

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062323\
 Data File : VW026316.D
 Acq On : 23 Jun 2023 12:23
 Operator : SY/MD
 Sample : 03382-07MSD
 Misc : 5.08g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW43MSD

Quant Time: Jun 23 23:09:22 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	743804	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	634088	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	302204	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	167395	15.998	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.000%
7) Chloroethane-d5	2.899	69	166413	21.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	4.021	65	86911	16.845	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.360%
21) 2-Butanone-d5	7.075	46	183565	60.257	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.520%
24) Chloroform-d	7.648	84	471264	21.636	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.560%
26) 1,2-Dichloroethane-d4	8.307	65	256688	21.552	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	8.276	84	847889	19.872	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.480%
36) 1,2-Dichloropropane-d6	9.276	67	299024	22.122	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.480%
41) Toluene-d8	10.325	98	712131	18.820	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.280%
43) trans-1,3-Dichloroprop...	10.575	79	102804	19.192	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.760%
47) 2-Hexanone-d5	10.922	63	122603	57.523	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	261248	26.559	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.240%
66) 1,2-Dichlorobenzene-d4	13.849	152	224166	19.380	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	170163	18.662	ug/L	93
3) Chloromethane	2.223	50	244050	20.874	ug/L	98
5) Vinyl chloride	2.375	62	266801	21.349	ug/L	97
6) Bromomethane	2.790	94	146112	21.447	ug/L	98
8) Chloroethane	2.936	64	163490	24.209	ug/L	94
9) Trichlorofluoromethane	3.265	101	211593	26.318	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	220875	21.772	ug/L	99
12) 1,1-Dichloroethene	4.045	96	220179	23.250	ug/L #	78
13) Acetone	4.119	43	152672	64.768	ug/L	99
14) Carbon disulfide	4.393	76	568082	16.993	ug/L	99
15) Methyl Acetate	4.667	43	123165	23.281	ug/L	99
16) Methylene chloride	4.917	84	269621	22.711	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	210663	19.827	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	365113	21.803	ug/L	99
19) 1,1-Dichloroethane	6.216	63	476631	22.034	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	241693	21.475	ug/L	96
22) 2-Butanone	7.167	43	186390	55.432	ug/L	99
23) Bromochloromethane	7.514	128	101282	21.101	ug/L	96
25) Chloroform	7.679	83	447237	22.198	ug/L	97

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 Quant Title : SFAM01.0
 QLast Update : Fri Jun 23 23:07:45 2023
 Response via : Initial Calibration

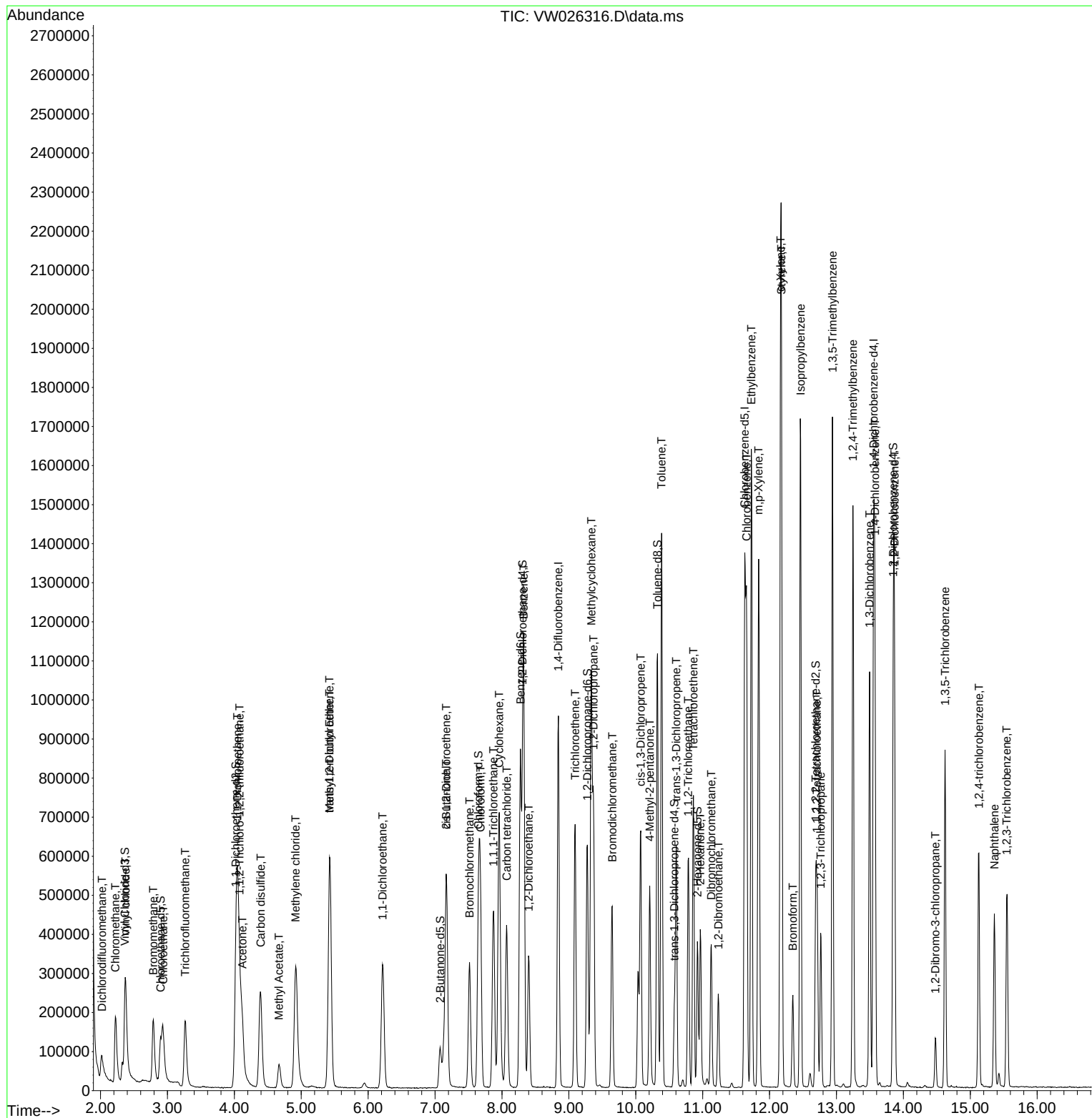
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	307498	22.129	ug/L	97
29) Cyclohexane	7.959	56	402365	20.554	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	367011	23.851	ug/L	99
31) Carbon tetrachloride	8.069	117	311415	22.178	ug/L	97
33) Benzene	8.325	78	958062	22.056	ug/L	100
34) Trichloroethene	9.093	95	238837	21.473	ug/L	97
35) Methylcyclohexane	9.337	83	396409	20.141	ug/L	99
37) 1,2-Dichloropropane	9.368	63	269657	22.920	ug/L	99
38) Bromodichloromethane	9.648	83	313528	22.938	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	379906	21.973	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	360977	52.041	ug/L	99
42) Toluene	10.386	91	983866	22.145	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	320237	22.233	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	184392	23.780	ug/L	95
46) Tetrachloroethene	10.861	164	155890	19.815	ug/L	96
48) 2-Hexanone	10.965	43	271671	55.548	ug/L	100
49) Dibromochloromethane	11.130	129	185702	22.843	ug/L	93
50) 1,2-Dibromoethane	11.233	107	158610	22.092	ug/L	94
51) Chlorobenzene	11.654	112	588016	21.121	ug/L	99
52) Ethylbenzene	11.727	91	1107298	22.094	ug/L	100
53) m,p-Xylene	11.837	106	404014	21.669	ug/L	98
54) o-Xylene	12.166	106	379047	21.540	ug/L	99
55) Styrene	12.178	104	651227	21.571	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	225447	24.025	ug/L	99
59) Bromoform	12.349	173	101204	22.296	ug/L	98
60) Isopropylbenzene	12.465	105	1058126	22.289	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	163108	24.095	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	837949	22.203	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	754171	21.818	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	403393	20.209	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	404417	20.124	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	365731	20.404	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	34319	21.882	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	237096	17.291	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	181501	16.042	ug/L	91
71) Naphthalene	15.360	128	356582	17.683	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	152278	15.400	ug/L	96

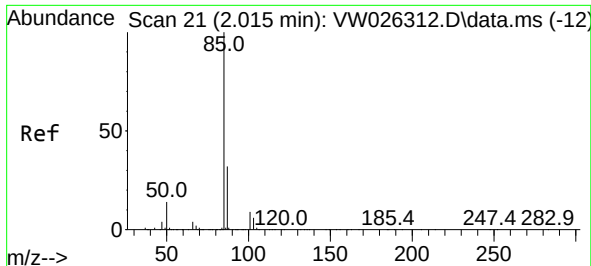
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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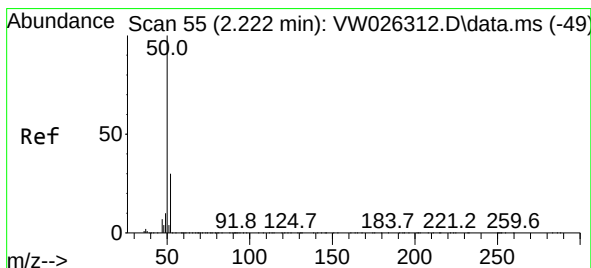
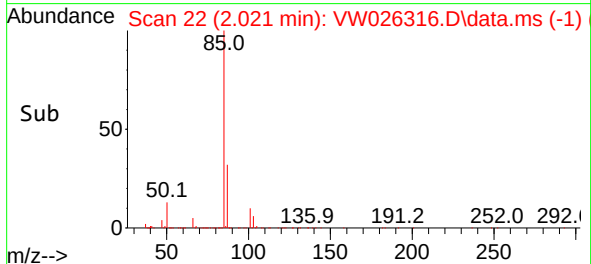
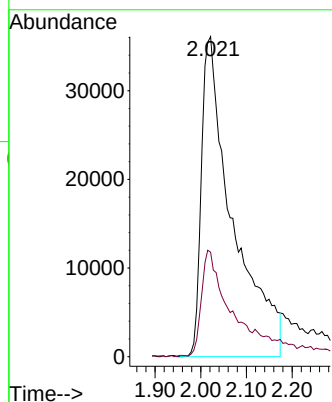
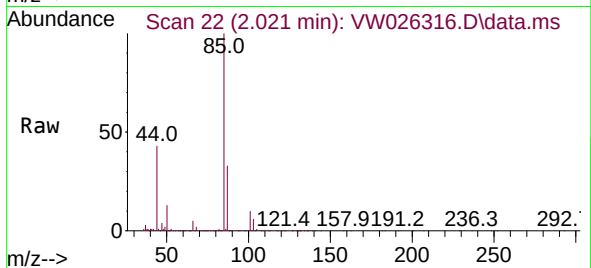




#2
 Dichlorodifluoromethane
 Concen: 18.662 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VW026316.D
 Acq: 23 Jun 2023 12:23

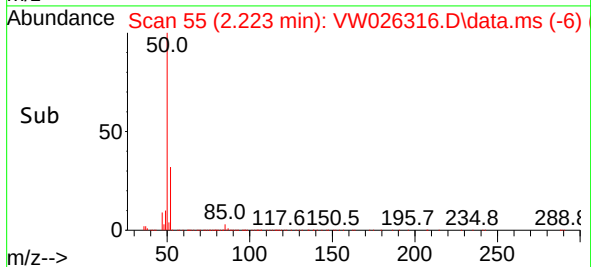
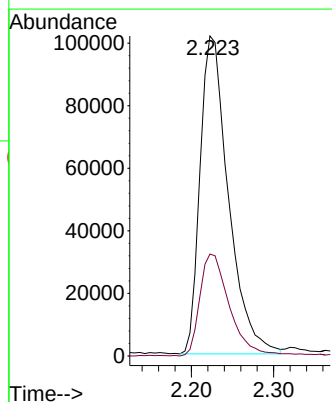
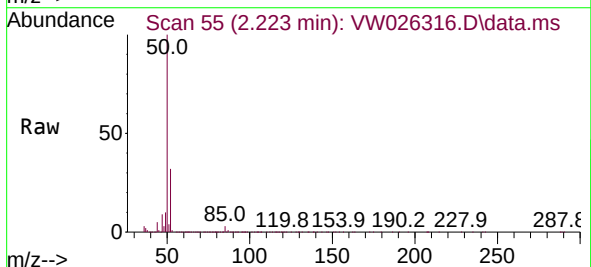
Instrument :
 MSVOA_W
 ClientSampleId :
 YBW43MSD

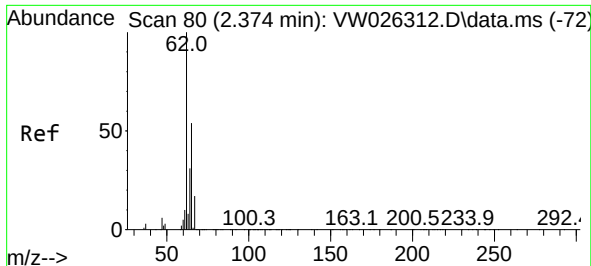
Tgt Ion: 85 Resp: 170163
 Ion Ratio Lower Upper
 85 100
 87 24.1 22.2 33.2



#3
 Chloromethane
 Concen: 20.874 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.001 min
 Lab File: VW026316.D
 Acq: 23 Jun 2023 12:23

Tgt Ion: 50 Resp: 244050
 Ion Ratio Lower Upper
 50 100
 52 31.8 21.3 39.6

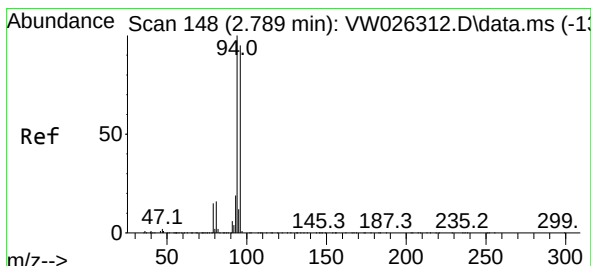
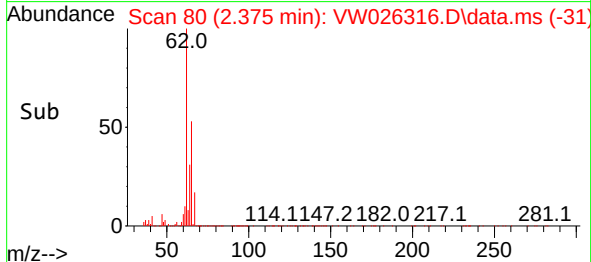
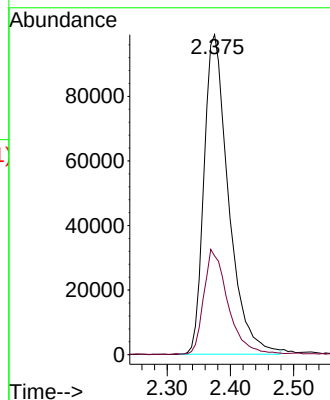
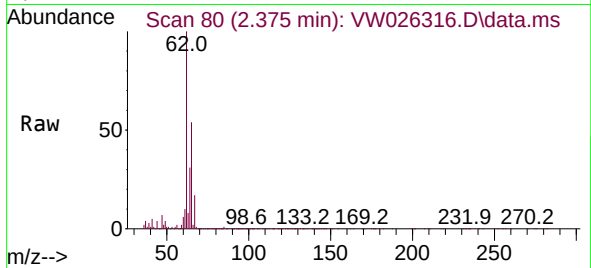




#5
 Vinyl chloride
 Concen: 21.349 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026316.D
 Acq: 23 Jun 2023 12:23

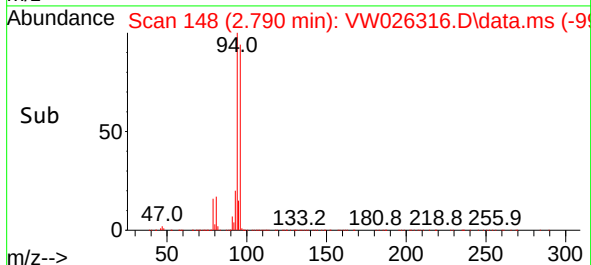
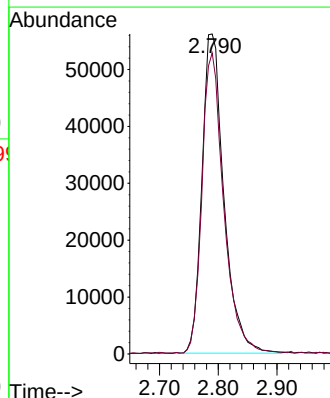
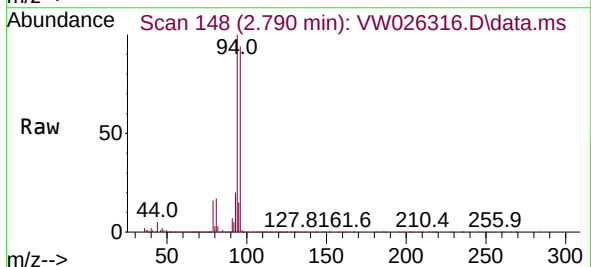
Instrument :
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 ClientSampleId :
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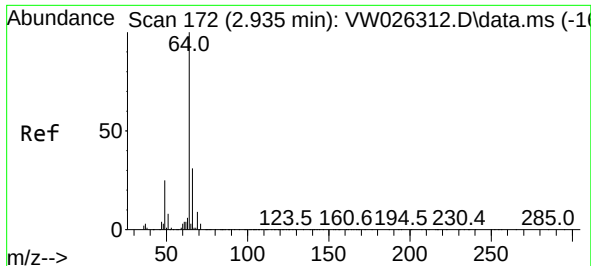
Tgt Ion: 62 Resp: 266801
 Ion Ratio Lower Upper
 62 100
 64 30.9 22.7 42.1



#6
 Bromomethane
 Concen: 21.447 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW026316.D
 Acq: 23 Jun 2023 12:23

Tgt Ion: 94 Resp: 146112
 Ion Ratio Lower Upper
 94 100
 96 94.1 64.2 119.2

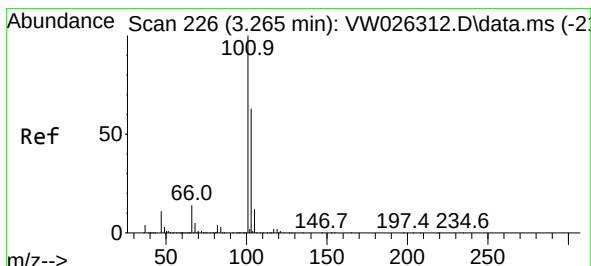
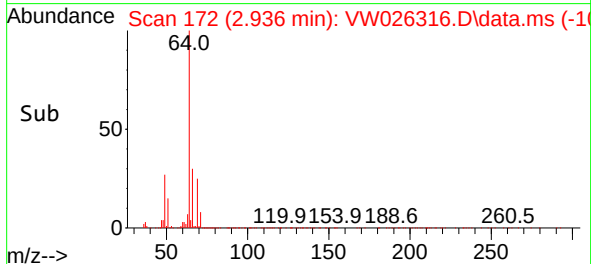
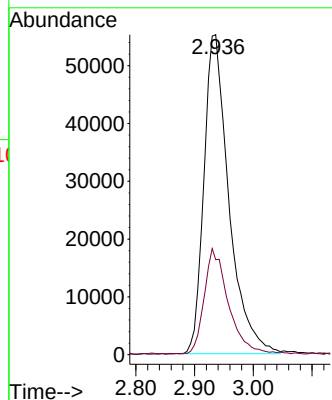
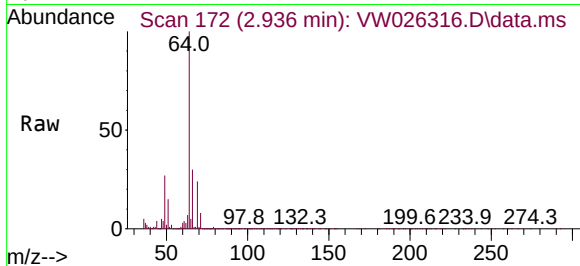




#8
Chloroethane
Concen: 24.209 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

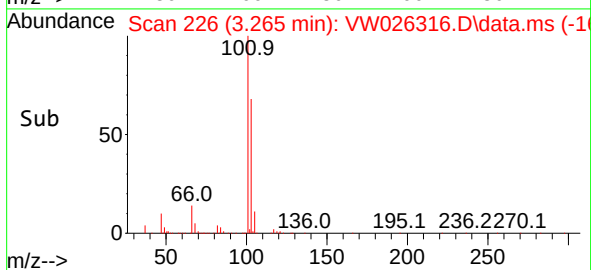
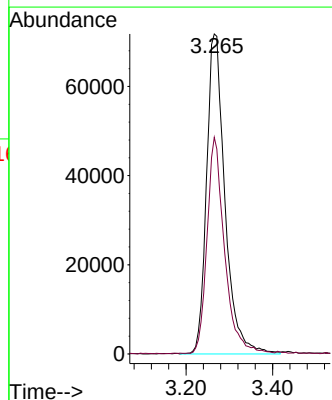
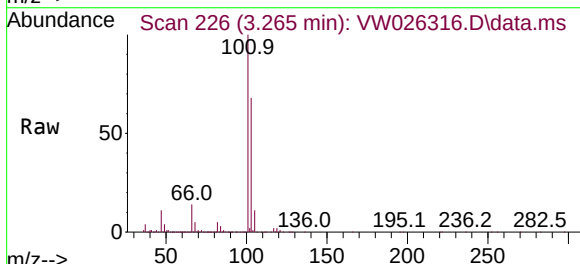
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MSVOA_W
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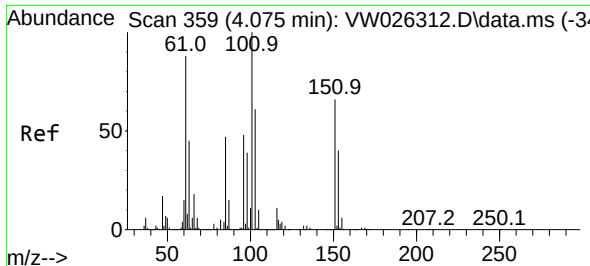
Tgt Ion: 64 Resp: 163490
Ion Ratio Lower Upper
64 100
66 29.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 26.318 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.001 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

Tgt Ion: 101 Resp: 211593
Ion Ratio Lower Upper
101 100
103 63.5 51.6 77.4

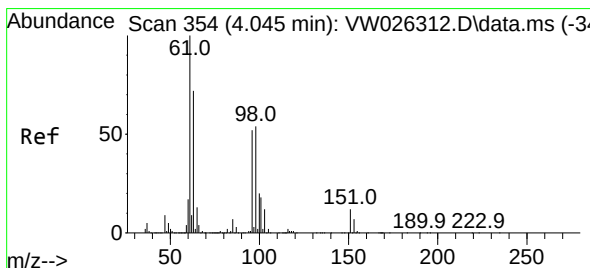
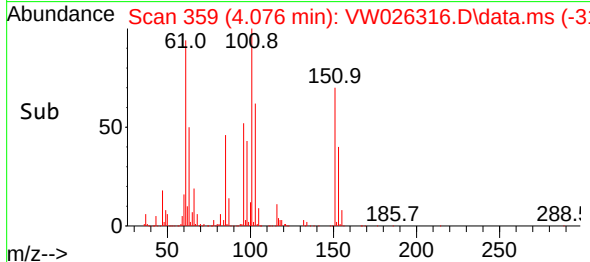
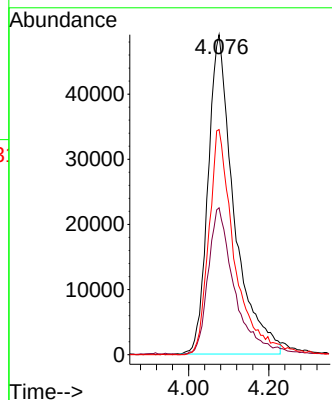
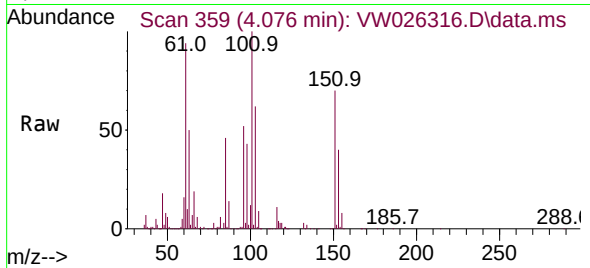




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.772 ug/L
 RT: 4.076 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VW026316.D
 Acq: 23 Jun 2023 12:23

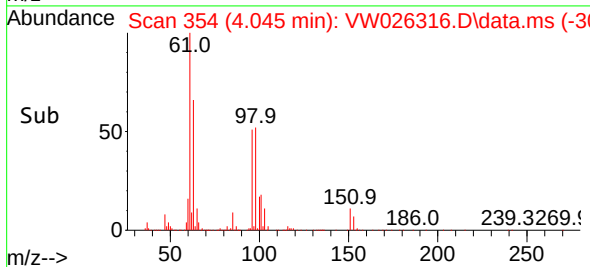
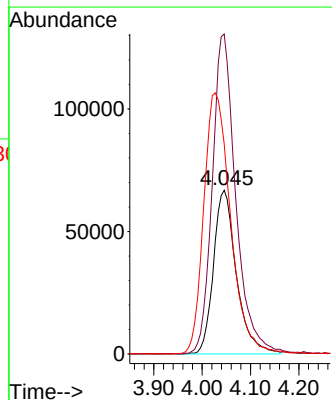
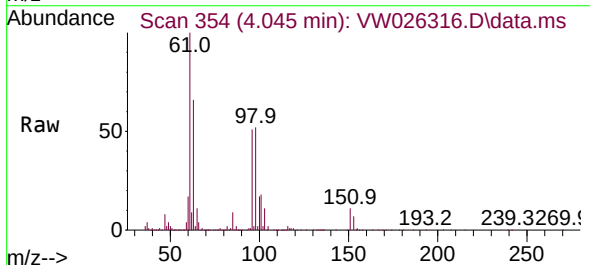
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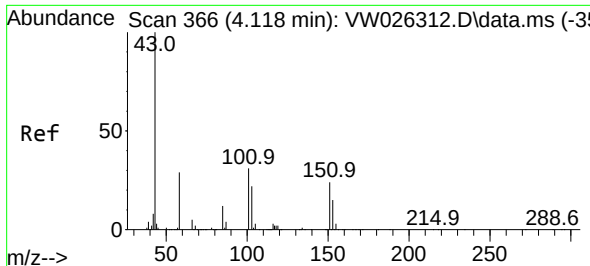
Tgt Ion:101 Resp: 220875
 Ion Ratio Lower Upper
 101 100
 85 45.1 36.1 54.1
 151 67.6 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 23.250 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.001 min
 Lab File: VW026316.D
 Acq: 23 Jun 2023 12:23

Tgt Ion: 96 Resp: 220179
 Ion Ratio Lower Upper
 96 100
 61 195.4 140.6 261.0
 63 128.3 131.7 244.5#





#13

Acetone

Concen: 64.768 ug/L

RT: 4.119 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW026316.D

Acq: 23 Jun 2023 12:23

Instrument :

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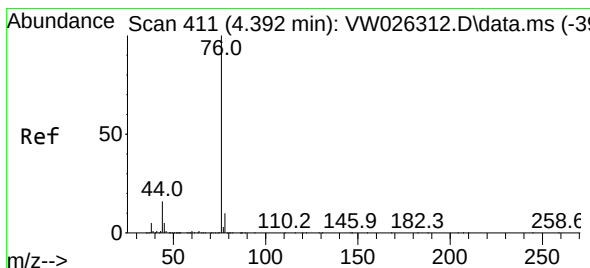
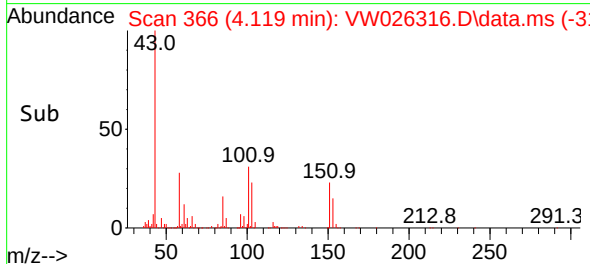
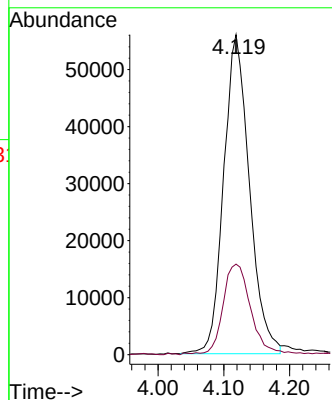
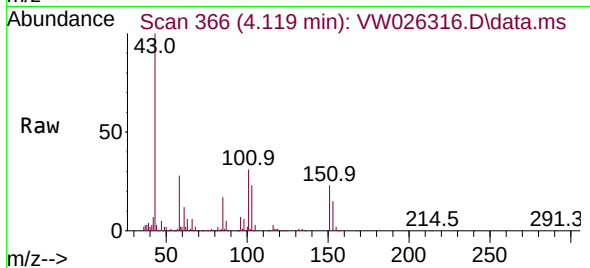
YBW43MSD

Tgt Ion: 43 Resp: 152672

Ion Ratio Lower Upper

43 100

58 28.8 0.0 58.2



#14

Carbon disulfide

Concen: 16.993 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW026316.D

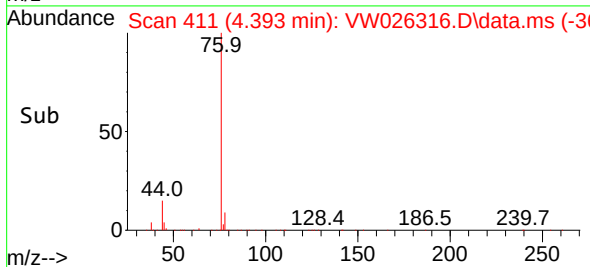
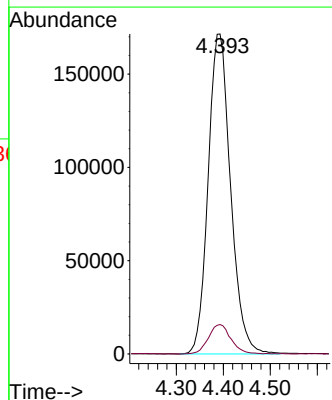
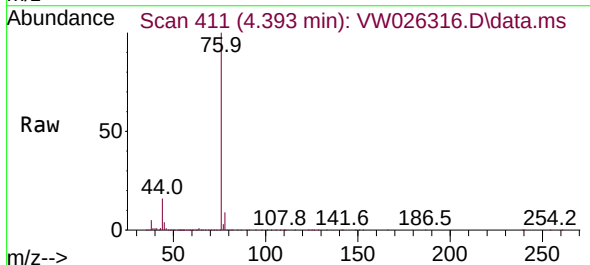
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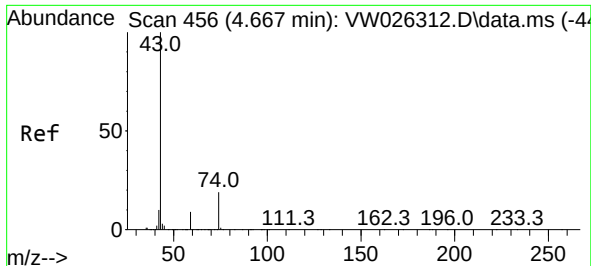
Tgt Ion: 76 Resp: 568082

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

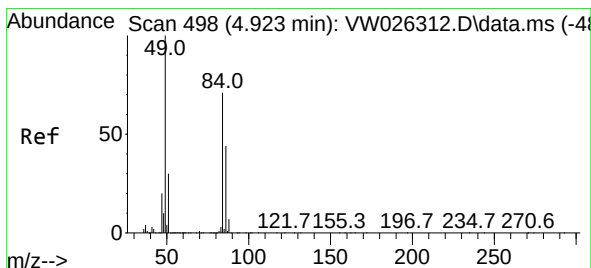
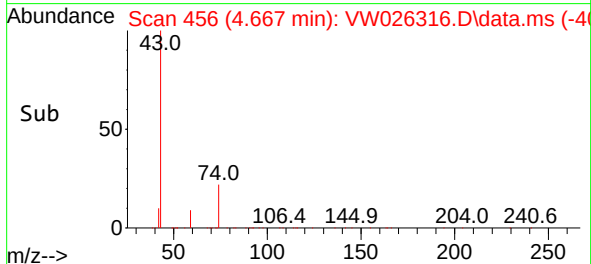
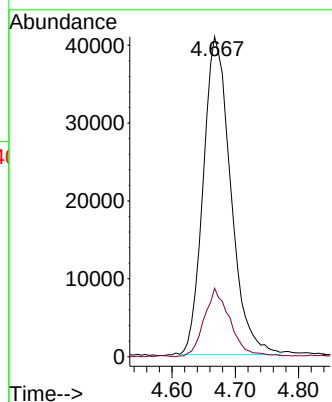
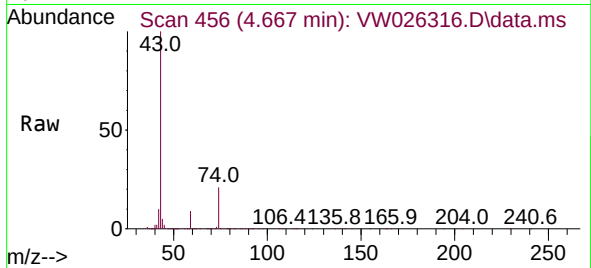




#15
Methyl Acetate
Concen: 23.281 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

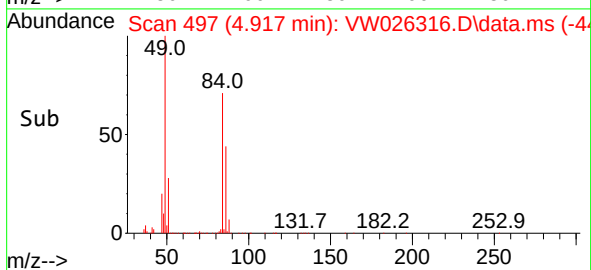
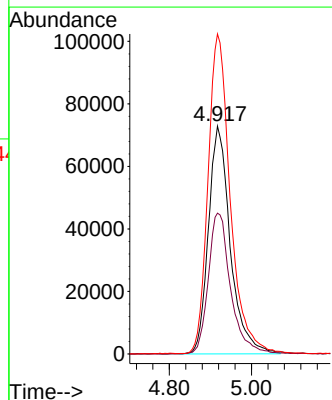
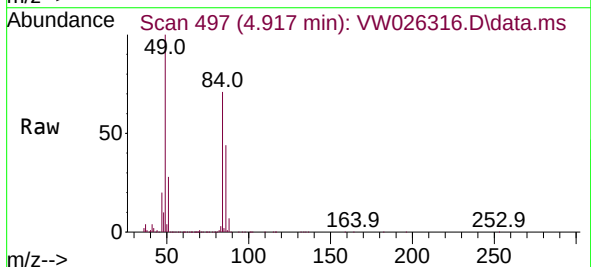
Instrument :
MSVOA_W
ClientSampleId :
YBW43MSD

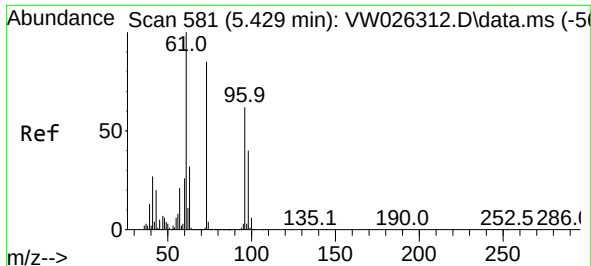
Tgt Ion: 43 Resp: 123165
Ion Ratio Lower Upper
43 100
74 20.3 16.6 25.0



#16
Methylene chloride
Concen: 22.711 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

Tgt Ion: 84 Resp: 269621
Ion Ratio Lower Upper
84 100
86 61.8 44.2 82.0
49 140.4 98.8 183.6

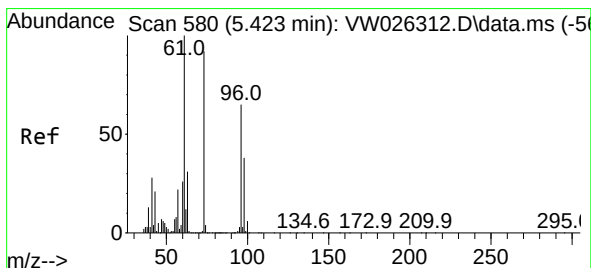
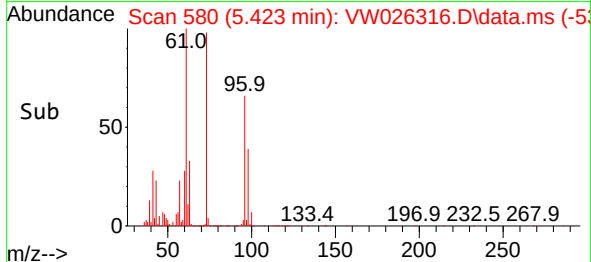
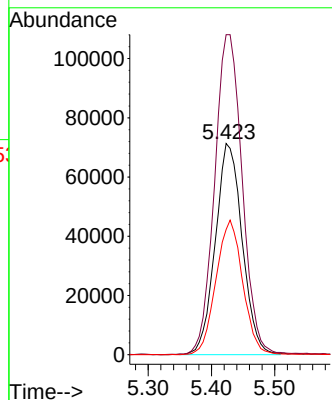
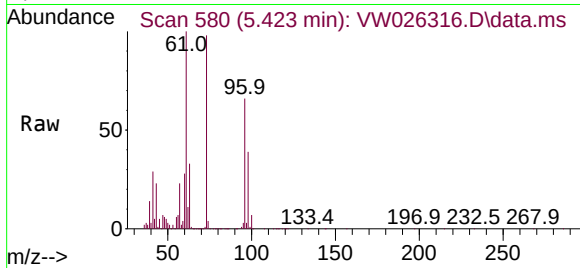




#17
trans-1,2-Dichloroethene
Concen: 19.827 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

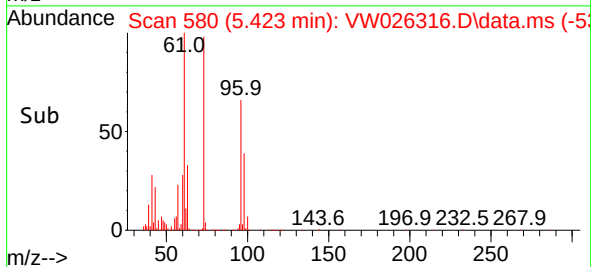
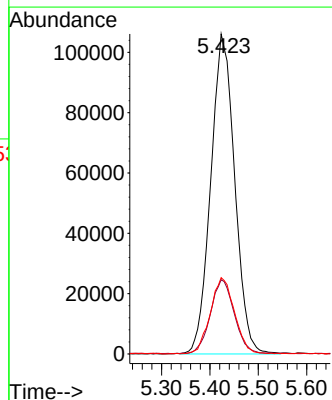
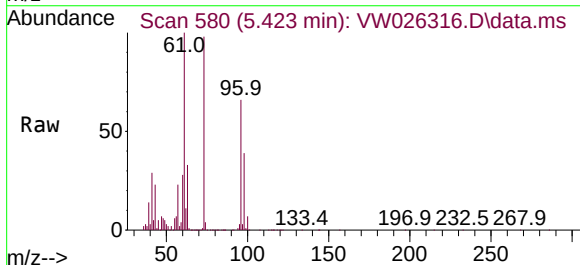
Instrument :
MSVOA_W
ClientSampleId :
YBW43MSD

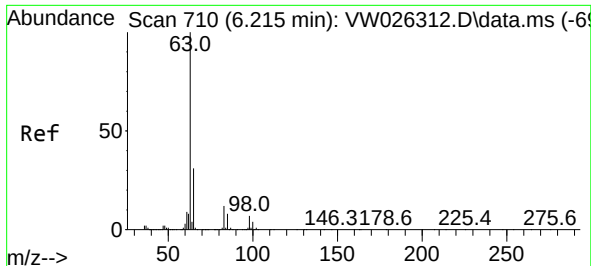
Tgt Ion: 96 Resp: 210663
Ion Ratio Lower Upper
96 100
61 151.6 113.0 209.8
98 59.3 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 21.803 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

Tgt Ion: 73 Resp: 365113
Ion Ratio Lower Upper
73 100
43 22.7 17.8 26.6
57 23.9 18.9 28.3





#19

1,1-Dichloroethane

Concen: 22.034 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026316.D

Acq: 23 Jun 2023 12:23

Instrument :

MSVOA_W

ClientSampleId :

YBW43MSD

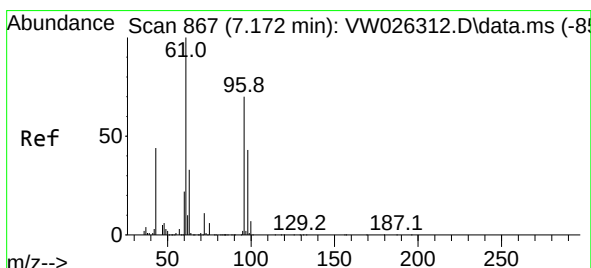
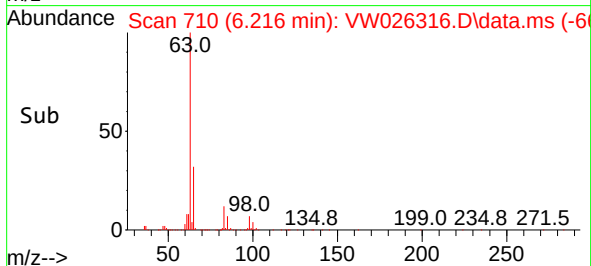
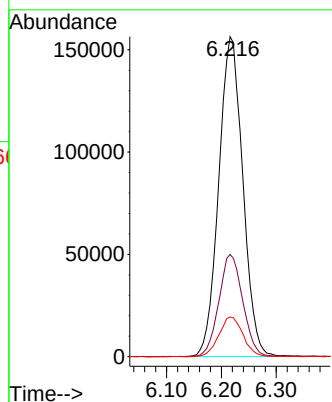
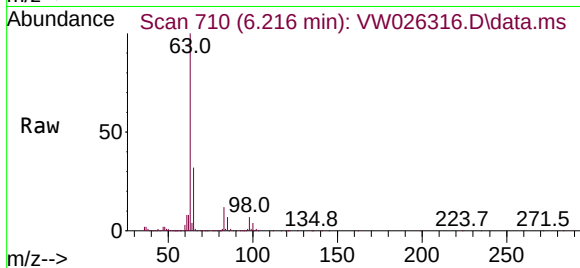
Tgt Ion: 63 Resp: 476631

Ion Ratio Lower Upper

63 100

65 32.0 22.3 41.5

83 12.4 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 21.475 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW026316.D

Acq: 23 Jun 2023 12:23

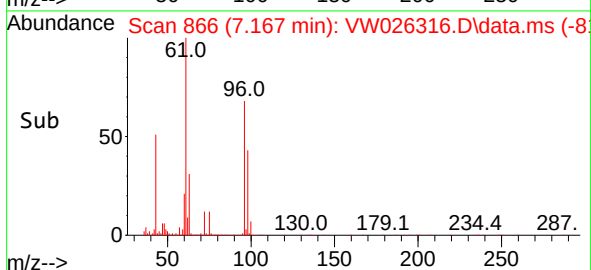
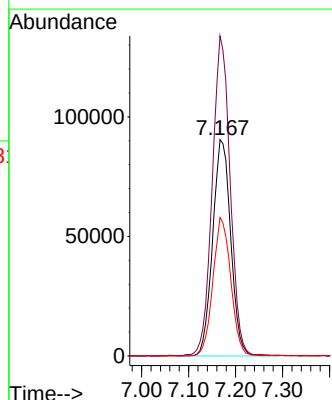
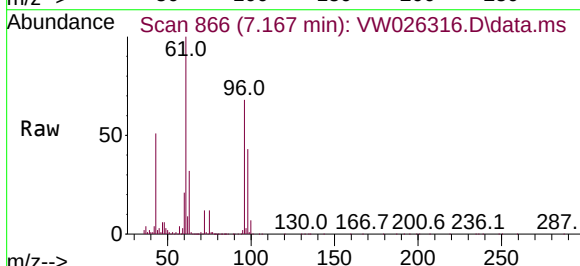
Tgt Ion: 96 Resp: 241693

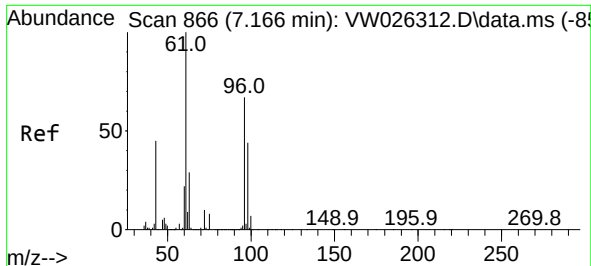
Ion Ratio Lower Upper

96 100

61 147.9 98.4 182.8

98 64.0 45.2 84.0

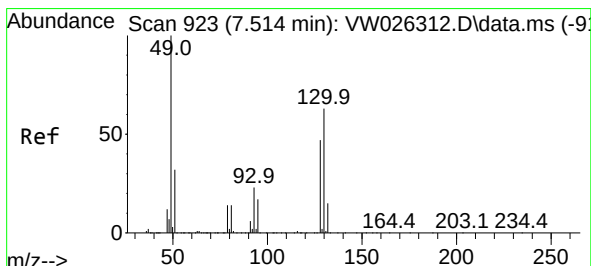
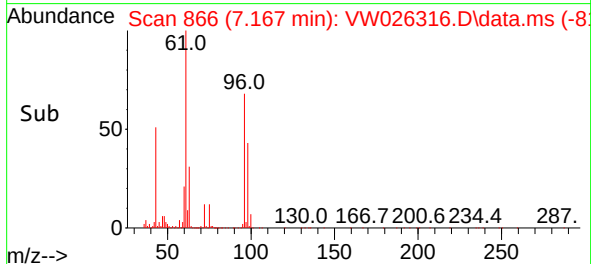
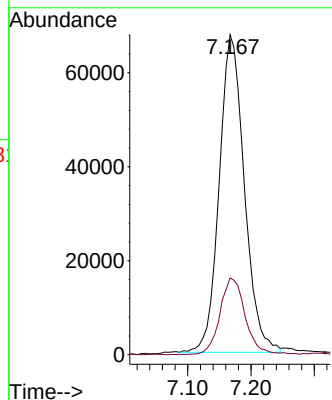
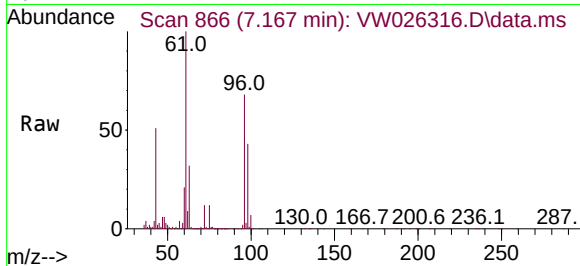




#22
2-Butanone
Concen: 55.432 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.001 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

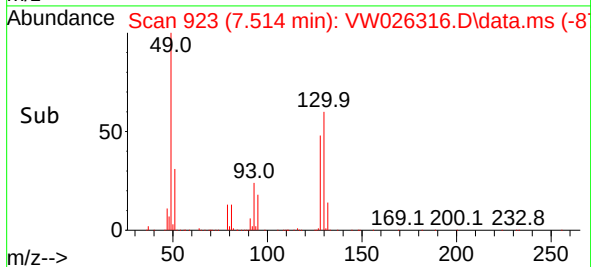
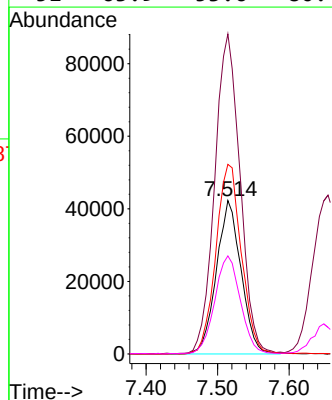
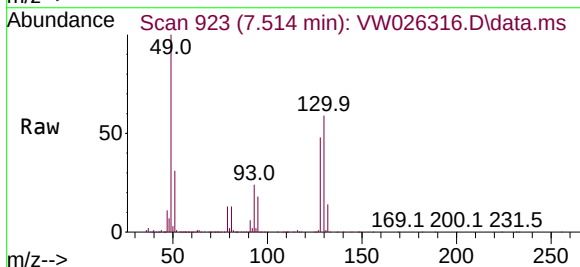
Instrument :
MSVOA_W
ClientSampleId :
YBW43MSD

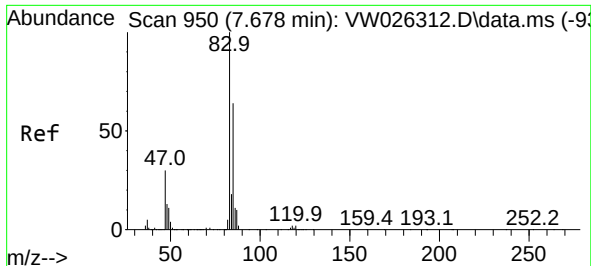
Tgt Ion: 43 Resp: 186390
Ion Ratio Lower Upper
43 100
72 24.2 12.4 37.4



#23
Bromochloromethane
Concen: 21.101 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.001 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

Tgt Ion: 128 Resp: 101282
Ion Ratio Lower Upper
128 100
49 208.6 140.6 261.0
130 123.6 86.0 159.6
51 63.9 53.6 80.4

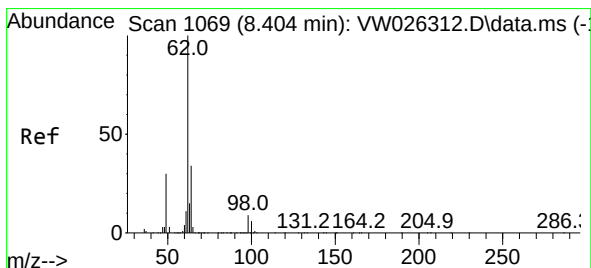
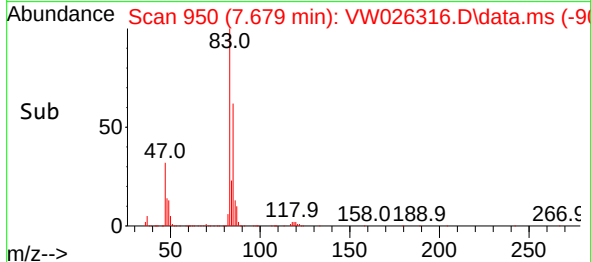
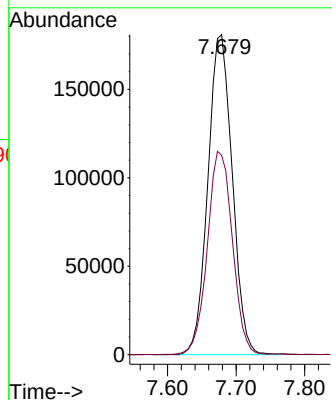
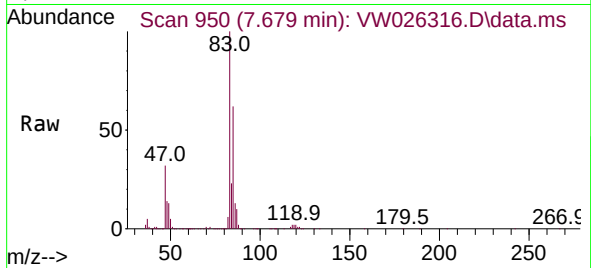




#25
Chloroform
Concen: 22.198 ug/L
RT: 7.679 min Scan# 911
Delta R.T. 0.000 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

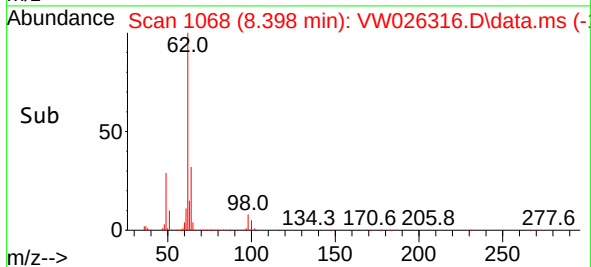
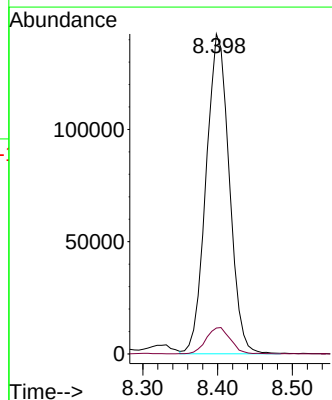
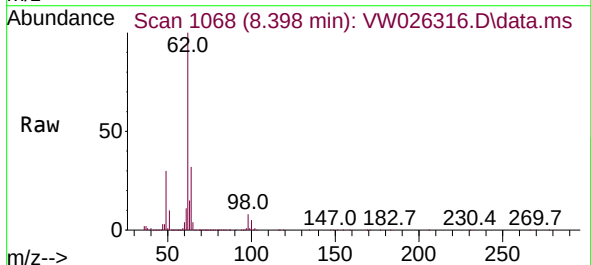
Instrument :
MSVOA_W
ClientSampleId :
YBW43MSD

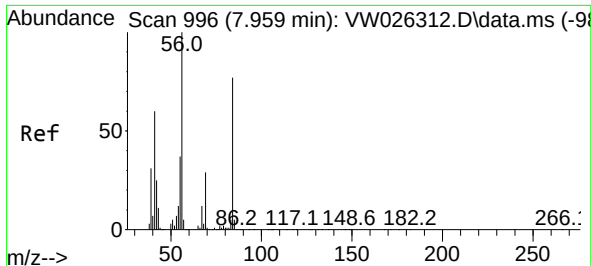
Tgt Ion: 83 Resp: 447237
Ion Ratio Lower Upper
83 100
85 62.3 45.1 83.7



#27
1,2-Dichloroethane
Concen: 22.129 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

Tgt Ion: 62 Resp: 307498
Ion Ratio Lower Upper
62 100
98 8.1 7.4 11.2

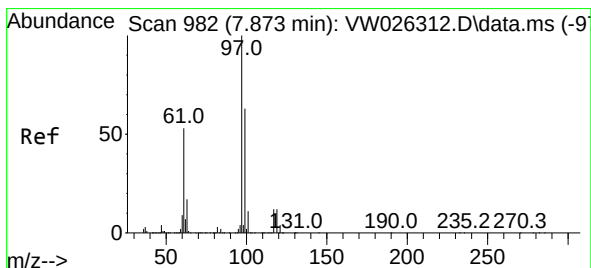
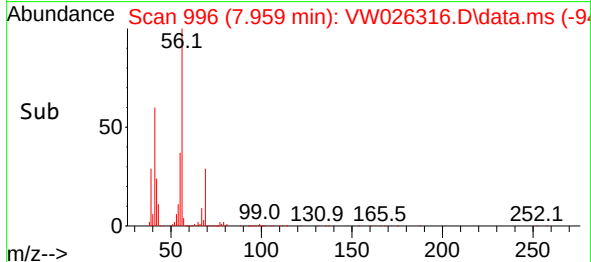
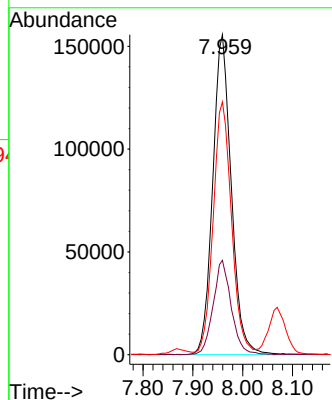
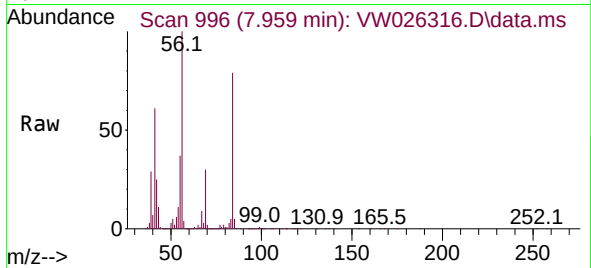




#29
Cyclohexane
Concen: 20.554 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

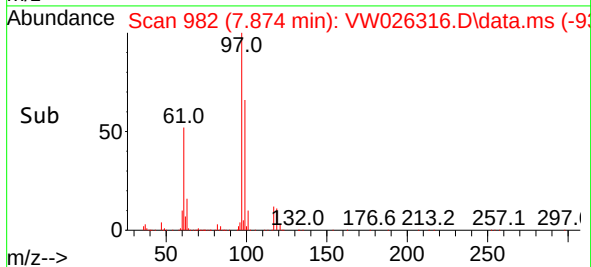
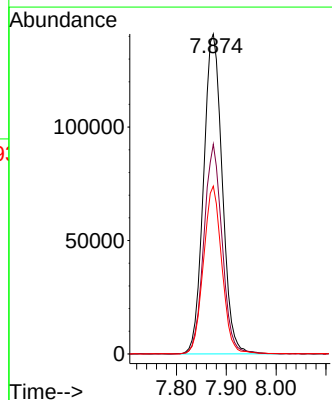
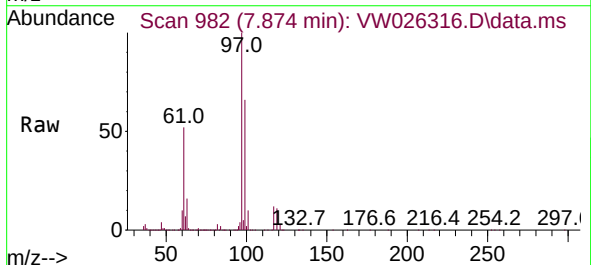
Instrument :
MSVOA_W
ClientSampleId :
YBW43MSD

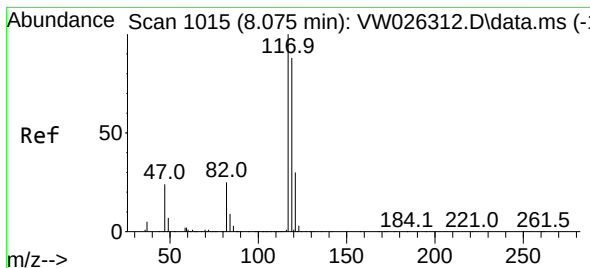
Tgt Ion: 56 Resp: 402365
Ion Ratio Lower Upper
56 100
69 28.8 23.3 34.9
84 78.1 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 23.851 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

Tgt Ion: 97 Resp: 367011
Ion Ratio Lower Upper
97 100
99 63.9 50.6 76.0
61 51.6 40.5 60.7





#31

Carbon tetrachloride

Concen: 22.178 ug/L

RT: 8.069 min Scan# 1015

Delta R.T. -0.006 min

Lab File: VW026316.D

Acq: 23 Jun 2023 12:23

Instrument :

MSVOA_W

ClientSampleId :

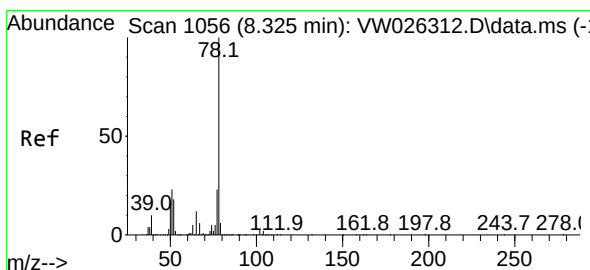
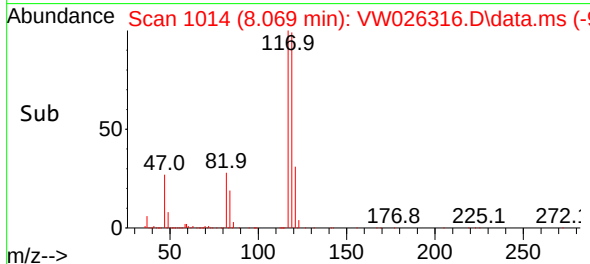
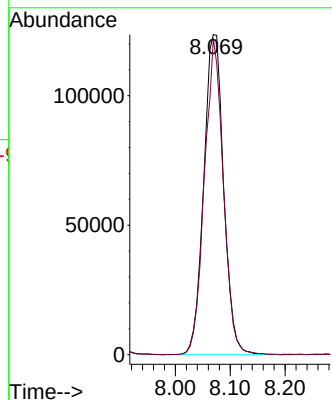
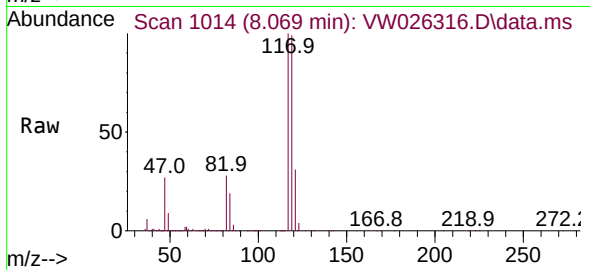
YBW43MSD

Tgt Ion:117 Resp: 311415

Ion Ratio Lower Upper

117 100

119 93.6 77.4 116.2



#33

Benzene

Concen: 22.056 ug/L

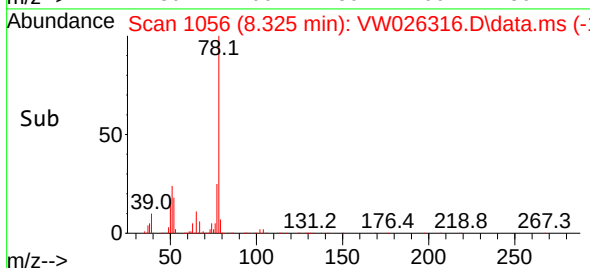
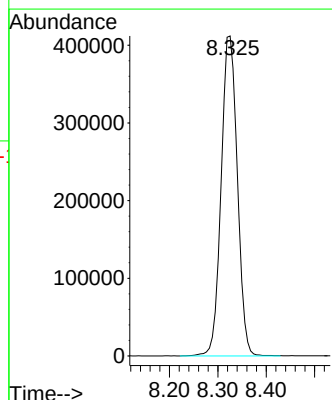
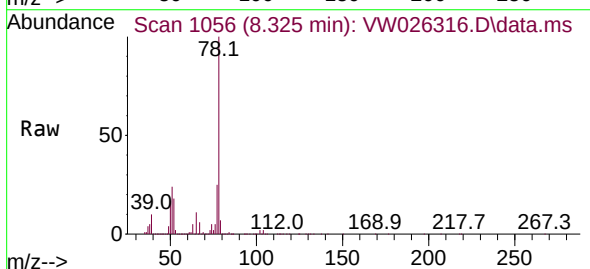
RT: 8.325 min Scan# 1056

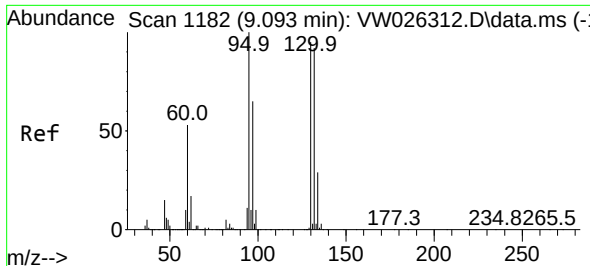
Delta R.T. 0.001 min

Lab File: VW026316.D

Acq: 23 Jun 2023 12:23

Tgt Ion: 78 Resp: 958062

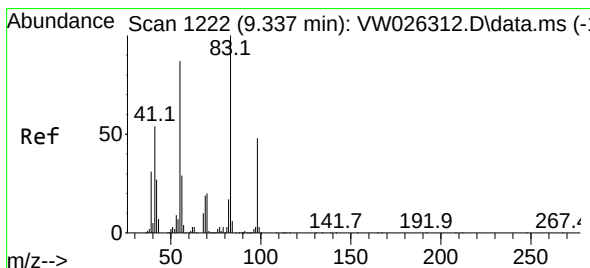
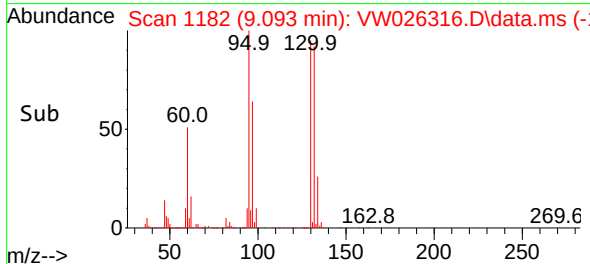
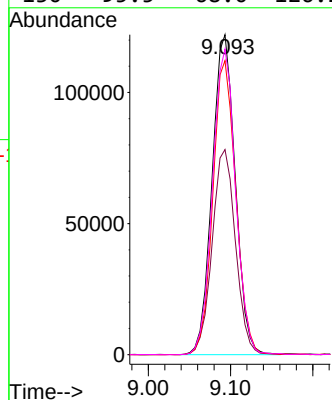
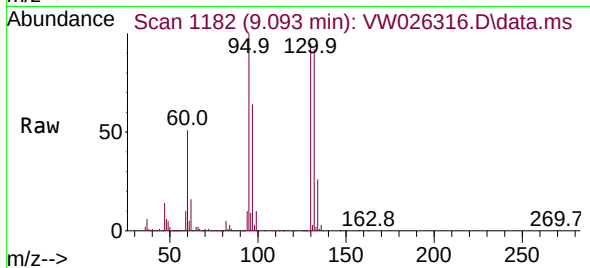




#34
Trichloroethene
Concen: 21.473 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.001 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

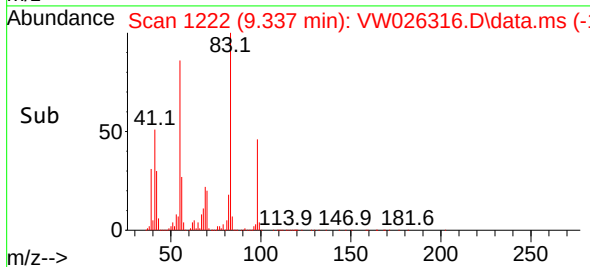
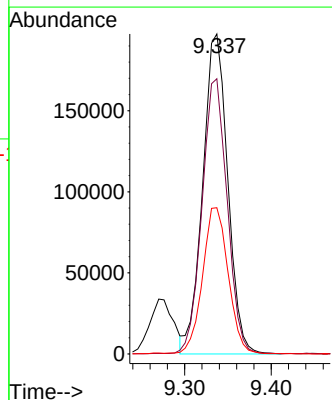
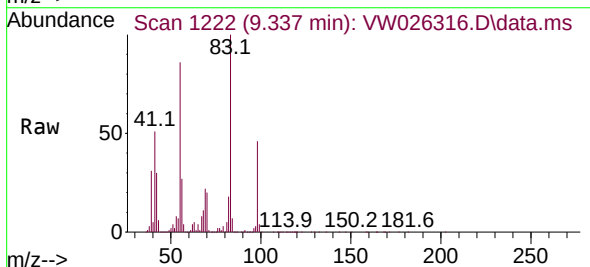
Instrument :
MSVOA_W
ClientSampleId :
YBW43MSD

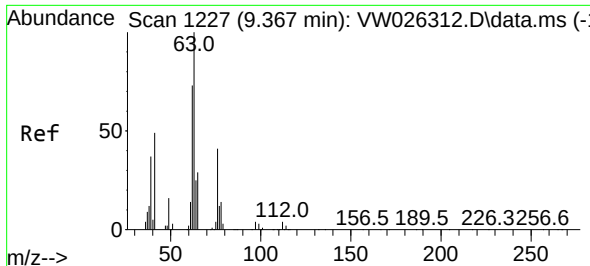
Tgt Ion: 95 Resp: 238837
Ion Ratio Lower Upper
95 100
97 64.1 45.9 85.3
132 91.9 67.1 124.7
130 95.5 68.0 126.2



#35
Methylcyclohexane
Concen: 20.141 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

Tgt Ion: 83 Resp: 396409
Ion Ratio Lower Upper
83 100
55 86.4 68.2 102.4
98 46.8 38.1 57.1

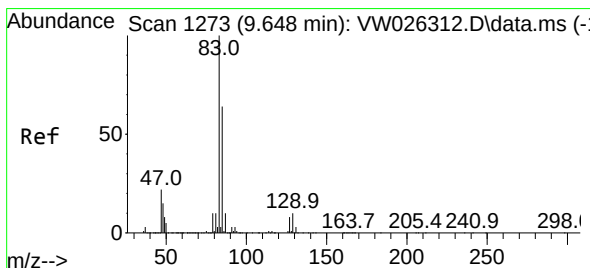
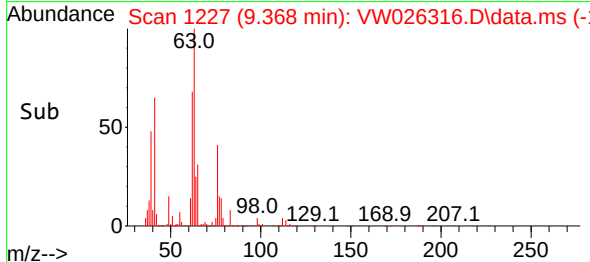
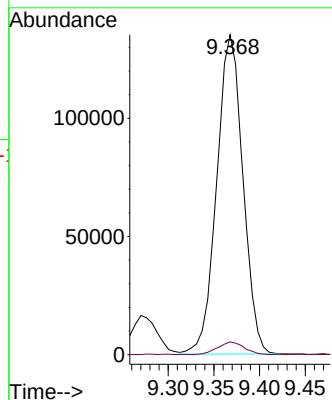
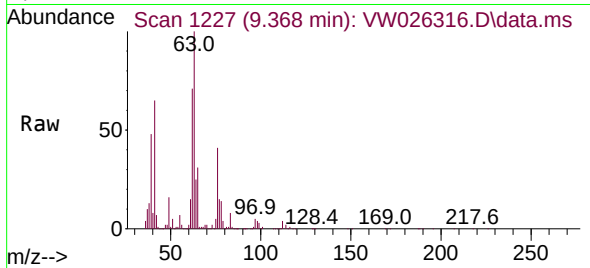




#37
1,2-Dichloropropane
Concen: 22.920 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.001 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

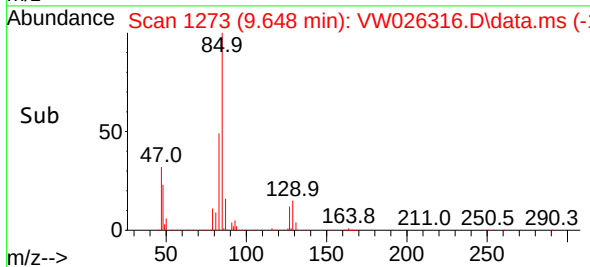
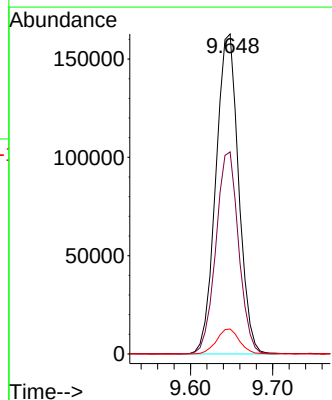
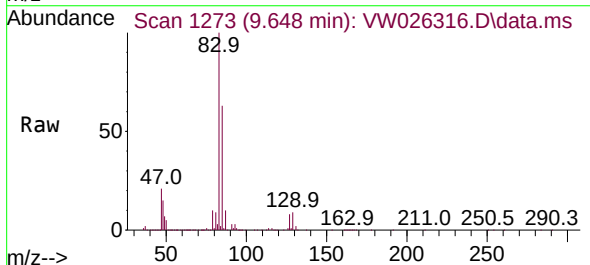
Instrument :
MSVOA_W
ClientSampleId :
YBW43MSD

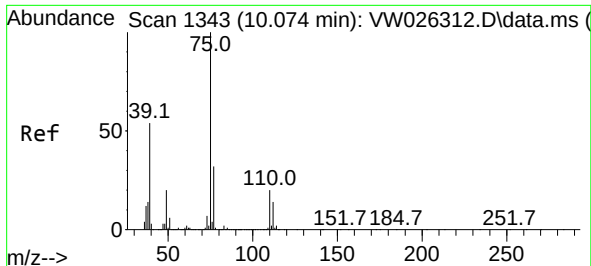
Tgt Ion: 63 Resp: 269657
Ion Ratio Lower Upper
63 100
112 3.9 3.3 4.9



#38
Bromodichloromethane
Concen: 22.938 ug/L
RT: 9.648 min Scan# 1273
Delta R.T. 0.001 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

Tgt Ion: 83 Resp: 313528
Ion Ratio Lower Upper
83 100
85 63.1 44.2 82.0
127 7.8 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 21.973 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.001 min

Lab File: VW026316.D

Acq: 23 Jun 2023 12:23

Instrument :

MSVOA_W

ClientSampleId :

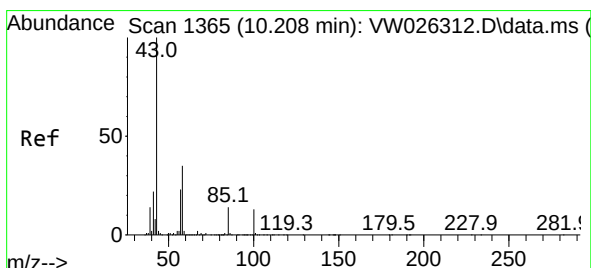
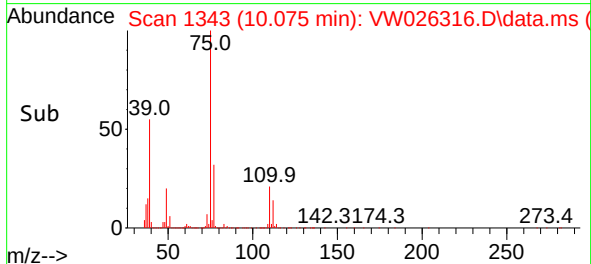
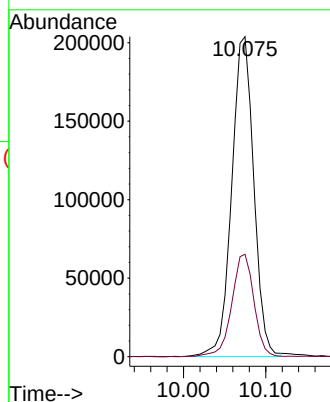
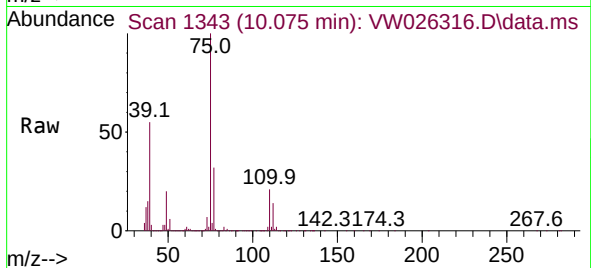
YBW43MSD

Tgt Ion: 75 Resp: 379906

Ion Ratio Lower Upper

75 100

77 32.0 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 52.041 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026316.D

Acq: 23 Jun 2023 12:23

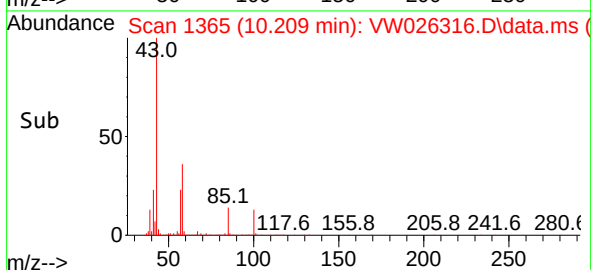
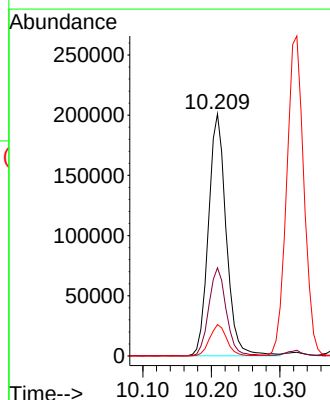
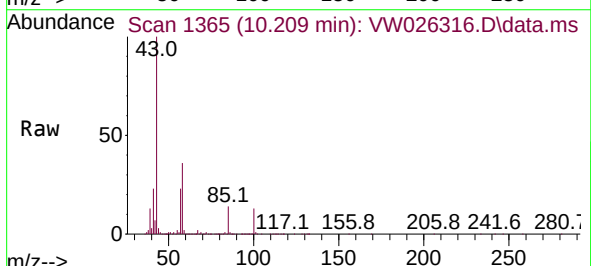
Tgt Ion: 43 Resp: 360977

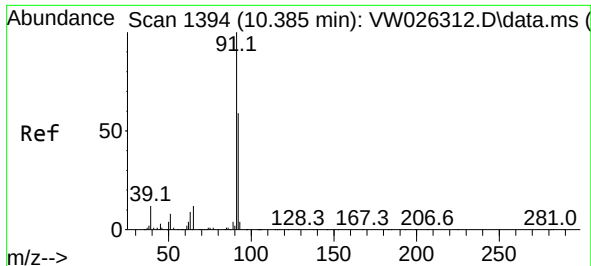
Ion Ratio Lower Upper

43 100

58 35.9 29.0 43.4

100 12.6 10.5 15.7





#42

Toluene

Concen: 22.145 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026316.D

Acq: 23 Jun 2023 12:23

Instrument :

MSVOA_W

ClientSampleId :

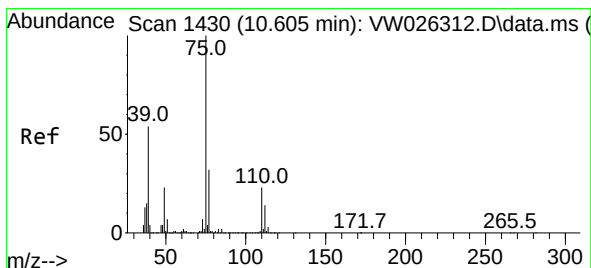
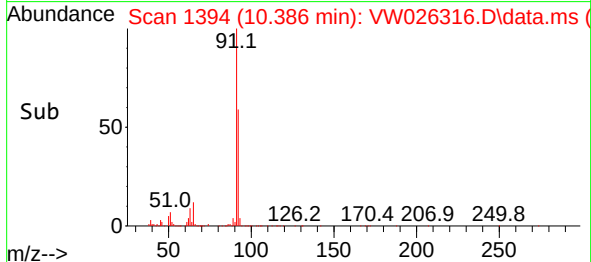
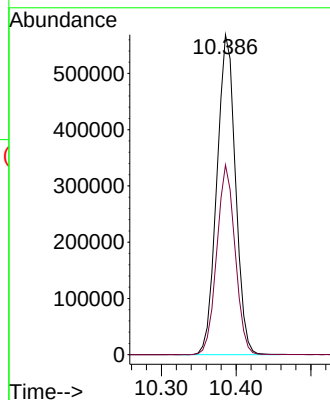
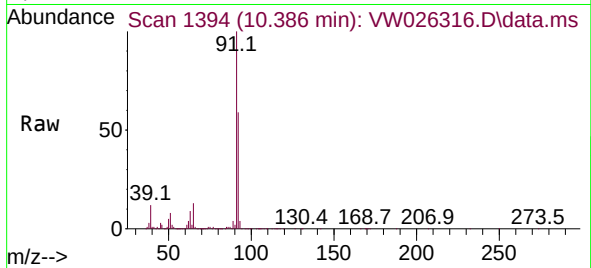
YBW43MSD

Tgt Ion: 91 Resp: 983866

Ion Ratio Lower Upper

91 100

92 59.3 42.2 78.4



#44

trans-1,3-Dichloropropene

Concen: 22.233 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.001 min

Lab File: VW026316.D

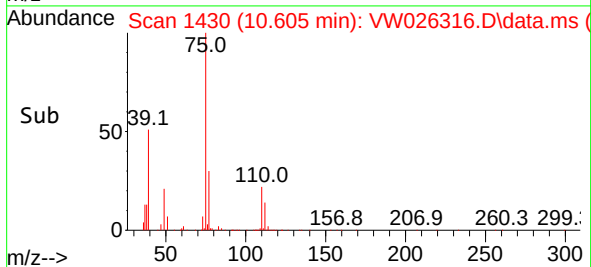
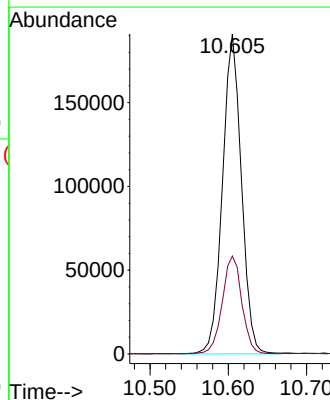
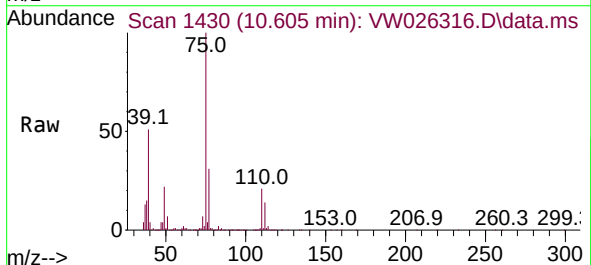
Acq: 23 Jun 2023 12:23

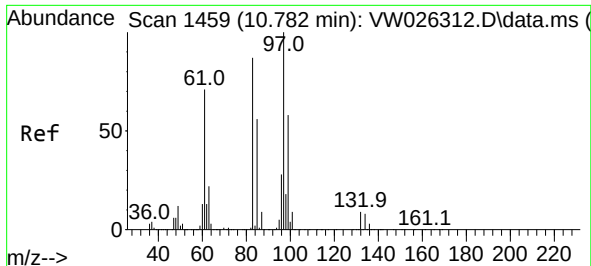
Tgt Ion: 75 Resp: 320237

Ion Ratio Lower Upper

75 100

77 30.6 21.1 39.3



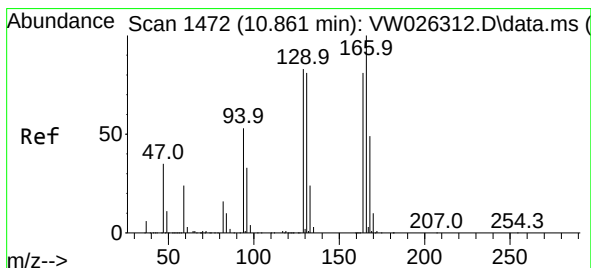
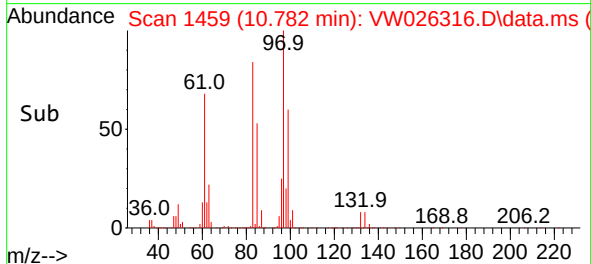
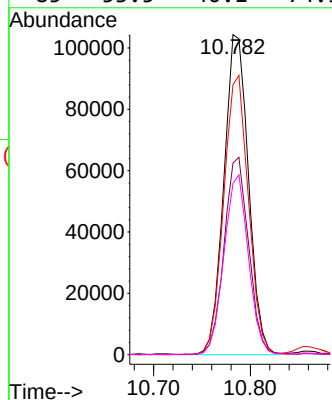
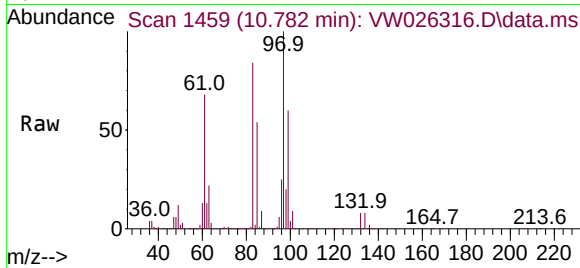


#45
1,1,2-Trichloroethane
Concen: 23.780 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

Instrument :
MSVOA_W
ClientSampleId :
YBW43MSD

Tgt Ion: 97 Resp: 184392

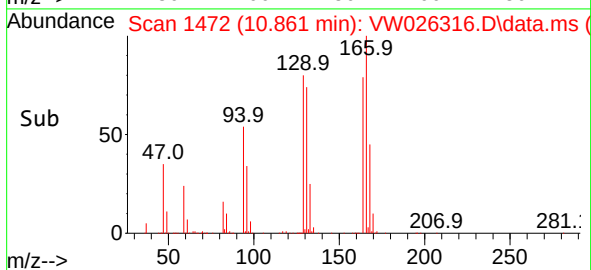
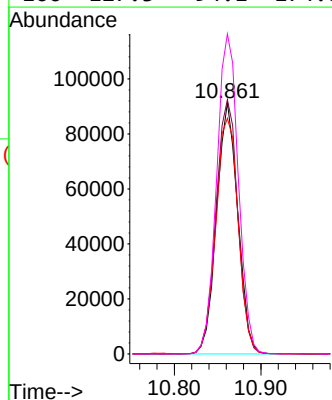
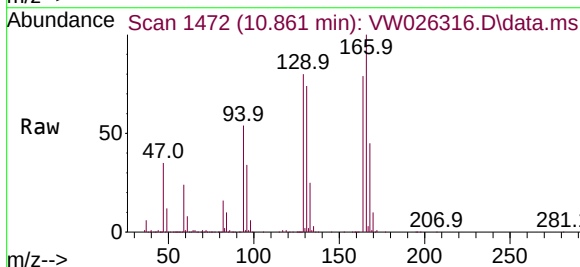
Ion	Ratio	Lower	Upper
97	100		
99	59.9	43.3	80.5
83	84.4	62.9	116.9
85	53.5	40.1	74.5

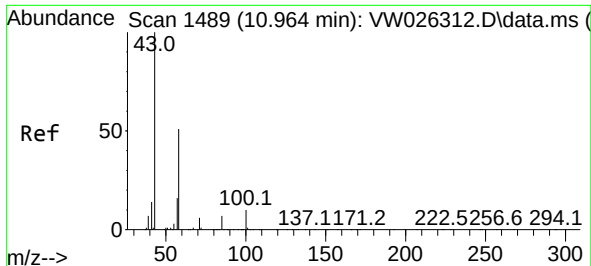


#46
Tetrachloroethene
Concen: 19.815 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.001 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

Tgt Ion: 164 Resp: 155890

Ion	Ratio	Lower	Upper
164	100		
129	101.2	68.5	127.1
131	93.8	67.1	124.7
166	127.3	94.1	174.8



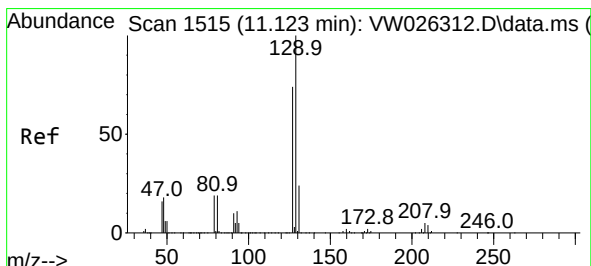
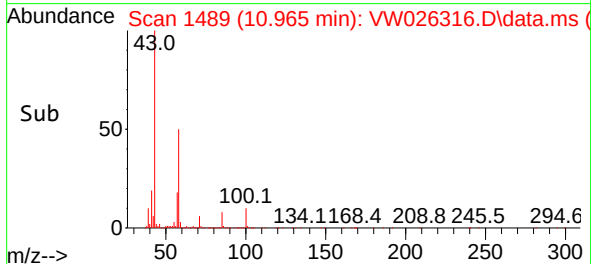
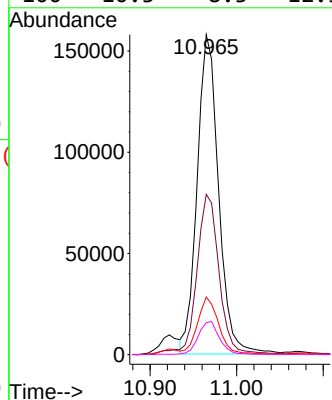
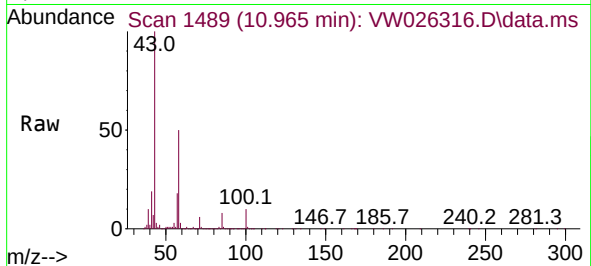


#48
2-Hexanone
Concen: 55.548 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

Instrument :
MSVOA_W
ClientSampleId :
YBW43MSD

Tgt Ion: 43 Resp: 271671

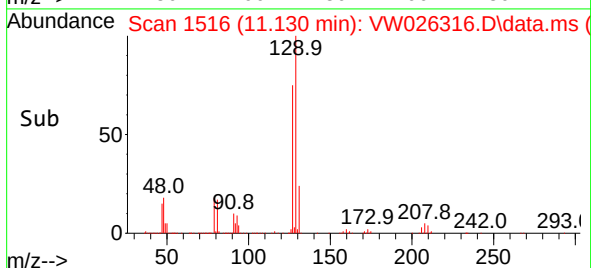
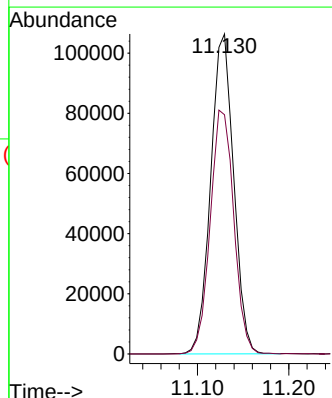
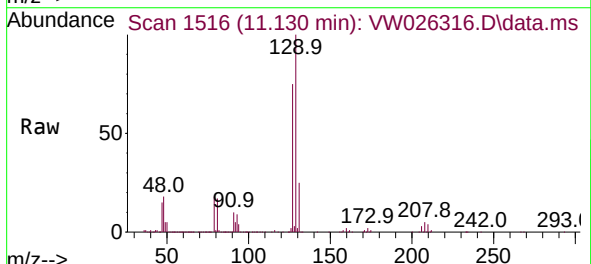
Ion	Ratio	Lower	Upper
43	100		
58	52.5	42.2	63.2
57	17.5	14.2	21.2
100	10.3	8.3	12.5

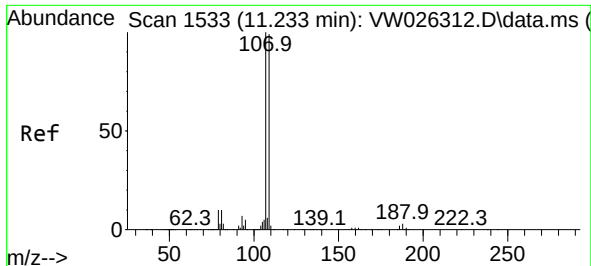


#49
Dibromochloromethane
Concen: 22.843 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

Tgt Ion: 129 Resp: 185702

Ion	Ratio	Lower	Upper
129	100		
127	74.7	56.9	105.7





#50

1,2-Dibromoethane

Concen: 22.092 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.001 min

Lab File: VW026316.D

Acq: 23 Jun 2023 12:23

Instrument :

MSVOA_W

ClientSampleId :

YBW43MSD

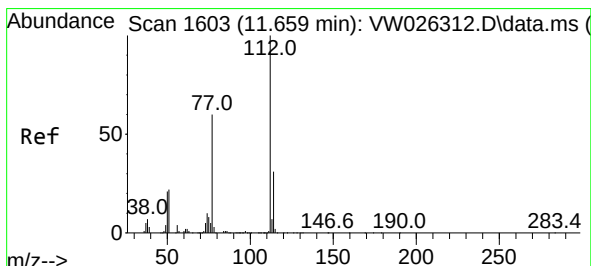
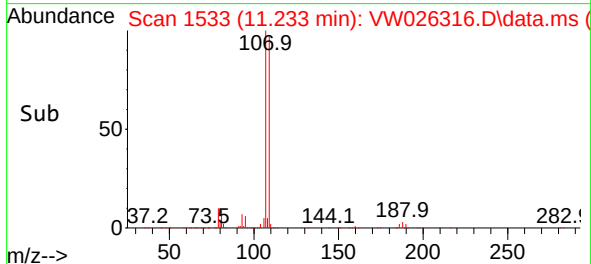
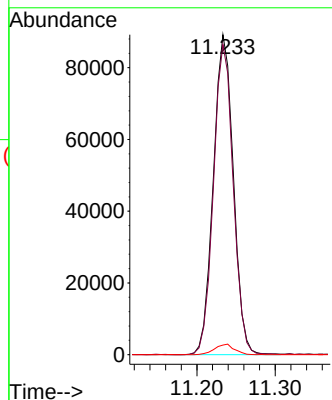
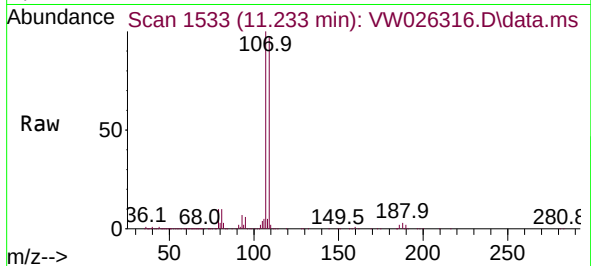
Tgt Ion:107 Resp: 158610

Ion Ratio Lower Upper

107 100

109 96.9 64.0 119.0

188 3.0 2.6 3.8



#51

Chlorobenzene

Concen: 21.121 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VW026316.D

Acq: 23 Jun 2023 12:23

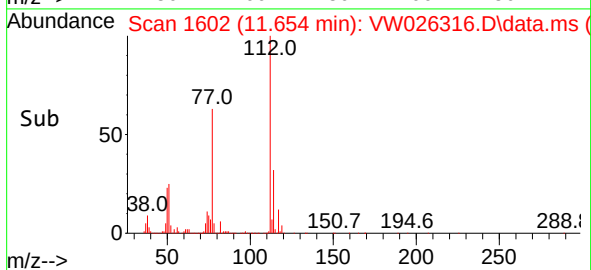
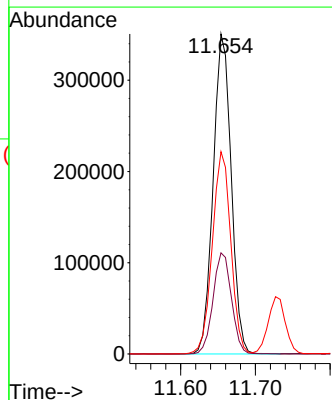
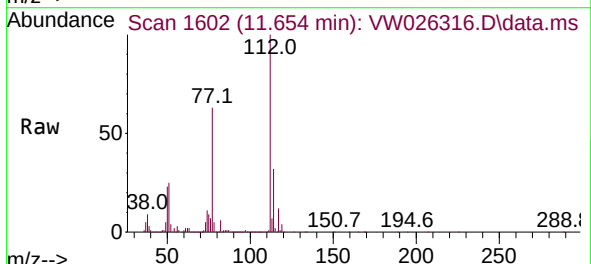
Tgt Ion:112 Resp: 588016

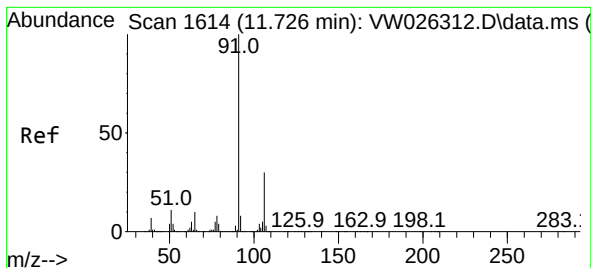
Ion Ratio Lower Upper

112 100

114 31.6 23.0 42.6

77 63.2 50.9 76.3

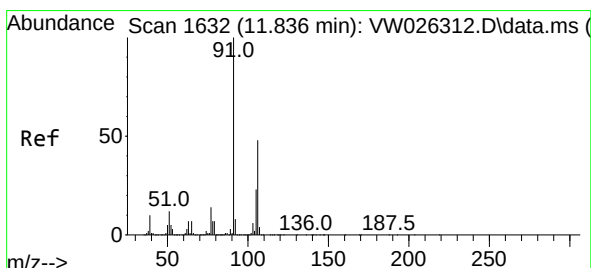
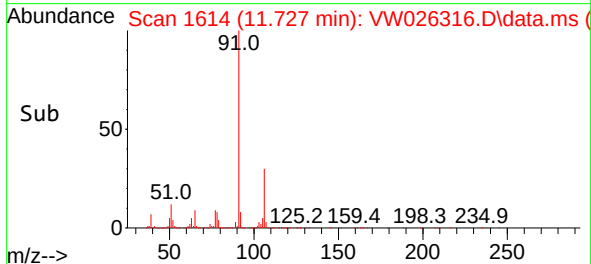
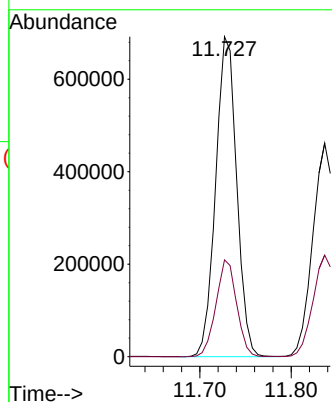
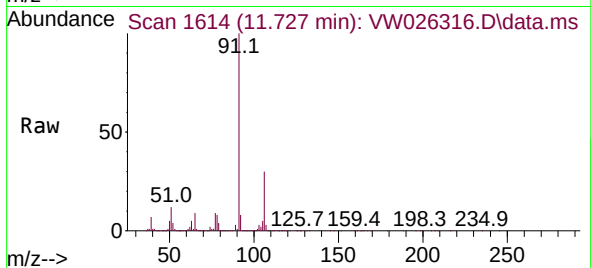




#52
Ethylbenzene
Concen: 22.094 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

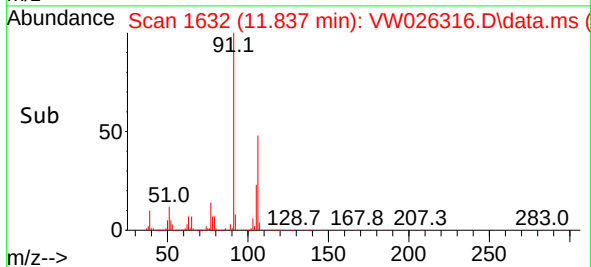
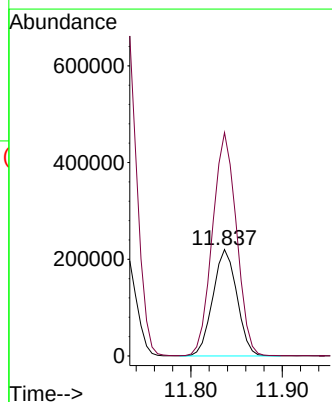
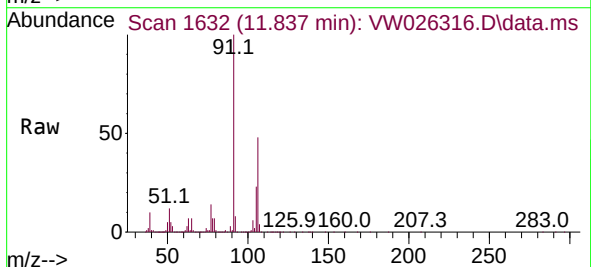
Instrument :
MSVOA_W
ClientSampleId :
YBW43MSD

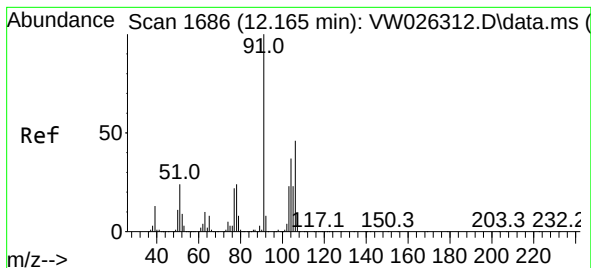
Tgt Ion: 91 Resp: 1107298
Ion Ratio Lower Upper
91 100
106 30.3 21.2 39.4



#53
m,p-Xylene
Concen: 21.669 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.001 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

Tgt Ion:106 Resp: 404014
Ion Ratio Lower Upper
106 100
91 210.0 149.5 277.7

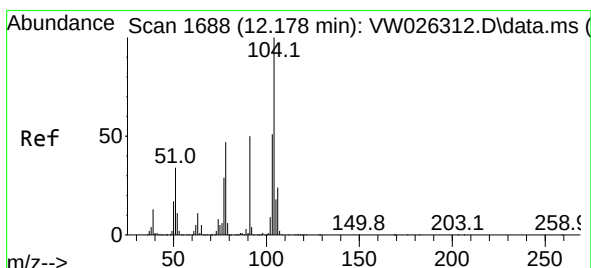
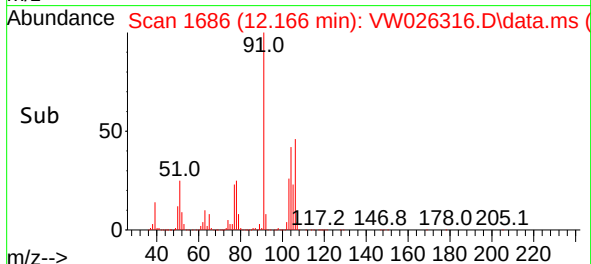
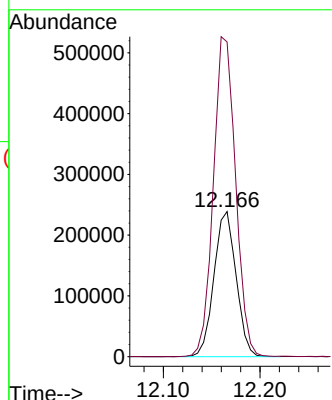
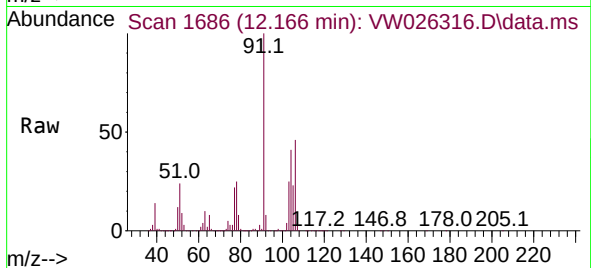




#54
o-Xylene
Concen: 21.540 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

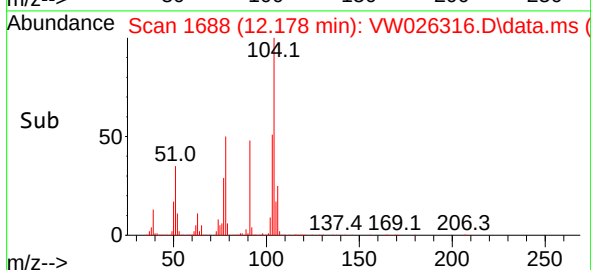
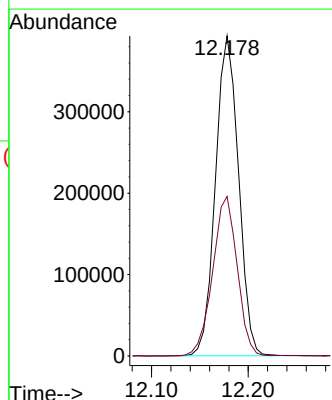
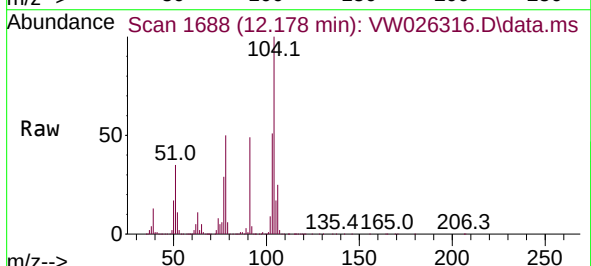
Instrument :
MSVOA_W
ClientSampleId :
YBW43MSD

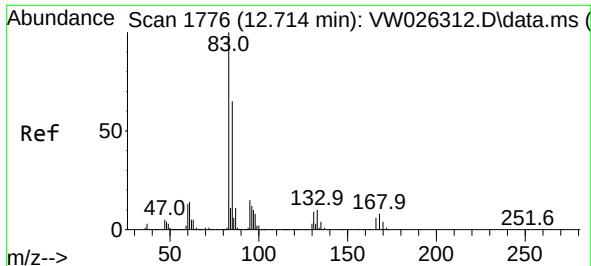
Tgt Ion:106 Resp: 379047
Ion Ratio Lower Upper
106 100
91 216.9 150.9 280.3



#55
Styrene
Concen: 21.571 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.001 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

Tgt Ion:104 Resp: 651227
Ion Ratio Lower Upper
104 100
78 49.8 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 24.025 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026316.D

Acq: 23 Jun 2023 12:23

Instrument :

MSVOA_W

ClientSampleId :

YBW43MSD

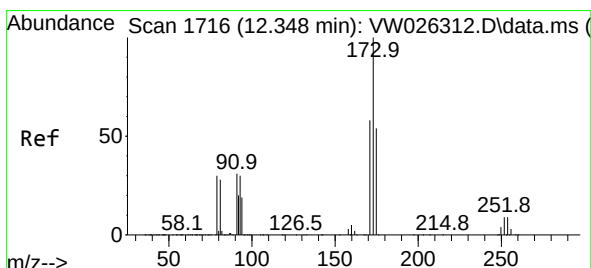
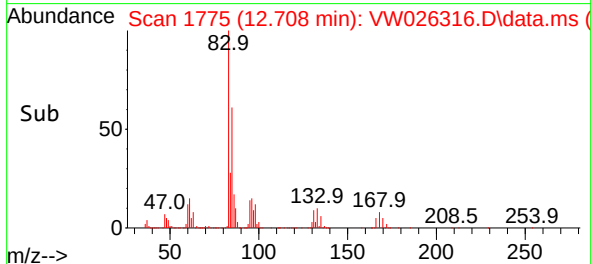
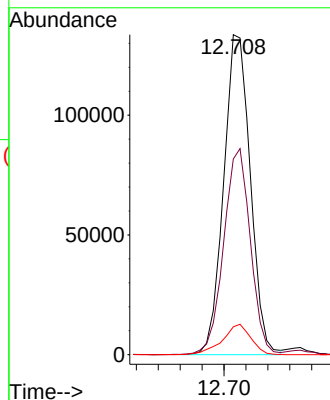
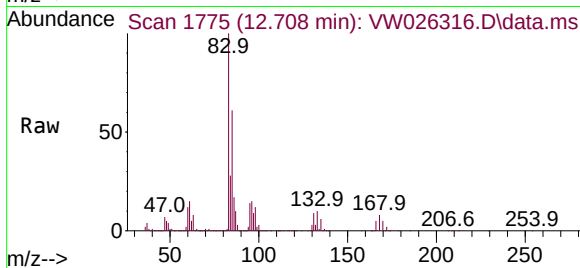
Tgt Ion: 83 Resp: 225447

Ion Ratio Lower Upper

83 100

85 61.1 42.6 79.0

131 8.7 7.2 10.8



#59

Bromoform

Concen: 22.296 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.001 min

Lab File: VW026316.D

Acq: 23 Jun 2023 12:23

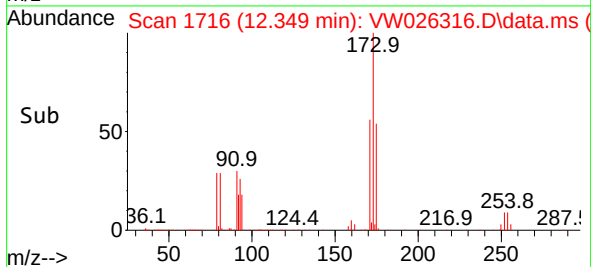
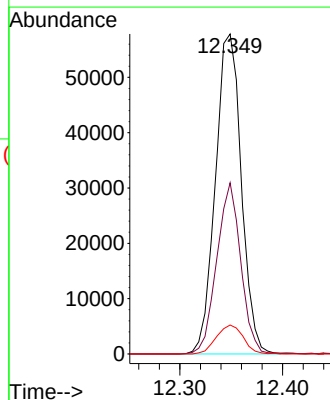
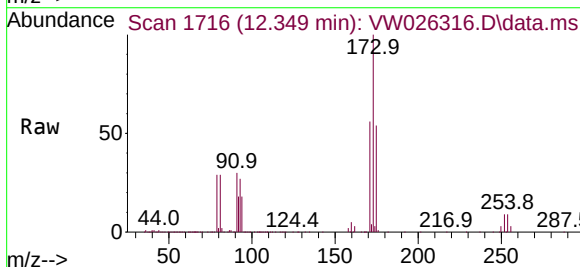
Tgt Ion: 173 Resp: 101204

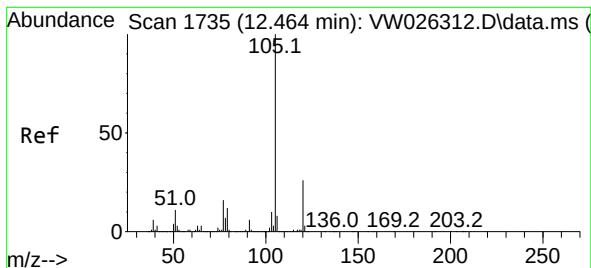
Ion Ratio Lower Upper

173 100

175 49.5 38.6 57.8

254 9.4 7.4 11.0

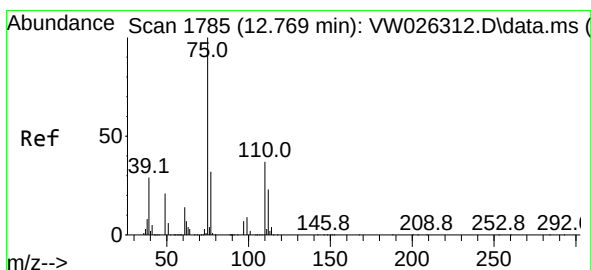
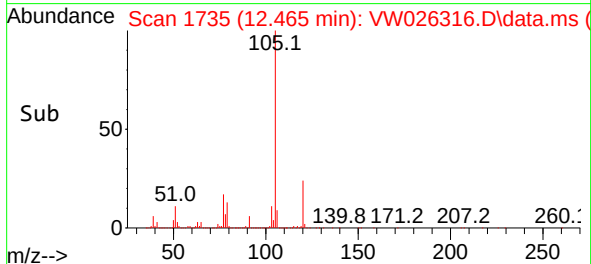
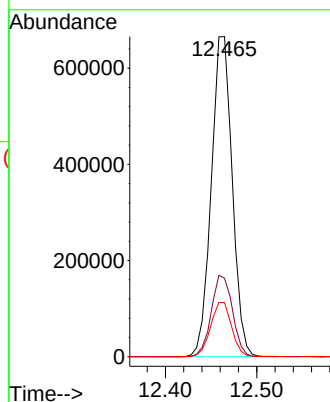
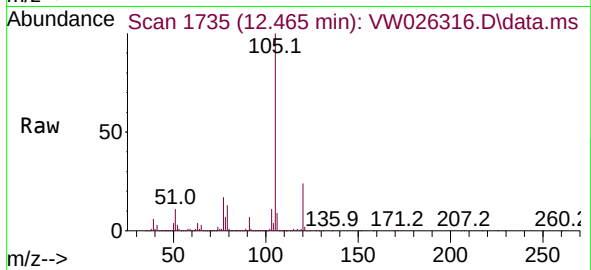




#60
Isopropylbenzene
Concen: 22.289 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

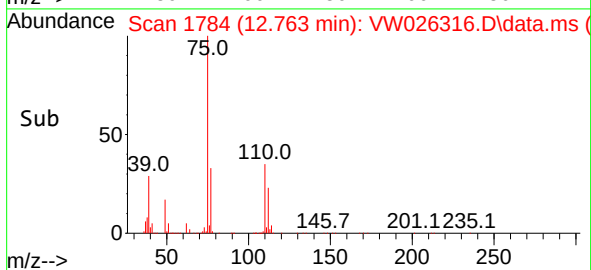
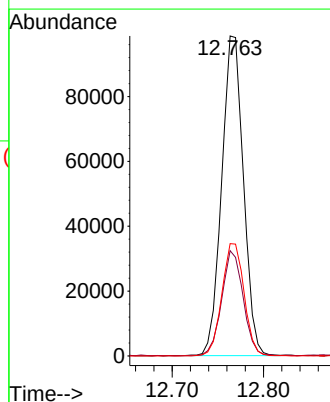
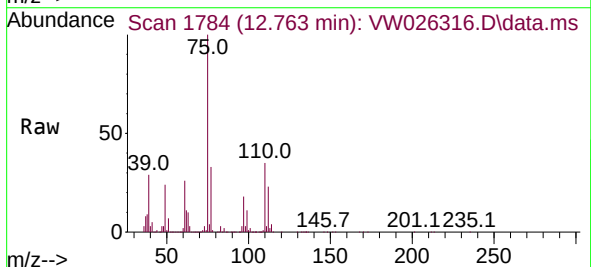
Instrument :
MSVOA_W
ClientSampleId :
YBW43MSD

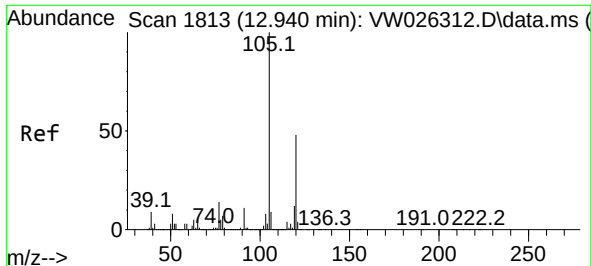
Tgt Ion:105 Resp: 1058126
Ion Ratio Lower Upper
105 100
120 25.7 19.8 29.8
77 17.0 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 24.095 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW026316.D
Acq: 23 Jun 2023 12:23

Tgt Ion: 75 Resp: 163108
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
110 35.9 28.7 43.1





#62

1,3,5-Trimethylbenzene

Concen: 22.203 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026316.D

Acq: 23 Jun 2023 12:23

Instrument :

MSVOA_W

ClientSampleId :

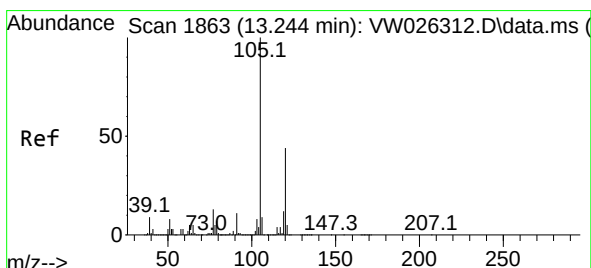
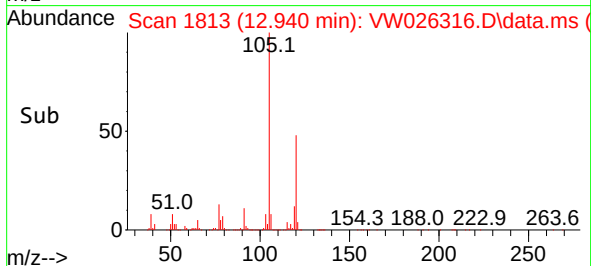
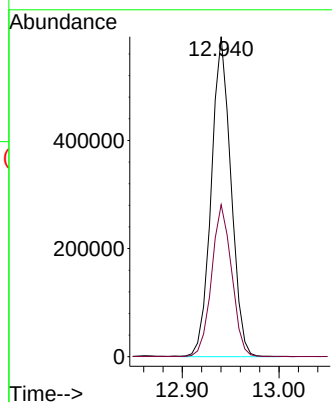
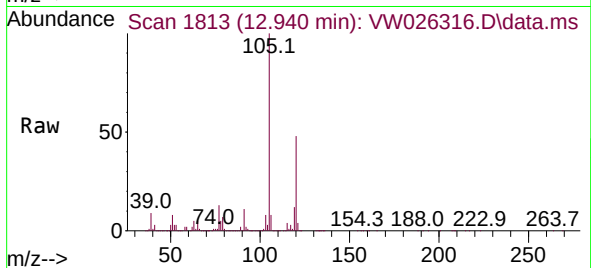
YBW43MSD

Tgt Ion:105 Resp: 837949

Ion Ratio Lower Upper

105 100

120 48.2 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 21.818 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.001 min

Lab File: VW026316.D

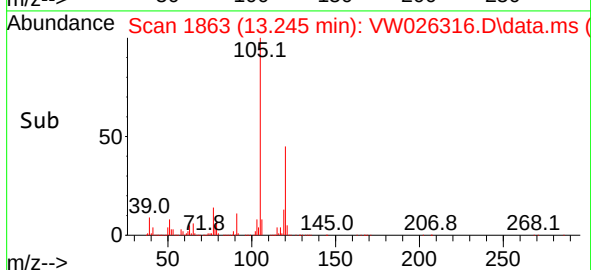
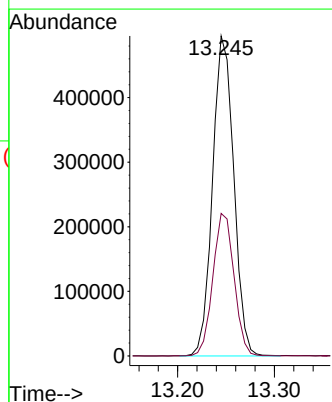
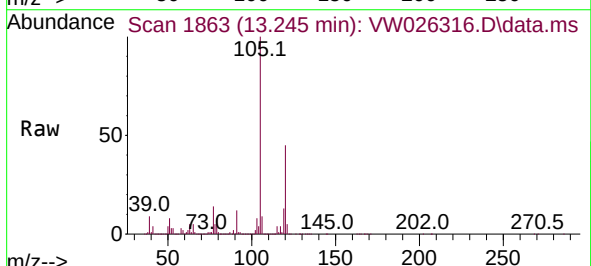
Acq: 23 Jun 2023 12:23

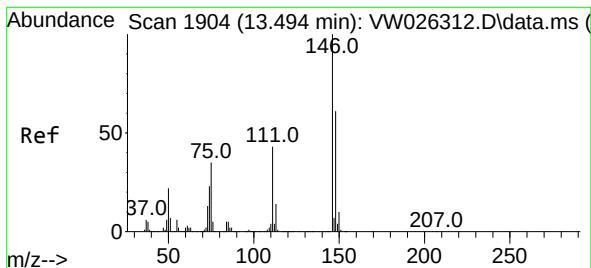
Tgt Ion:105 Resp: 754171

Ion Ratio Lower Upper

105 100

120 44.6 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 20.209 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.001 min

Lab File: VW026316.D

Acq: 23 Jun 2023 12:23

Instrument :

MSVOA_W

ClientSampleId :

YBW43MSD

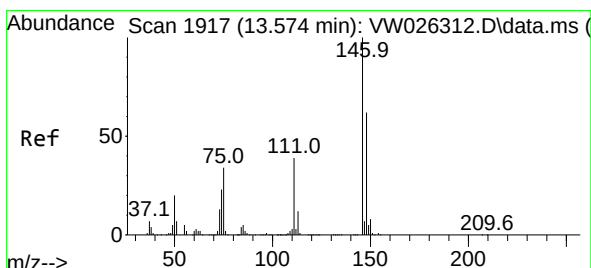
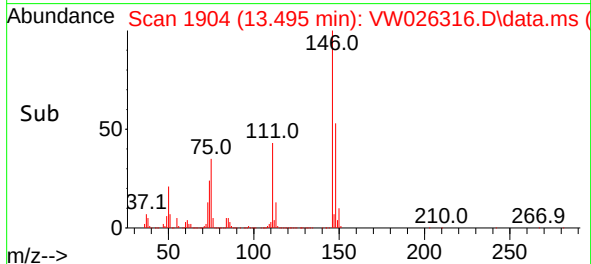
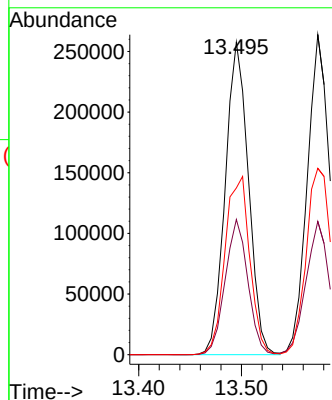
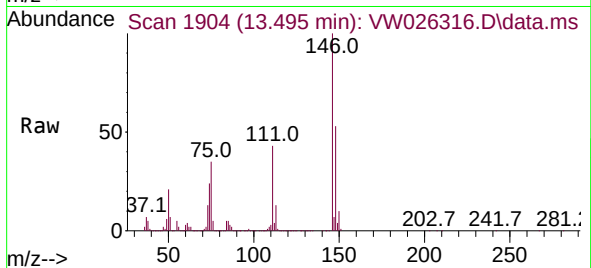
Tgt Ion:146 Resp: 403393

Ion Ratio Lower Upper

146 100

111 43.3 29.7 55.1

148 53.3 45.4 84.4



#65

1,4-Dichlorobenzene

Concen: 20.124 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.001 min

Lab File: VW026316.D

Acq: 23 Jun 2023 12:23

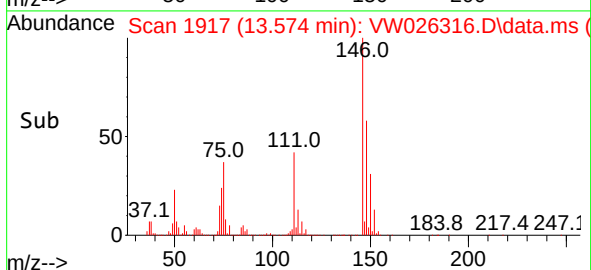
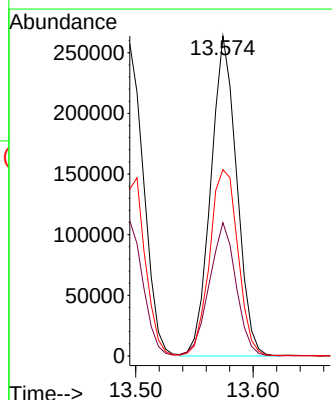
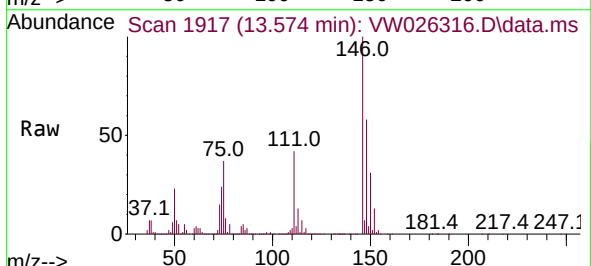
Tgt Ion:146 Resp: 404417

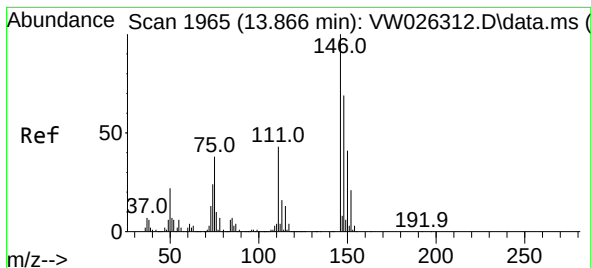
Ion Ratio Lower Upper

146 100

111 41.6 29.2 54.2

148 58.2 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 20.404 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.001 min

Lab File: VW026316.D

Acq: 23 Jun 2023 12:23

Instrument :

MSVOA_W

ClientSampleId :

YBW43MSD

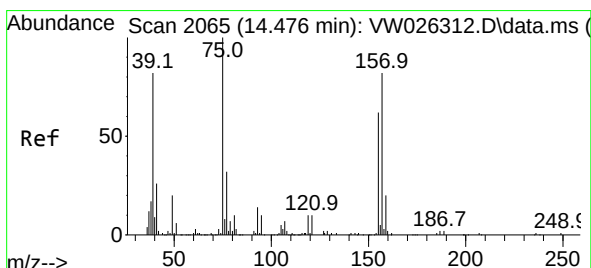
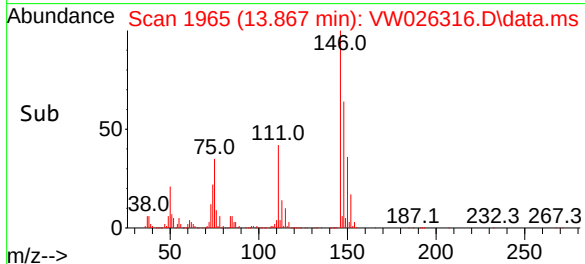
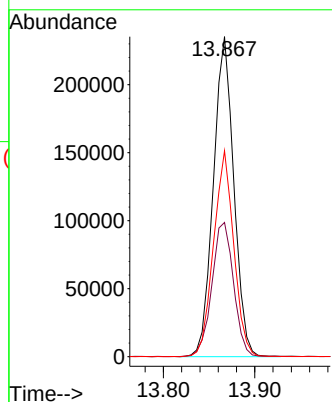
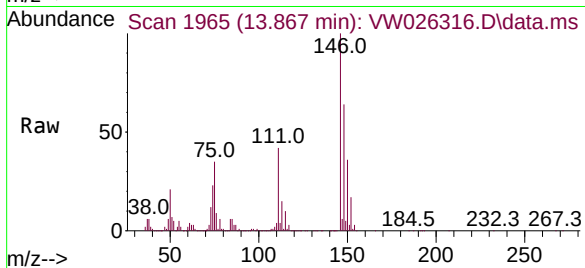
Tgt Ion:146 Resp: 365731

Ion Ratio Lower Upper

146 100

111 42.0 35.4 53.0

148 64.3 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 21.882 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.001 min

Lab File: VW026316.D

Acq: 23 Jun 2023 12:23

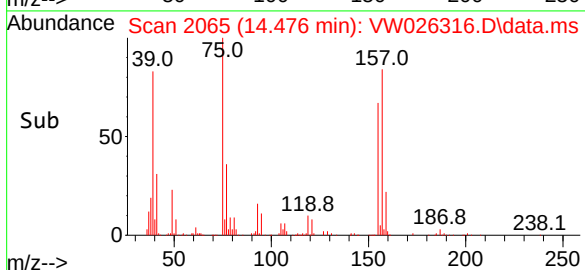
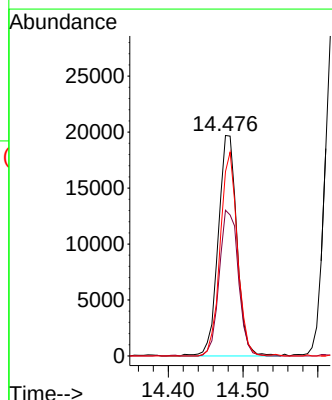
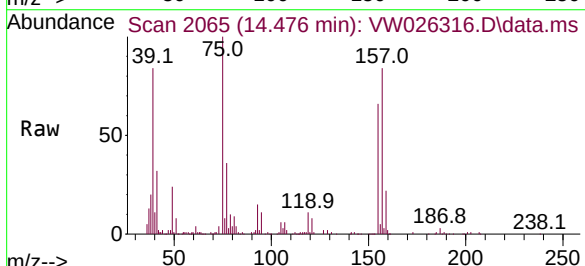
Tgt Ion: 75 Resp: 34319

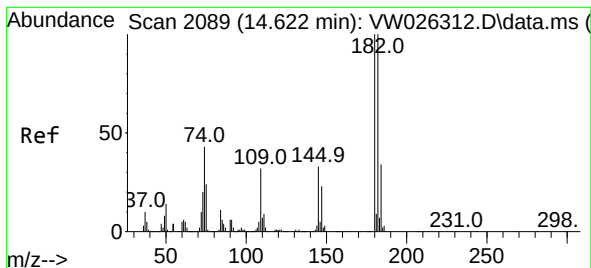
Ion Ratio Lower Upper

75 100

155 66.1 59.0 88.6

157 83.6 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 17.291 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026316.D

Acq: 23 Jun 2023 12:23

Instrument :

MSVOA_W

ClientSampleId :

YBW43MSD

Tgt Ion:180 Resp: 237096

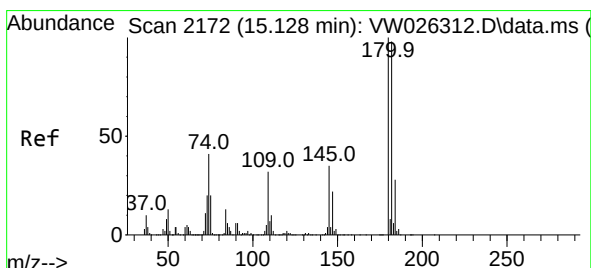
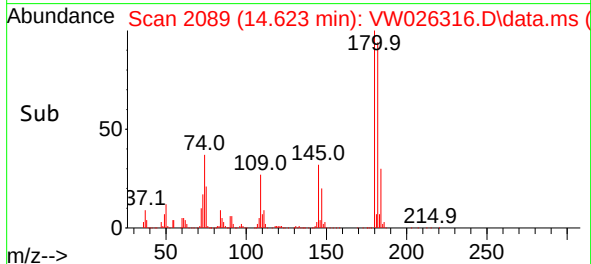
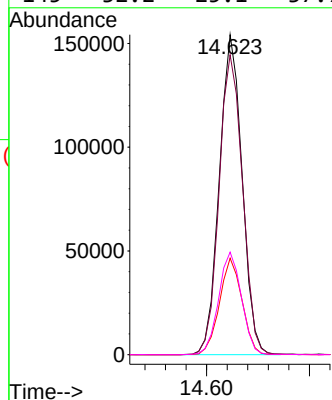
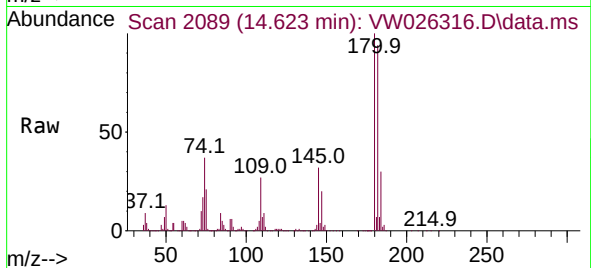
Ion Ratio Lower Upper

180 100

182 96.1 77.0 115.4

184 29.6 23.7 35.5

145 32.2 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 16.042 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026316.D

Acq: 23 Jun 2023 12:23

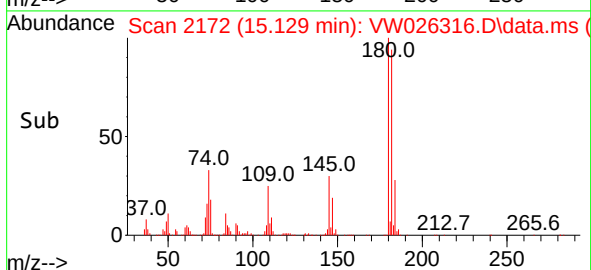
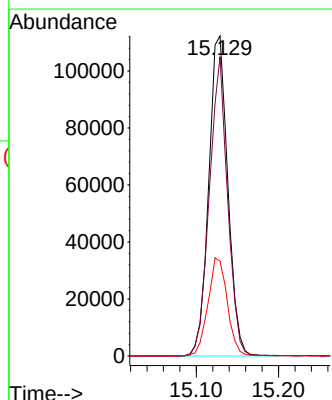
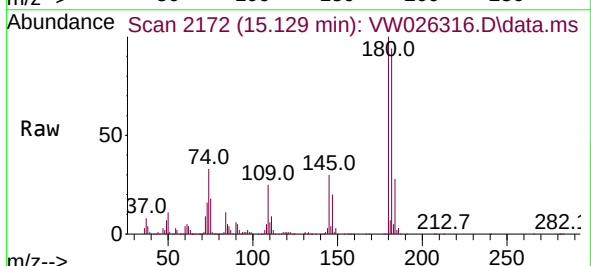
Tgt Ion:180 Resp: 181501

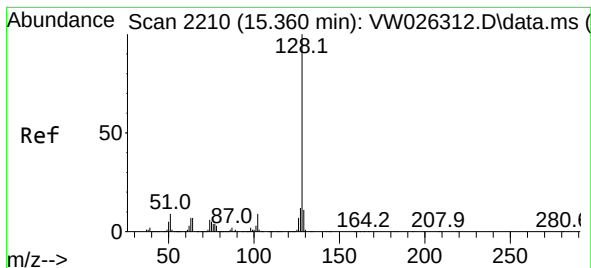
Ion Ratio Lower Upper

180 100

182 88.7 78.9 118.3

145 31.0 27.2 40.8





#71

Naphthalene

Concen: 17.683 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.001 min

Lab File: VW026316.D

Acq: 23 Jun 2023 12:23

Instrument :

MSVOA_W

ClientSampleId :

YBW43MSD

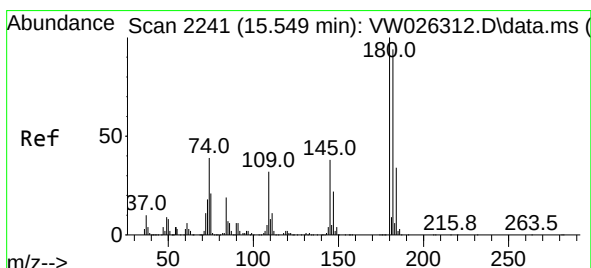
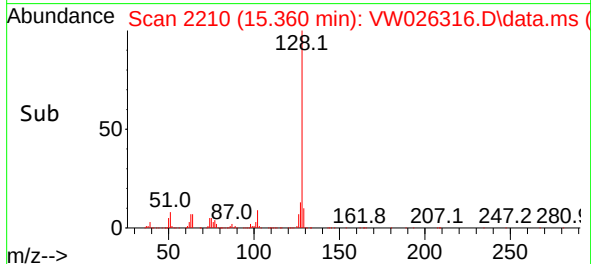
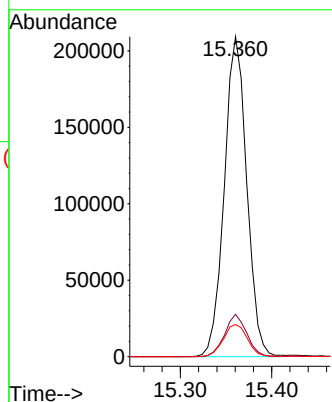
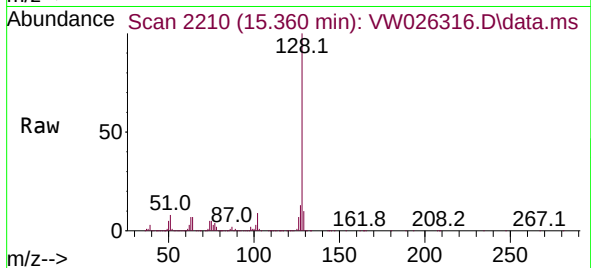
Tgt Ion:128 Resp: 356582

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: 15.400 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW026316.D

Acq: 23 Jun 2023 12:23

Tgt Ion:180 Resp: 152278

Ion Ratio Lower Upper

180 100

182 100.1 76.3 114.5

145 34.9 27.0 40.6

