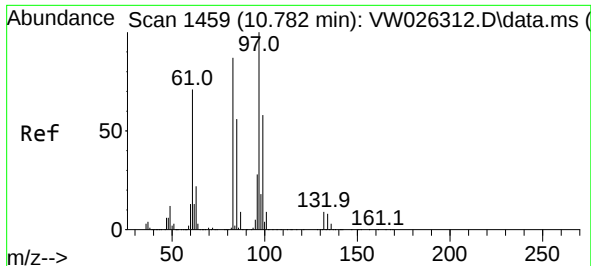
Tgt Ion: 91 Resp: 842335
Ion Ratio Lower Upper
91 100
92 57.7 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 19.433 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.001 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

Tgt Ion: 75 Resp: 275838
Ion Ratio Lower Upper
75 100
77 31.5 21.1 39.3

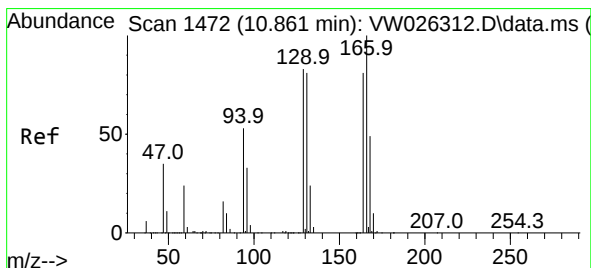
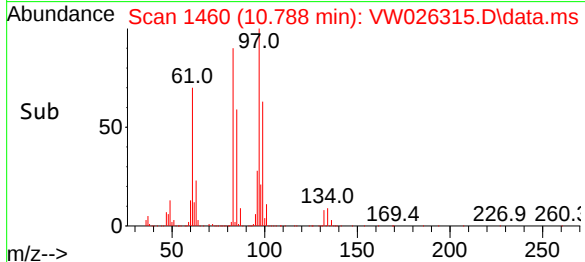
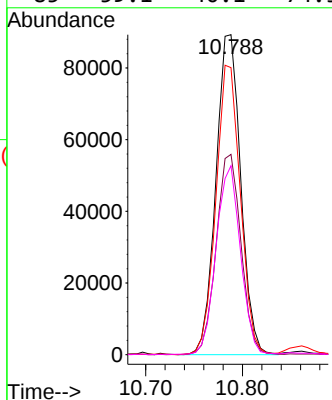
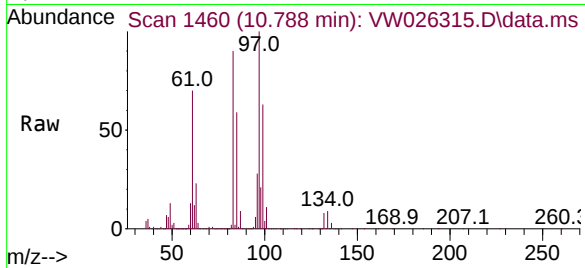




#45
1,1,2-Trichloroethane
Concen: 20.836 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.007 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

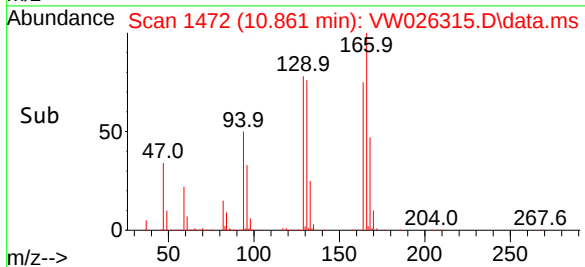
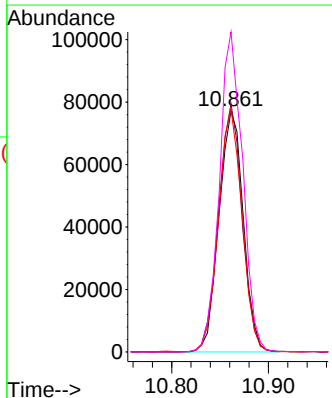
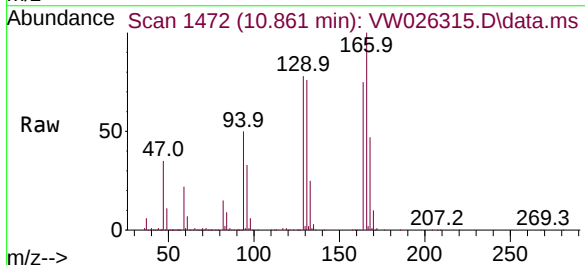
Instrument :
MSVOA_W
ClientSampleId :
YBW43MS

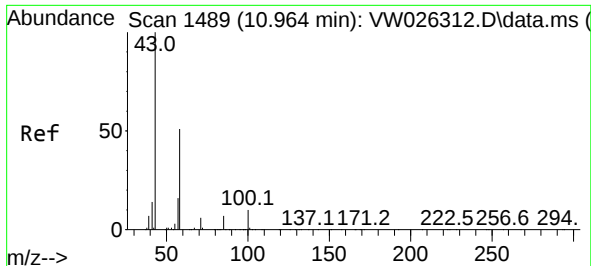
Tgt Ion: 97	Resp: 159217
Ion Ratio	Lower Upper
97 100	
99 62.6	43.3 80.5
83 89.7	62.9 116.9
85 59.1	40.1 74.5



#46
Tetrachloroethene
Concen: 17.298 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.001 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

Tgt	Ion:164	Resp:	134112
Ion	Ratio	Lower	Upper
164	100		
129	102.9	68.5	127.1
131	100.7	67.1	124.7
166	132.7	94.1	174.8



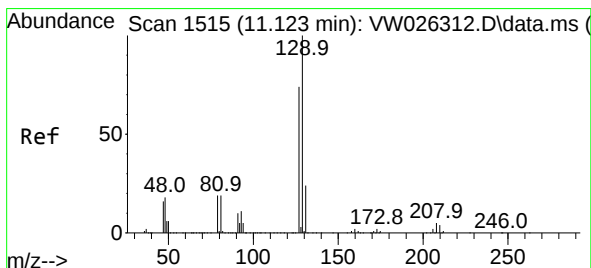
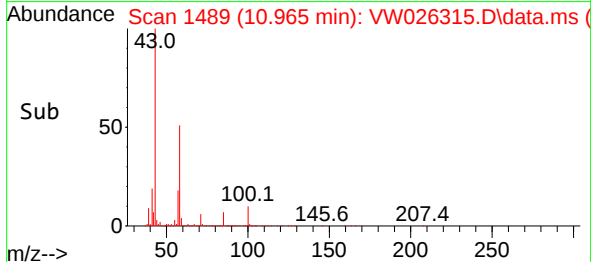
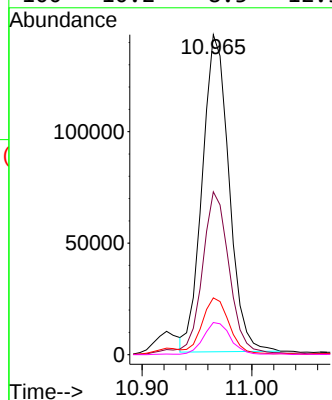
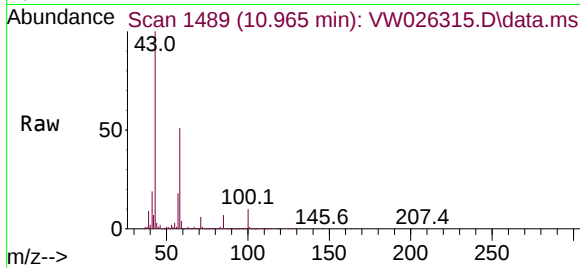


#48
2-Hexanone
Concen: 50.022 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

Instrument :
MSVOA_W
ClientSampleId :
YBW43MS

Tgt Ion: 43 Resp: 241092

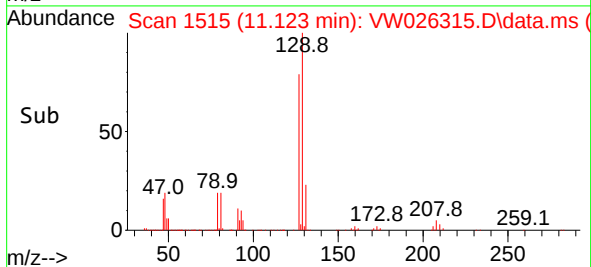
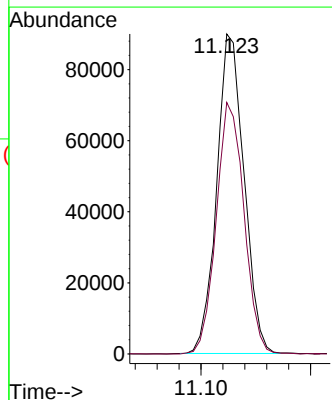
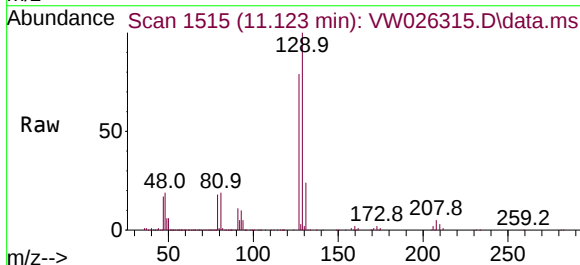
Ion	Ratio	Lower	Upper
43	100		
58	51.7	42.2	63.2
57	18.3	14.2	21.2
100	10.2	8.3	12.5

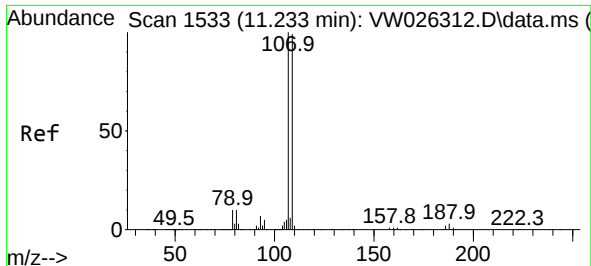


#49
Dibromochloromethane
Concen: 19.425 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.001 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

Tgt Ion: 129 Resp: 155624

Ion	Ratio	Lower	Upper
129	100		
127	78.6	56.9	105.7





#50

1,2-Dibromoethane

Concen: 19.897 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.001 min

Lab File: VW026315.D

Acq: 23 Jun 2023 11:59

Instrument :

MSVOA_W

ClientSampleId :

YBW43MS

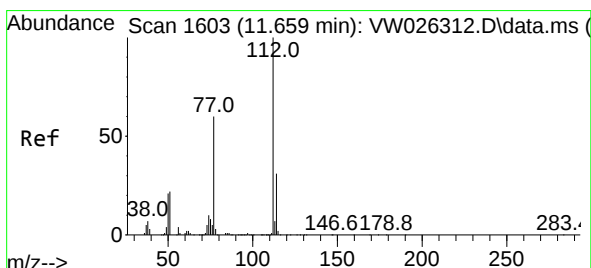
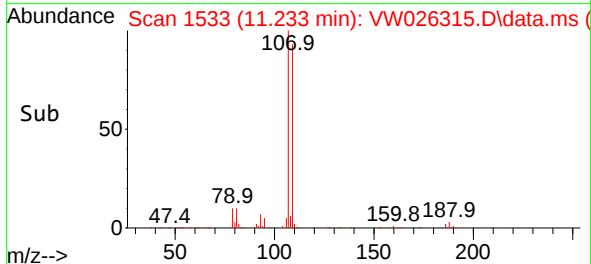
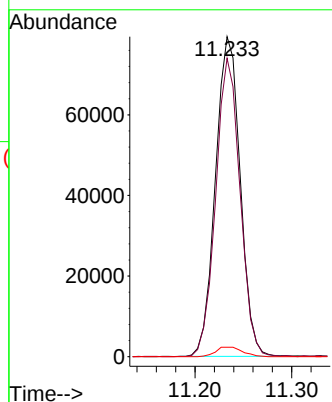
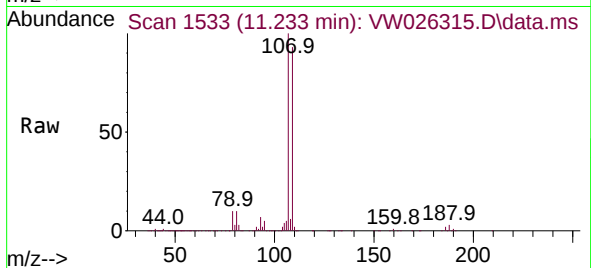
Tgt Ion:107 Resp: 140777

Ion Ratio Lower Upper

107 100

109 93.3 64.0 119.0

188 3.0 2.6 3.8



#51

Chlorobenzene

Concen: 18.148 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VW026315.D

Acq: 23 Jun 2023 11:59

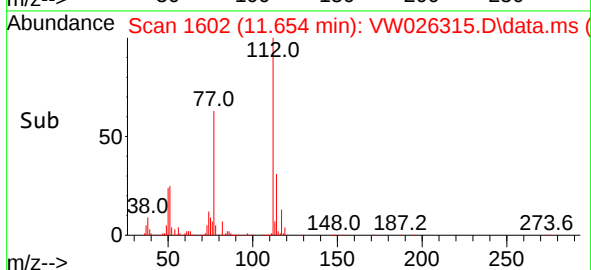
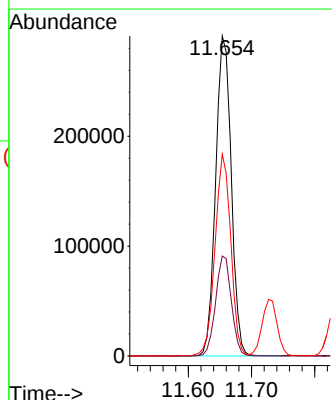
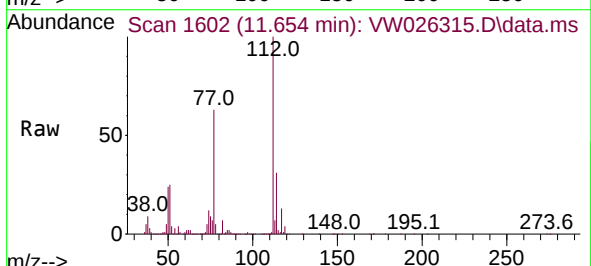
Tgt Ion:112 Resp: 497913

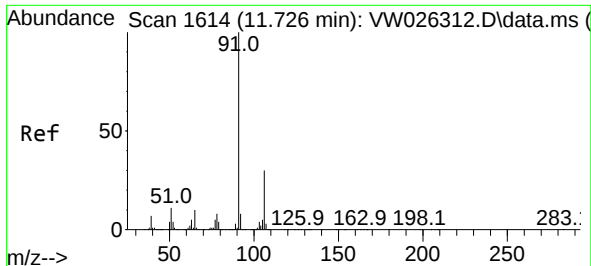
Ion Ratio Lower Upper

112 100

114 31.2 23.0 42.6

77 63.0 50.9 76.3

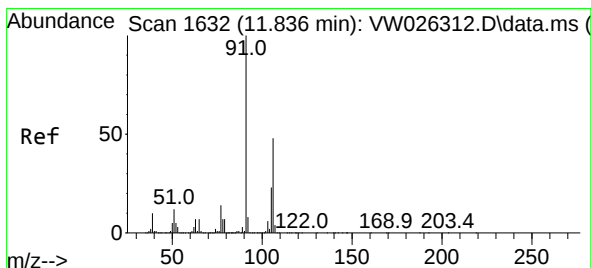
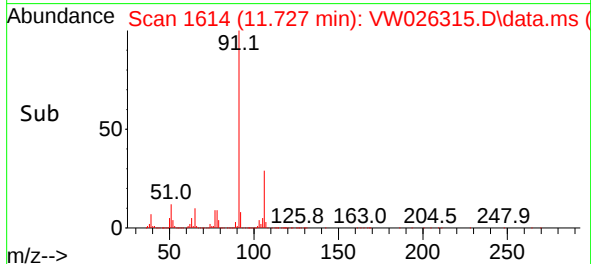
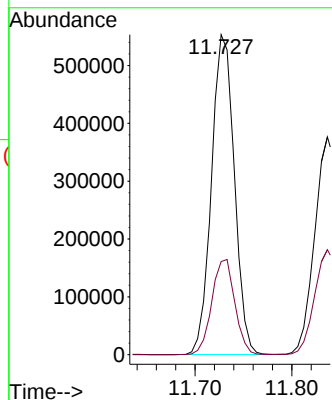
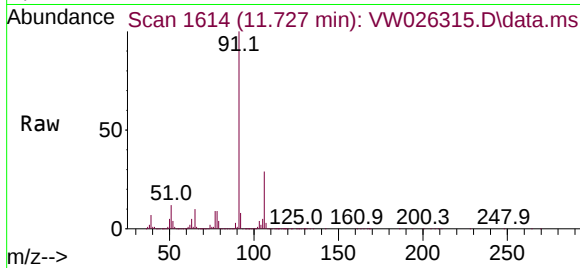




#52
Ethylbenzene
Concen: 18.380 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

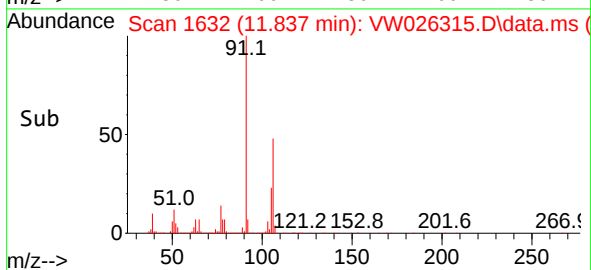
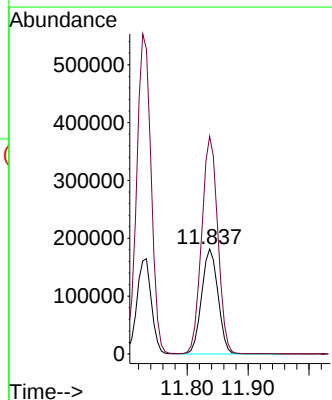
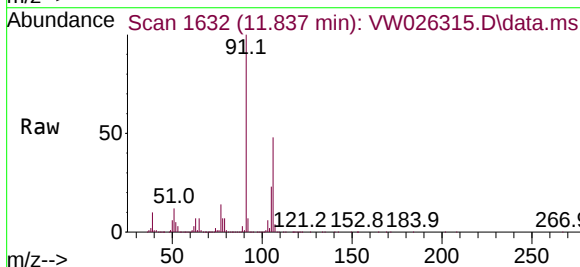
Instrument :
MSVOA_W
ClientSampleId :
YBW43MS

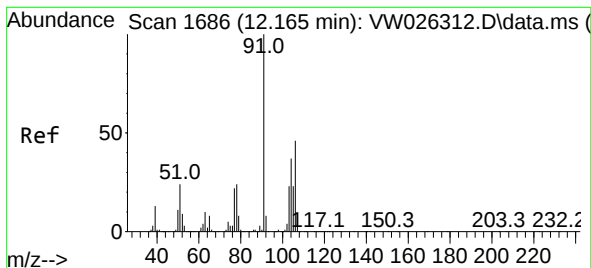
Tgt Ion: 91 Resp: 907791
Ion Ratio Lower Upper
91 100
106 29.1 21.2 39.4



#53
m,p-Xylene
Concen: 18.453 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.001 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

Tgt Ion:106 Resp: 339055
Ion Ratio Lower Upper
106 100
91 207.4 149.5 277.7





#54

o-Xylene

Concen: 18.433 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.001 min

Lab File: VW026315.D

Acq: 23 Jun 2023 11:59

Instrument :

MSVOA_W

ClientSampleId :

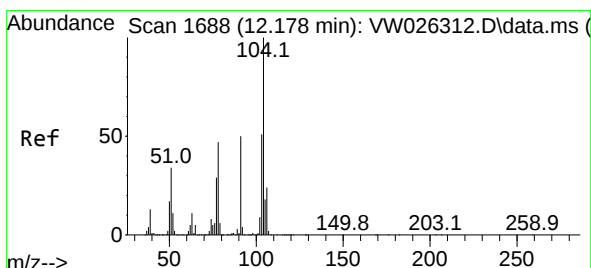
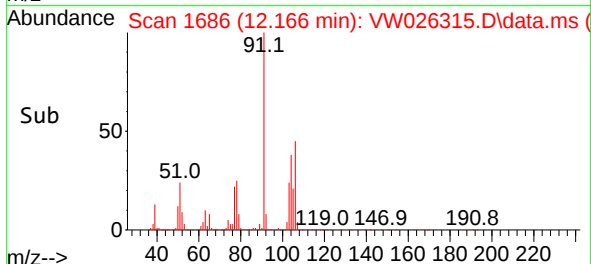
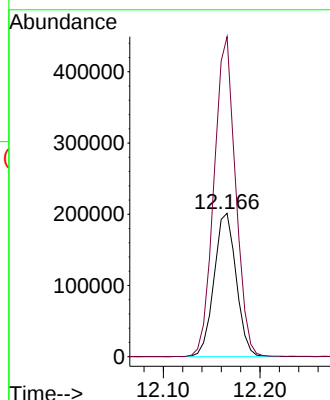
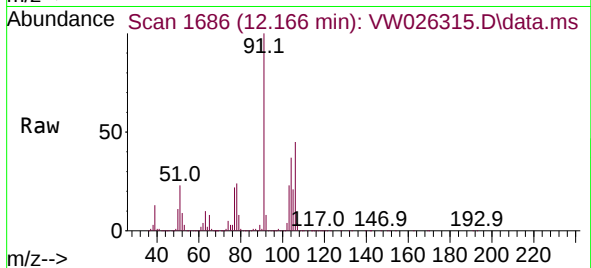
YBW43MS

Tgt Ion:106 Resp: 319655

Ion Ratio Lower Upper

106 100

91 223.3 150.9 280.3



#55

Styrene

Concen: 18.009 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.001 min

Lab File: VW026315.D

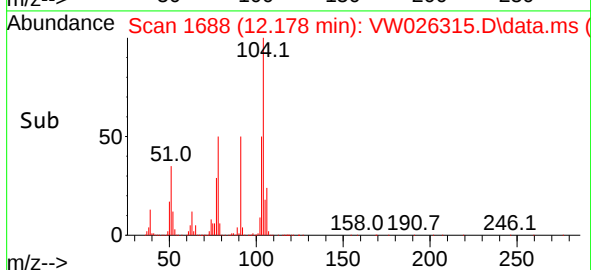
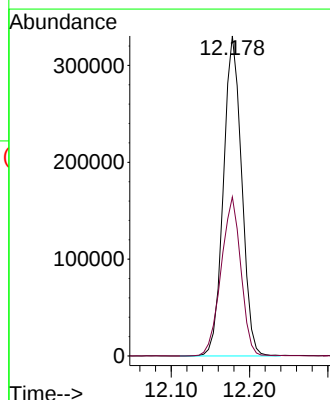
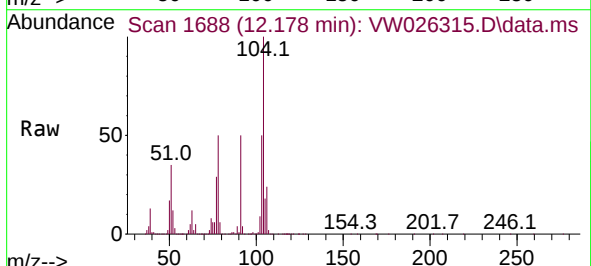
Acq: 23 Jun 2023 11:59

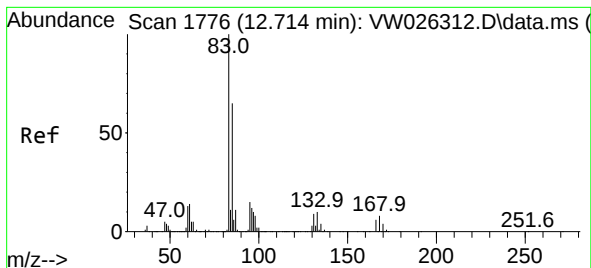
Tgt Ion:104 Resp: 535779

Ion Ratio Lower Upper

104 100

78 49.7 32.6 60.6

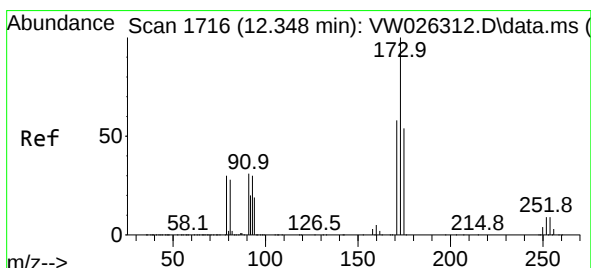
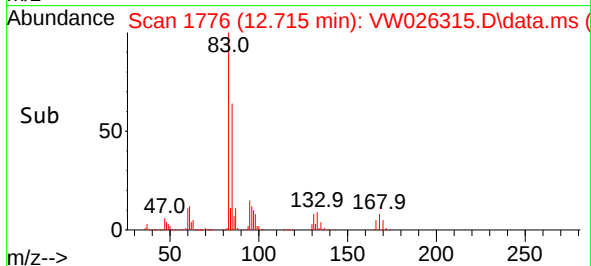
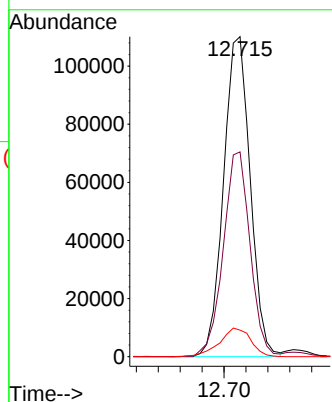
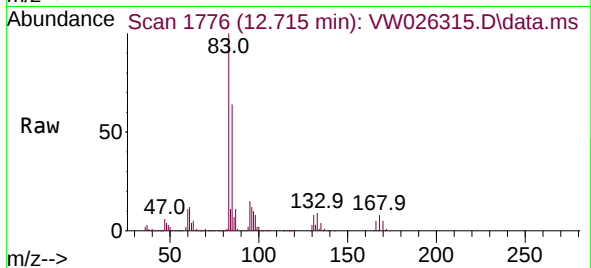




#57
1,1,2,2-Tetrachloroethane
Concen: 20.113 ug/L
RT: 12.715 min Scan# 1776
Delta R.T. 0.001 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

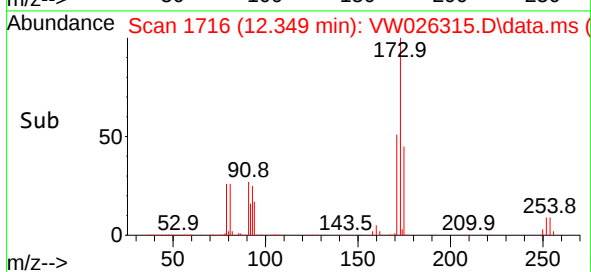
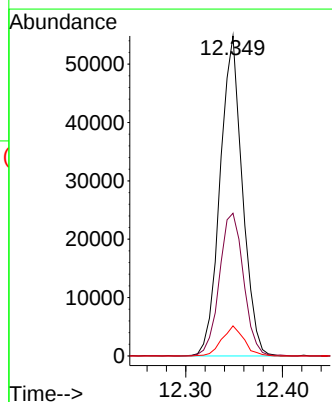
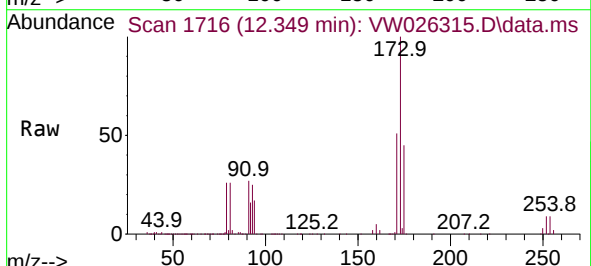
Instrument :
MSVOA_W
ClientSampleId :
YBW43MS

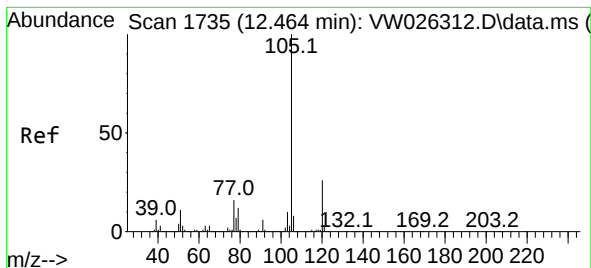
Tgt Ion: 83 Resp: 186001
Ion Ratio Lower Upper
83 100
85 64.0 42.6 79.0
131 8.3 7.2 10.8



#59
Bromoform
Concen: 22.472 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.001 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

Tgt Ion: 173 Resp: 87775
Ion Ratio Lower Upper
173 100
175 48.1 38.6 57.8
254 9.3 7.4 11.0





#60

Isopropylbenzene

Concen: 21.378 ug/L

RT: 12.459 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW026315.D

Acq: 23 Jun 2023 11:59

Instrument :

MSVOA_W

ClientSampleId :

YBW43MS

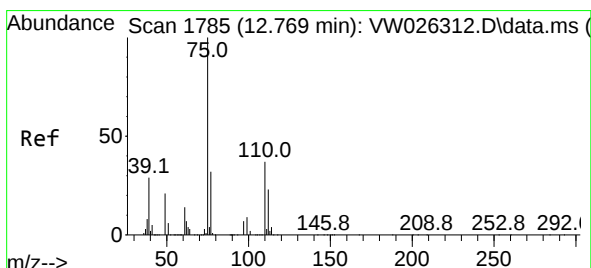
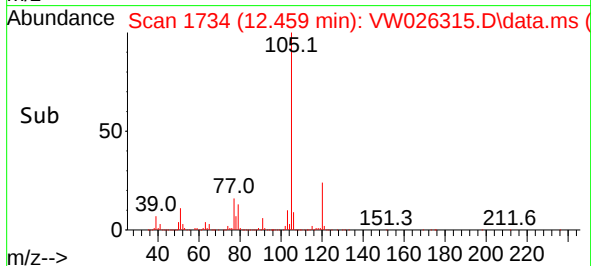
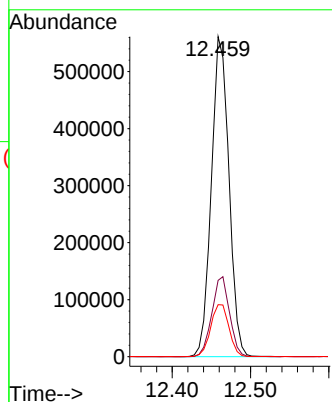
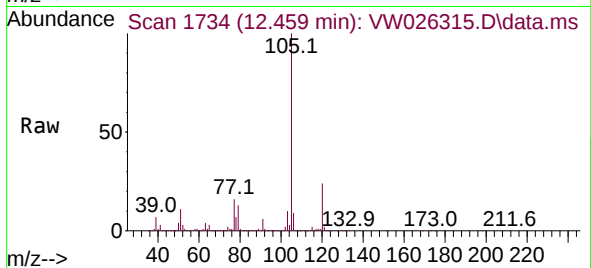
Tgt Ion:105 Resp: 873337

Ion Ratio Lower Upper

105 100

120 25.1 19.8 29.8

77 17.0 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 22.845 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.001 min

Lab File: VW026315.D

Acq: 23 Jun 2023 11:59

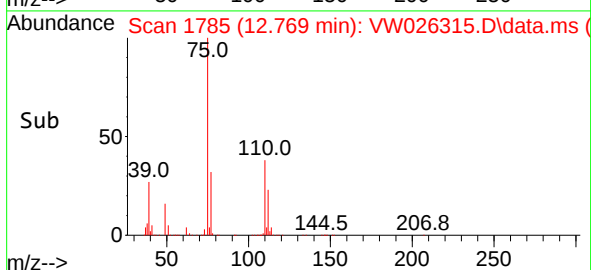
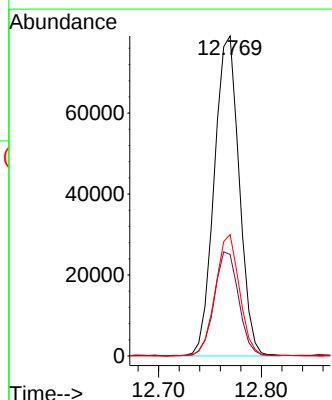
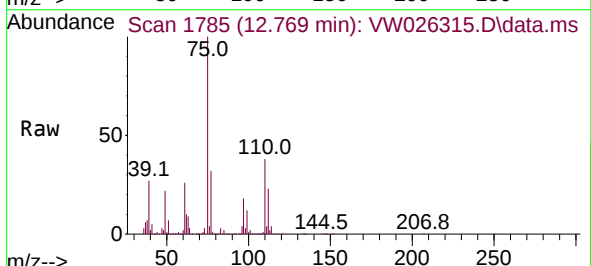
Tgt Ion: 75 Resp: 133075

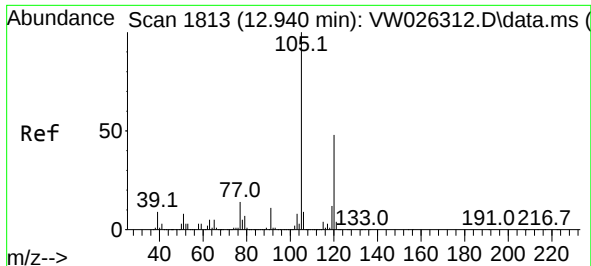
Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8

110 36.4 28.7 43.1

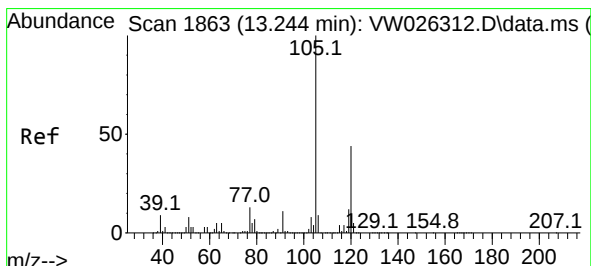
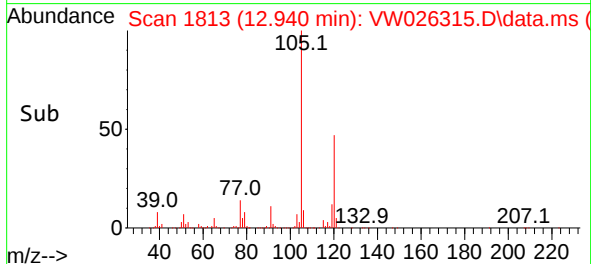
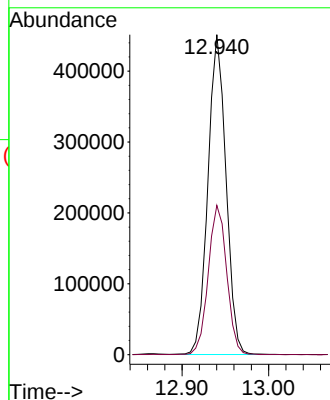
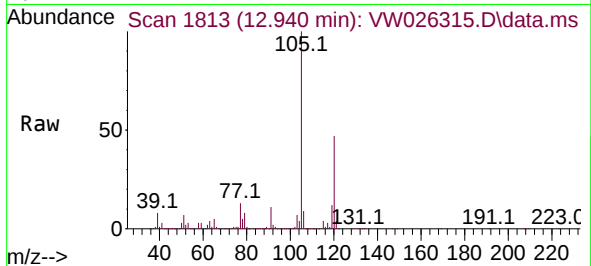




#62
1,3,5-Trimethylbenzene
Concen: 20.101 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

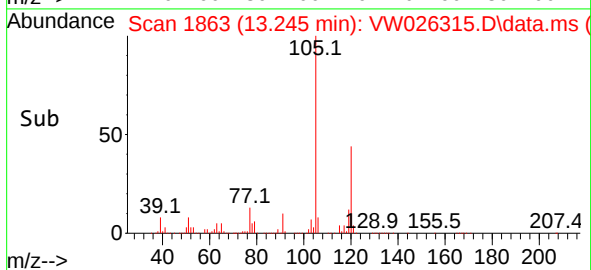
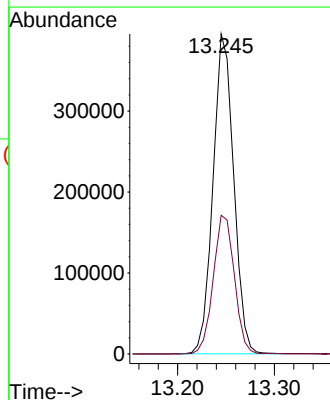
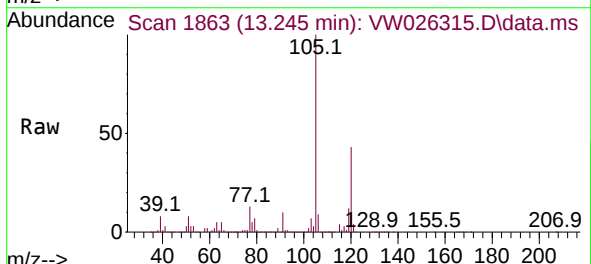
Instrument :
MSVOA_W
ClientSampleId :
YBW43MS

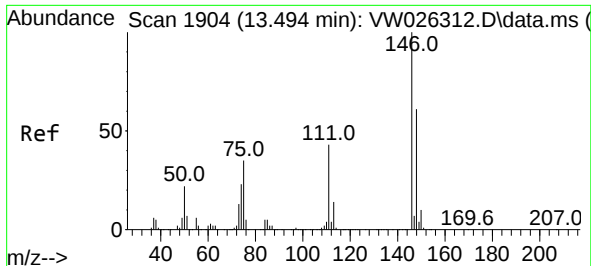
Tgt Ion:105 Resp: 652811
Ion Ratio Lower Upper
105 100
120 47.7 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 19.713 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.001 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

Tgt Ion:105 Resp: 586374
Ion Ratio Lower Upper
105 100
120 44.3 36.2 54.2

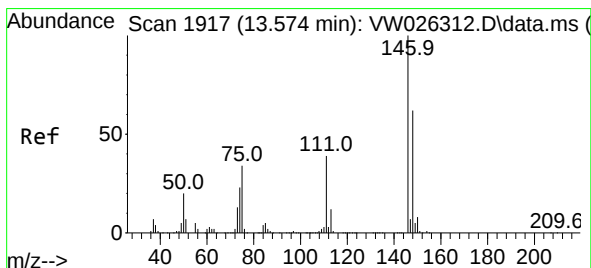
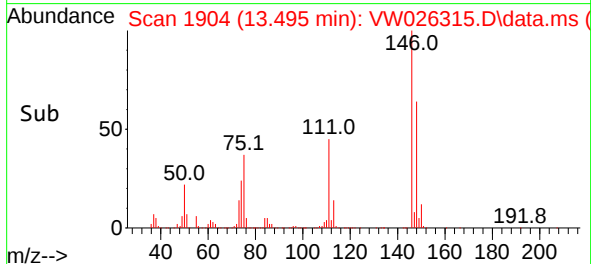
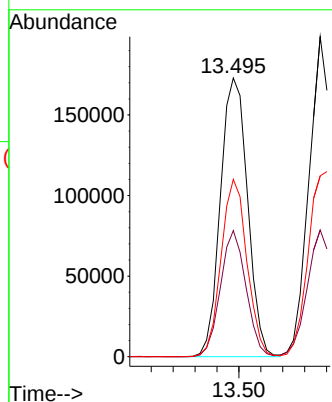
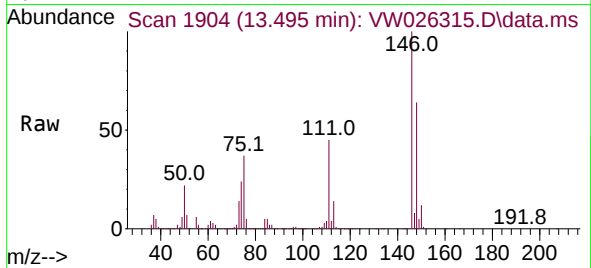




#64
1,3-Dichlorobenzene
Concen: 17.329 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.001 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

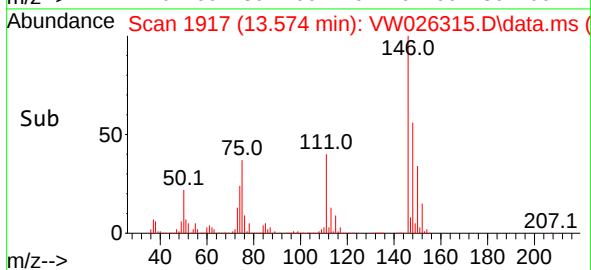
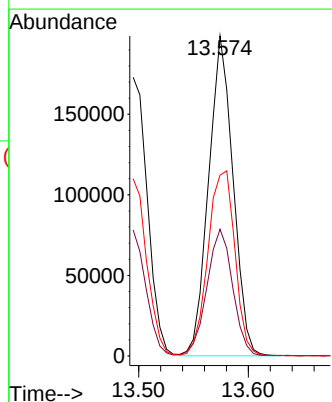
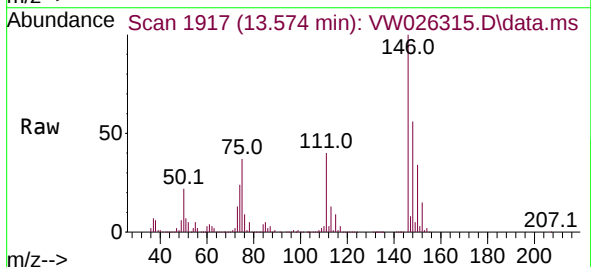
Instrument :
MSVOA_W
ClientSampleId :
YBW43MS

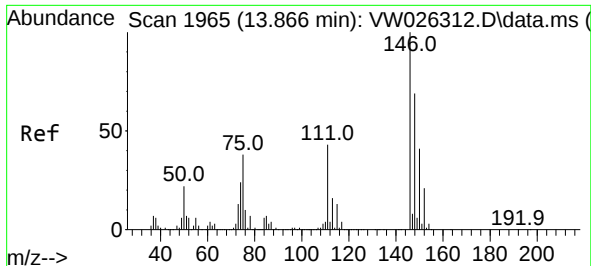
Tgt Ion:146 Resp: 297658
Ion Ratio Lower Upper
146 100
111 45.2 29.7 55.1
148 63.6 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 17.811 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.001 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

Tgt Ion:146 Resp: 308008
Ion Ratio Lower Upper
146 100
111 39.6 29.2 54.2
148 56.5 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 17.984 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.001 min

Lab File: VW026315.D

Acq: 23 Jun 2023 11:59

Instrument :

MSVOA_W

ClientSampleId :

YBW43MS

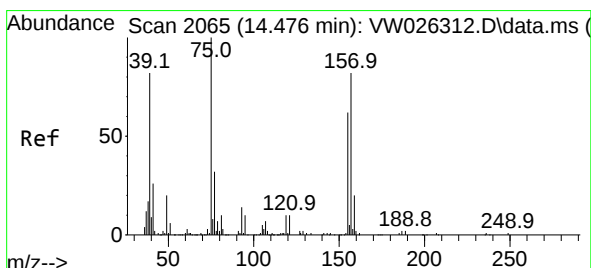
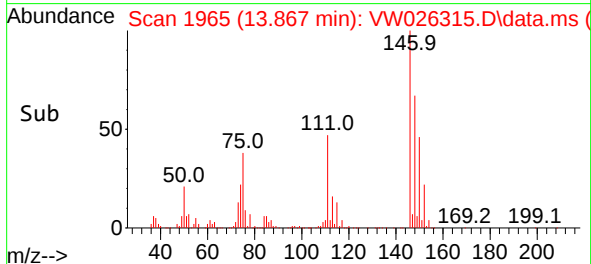
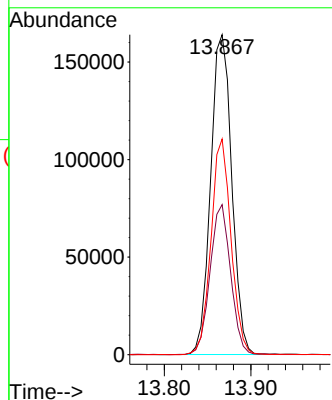
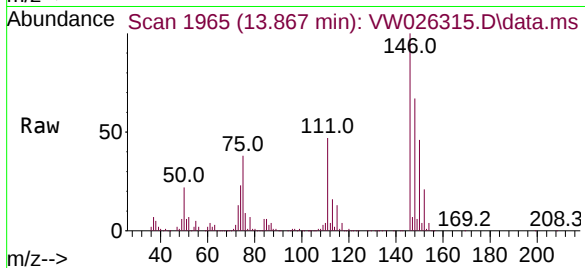
Tgt Ion:146 Resp: 277405

Ion Ratio Lower Upper

146 100

111 46.9 35.4 53.0

148 67.4 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 20.644 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.001 min

Lab File: VW026315.D

Acq: 23 Jun 2023 11:59

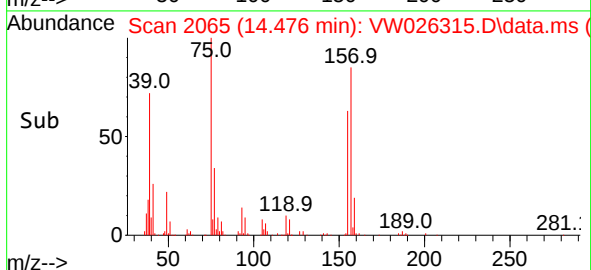
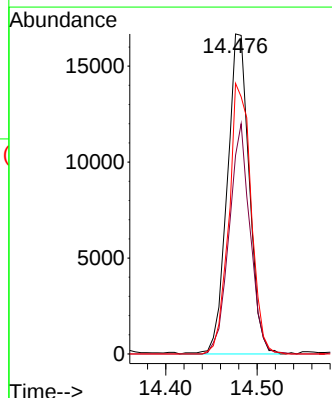
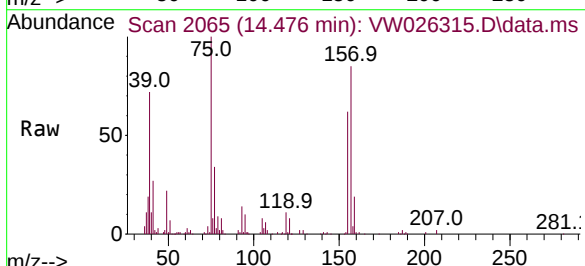
Tgt Ion: 75 Resp: 27861

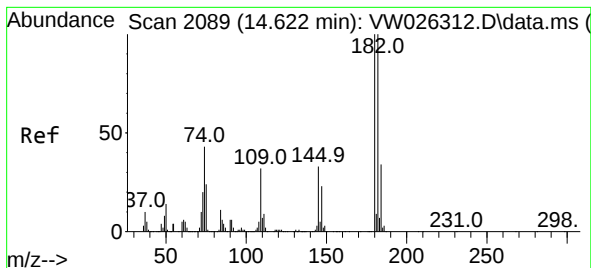
Ion Ratio Lower Upper

75 100

155 62.1 59.0 88.6

157 84.6 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 14.329 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026315.D

Acq: 23 Jun 2023 11:59

Instrument :

MSVOA_W

ClientSampleId :

YBW43MS

Tgt Ion:180 Resp: 169078

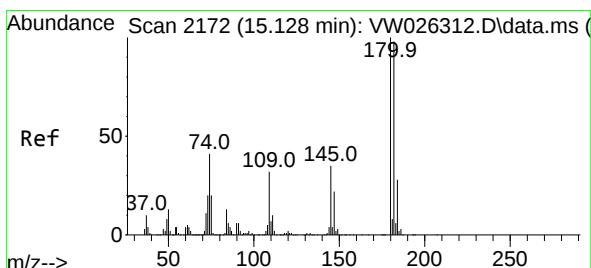
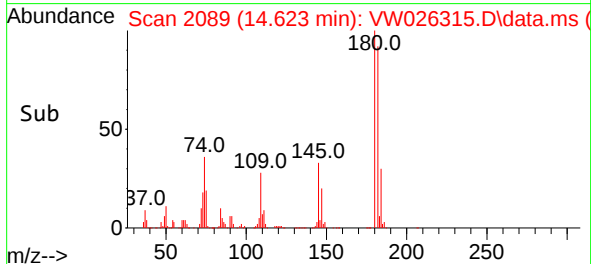
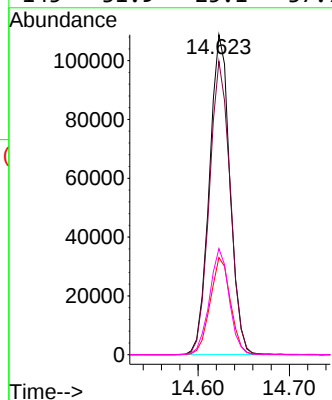
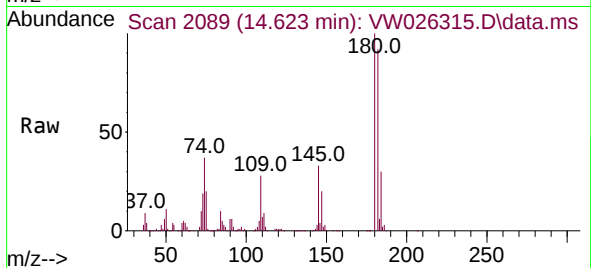
Ion Ratio Lower Upper

180 100

182 93.1 77.0 115.4

184 30.1 23.7 35.5

145 31.9 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 12.256 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.001 min

Lab File: VW026315.D

Acq: 23 Jun 2023 11:59

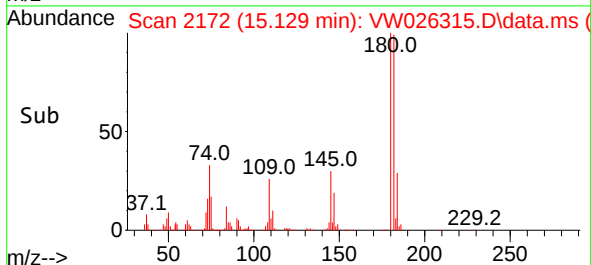
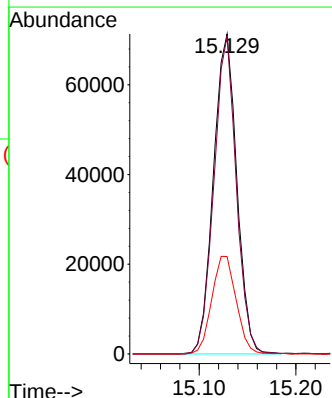
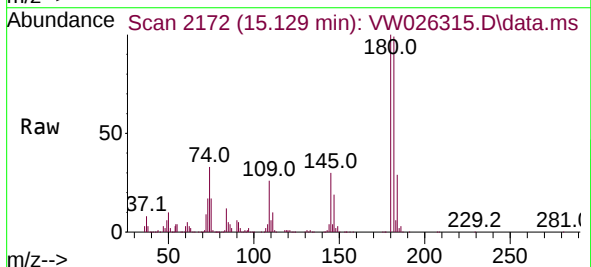
Tgt Ion:180 Resp: 119327

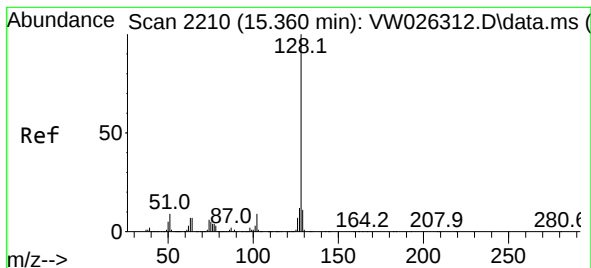
Ion Ratio Lower Upper

180 100

182 94.9 78.9 118.3

145 31.9 27.2 40.8

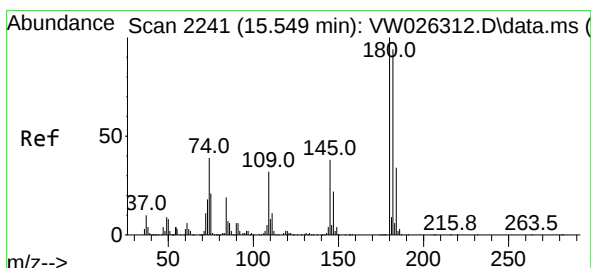
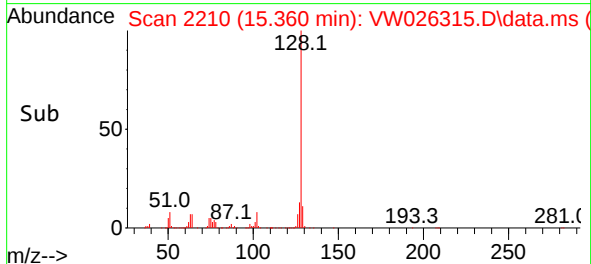
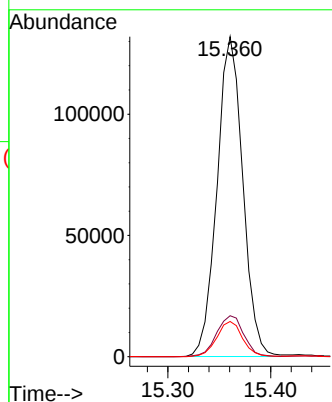
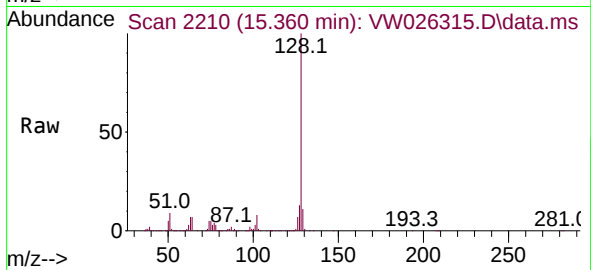




#71
Naphthalene
Concen: 13.227 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.001 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

Instrument :
MSVOA_W
ClientSampleId :
YBW43MS

Tgt Ion:128 Resp: 229521
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 12.341 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.001 min
Lab File: VW026315.D
Acq: 23 Jun 2023 11:59

Tgt Ion:180 Resp: 105008
Ion Ratio Lower Upper
180 100
182 96.2 76.3 114.5
145 34.1 27.0 40.6

