

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041923\
 Data File : VW025591.D
 Acq On : 19 Apr 2023 19:30
 Operator : SY/MD
 Sample : 02418-11MSD
 Misc : 4.63g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 20 01:35:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 19 04:10:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	619077	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	435557	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	122048	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	197338	19.589	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.360%
7) Chloroethane-d5	2.899	69	164051	22.872	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.480%
11) 1,1-Dichloroethene-d2	4.027	63	425857	20.903	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.600%
21) 2-Butanone-d5	7.075	46	141652	63.029	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.060%
24) Chloroform-d	7.648	84	438331	25.217	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.880%
26) 1,2-Dichloroethane-d4	8.306	65	237004	26.209	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.840%
32) Benzene-d6	8.276	84	816125	28.938	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.760%
36) 1,2-Dichloropropane-d6	9.276	67	274451	31.210	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.840%#
41) Toluene-d8	10.318	98	632968	25.693	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.760%
43) trans-1,3-Dichloroprop...	10.580	79	82925	25.152	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.600%
47) 2-Hexanone-d5	10.922	63	89800	74.710	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.420%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	188240	31.715	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.880%#
66) 1,2-Dichlorobenzene-d4	13.848	152	99825	23.808	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.240%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	194441	22.460	ug/L	92
3) Chloromethane	2.222	50	260483	25.934	ug/L	98
5) Vinyl chloride	2.374	62	266525	24.004	ug/L	98
6) Bromomethane	2.789	94	120275	20.137	ug/L	96
8) Chloroethane	2.935	64	157959	25.401	ug/L	98
9) Trichlorofluoromethane	3.265	101	209144	24.450	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	190544	22.198	ug/L	98
12) 1,1-Dichloroethene	4.051	96	197785	23.020	ug/L	92
13) Acetone	4.118	43	152918	80.395	ug/L	99
14) Carbon disulfide	4.392	76	514938	16.987	ug/L	98
15) Methyl Acetate	4.667	43	101299	23.705	ug/L	100
16) Methylene chloride	4.917	84	243303	24.725	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	194295	21.270	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	392469	31.133	ug/L	99
19) 1,1-Dichloroethane	6.221	63	488429	26.762	ug/L	99
20) cis-1,2-Dichloroethene	7.172	96	227929	23.982	ug/L #	97
22) 2-Butanone	7.166	43	212639	78.639	ug/L	95
23) Bromochloromethane	7.514	128	100509	25.787	ug/L	95
25) Chloroform	7.678	83	438118	26.251	ug/L	98

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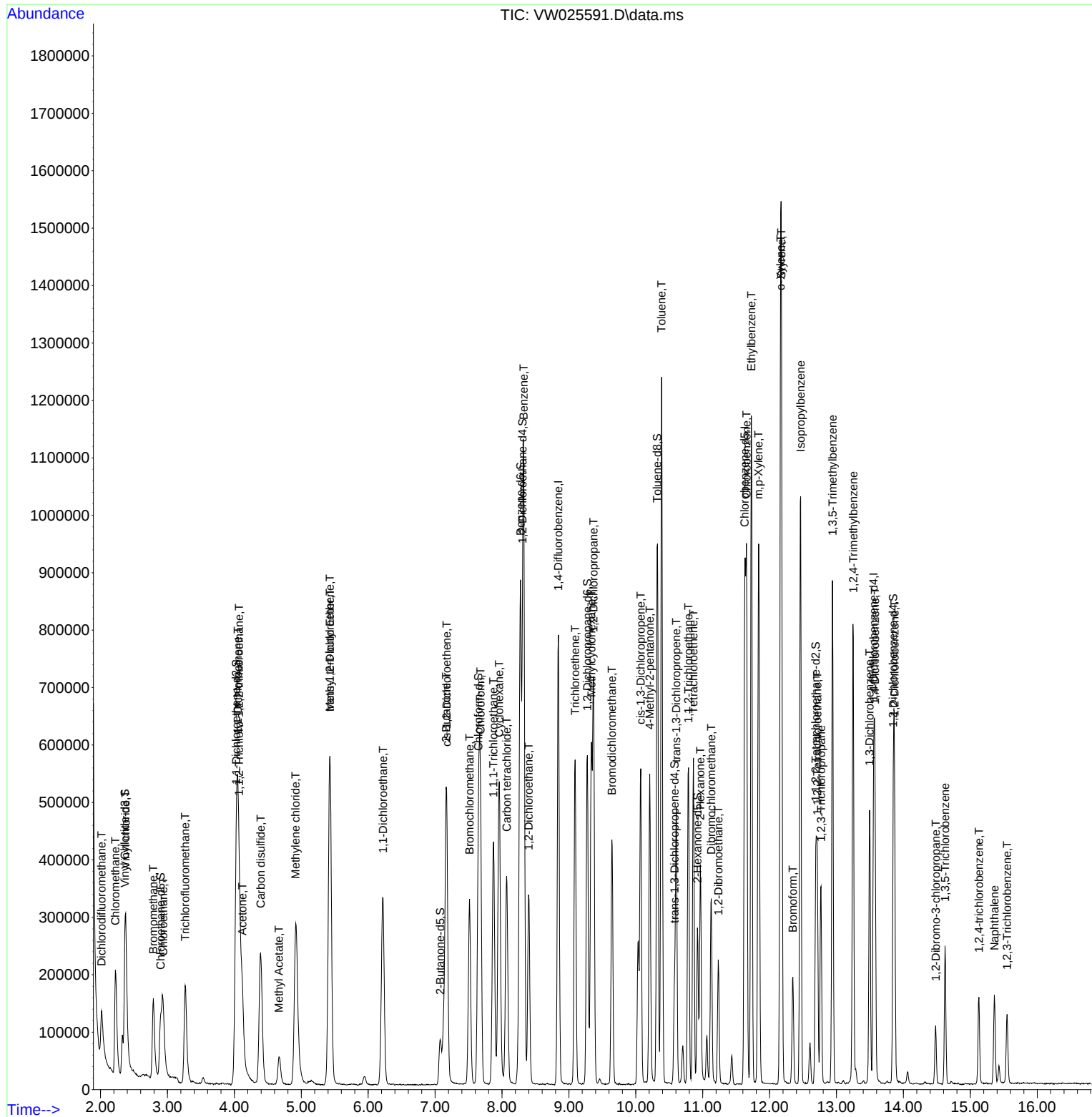
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	298843	26.683	ug/L	98
29) Cyclohexane	7.959	56	310599	22.032	ug/L	100
30) 1,1,1-Trichloroethane	7.873	97	336113	31.057	ug/L	99
31) Carbon tetrachloride	8.069	117	279884	28.637	ug/L	100
33) Benzene	8.325	78	937671	30.929	ug/L	100
34) Trichloroethene	9.093	95	203319	25.783	ug/L	98
35) Methylcyclohexane	9.337	83	214355	15.054	ug/L	100
37) 1,2-Dichloropropane	9.367	63	263995	32.972	ug/L	100
38) Bromodichloromethane	9.641	83	287872	31.424	ug/L	99
39) cis-1,3-Dichloropropene	10.074	75	315600	27.479	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	372315	82.154	ug/L	99
42) Toluene	10.385	91	842320	27.285	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	253898	26.809	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	171337	33.561	ug/L	98
46) Tetrachloroethene	10.861	164	119692	21.581	ug/L	93
48) 2-Hexanone	10.964	43	254838	81.385	ug/L	99
49) Dibromochloromethane	11.129	129	164776	30.655	ug/L	94
50) 1,2-Dibromoethane	11.233	107	144243	30.751	ug/L	100
51) Chlorobenzene	11.653	112	423765	22.277	ug/L	99
52) Ethylbenzene	11.726	91	795899	22.783	ug/L	97
53) m,p-Xylene	11.836	106	280777	21.917	ug/L	96
54) o-Xylene	12.165	106	276940	23.108	ug/L	96
55) Styrene	12.178	104	421600	20.900	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	185202	30.286	ug/L	97
59) Bromoform	12.348	173	81527	48.748	ug/L	94
60) Isopropylbenzene	12.464	105	651506	34.077	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	145367	57.468	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	443947	29.416	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	420745	28.952	ug/L	98
64) 1,3-Dichlorobenzene	13.494	146	187092	23.615	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	184589	22.814	ug/L	94
67) 1,2-Dichlorobenzene	13.866	146	165743	23.863	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.482	75	27565	49.676	ug/L	98
69) 1,3,5-Trichlorobenzene	14.622	180	68976	13.003	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	43953	10.200	ug/L	94
71) Naphthalene	15.360	128	128112	15.934	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	36400	9.662	ug/L	94

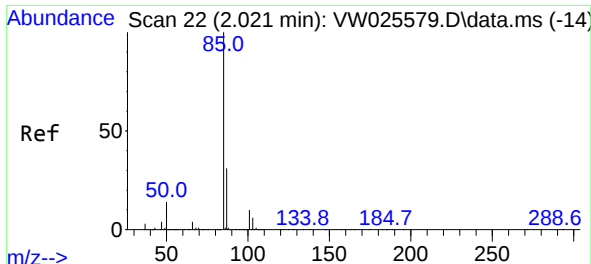
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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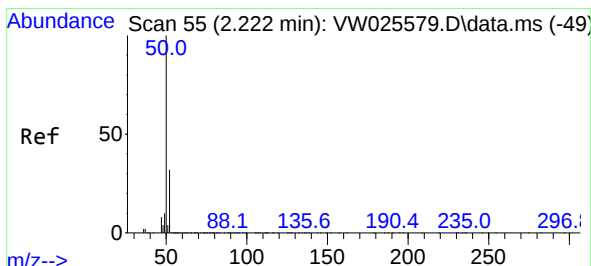
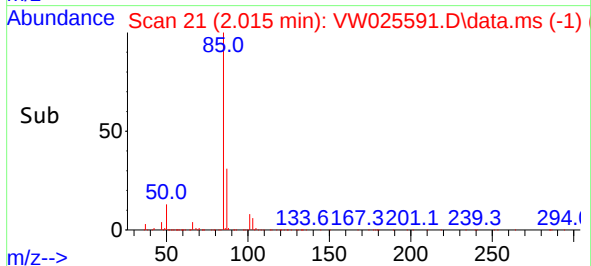
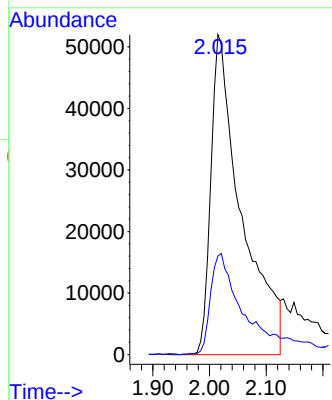
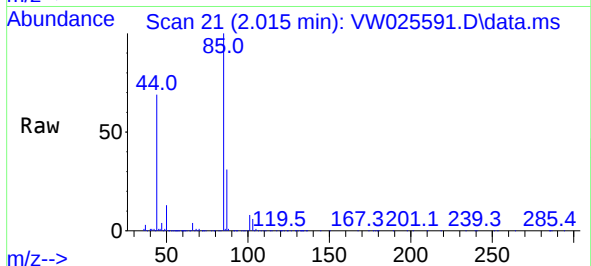




#2
Dichlorodifluoromethane
Concen: 22.460 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.007 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

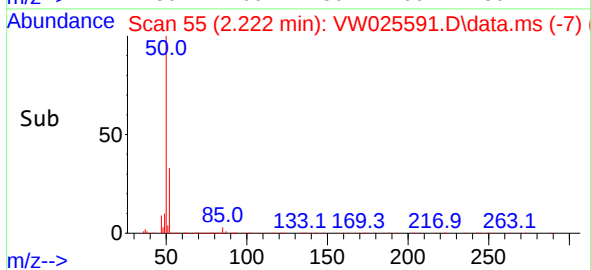
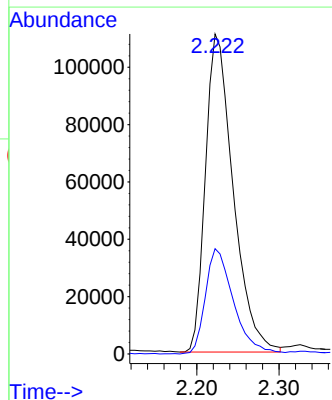
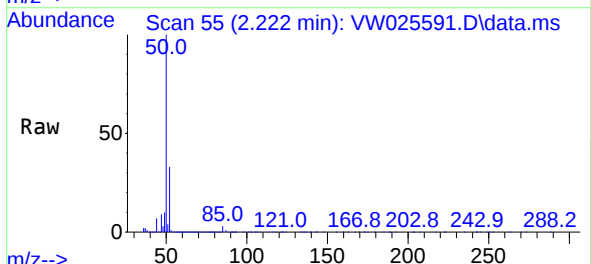
Instrument :
MSVOA_W
ClientSampleId :

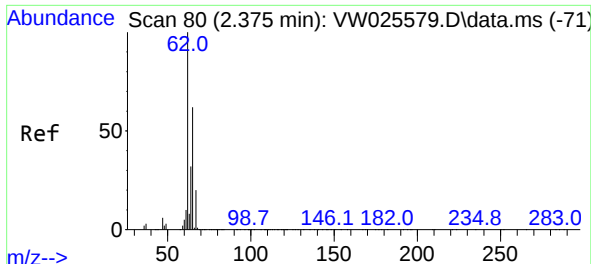
Tgt Ion: 85 Resp: 194441
Ion Ratio Lower Upper
85 100
87 26.6 24.6 37.0



#3
Chloromethane
Concen: 25.934 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.007 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

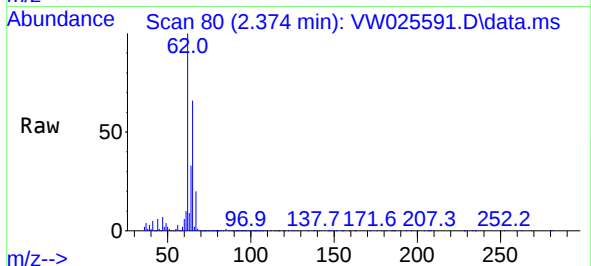
Tgt Ion: 50 Resp: 260483
Ion Ratio Lower Upper
50 100
52 32.9 22.2 41.2



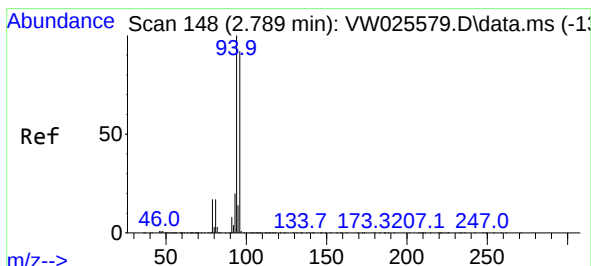
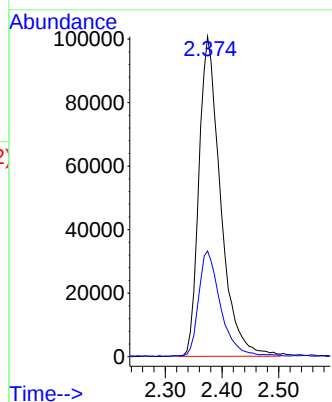
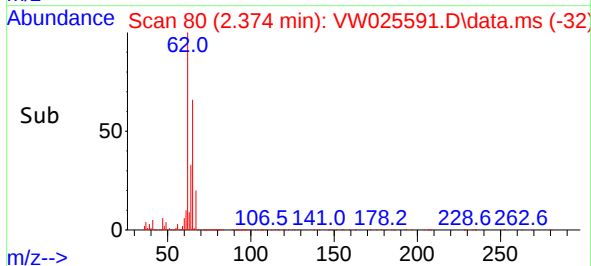


#5
 Vinyl chloride
 Concen: 24.004 ug/L
 RT: 2.374 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: VW025591.D
 Acq: 19 Apr 2023 19:30

Instrument :
 MSVOA_W
 ClientSampleId :

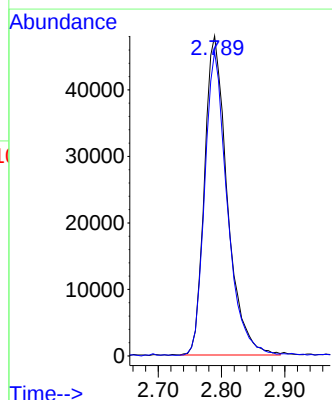
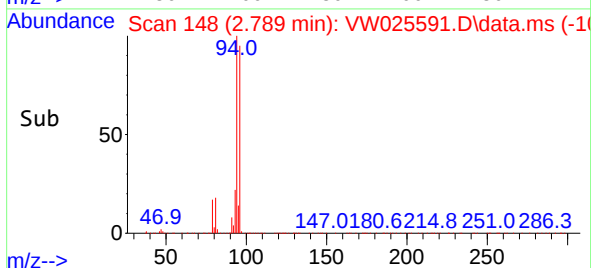
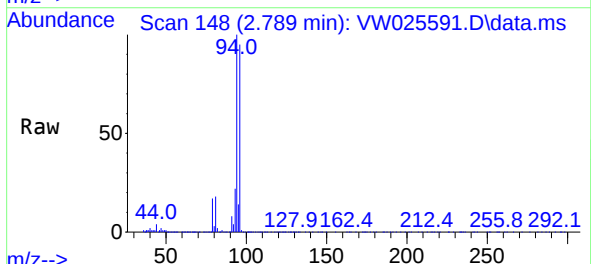


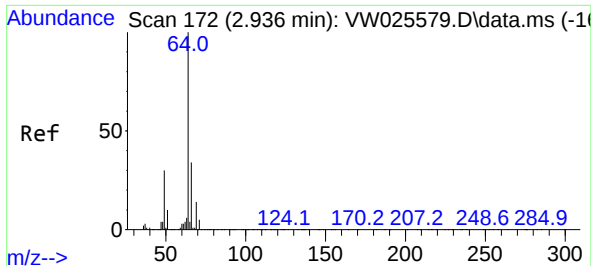
Tgt Ion: 62 Resp: 266525
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.9 44.3



#6
 Bromomethane
 Concen: 20.137 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.007 min
 Lab File: VW025591.D
 Acq: 19 Apr 2023 19:30

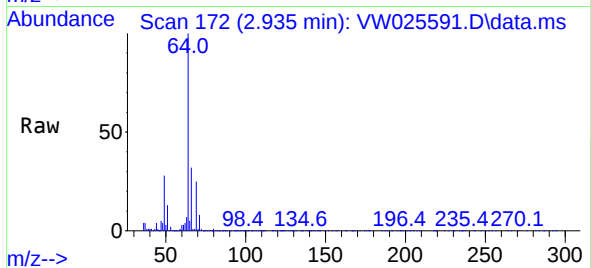
Tgt Ion: 94 Resp: 120275
 Ion Ratio Lower Upper
 94 100
 96 95.0 64.0 118.8



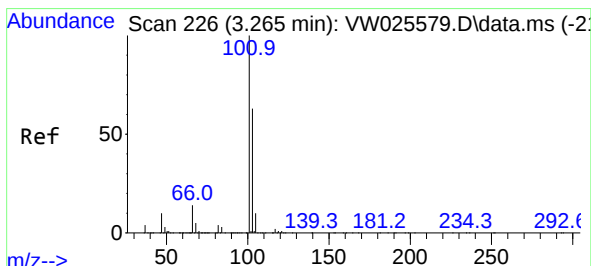
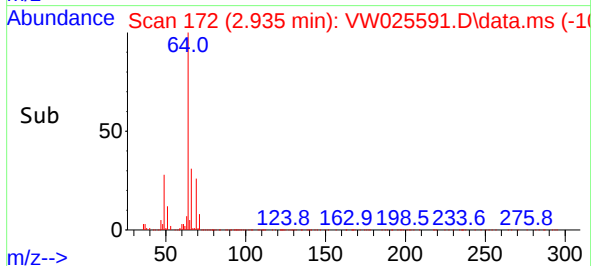
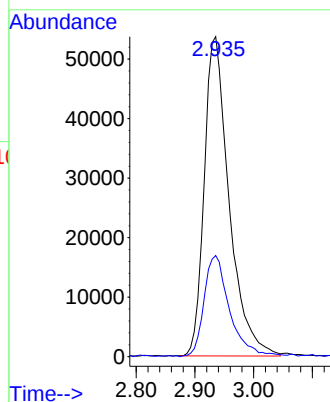


#8
Chloroethane
Concen: 25.401 ug/L
RT: 2.935 min Scan# 11
Delta R.T. -0.007 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

Instrument :
MSVOA_W
ClientSampleId :

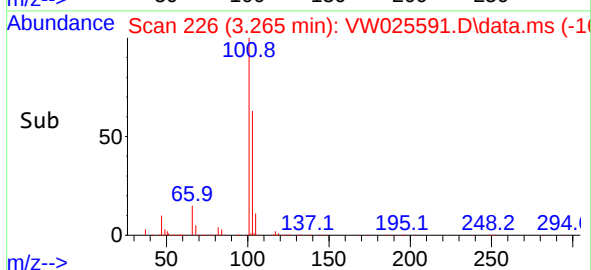
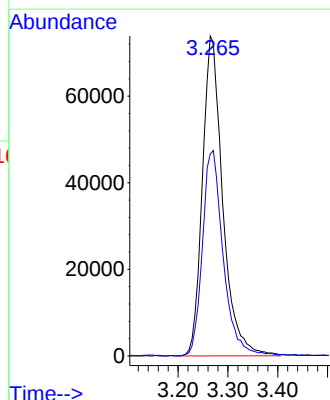
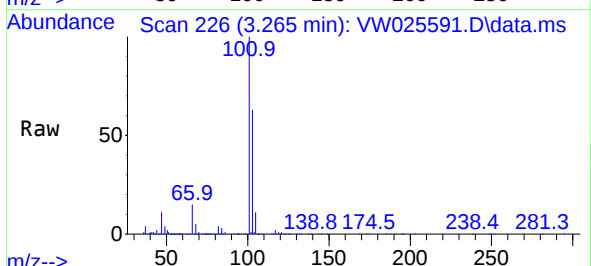


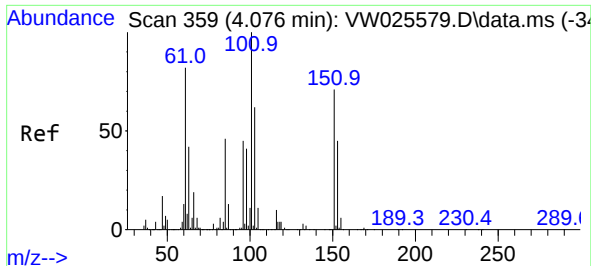
Tgt Ion: 64 Resp: 157959
Ion Ratio Lower Upper
64 100
66 31.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 24.450 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.007 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

Tgt Ion: 101 Resp: 209144
Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5

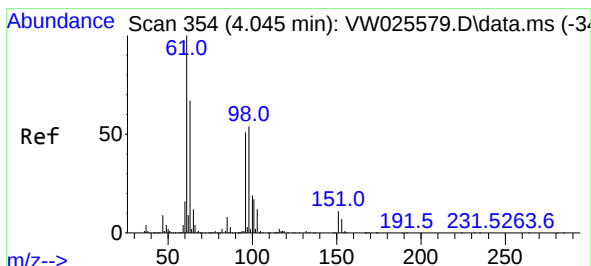
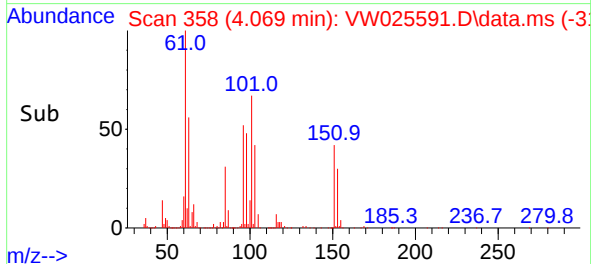
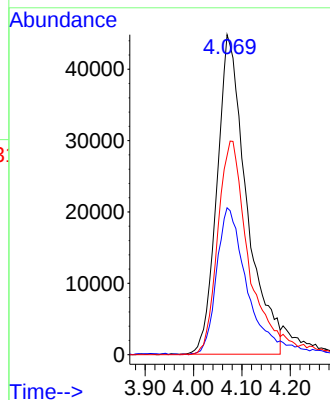
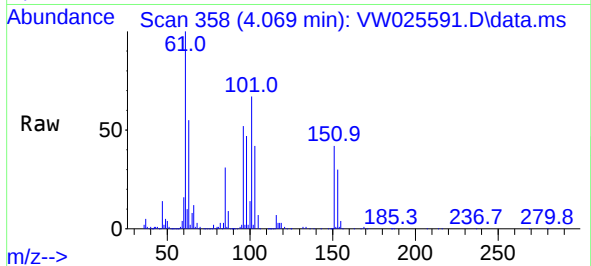




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.198 ug/L
RT: 4.069 min Scan# 310
Delta R.T. -0.007 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

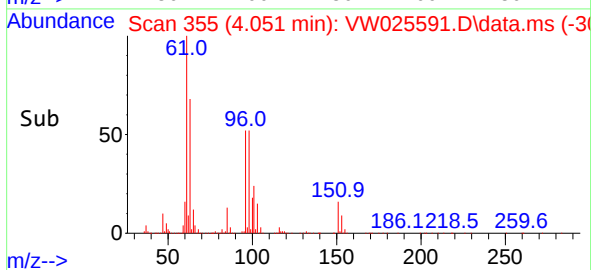
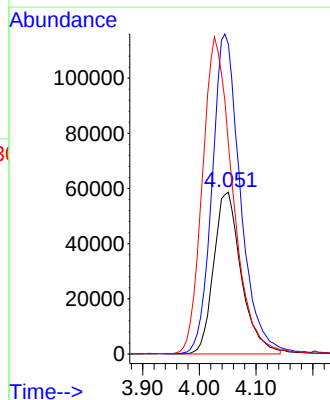
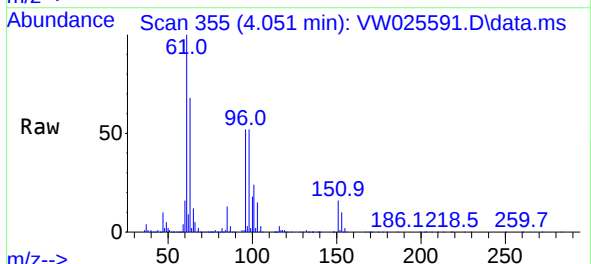
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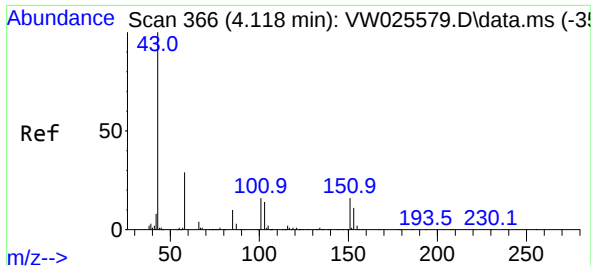
Tgt Ion:101 Resp: 190544
Ion Ratio Lower Upper
101 100
85 45.9 34.5 51.7
151 68.0 54.8 82.2



#12
1,1-Dichloroethene
Concen: 23.020 ug/L
RT: 4.051 min Scan# 355
Delta R.T. 0.006 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

Tgt Ion: 96 Resp: 197785
Ion Ratio Lower Upper
96 100
61 191.5 132.7 246.4
63 129.9 105.0 195.0

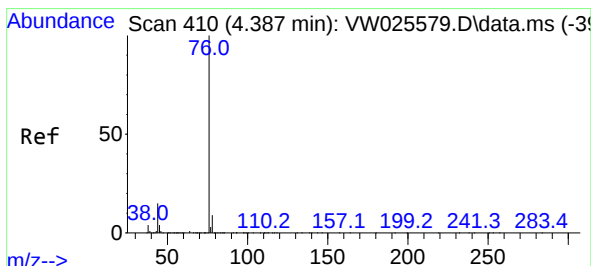
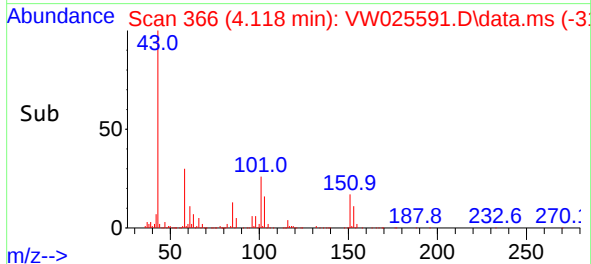
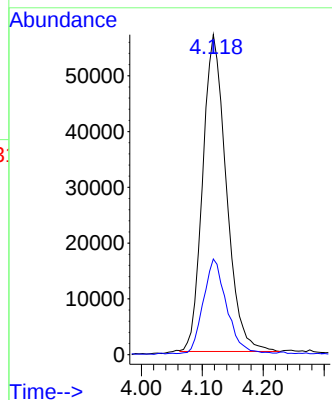
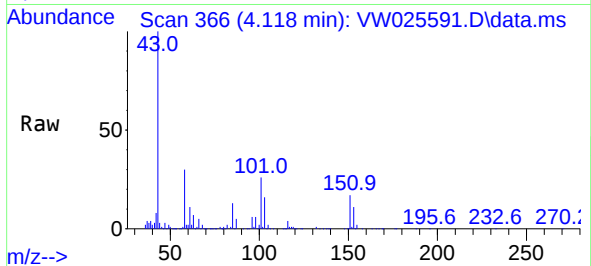




#13
Acetone
Concen: 80.395 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW025591.D
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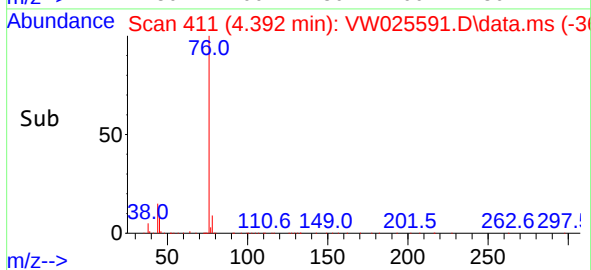
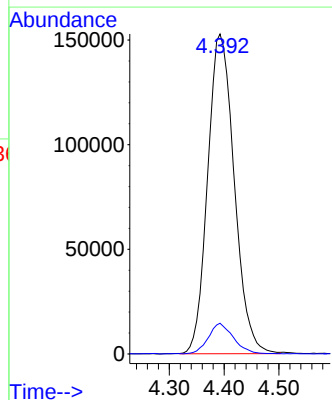
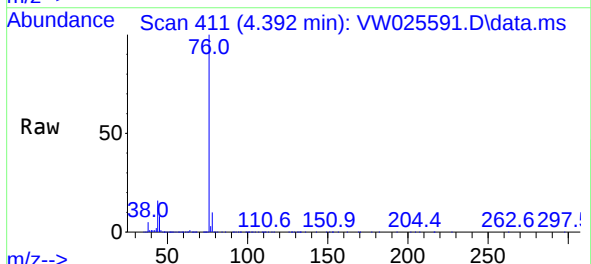
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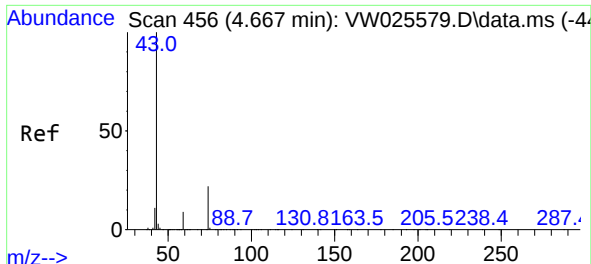
Tgt Ion: 43 Resp: 152918
Ion Ratio Lower Upper
43 100
58 29.3 0.0 57.4



#14
Carbon disulfide
Concen: 16.987 ug/L
RT: 4.392 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 514938
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7

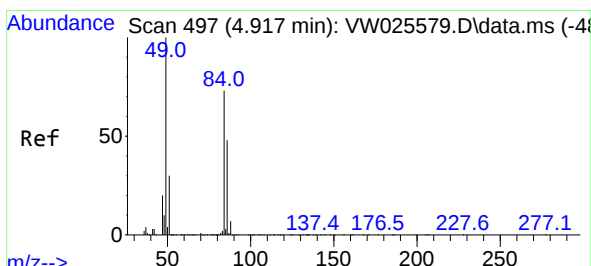
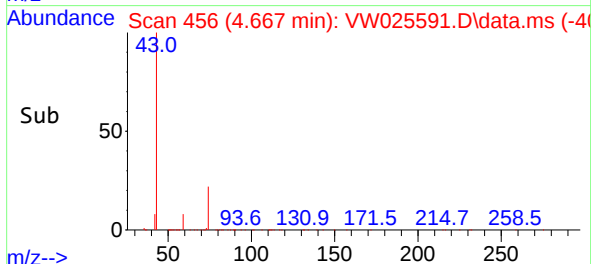
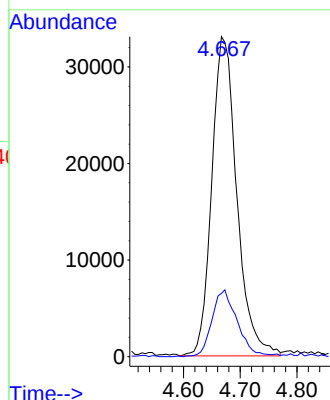
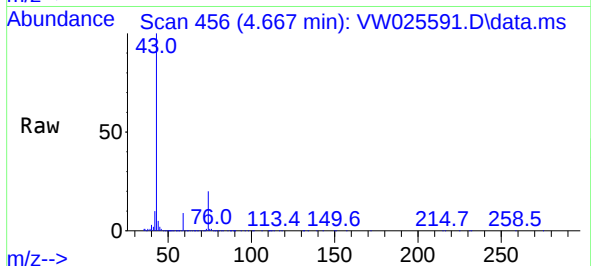




#15
Methyl Acetate
Concen: 23.705 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.007 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

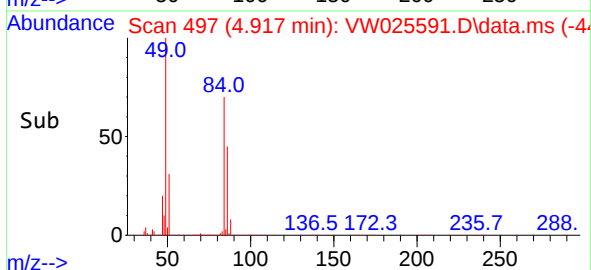
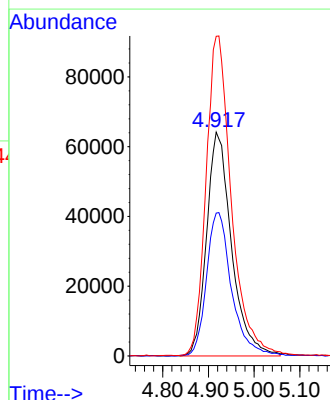
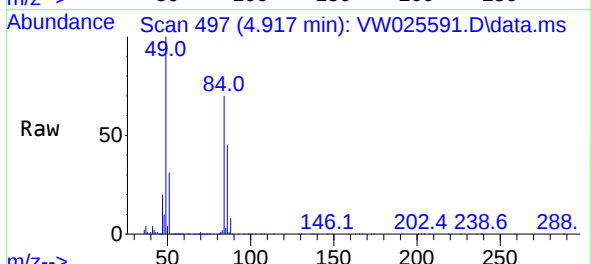
Instrument :
MSVOA_W
ClientSampleId :

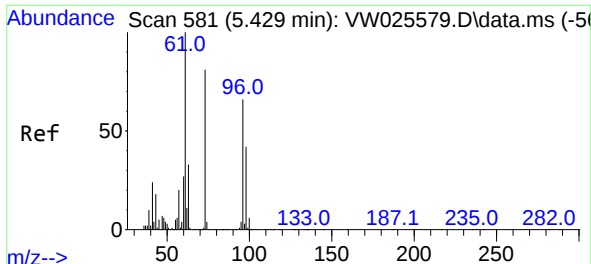
Tgt Ion: 43 Resp: 101299
Ion Ratio Lower Upper
43 100
74 21.1 17.0 25.4



#16
Methylene chloride
Concen: 24.725 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.007 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

Tgt Ion: 84 Resp: 243303
Ion Ratio Lower Upper
84 100
86 63.9 44.9 83.3
49 142.9 101.4 188.4

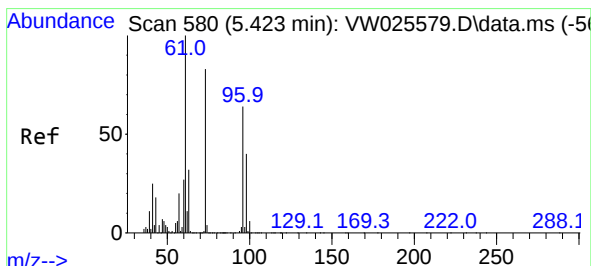
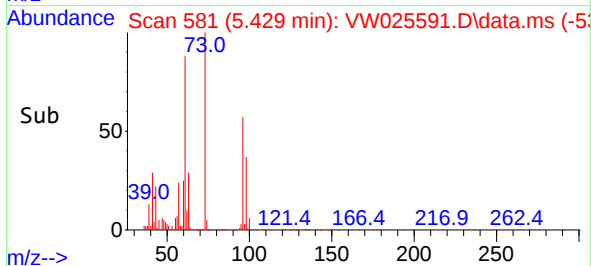
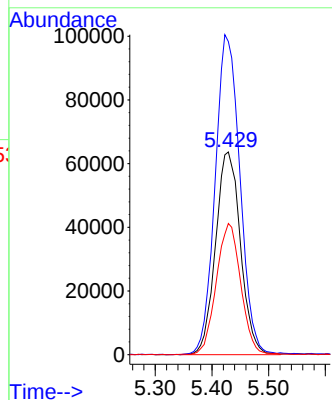
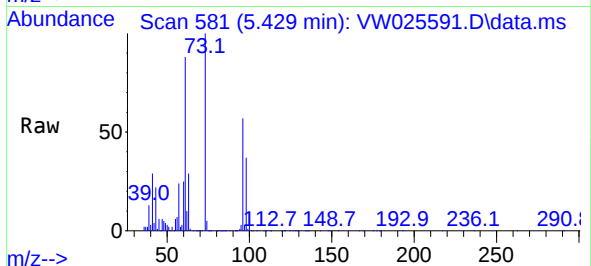




#17
trans-1,2-Dichloroethene
Concen: 21.270 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

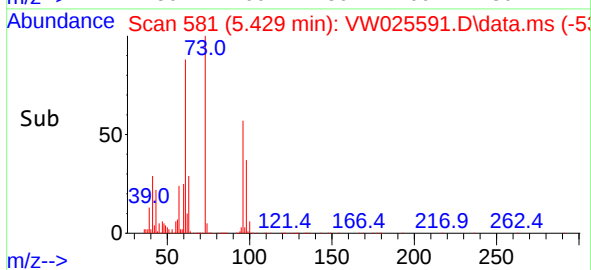
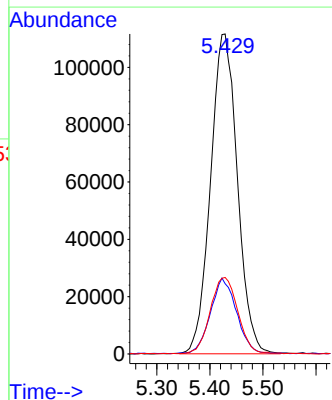
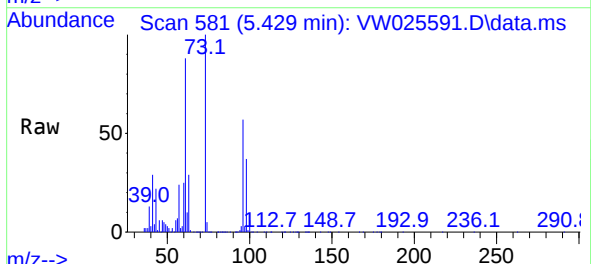
Instrument : MSVOA_W
ClientSampleId :

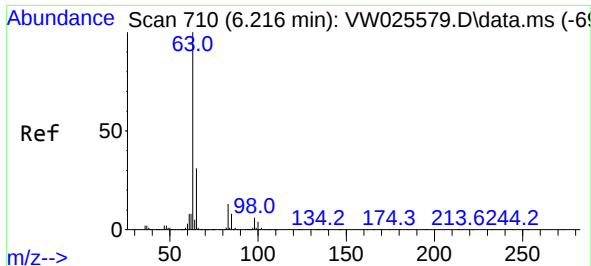
Tgt Ion: 96 Resp: 194295
Ion Ratio Lower Upper
96 100
61 154.4 113.3 210.3
98 64.7 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 31.133 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

Tgt Ion: 73 Resp: 392469
Ion Ratio Lower Upper
73 100
43 22.7 17.8 26.6
57 24.3 19.0 28.6





#19

1,1-Dichloroethane

Concen: 26.762 ug/L

RT: 6.221 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW025591.D

Acq: 19 Apr 2023 19:30

Instrument :

MSVOA_W

ClientSampleId :

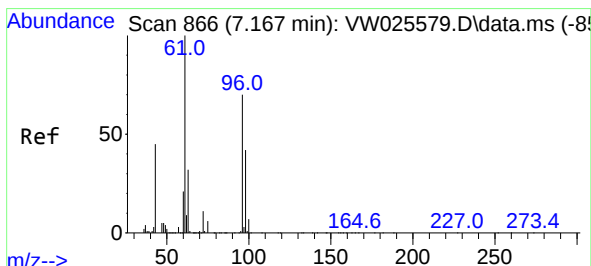
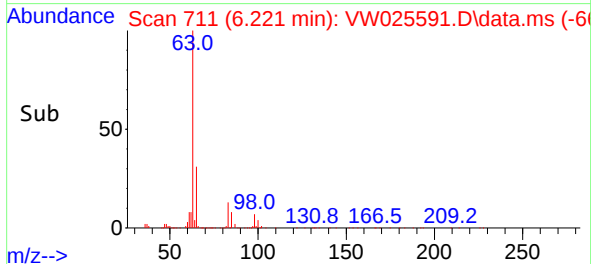
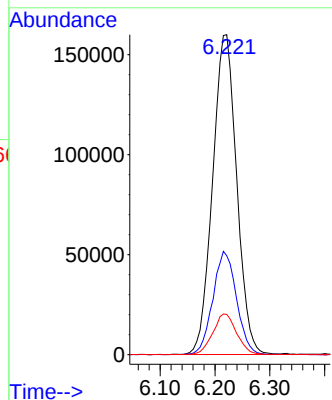
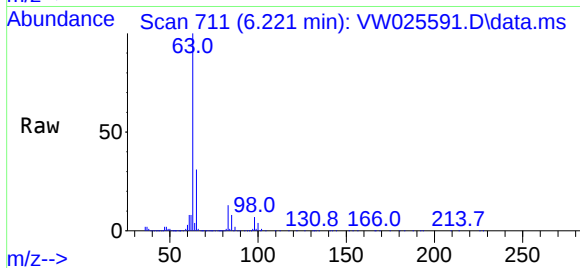
Tgt Ion: 63 Resp: 488429

Ion Ratio Lower Upper

63 100

65 30.9 21.9 40.7

83 12.6 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 23.982 ug/L

RT: 7.172 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW025591.D

Acq: 19 Apr 2023 19:30

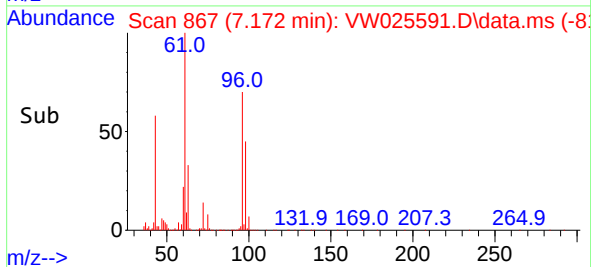
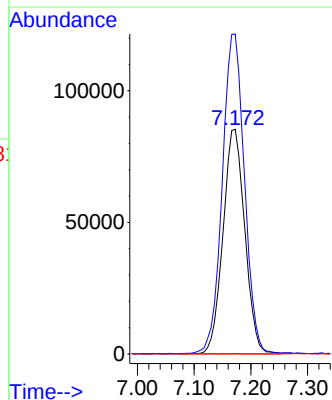
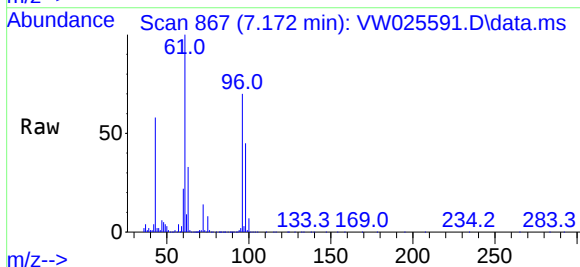
Tgt Ion: 96 Resp: 227929

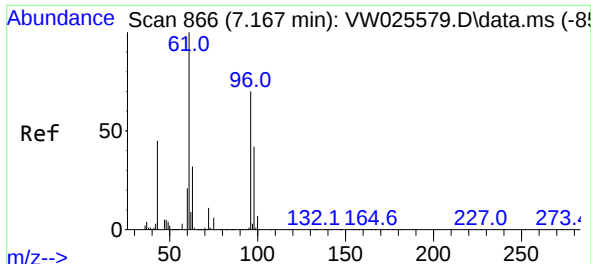
Ion Ratio Lower Upper

96 100

61 142.5 102.6 190.6

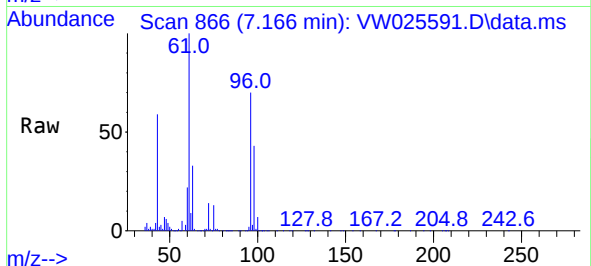
68 0.2 0.1 0.1#



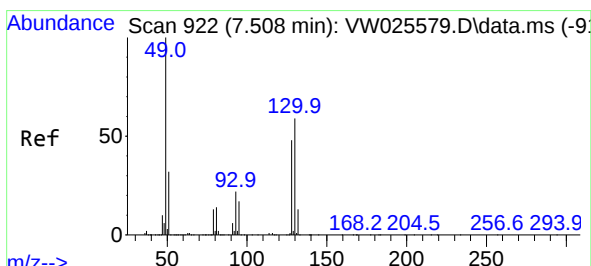
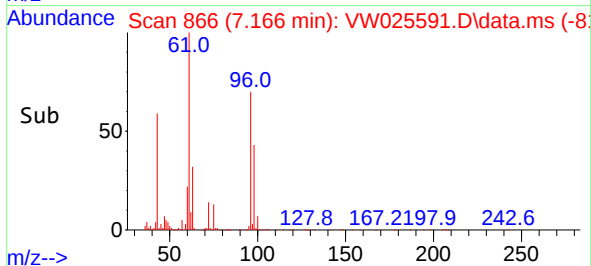
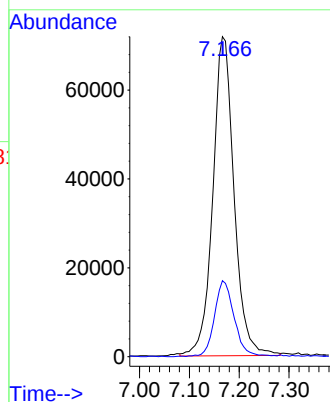


#22
2-Butanone
Concen: 78.639 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.001 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

Instrument :
MSVOA_W
ClientSampleId :

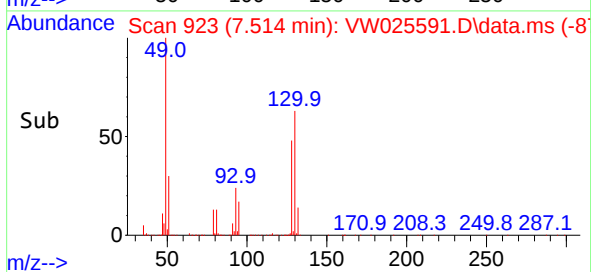
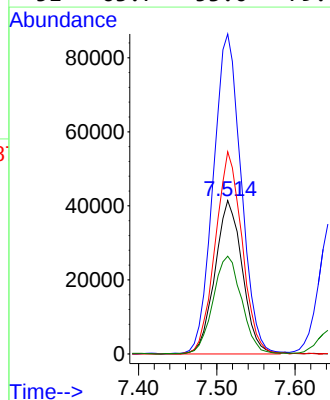
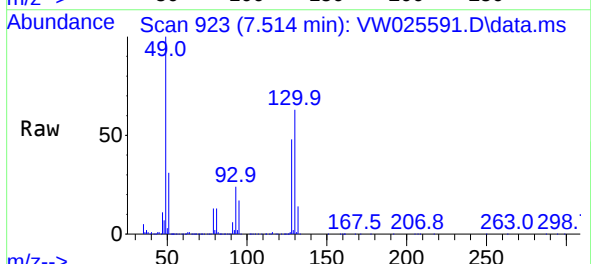


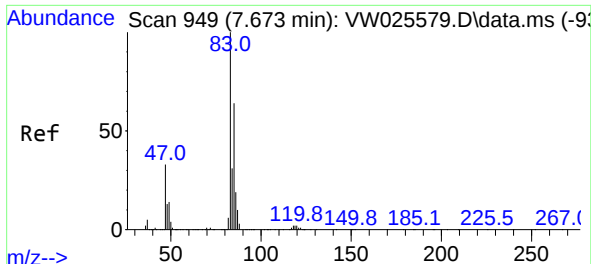
Tgt Ion: 43 Resp: 212639
Ion Ratio Lower Upper
43 100
72 21.7 12.0 36.0



#23
Bromochloromethane
Concen: 25.787 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

Tgt Ion: 128 Resp: 100509
Ion Ratio Lower Upper
128 100
49 208.6 141.7 263.3
130 131.8 86.7 160.9
51 63.7 53.0 79.6





#25

Chloroform

Concen: 26.251 ug/L

RT: 7.678 min Scan# 91

Delta R.T. -0.000 min

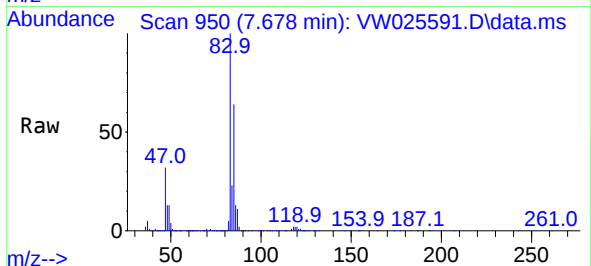
Lab File: VW025591.D

Acq: 19 Apr 2023 19:30

Instrument :

MSVOA_W

ClientSampleId :

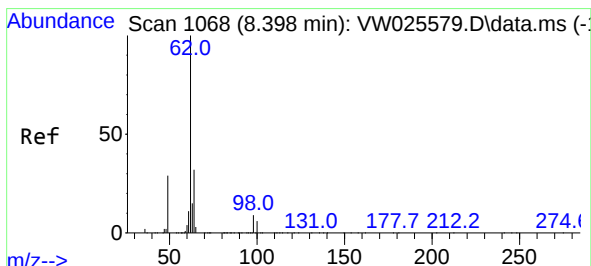
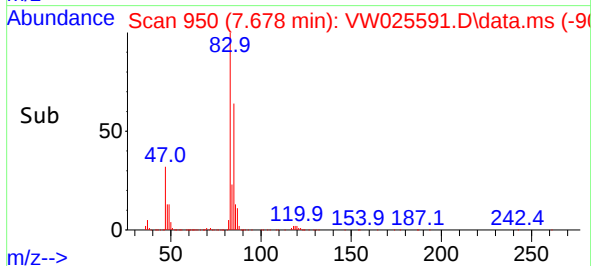
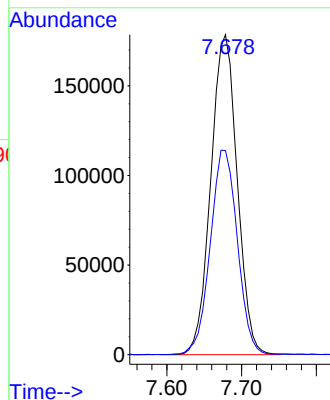


Tgt Ion: 83 Resp: 438118

Ion Ratio Lower Upper

83 100

85 63.8 45.8 85.2



#27

1,2-Dichloroethane

Concen: 26.683 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.001 min

Lab File: VW025591.D

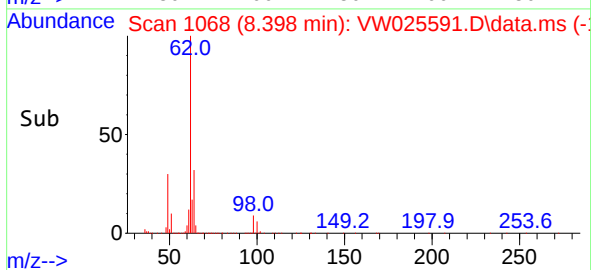
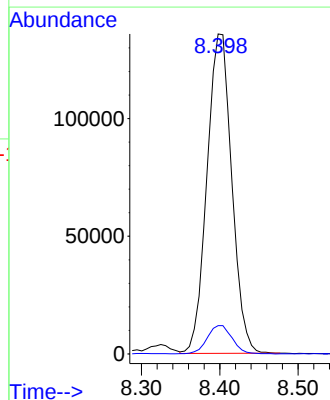
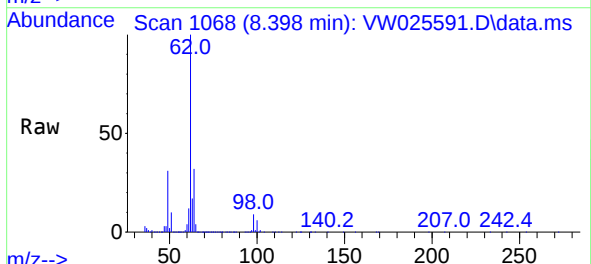
Acq: 19 Apr 2023 19:30

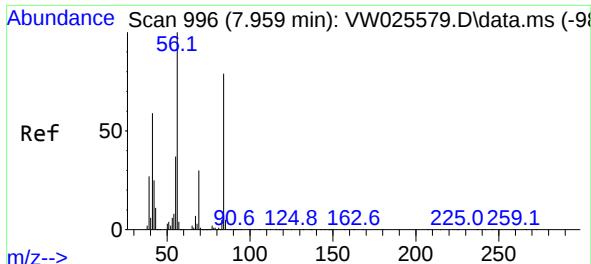
Tgt Ion: 62 Resp: 298843

Ion Ratio Lower Upper

62 100

98 8.9 6.6 10.0





#29

Cyclohexane

Concen: 22.032 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW025591.D

Acq: 19 Apr 2023 19:30

Instrument :

MSVOA_W

ClientSampleId :

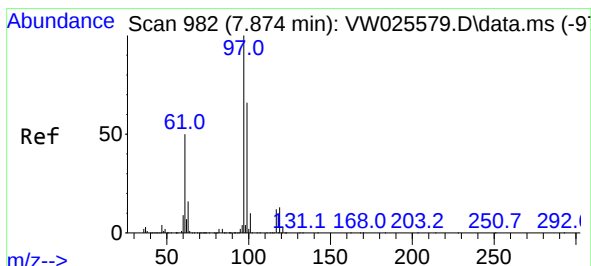
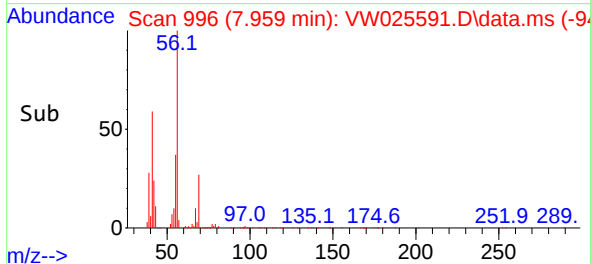
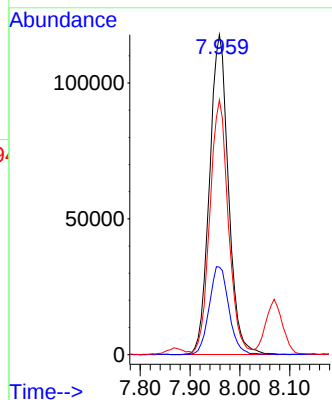
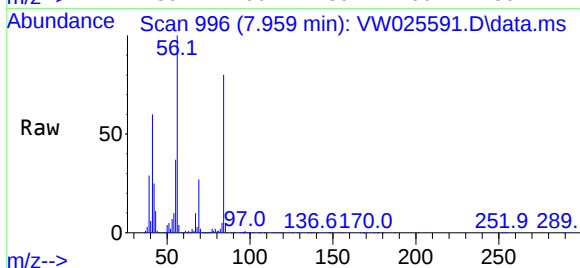
Tgt Ion: 56 Resp: 310599

Ion Ratio Lower Upper

56 100

69 28.5 22.7 34.1

84 78.0 62.5 93.7



#30

1,1,1-Trichloroethane

Concen: 31.057 ug/L

RT: 7.873 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW025591.D

Acq: 19 Apr 2023 19:30

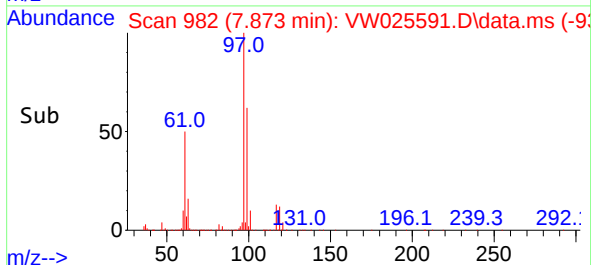
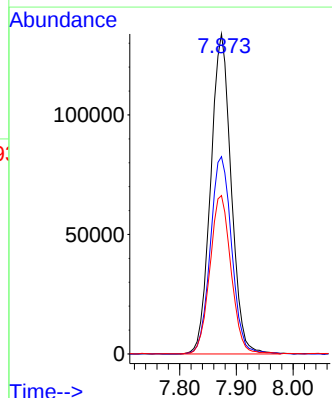
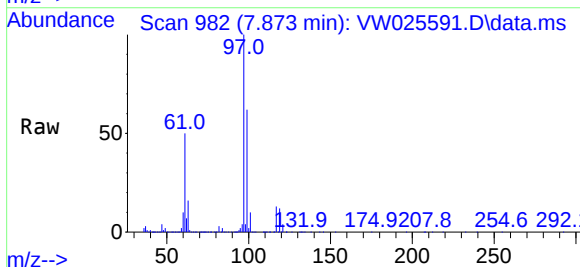
Tgt Ion: 97 Resp: 336113

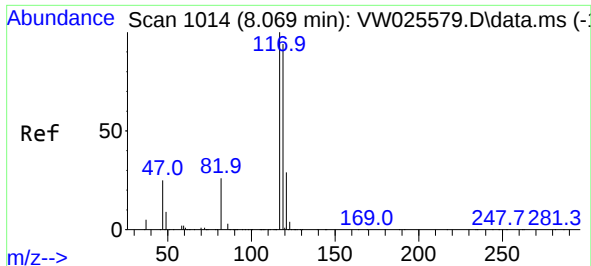
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.6

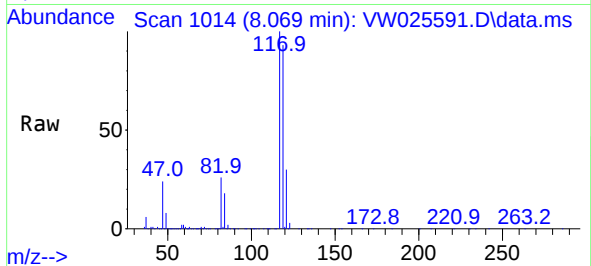
61 51.2 40.5 60.7



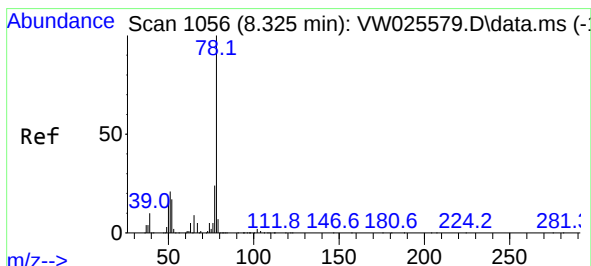
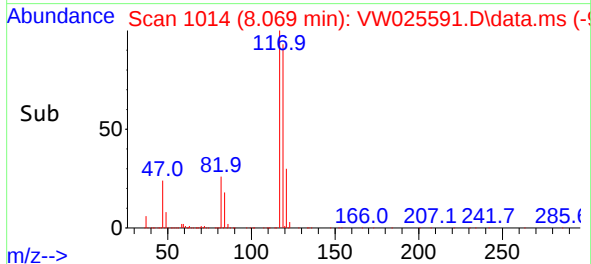
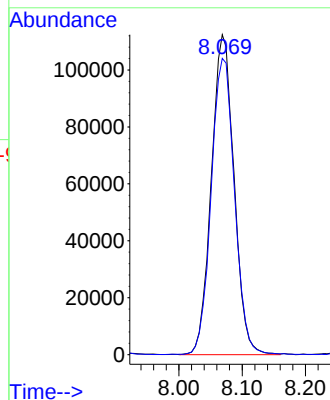


#31
Carbon tetrachloride
Concen: 28.637 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

Instrument :
MSVOA_W
ClientSampleId :

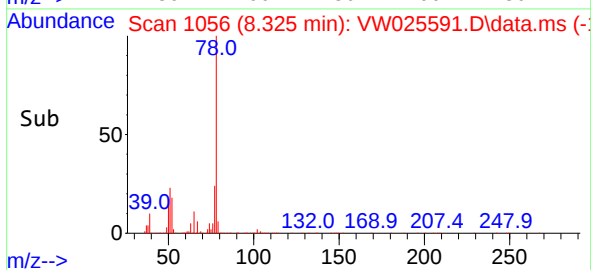
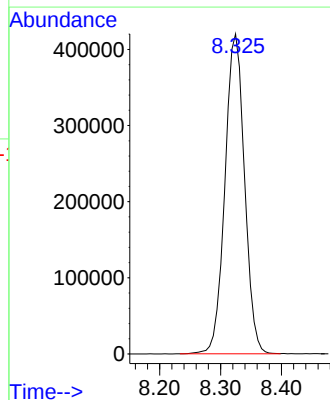
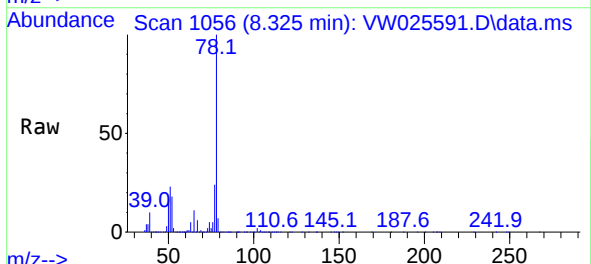


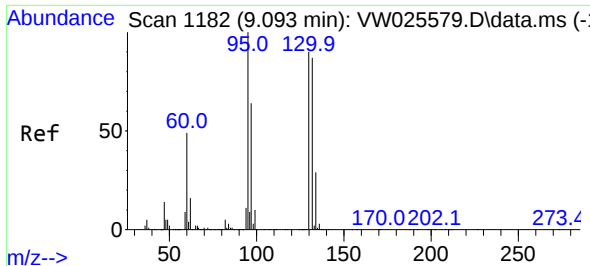
Tgt Ion:117 Resp: 279884
Ion Ratio Lower Upper
117 100
119 94.9 75.7 113.5



#33
Benzene
Concen: 30.929 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

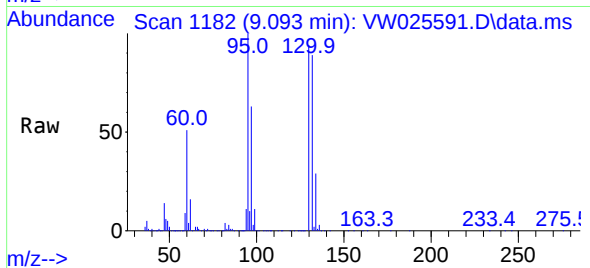
Tgt Ion: 78 Resp: 937671





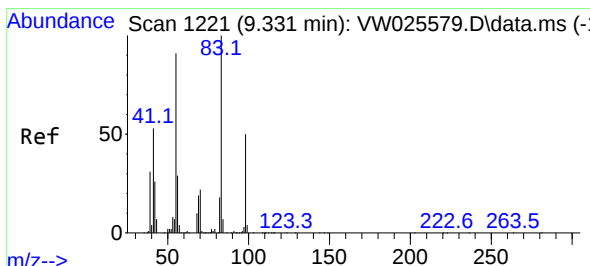
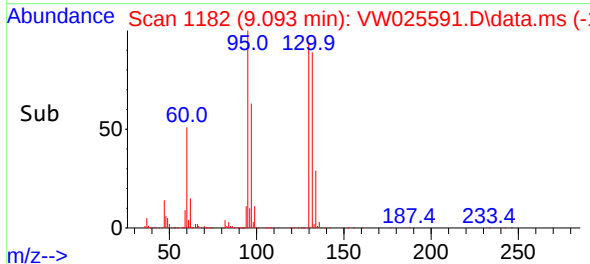
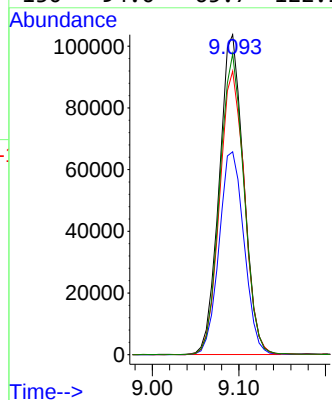
#34
Trichloroethene
Concen: 25.783 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.001 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 203319

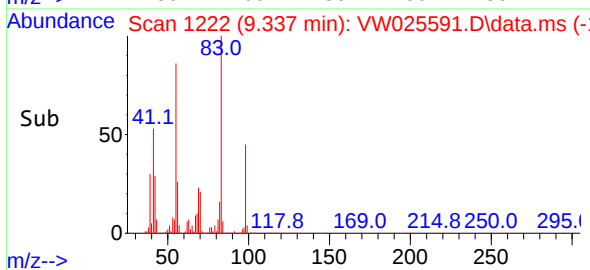
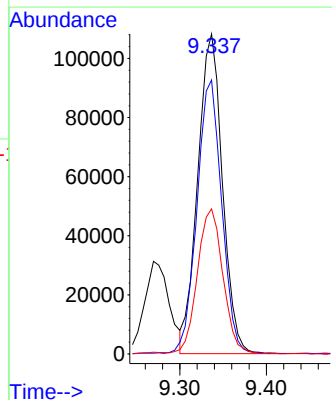
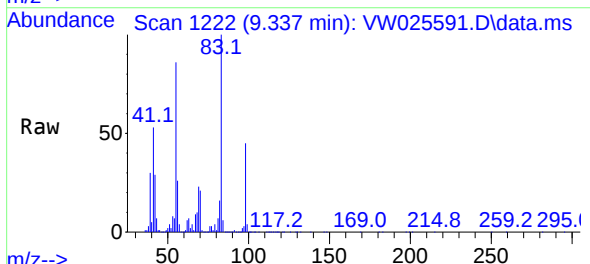
Ion	Ratio	Lower	Upper
95	100		
97	63.4	42.5	78.9
132	88.6	59.8	111.1
130	94.0	65.7	122.1

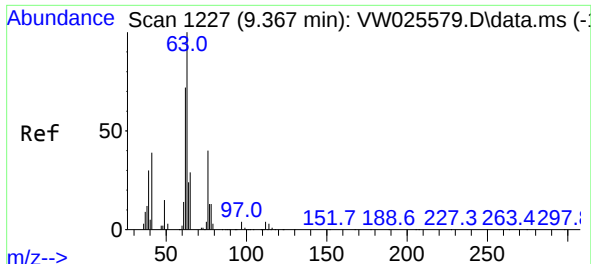


#35
Methylcyclohexane
Concen: 15.054 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

Tgt Ion: 83 Resp: 214355

Ion	Ratio	Lower	Upper
83	100		
55	86.1	68.7	103.1
98	47.0	37.7	56.5

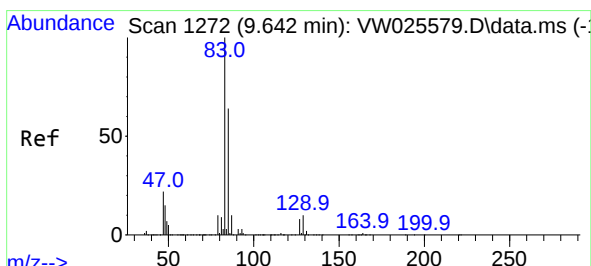
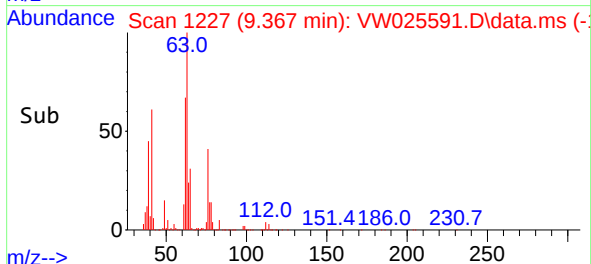
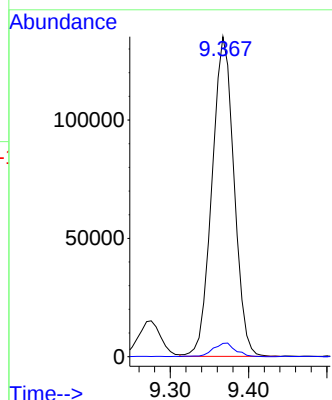
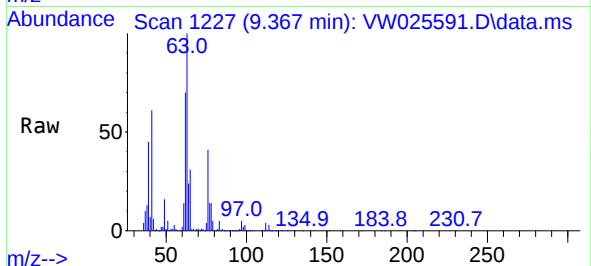




#37
1,2-Dichloropropane
Concen: 32.972 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

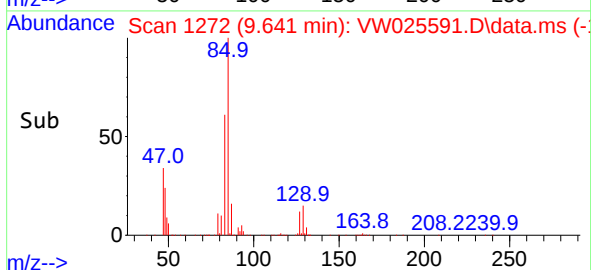
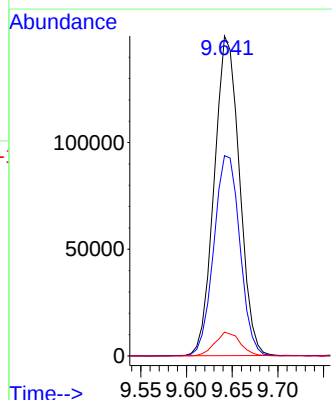
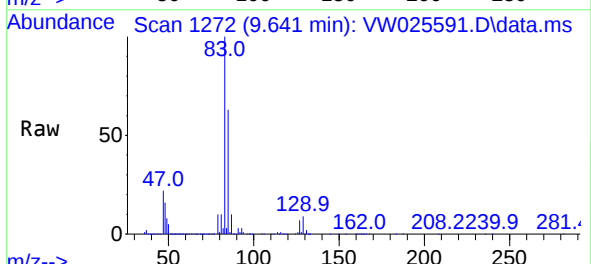
Instrument :
MSVOA_W
ClientSampleId :

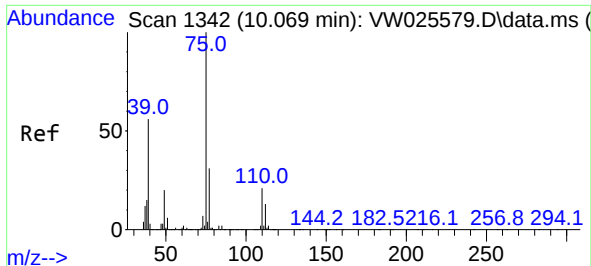
Tgt Ion: 63 Resp: 263995
Ion Ratio Lower Upper
63 100
112 4.2 3.4 5.0



#38
Bromodichloromethane
Concen: 31.424 ug/L
RT: 9.641 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

Tgt Ion: 83 Resp: 287872
Ion Ratio Lower Upper
83 100
85 62.6 43.5 80.7
127 7.5 5.8 8.8

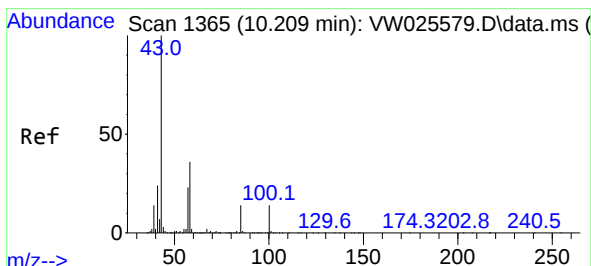
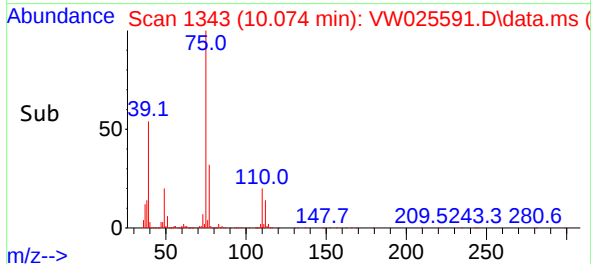
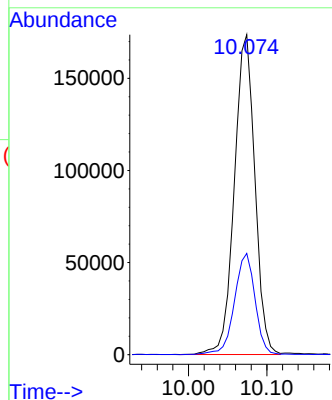
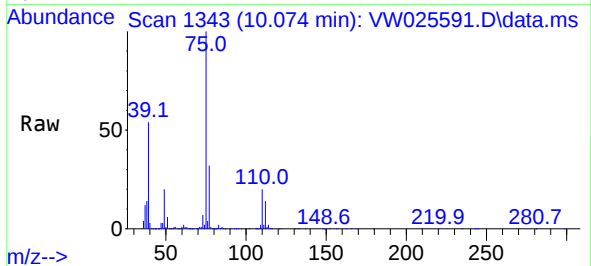




#39
cis-1,3-Dichloropropene
Concen: 27.479 ug/L
RT: 10.074 min Scan# 1342
Delta R.T. 0.006 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

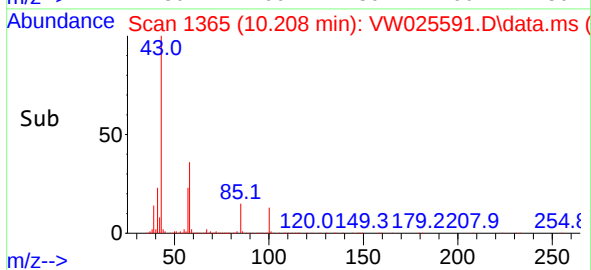
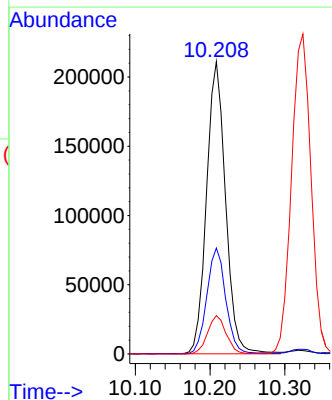
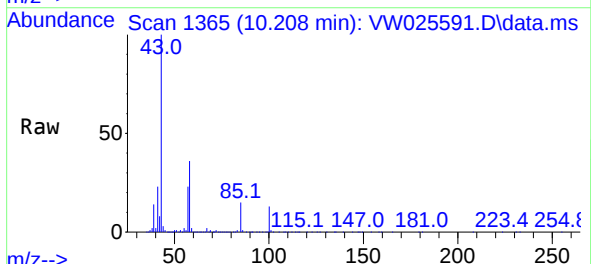
Instrument :
MSVOA_W
ClientSampleId :

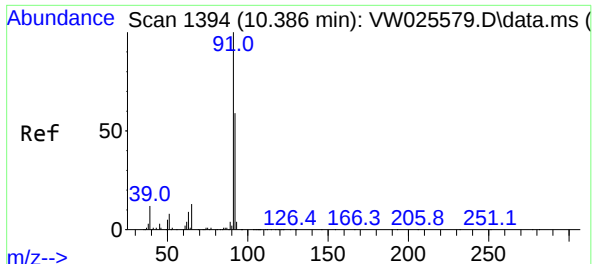
Tgt Ion: 75 Resp: 315600
Ion Ratio Lower Upper
75 100
77 31.7 22.8 42.4



#40
4-Methyl-2-pentanone
Concen: 82.154 ug/L
RT: 10.208 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

Tgt Ion: 43 Resp: 372315
Ion Ratio Lower Upper
43 100
58 36.0 29.2 43.8
100 12.9 10.2 15.4





#42

Toluene

Concen: 27.285 ug/L

RT: 10.385 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025591.D

Acq: 19 Apr 2023 19:30

Instrument :

MSVOA_W

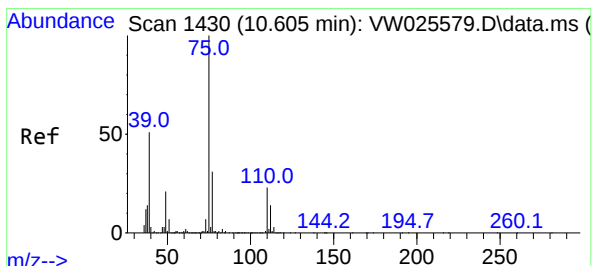
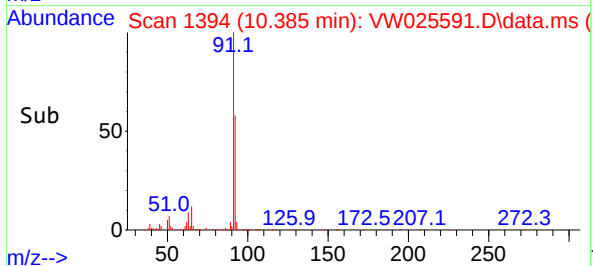
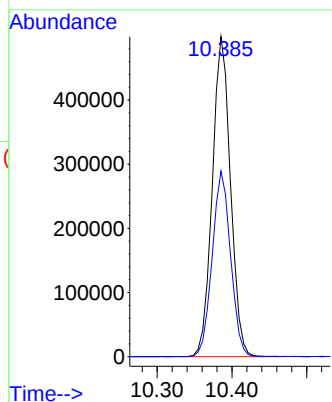
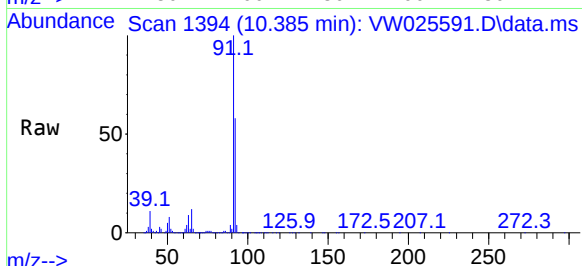
ClientSampleId :

Tgt Ion: 91 Resp: 842320

Ion Ratio Lower Upper

91 100

92 57.9 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 26.809 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.001 min

Lab File: VW025591.D

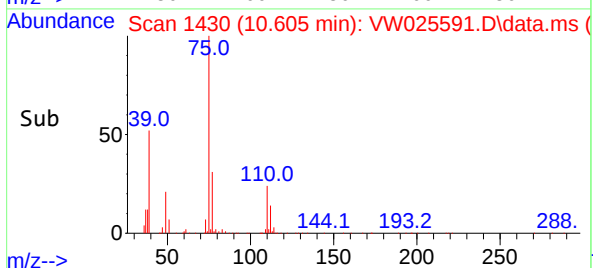
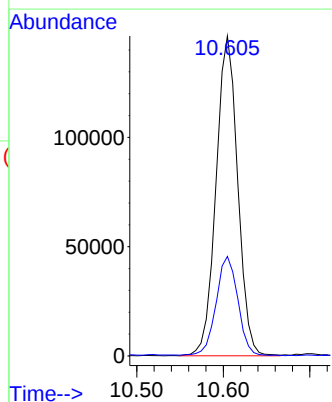
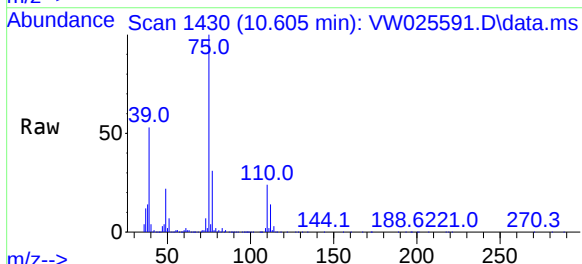
Acq: 19 Apr 2023 19:30

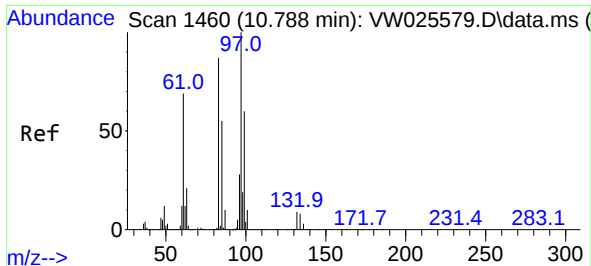
Tgt Ion: 75 Resp: 253898

Ion Ratio Lower Upper

75 100

77 31.1 22.5 41.9



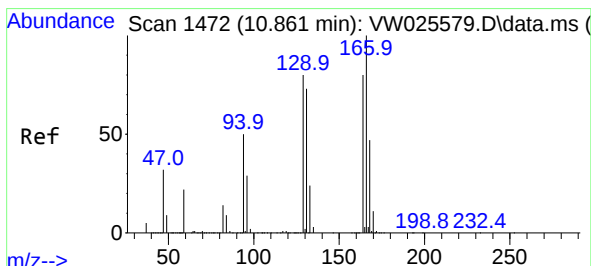
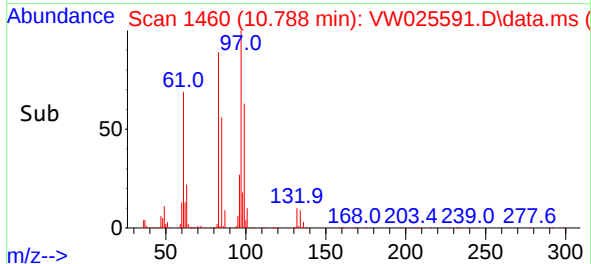
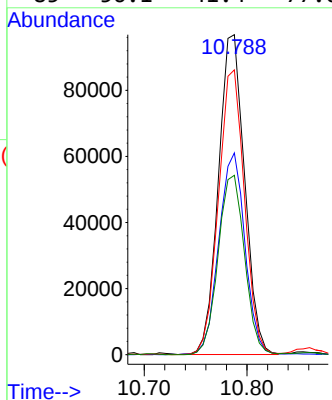
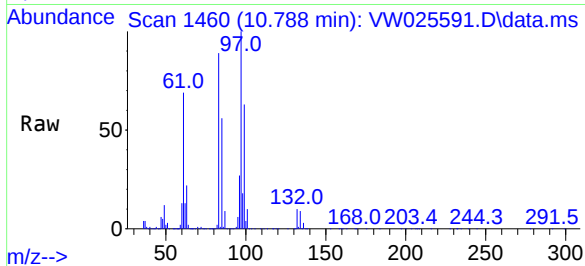


#45
1,1,2-Trichloroethane
Concen: 33.561 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.001 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 171337

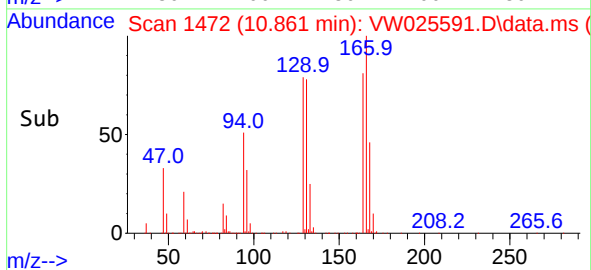
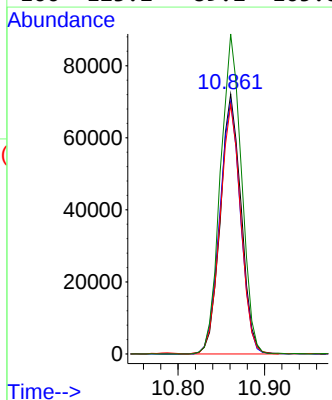
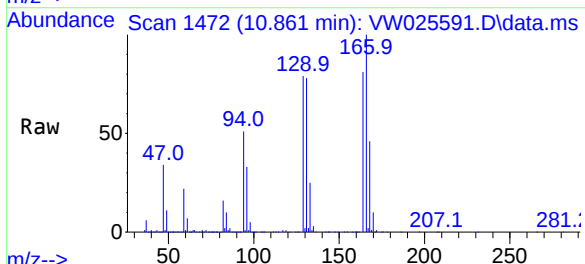
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.8	81.3
83	89.0	61.8	114.8
85	56.1	41.4	77.0

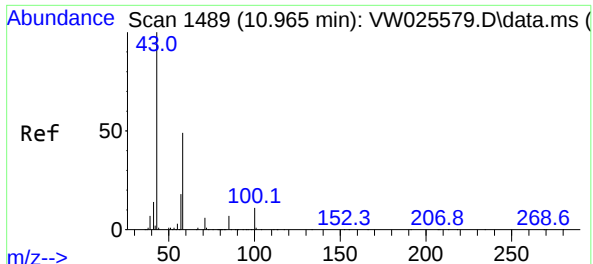


#46
Tetrachloroethene
Concen: 21.581 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

Tgt Ion: 164 Resp: 119692

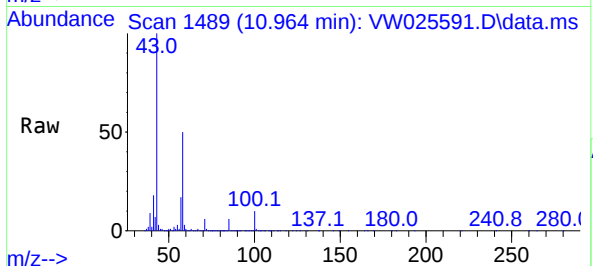
Ion	Ratio	Lower	Upper
164	100		
129	97.3	76.9	142.9
131	95.9	70.5	130.9
166	123.2	89.2	165.8





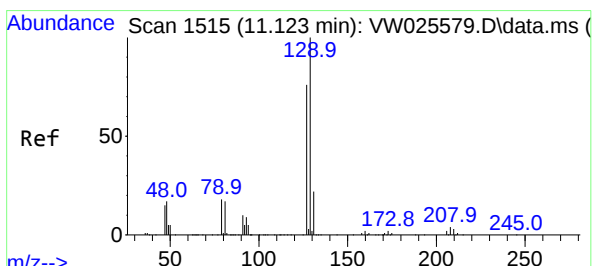
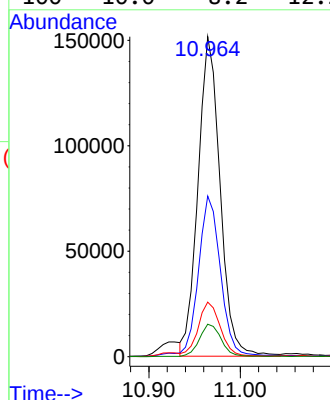
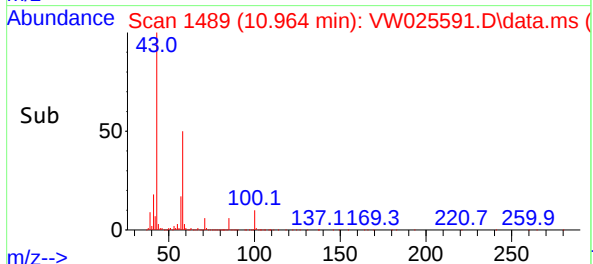
#48
2-Hexanone
Concen: 81.385 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

Instrument :
MSVOA_W
ClientSampleId :

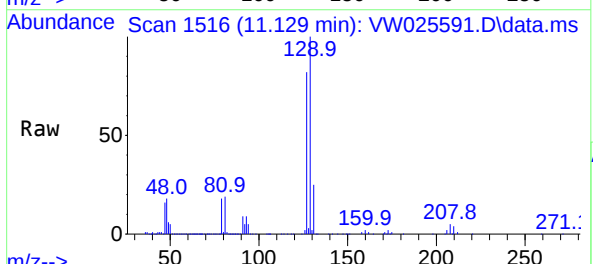


Tgt Ion: 43 Resp: 254838

Ion	Ratio	Lower	Upper
43	100		
58	48.7	38.6	57.8
57	17.2	13.9	20.9
100	10.0	8.2	12.2

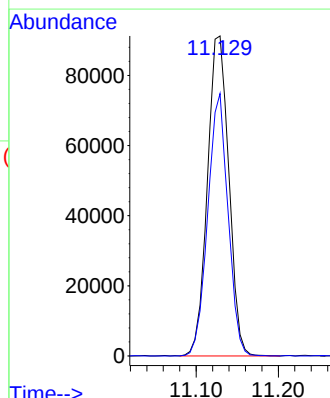
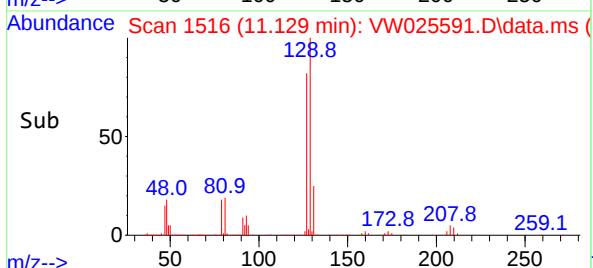


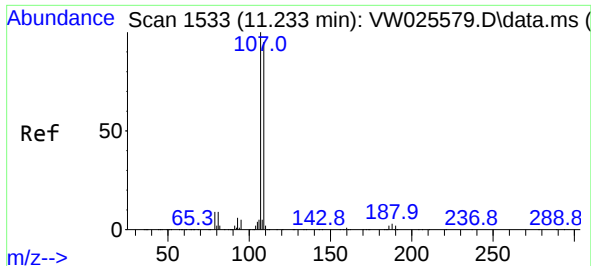
#49
Dibromochloromethane
Concen: 30.655 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30



Tgt Ion: 129 Resp: 164776

Ion	Ratio	Lower	Upper
129	100		
127	82.0	54.0	100.2

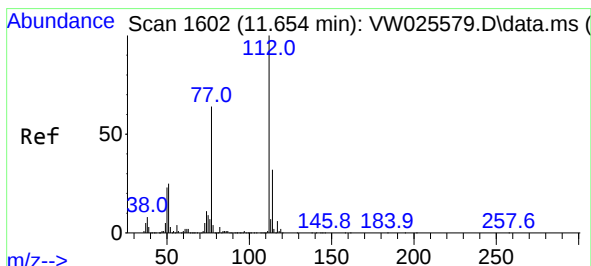
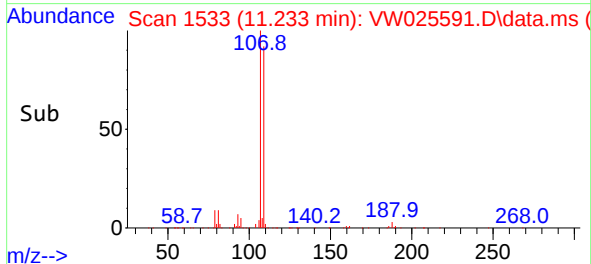
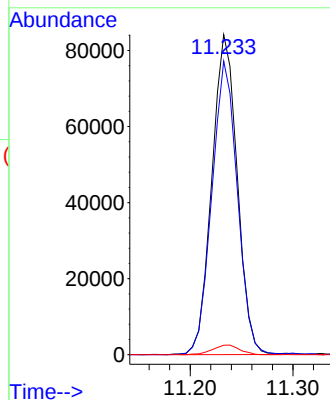
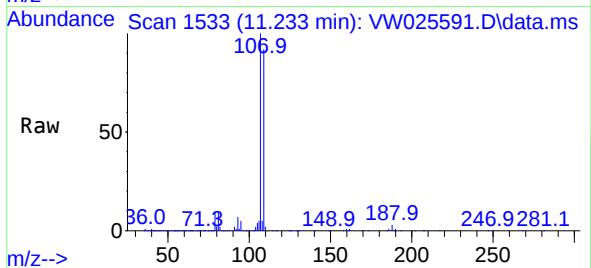




#50
1,2-Dibromoethane
Concen: 30.751 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

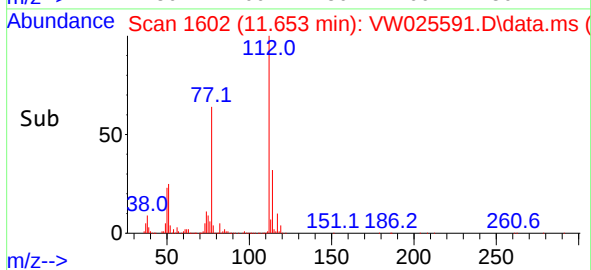
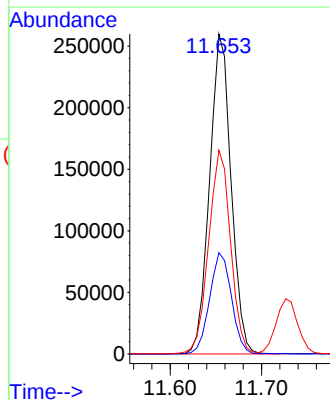
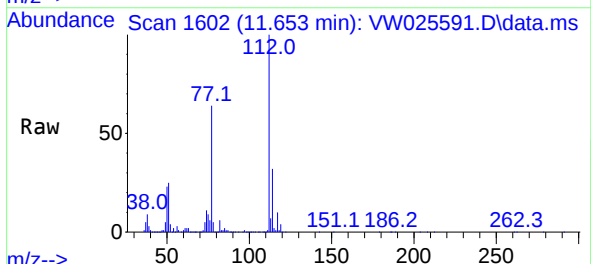
Instrument :
MSVOA_W
ClientSampleId :

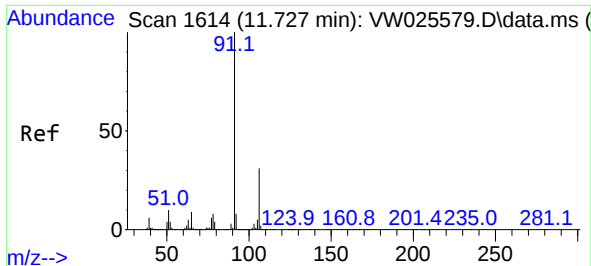
Tgt Ion:107 Resp: 144243
Ion Ratio Lower Upper
107 100
109 91.8 64.1 119.1
188 3.0 2.8 4.2



#51
Chlorobenzene
Concen: 22.277 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

Tgt Ion:112 Resp: 423765
Ion Ratio Lower Upper
112 100
114 31.6 21.6 40.2
77 63.6 50.2 75.2

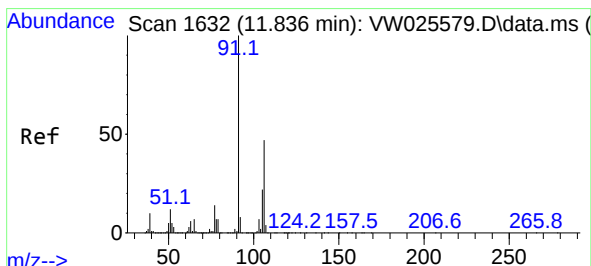
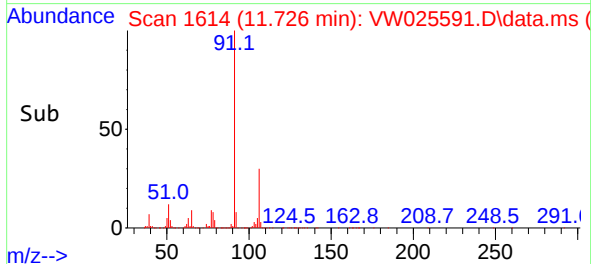
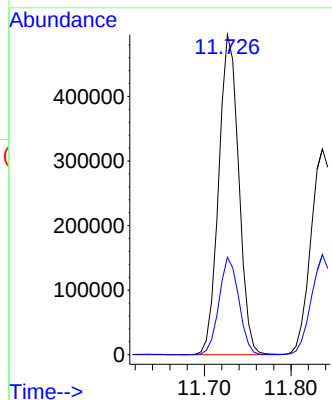
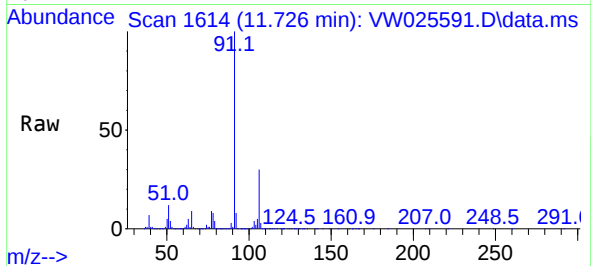




#52
Ethylbenzene
Concen: 22.783 ug/L
RT: 11.726 min Scan# 1614
Delta R.T. -0.001 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

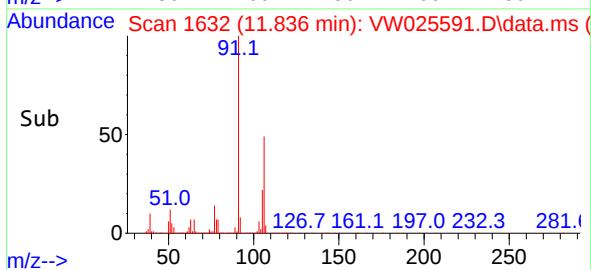
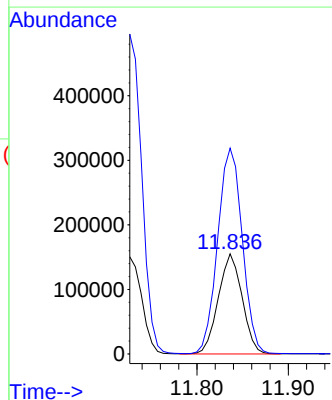
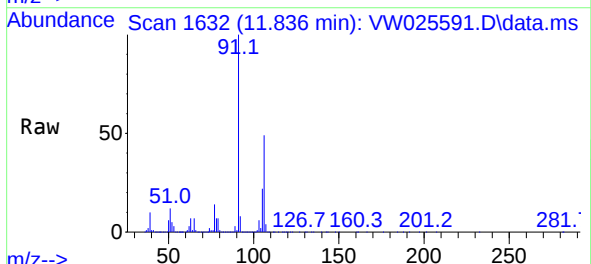
Instrument :
MSVOA_W
ClientSampleId :

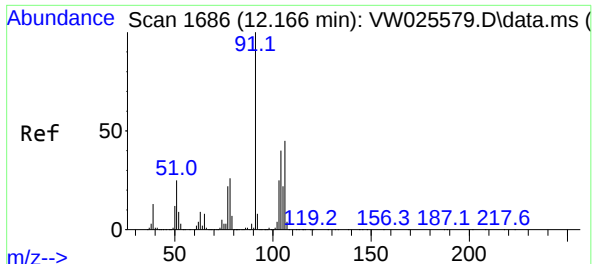
Tgt Ion: 91 Resp: 795899
Ion Ratio Lower Upper
91 100
106 30.4 20.3 37.7



#53
m,p-Xylene
Concen: 21.917 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

Tgt Ion:106 Resp: 280777
Ion Ratio Lower Upper
106 100
91 205.3 148.0 274.8

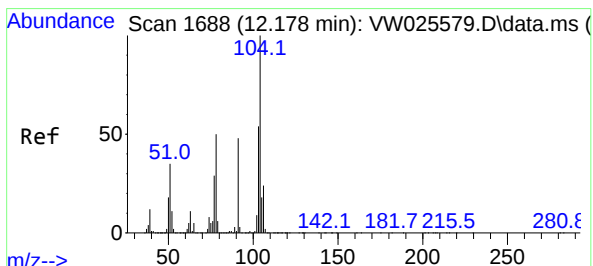
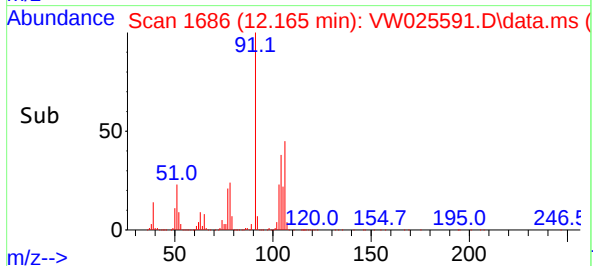
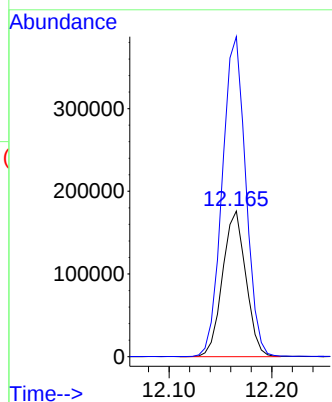
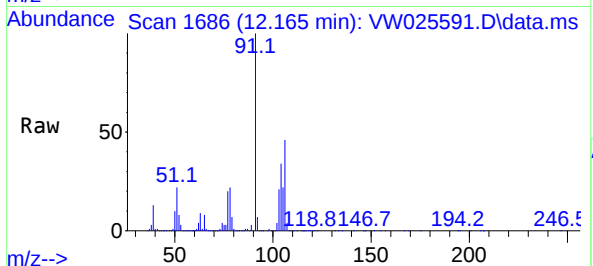




#54
o-Xylene
Concen: 23.108 ug/L
RT: 12.165 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

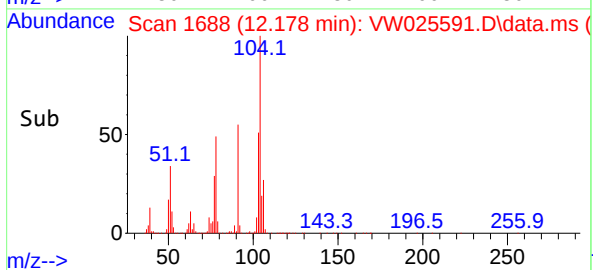
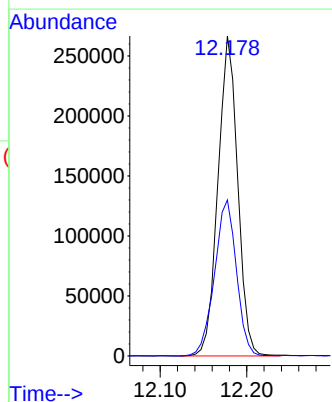
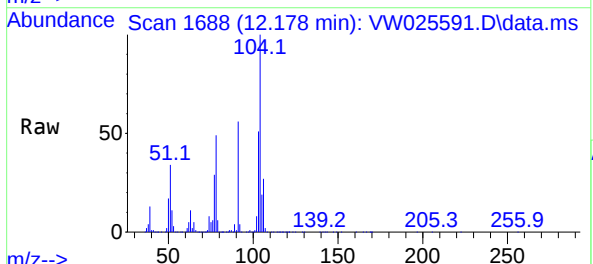
Instrument :
MSVOA_W
ClientSampleId :

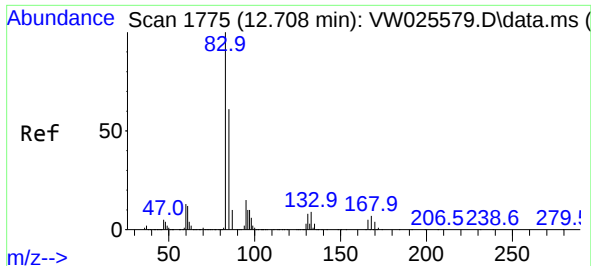
Tgt Ion:106 Resp: 276940
Ion Ratio Lower Upper
106 100
91 219.7 158.2 293.8



#55
Styrene
Concen: 20.900 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

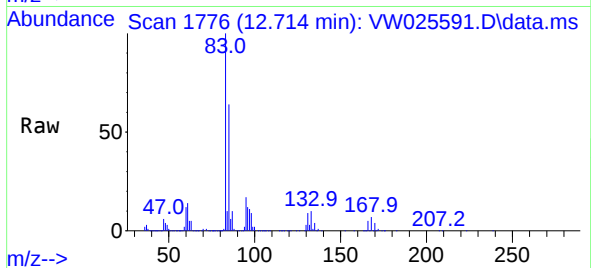
Tgt Ion:104 Resp: 421600
Ion Ratio Lower Upper
104 100
78 48.8 33.3 61.9



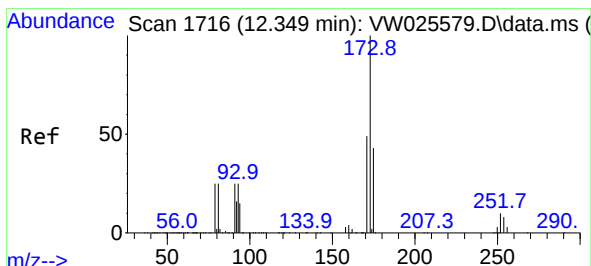
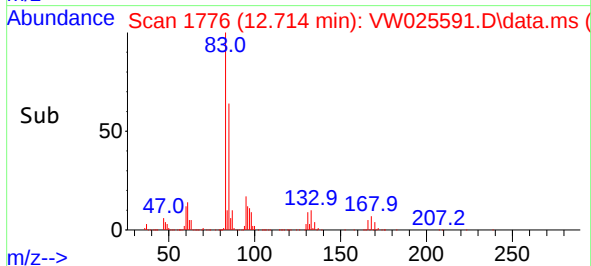
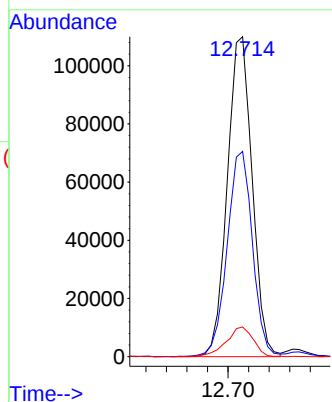


#57
1,1,2,2-Tetrachloroethane
Concen: 30.286 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

Instrument :
MSVOA_W
ClientSampleId :

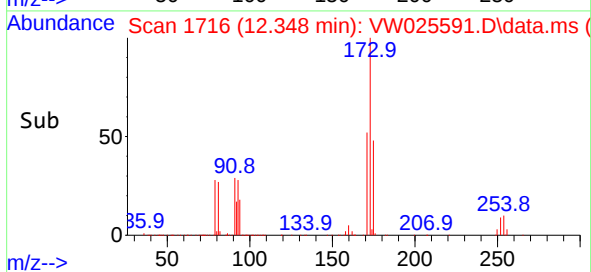
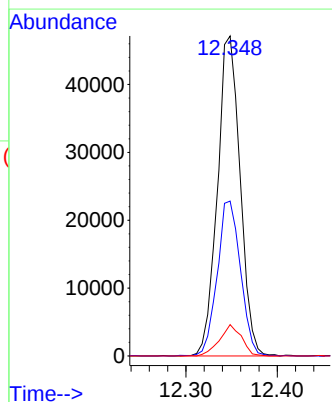
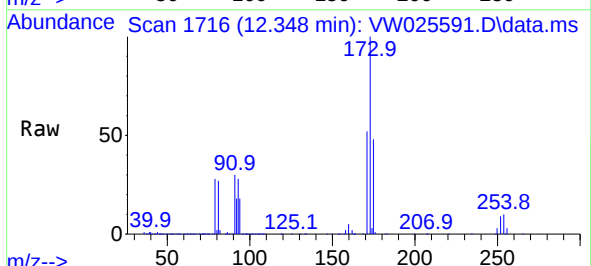


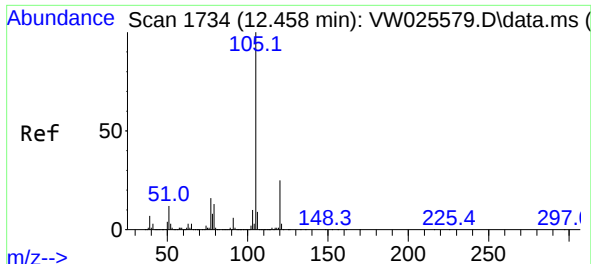
Tgt Ion: 83 Resp: 185202
Ion Ratio Lower Upper
83 100
85 64.2 43.5 80.7
131 9.3 7.0 10.4



#59
Bromoform
Concen: 48.748 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

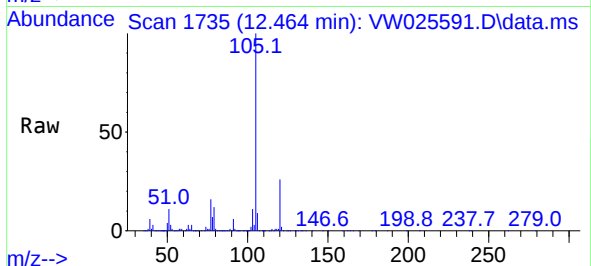
Tgt Ion: 173 Resp: 81527
Ion Ratio Lower Upper
173 100
175 49.5 36.1 54.1
254 9.5 7.0 10.6



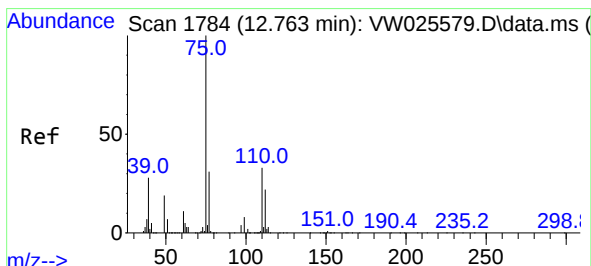
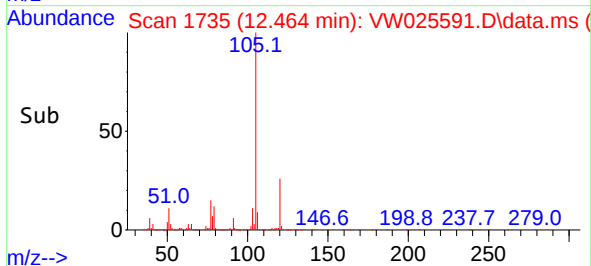
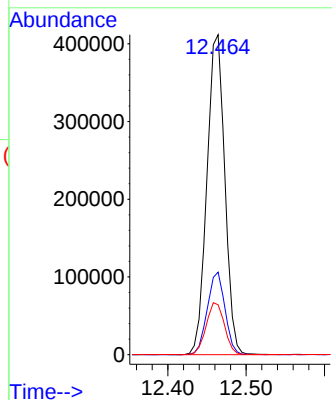


#60
Isopropylbenzene
Concen: 34.077 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

Instrument :
MSVOA_W
ClientSampleId :

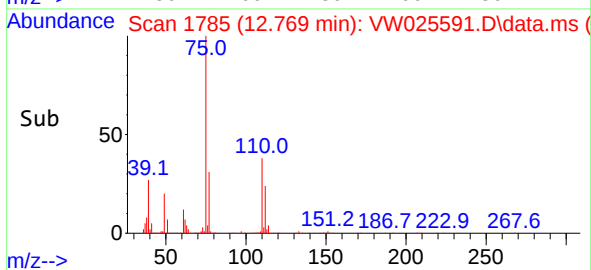
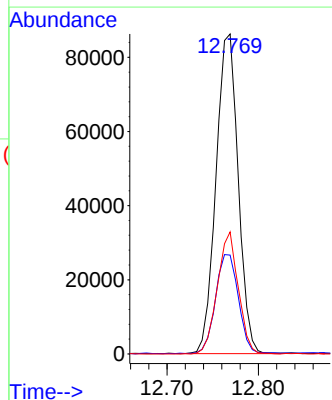
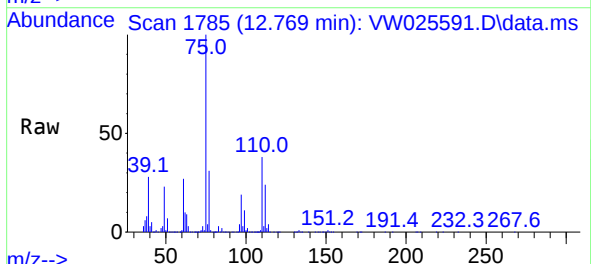


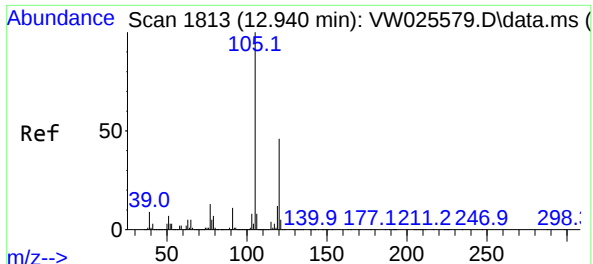
Tgt Ion:105 Resp: 651506
Ion Ratio Lower Upper
105 100
120 25.5 20.1 30.1
77 16.6 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 57.468 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

Tgt Ion: 75 Resp: 145367
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2
110 36.1 29.0 43.6

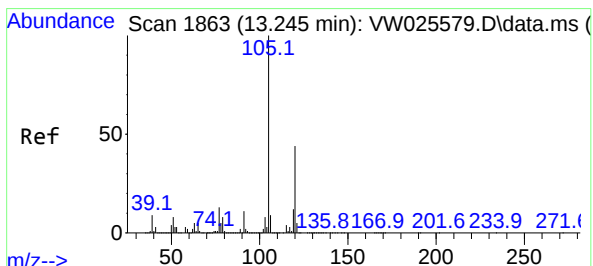
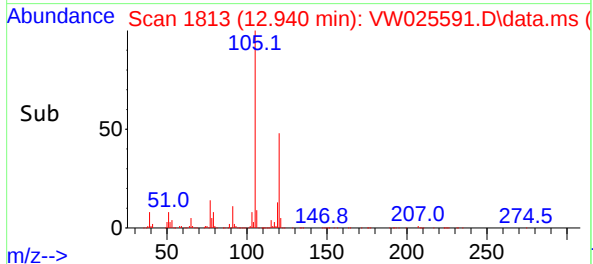
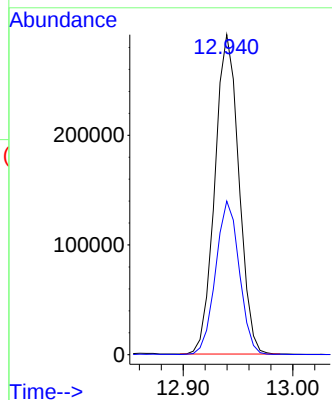
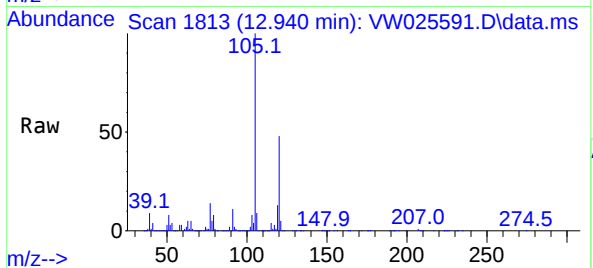




#62
1,3,5-Trimethylbenzene
Concen: 29.416 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

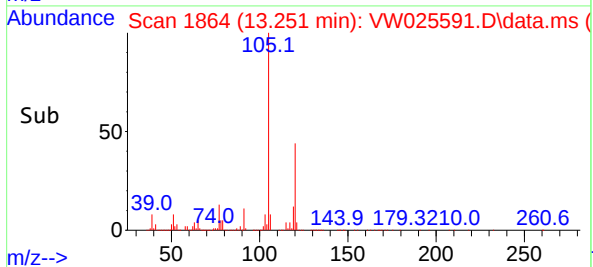
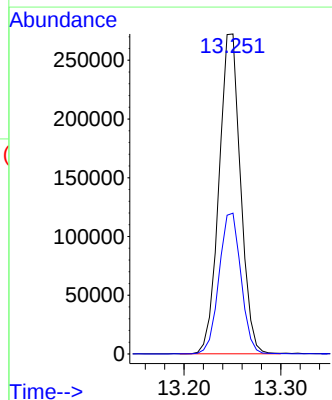
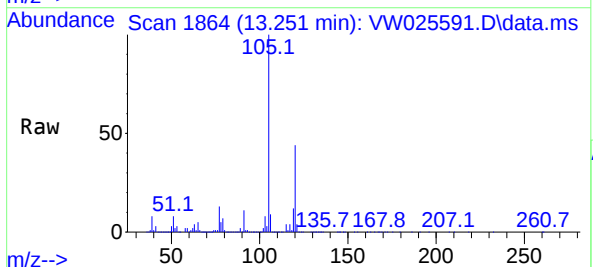
Instrument :
MSVOA_W
ClientSampleId :

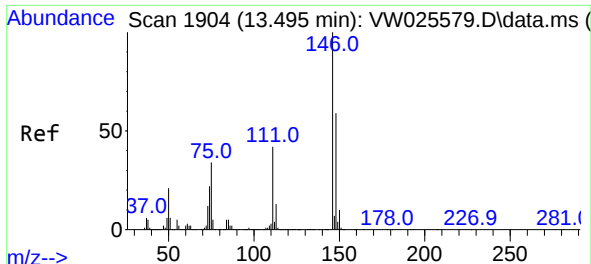
Tgt Ion:105 Resp: 443947
Ion Ratio Lower Upper
105 100
120 47.2 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 28.952 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

Tgt Ion:105 Resp: 420745
Ion Ratio Lower Upper
105 100
120 44.6 34.8 52.2

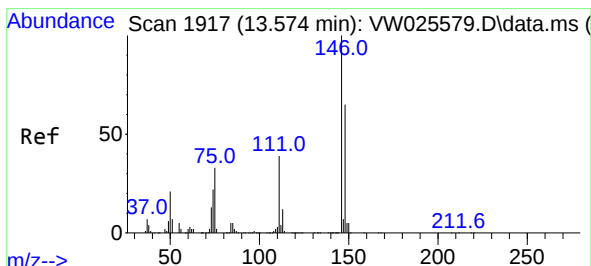
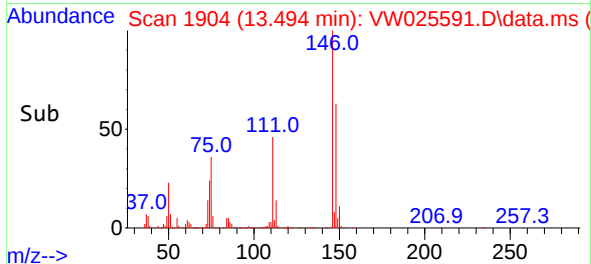
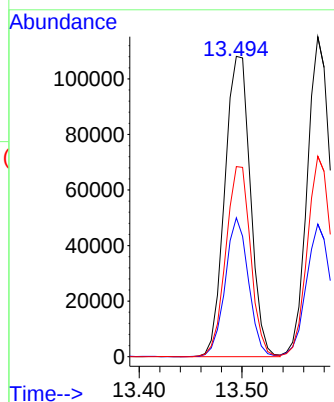
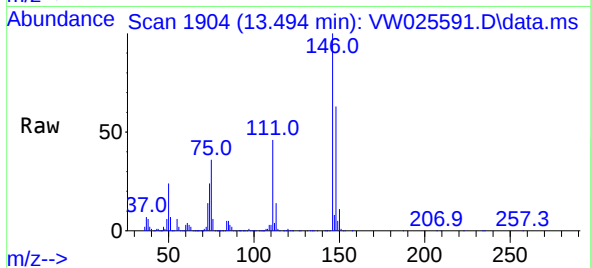




#64
1,3-Dichlorobenzene
Concen: 23.615 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

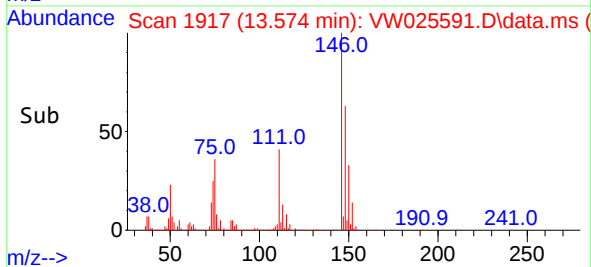
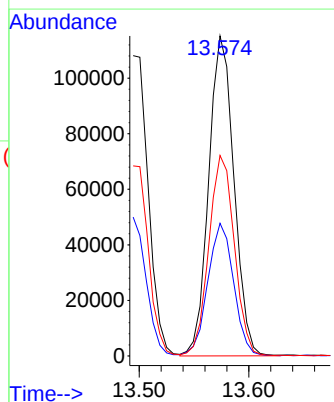
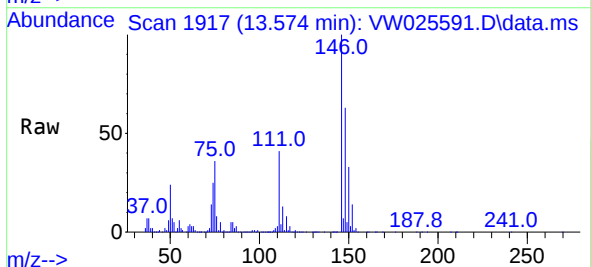
Instrument :
MSVOA_W
ClientSampleId :

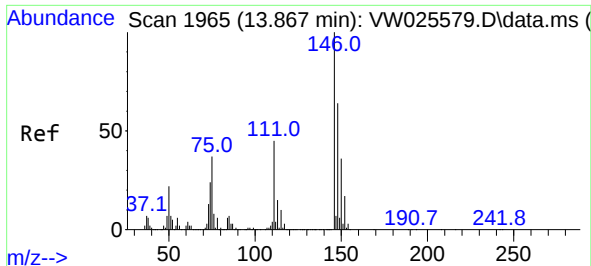
Tgt Ion:146 Resp: 187092
Ion Ratio Lower Upper
146 100
111 46.2 29.7 55.1
148 63.3 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 22.814 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.001 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

Tgt Ion:146 Resp: 184589
Ion Ratio Lower Upper
146 100
111 41.5 30.4 56.5
148 62.7 48.6 90.3





#67

1,2-Dichlorobenzene

Concen: 23.863 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.001 min

Lab File: VW025591.D

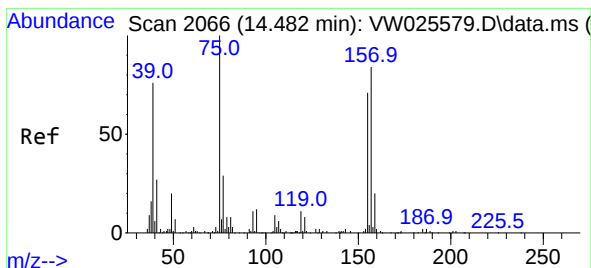
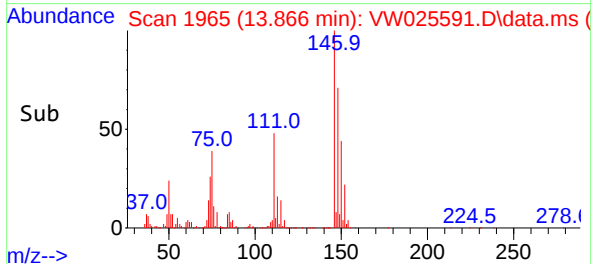
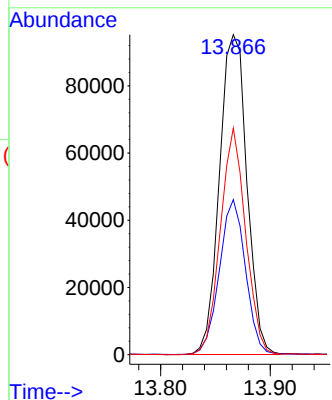
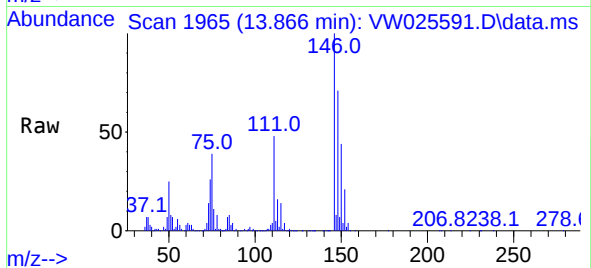
Acq: 19 Apr 2023 19:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	146	Resp:	165743
Ion	Ratio	Lower	Upper
146	100		
111	48.5	35.3	52.9
148	70.8	47.9	71.9



#68

1,2-Dibromo-3-chloropropane

Concen: 49.676 ug/L

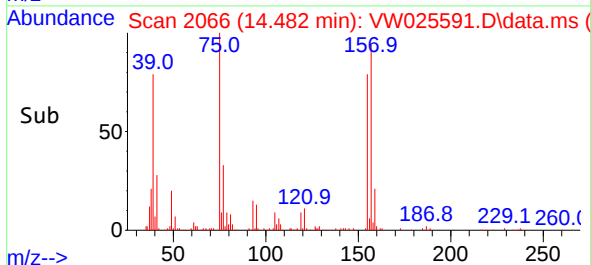
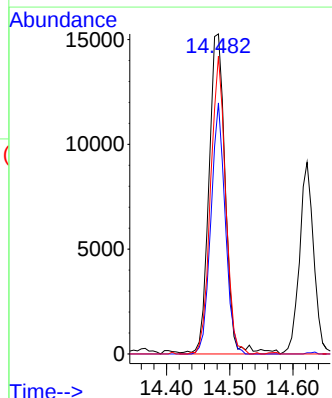
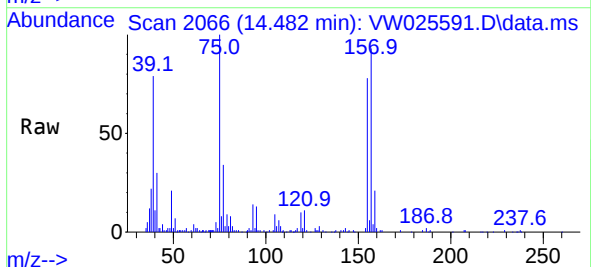
RT: 14.482 min Scan# 2066

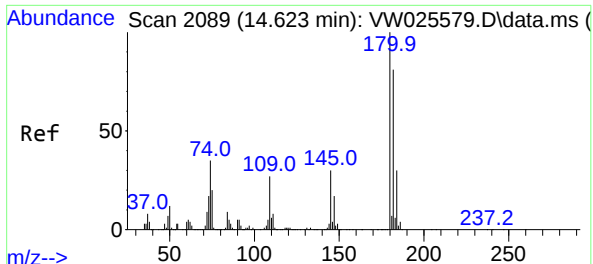
Delta R.T. -0.000 min

Lab File: VW025591.D

Acq: 19 Apr 2023 19:30

Tgt Ion:	75	Resp:	27565
Ion	Ratio	Lower	Upper
75	100		
155	78.5	61.1	91.7
157	93.1	72.8	109.2





#69

1,3,5-Trichlorobenzene

Concen: 13.003 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

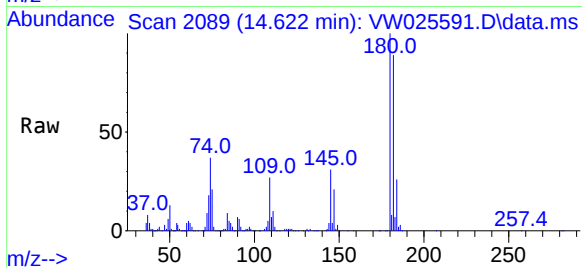
Lab File: VW025591.D

Acq: 19 Apr 2023 19:30

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 68976

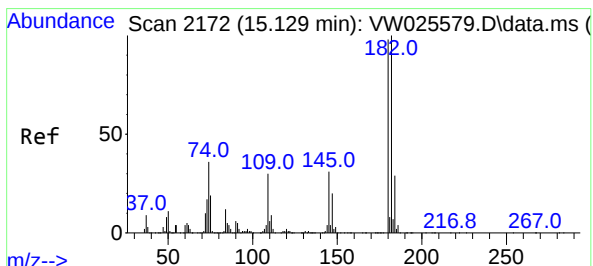
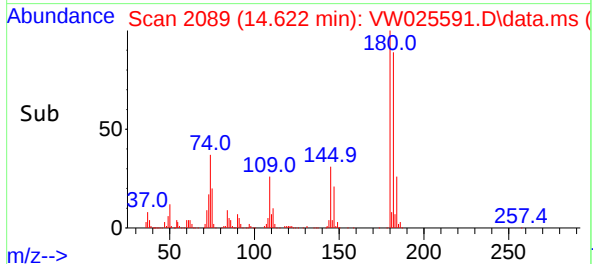
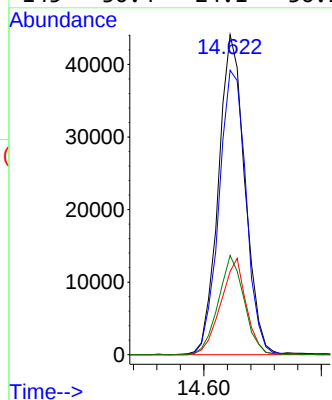
Ion Ratio Lower Upper

180 100

182 91.3 76.4 114.6

184 28.7 24.1 36.1

145 30.4 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 10.200 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025591.D

Acq: 19 Apr 2023 19:30

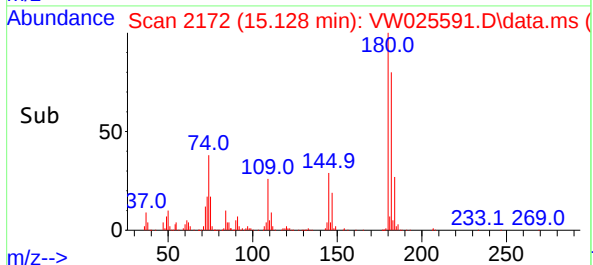
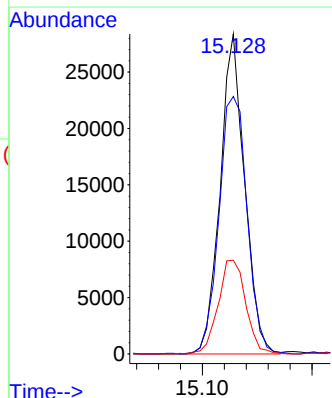
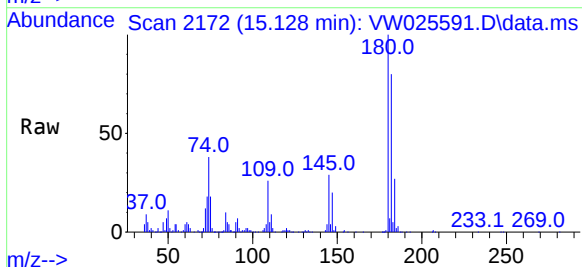
Tgt Ion:180 Resp: 43953

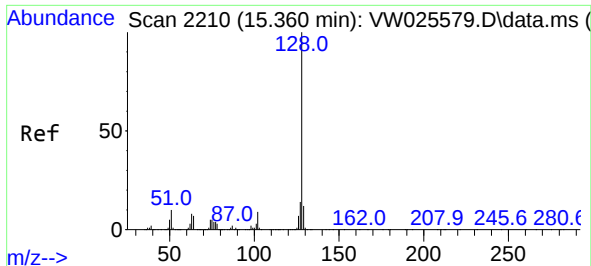
Ion Ratio Lower Upper

180 100

182 92.7 79.5 119.3

145 33.0 27.4 41.0

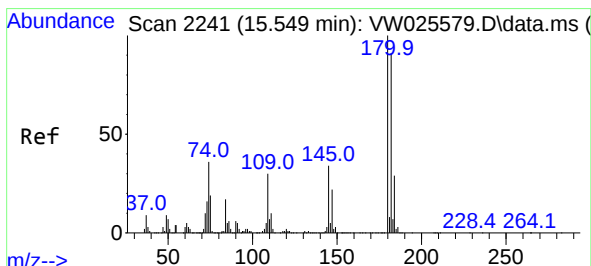
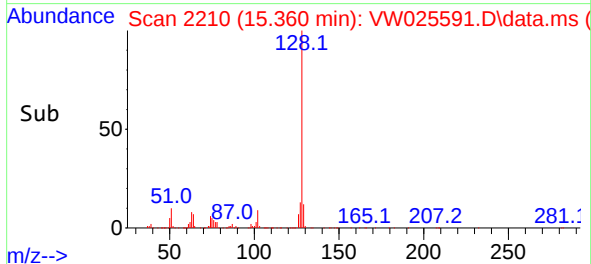
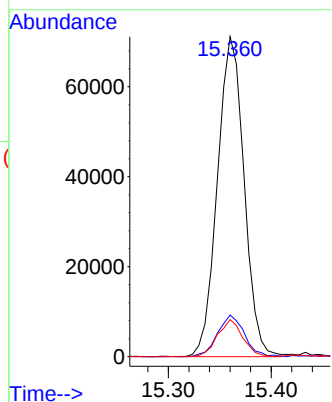
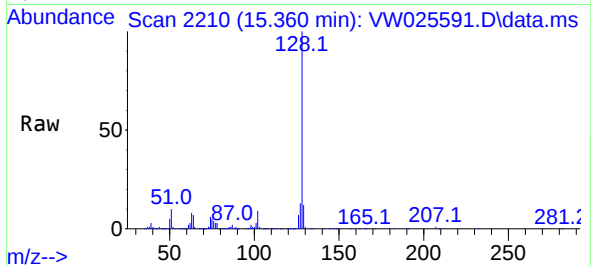




#71
Naphthalene
Concen: 15.934 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. -0.001 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	128112
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 9.662 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW025591.D
Acq: 19 Apr 2023 19:30

Tgt Ion:	180	Resp:	36400
Ion	Ratio	Lower	Upper
180	100		
182	98.4	72.9	109.3
145	34.1	27.0	40.6

