

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041923\
 Data File : VW025590.D
 Acq On : 19 Apr 2023 19:06
 Operator : SY/MD
 Sample : 02418-10MS
 Misc : 4.69g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 20 01:35:15 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	585198	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	370961	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	98567	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	190498	20.004	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.000%
7) Chloroethane-d5	2.899	69	158299	23.348	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	4.027	63	396529	20.590	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.360%
21) 2-Butanone-d5	7.075	46	112807	53.100	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.200%
24) Chloroform-d	7.648	84	400845	24.396	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	8.307	65	219041	25.625	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.480%
32) Benzene-d6	8.276	84	751987	31.306	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.240%
36) 1,2-Dichloropropane-d6	9.270	67	253969	33.910	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.640%#
41) Toluene-d8	10.325	98	554819	26.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.760%
43) trans-1,3-Dichloroprop...	10.575	79	71579	25.491	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.960%
47) 2-Hexanone-d5	10.922	63	71406	69.752	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.500%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	152146	30.098	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.400%#
66) 1,2-Dichlorobenzene-d4	13.855	152	74024	21.860	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	149697	18.293	ug/L	91
3) Chloromethane	2.222	50	244268	25.728	ug/L	99
5) Vinyl chloride	2.375	62	255276	24.322	ug/L	98
6) Bromomethane	2.789	94	107115	18.972	ug/L	99
8) Chloroethane	2.936	64	151917	25.844	ug/L	94
9) Trichlorofluoromethane	3.265	101	187510	23.190	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	162610	20.041	ug/L	96
12) 1,1-Dichloroethene	4.045	96	183178	22.554	ug/L	99
13) Acetone	4.118	43	137428	76.434	ug/L	98
14) Carbon disulfide	4.393	76	475719	16.602	ug/L	98
15) Methyl Acetate	4.673	43	70276	17.397	ug/L	96
16) Methylene chloride	4.917	84	232813	25.029	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	179773	20.820	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	360088	30.218	ug/L	99
19) 1,1-Dichloroethane	6.216	63	445565	25.827	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	211744	23.569	ug/L	95
22) 2-Butanone	7.167	43	185995	72.768	ug/L	93
23) Bromochloromethane	7.514	128	92466	25.097	ug/L	91
25) Chloroform	7.679	83	398995	25.291	ug/L	98

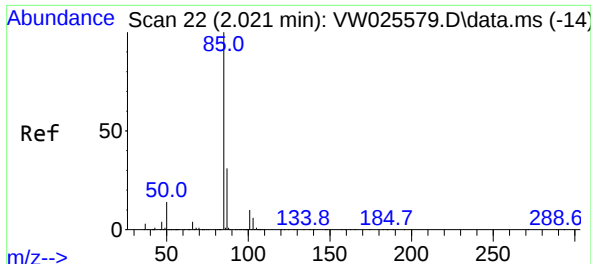
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041923\
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Quant Time: Apr 20 01:35:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 19 04:10:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	276284	26.097	ug/L	96
29) Cyclohexane	7.959	56	233869	19.478	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	292871	31.774	ug/L	100
31) Carbon tetrachloride	8.069	117	231290	27.786	ug/L	98
33) Benzene	8.325	78	837433	32.433	ug/L	100
34) Trichloroethene	9.093	95	172754	25.722	ug/L	94
35) Methylcyclohexane	9.337	83	160792	13.258	ug/L	98
37) 1,2-Dichloropropane	9.368	63	240541	35.274	ug/L	100
38) Bromodichloromethane	9.642	83	250632	32.123	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	254856	26.054	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	319260	82.714	ug/L	99
42) Toluene	10.386	91	713560	27.139	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	210118	26.050	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	148642	34.186	ug/L	97
46) Tetrachloroethene	10.861	164	90604	19.181	ug/L	93
48) 2-Hexanone	10.965	43	215904	80.958	ug/L	97
49) Dibromochloromethane	11.129	129	135842	29.673	ug/L	98
50) 1,2-Dibromoethane	11.233	107	119520	29.917	ug/L	96
51) Chlorobenzene	11.654	112	350462	21.631	ug/L	100
52) Ethylbenzene	11.727	91	616451	20.719	ug/L	98
53) m,p-Xylene	11.837	106	222626	20.404	ug/L	91
54) o-Xylene	12.166	106	215630	21.125	ug/L	94
55) Styrene	12.178	104	339524	19.762	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	149748	28.753	ug/L	98
59) Bromoform	12.349	173	63446	46.974	ug/L	94
60) Isopropylbenzene	12.465	105	472533	30.604	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	118678	58.094	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	314745	25.823	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	294560	25.098	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	134004	20.943	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	130288	19.938	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	123301	21.981	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	18787	41.923	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	46091	10.759	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	28686	8.243	ug/L	93
71) Naphthalene	15.360	128	85109	13.107	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	23157	7.611	ug/L	95

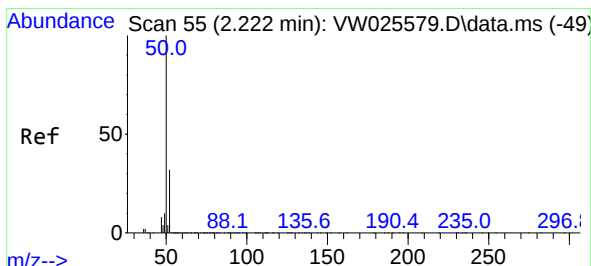
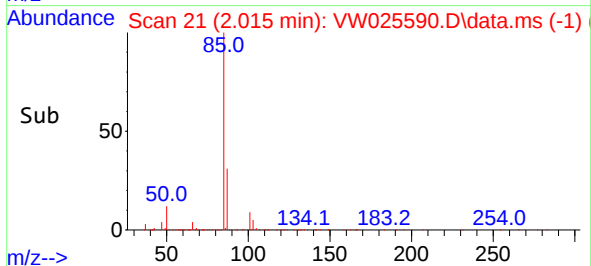
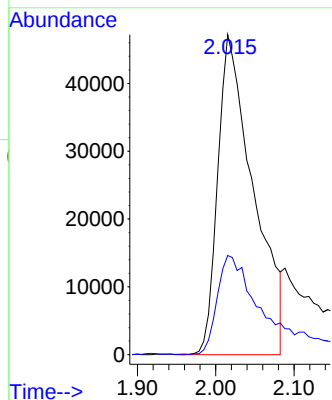
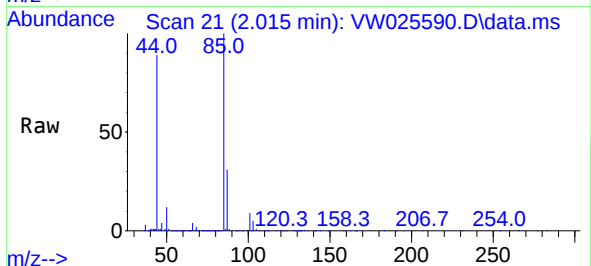
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#2
 Dichlorodifluoromethane
 Concen: 18.293 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW025590.D
 Acq: 19 Apr 2023 19:06

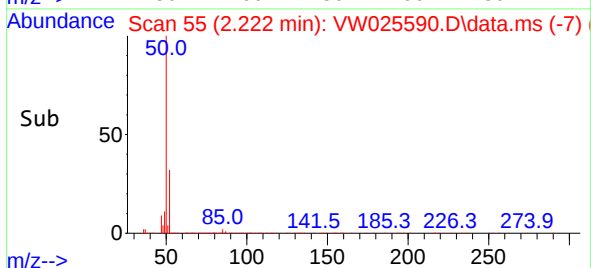
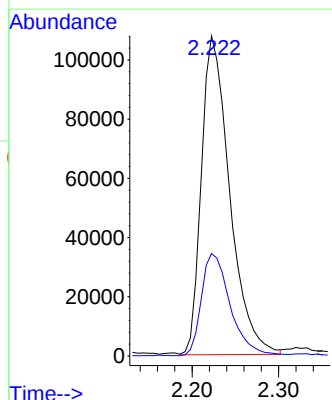
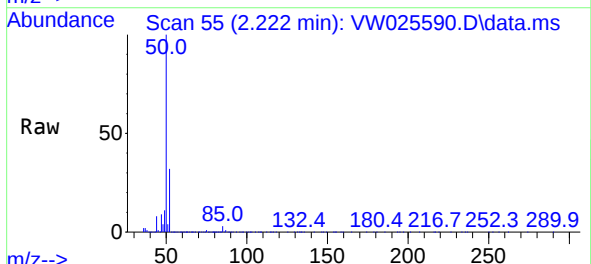
Instrument :
 MSVOA_W
 ClientSampleId :

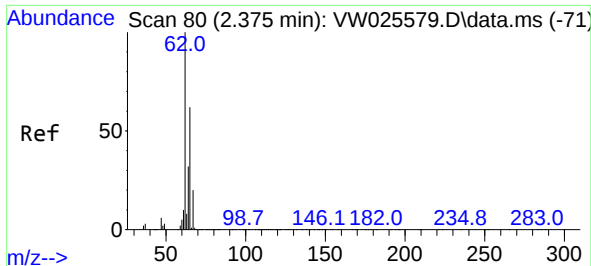
Tgt Ion: 85 Resp: 149697
 Ion Ratio Lower Upper
 85 100
 87 35.5 24.6 37.0



#3
 Chloromethane
 Concen: 25.728 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW025590.D
 Acq: 19 Apr 2023 19:06

Tgt Ion: 50 Resp: 244268
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.2 41.2

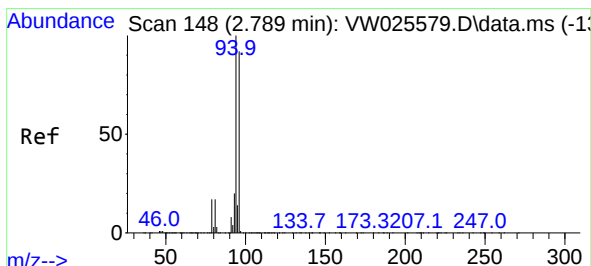
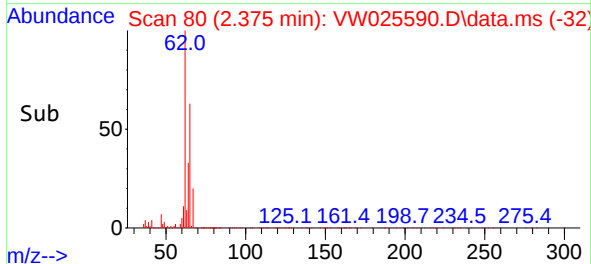
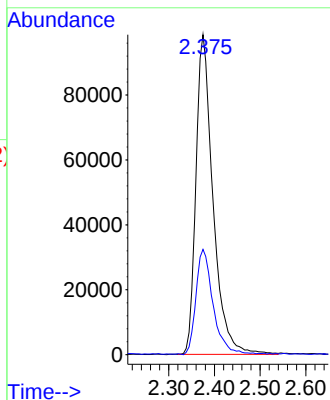
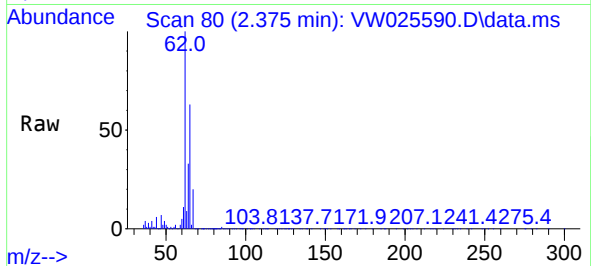




#5
 Vinyl chloride
 Concen: 24.322 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW025590.D
 Acq: 19 Apr 2023 19:06

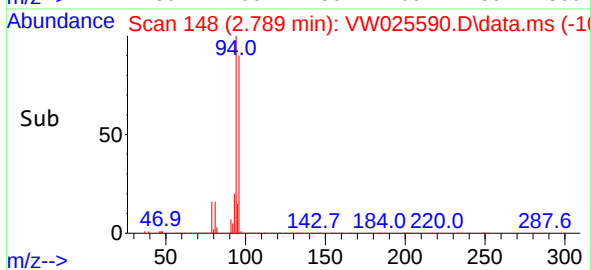
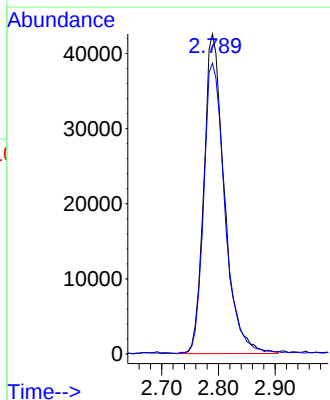
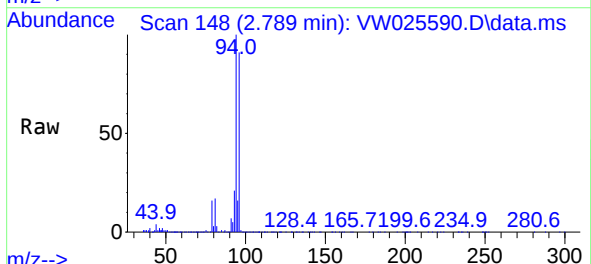
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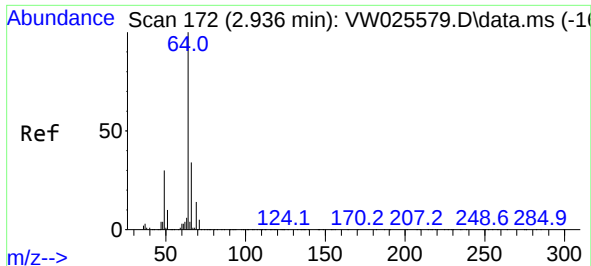
Tgt Ion: 62 Resp: 255276
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.9 44.3



#6
 Bromomethane
 Concen: 18.972 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW025590.D
 Acq: 19 Apr 2023 19:06

Tgt Ion: 94 Resp: 107115
 Ion Ratio Lower Upper
 94 100
 96 90.9 64.0 118.8

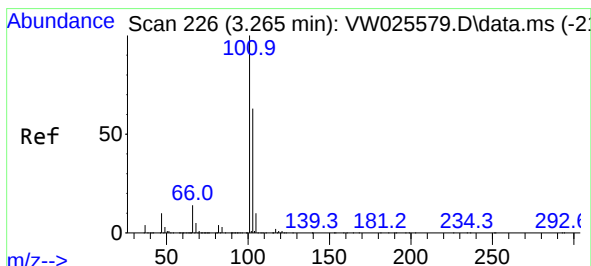
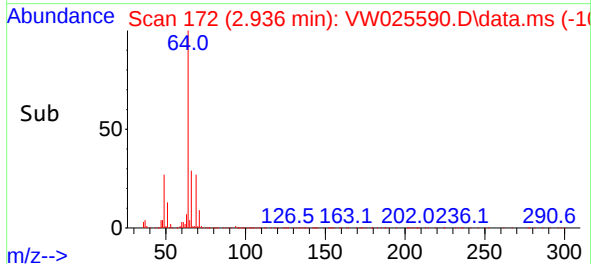
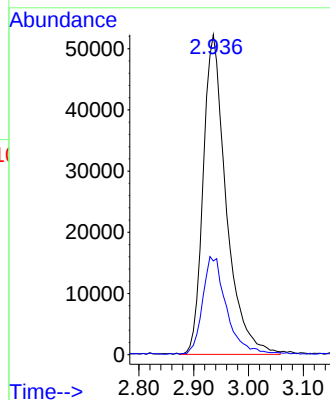
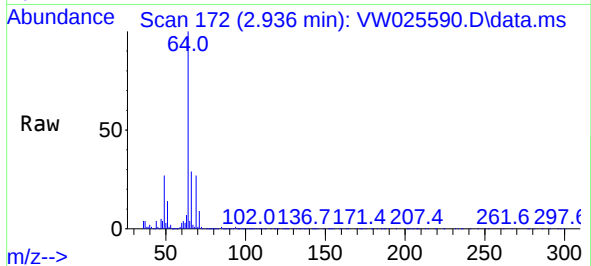




#8
Chloroethane
Concen: 25.844 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

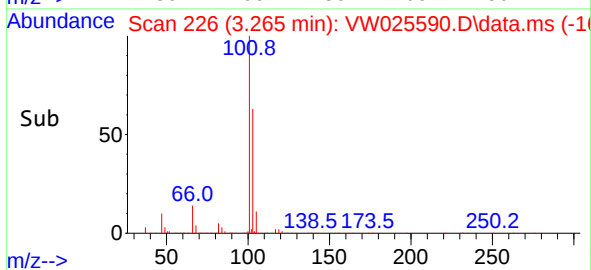
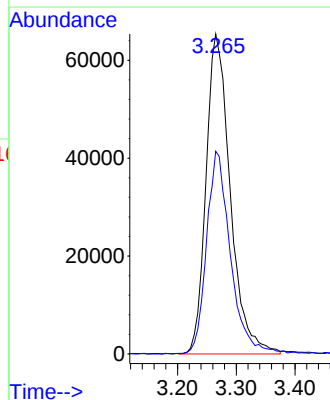
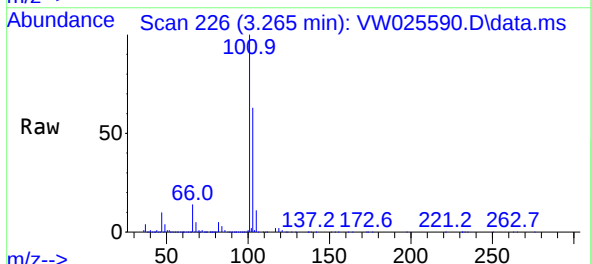
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ClientSampleId :

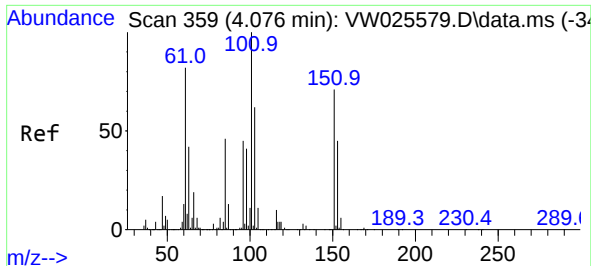
Tgt Ion: 64 Resp: 151917
Ion Ratio Lower Upper
64 100
66 29.3 22.9 42.5



#9
Trichlorofluoromethane
Concen: 23.190 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

Tgt Ion:101 Resp: 187510
Ion Ratio Lower Upper
101 100
103 61.8 52.3 78.5

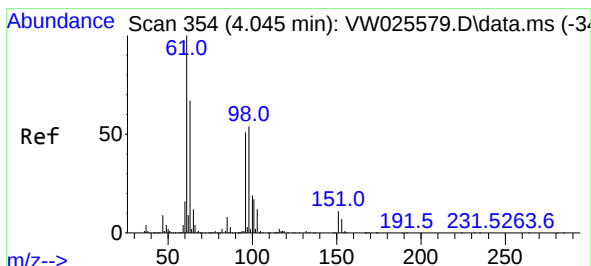
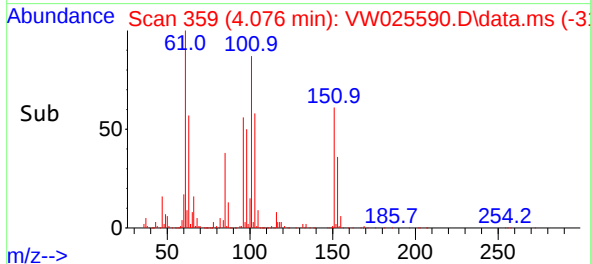
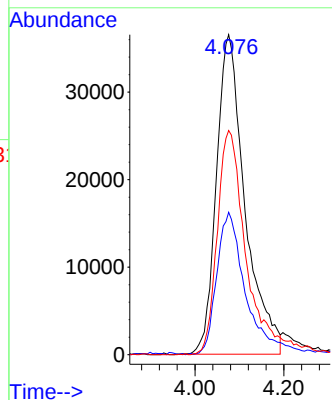
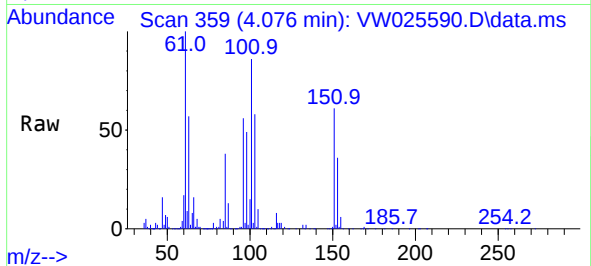




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.041 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW025590.D
 Acq: 19 Apr 2023 19:06

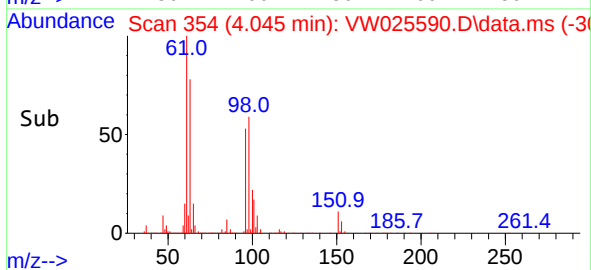
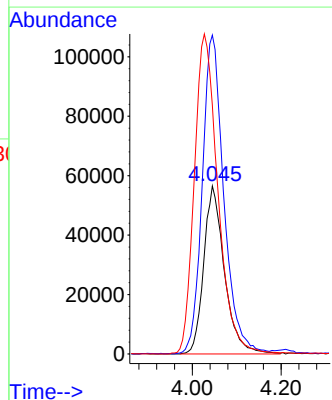
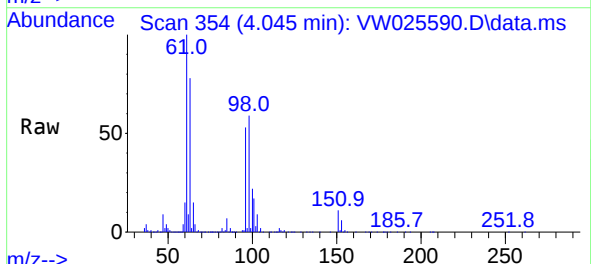
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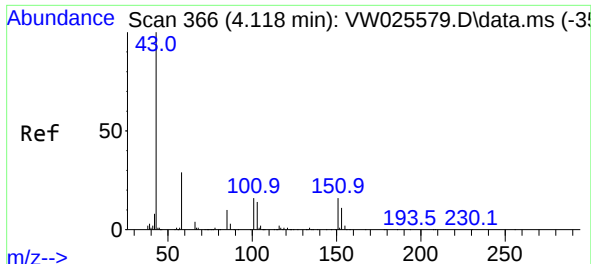
Tgt Ion:101 Resp: 162610
 Ion Ratio Lower Upper
 101 100
 85 45.0 34.5 51.7
 151 64.5 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 22.554 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW025590.D
 Acq: 19 Apr 2023 19:06

Tgt Ion: 96 Resp: 183178
 Ion Ratio Lower Upper
 96 100
 61 189.9 132.7 246.4
 63 148.0 105.0 195.0

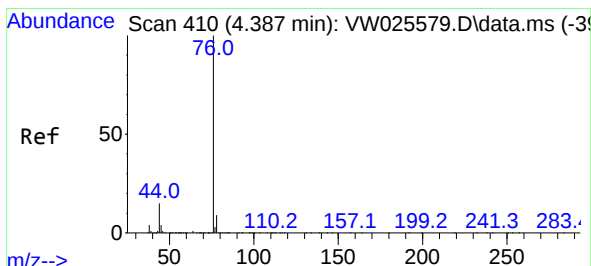
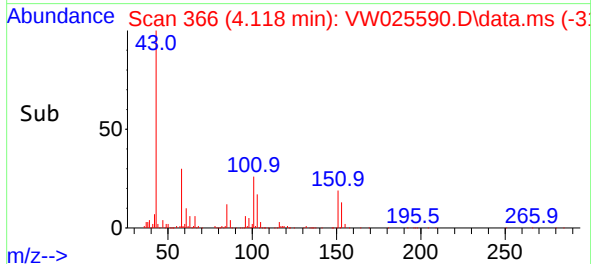
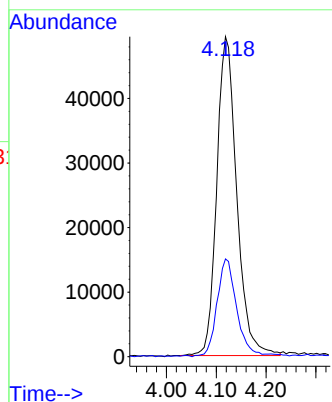
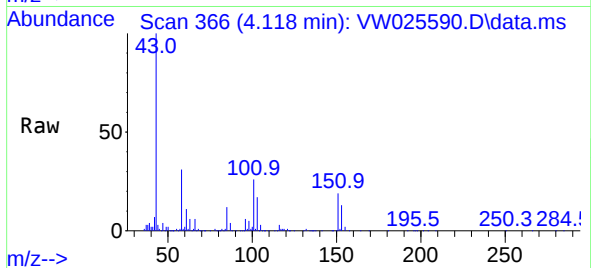




#13
Acetone
Concen: 76.434 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

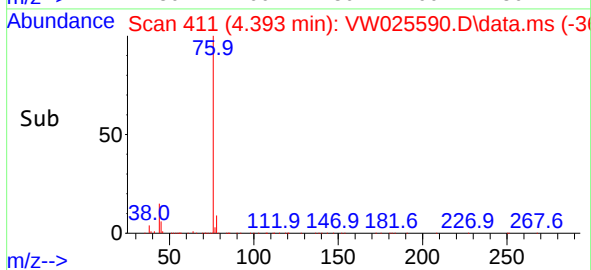
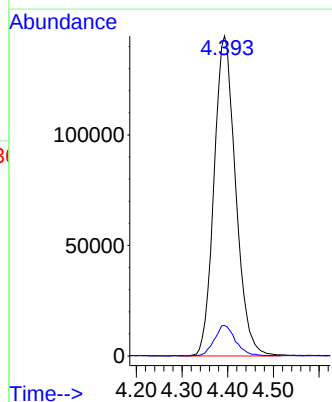
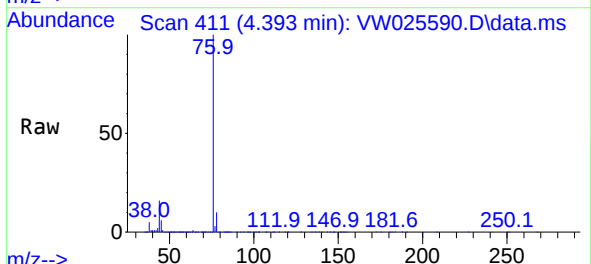
Instrument :
MSVOA_W
ClientSampleId :

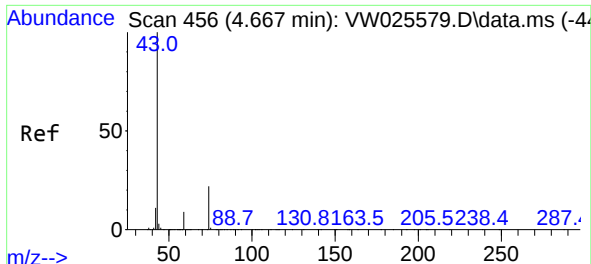
Tgt Ion: 43 Resp: 137428
Ion Ratio Lower Upper
43 100
58 29.9 0.0 57.4



#14
Carbon disulfide
Concen: 16.602 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

Tgt Ion: 76 Resp: 475719
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

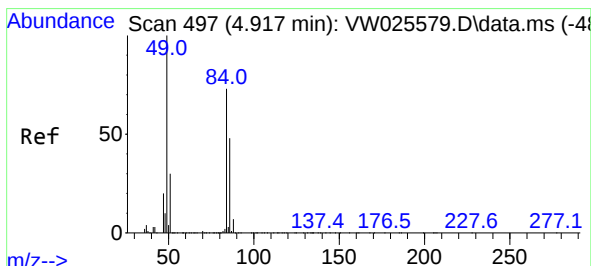
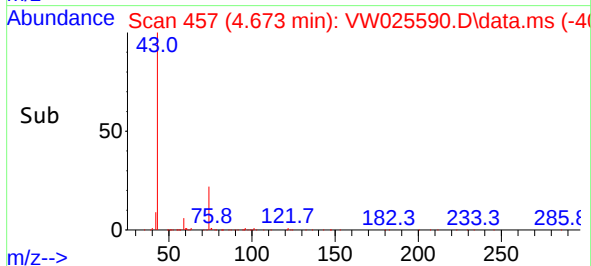
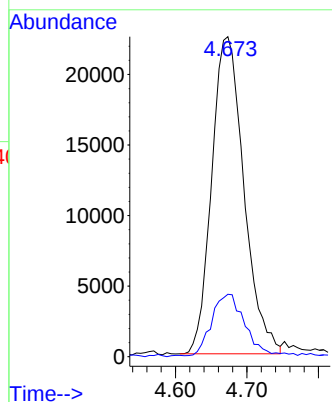
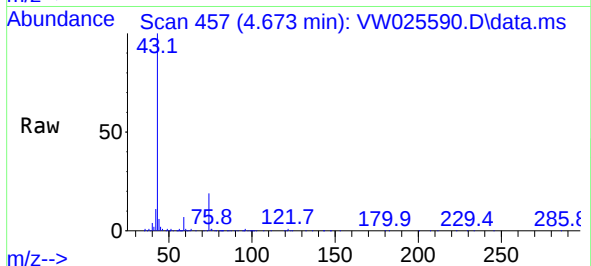




#15
Methyl Acetate
Concen: 17.397 ug/L
RT: 4.673 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

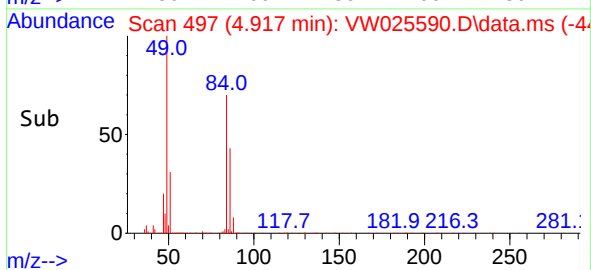
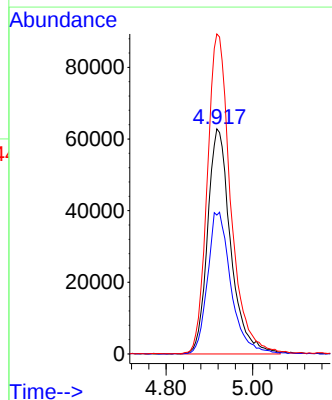
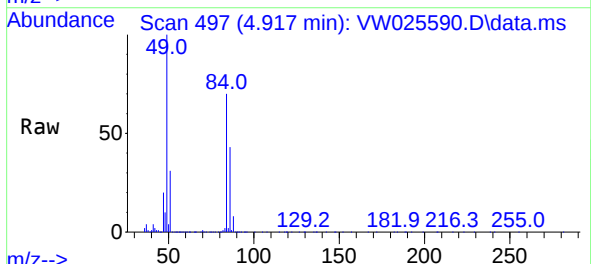
Instrument :
MSVOA_W
ClientSampleId :

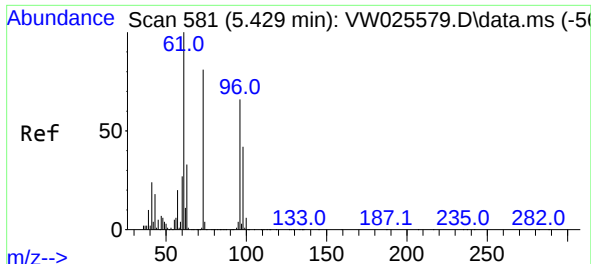
Tgt Ion: 43 Resp: 70276
Ion Ratio Lower Upper
43 100
74 19.5 17.0 25.4



#16
Methylene chloride
Concen: 25.029 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

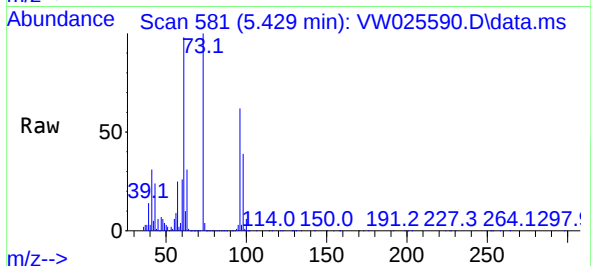
Tgt Ion: 84 Resp: 232813
Ion Ratio Lower Upper
84 100
86 61.7 44.9 83.3
49 142.2 101.4 188.4





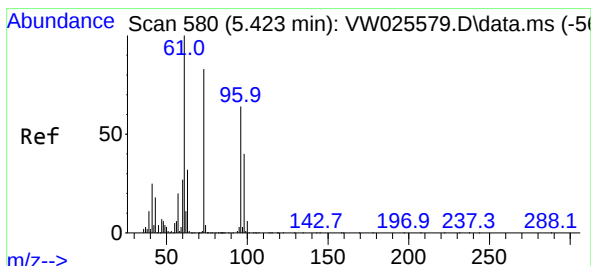
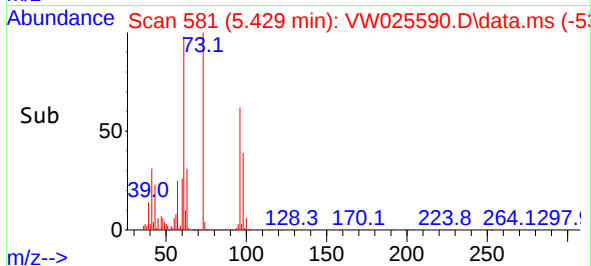
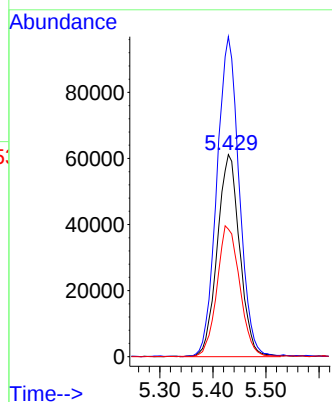
#17
trans-1,2-Dichloroethene
Concen: 20.820 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 179773

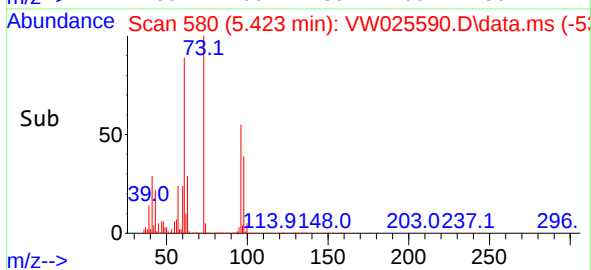
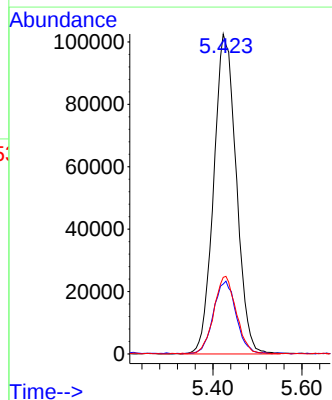
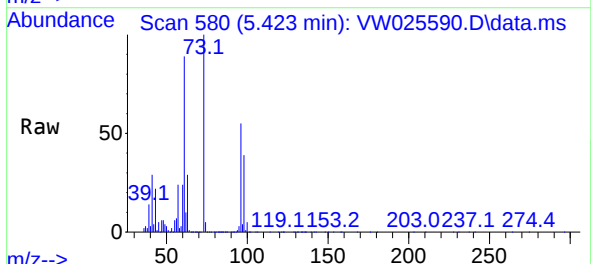
Ion	Ratio	Lower	Upper
96	100		
61	158.4	113.3	210.3
98	63.1	43.6	81.0

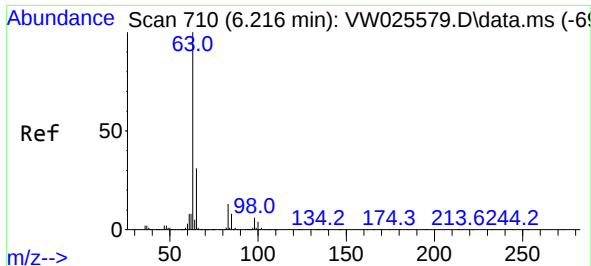


#18
Methyl tert-butyl Ether
Concen: 30.218 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

Tgt Ion: 73 Resp: 360088

Ion	Ratio	Lower	Upper
73	100		
43	22.7	17.8	26.6
57	23.9	19.0	28.6

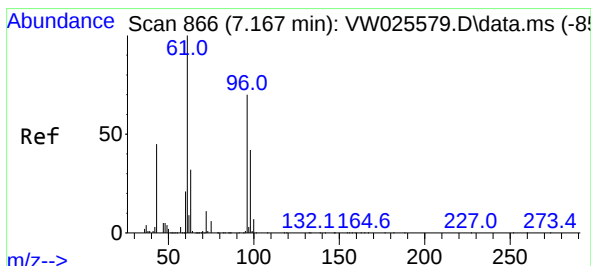
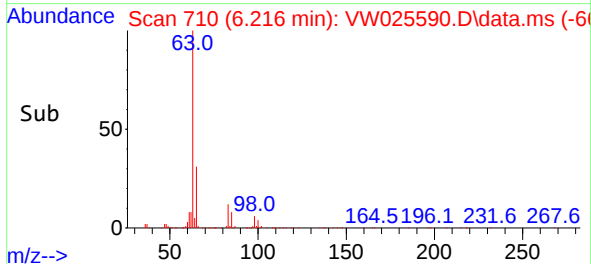
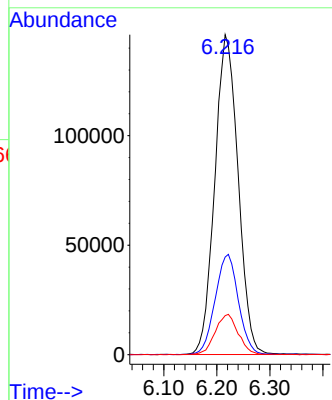
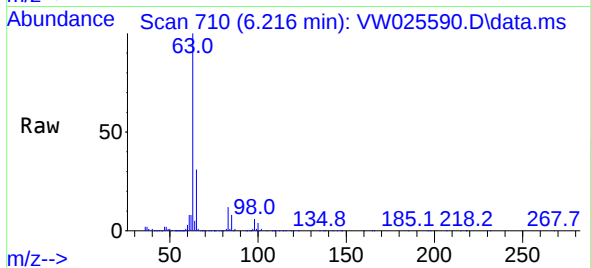




#19
1,1-Dichloroethane
Concen: 25.827 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

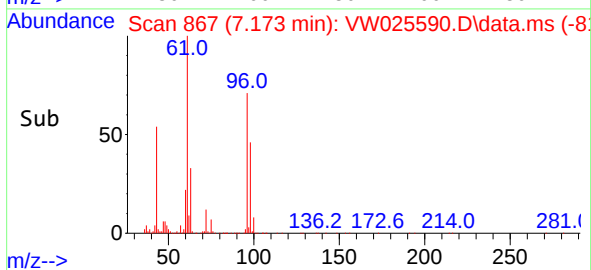
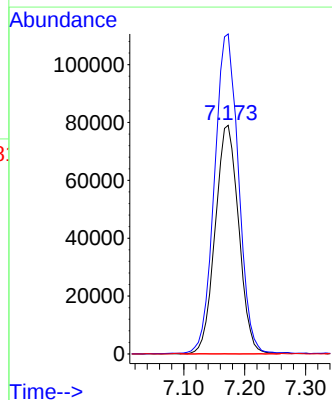
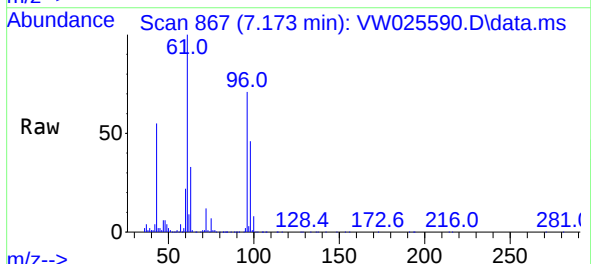
Instrument :
MSVOA_W
ClientSampleId :

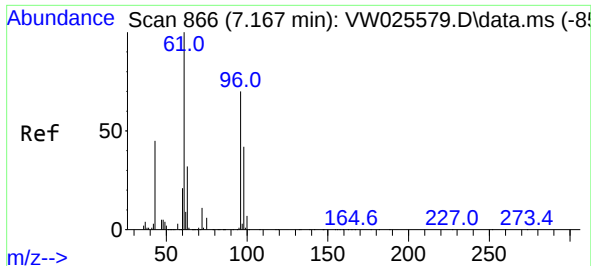
Tgt Ion: 63 Resp: 445565
Ion Ratio Lower Upper
63 100
65 30.5 21.9 40.7
83 12.2 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 23.569 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

Tgt Ion: 96 Resp: 211744
Ion Ratio Lower Upper
96 100
61 139.9 102.6 190.6
68 0.1 0.1 0.1

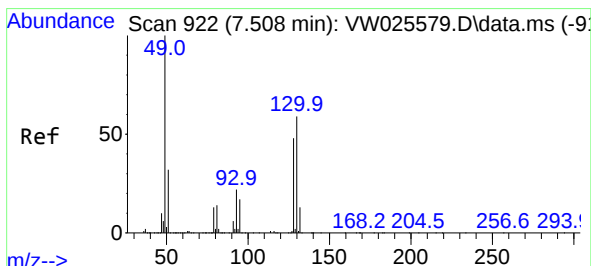
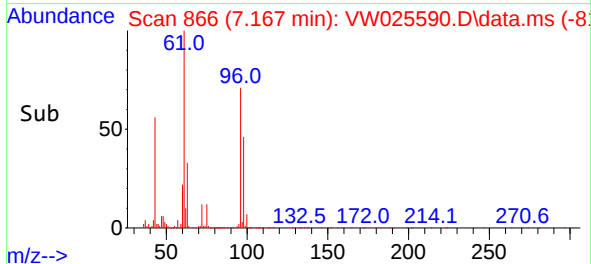
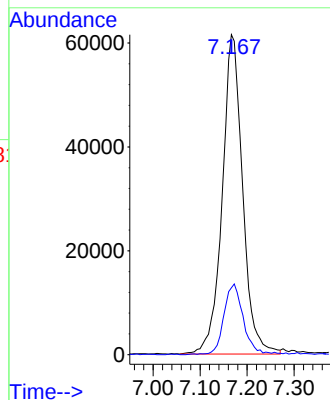
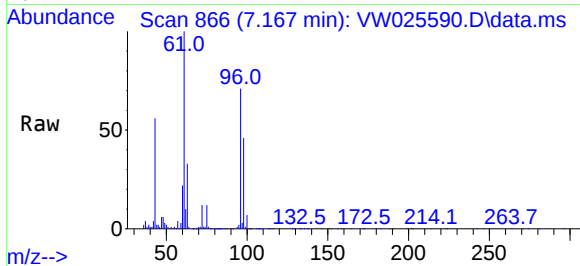




#22
2-Butanone
Concen: 72.768 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

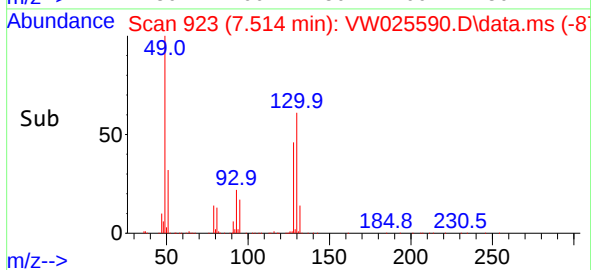
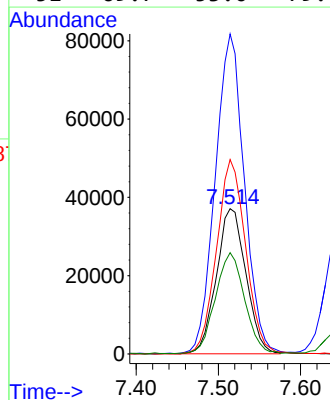
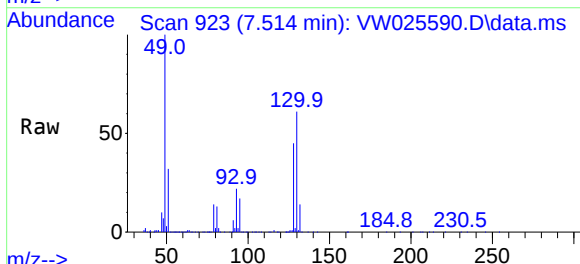
Instrument :
MSVOA_W
ClientSampleId :

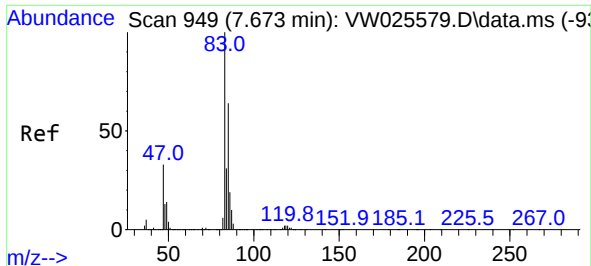
Tgt Ion: 43 Resp: 185995
Ion Ratio Lower Upper
43 100
72 20.6 12.0 36.0



#23
Bromochloromethane
Concen: 25.097 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

Tgt Ion: 128 Resp: 92466
Ion Ratio Lower Upper
128 100
49 220.2 141.7 263.3
130 133.8 86.7 160.9
51 69.7 53.0 79.6

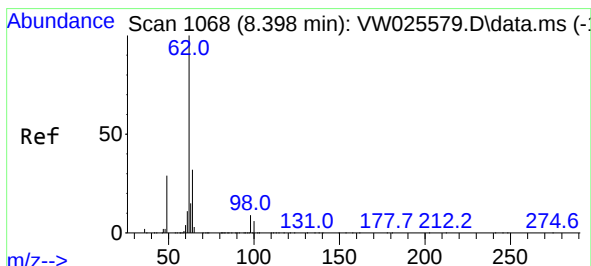
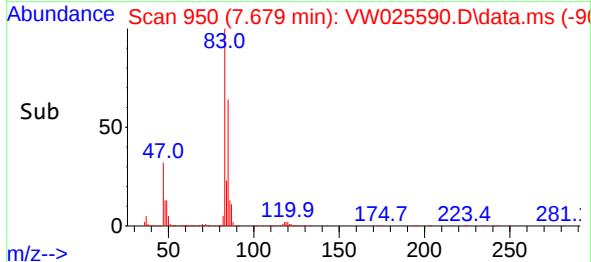
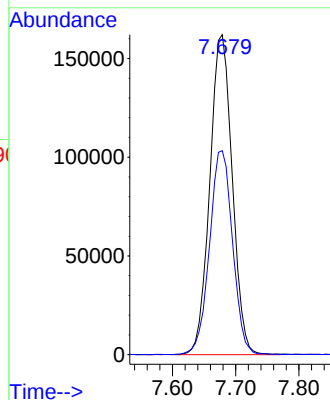
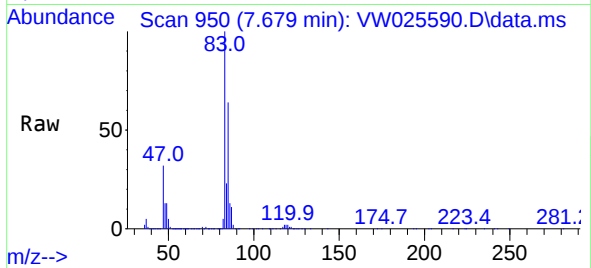




#25
Chloroform
Concen: 25.291 ug/L
RT: 7.679 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

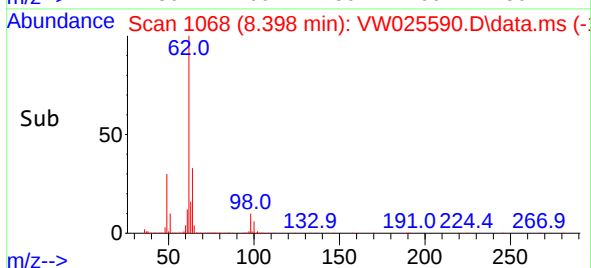
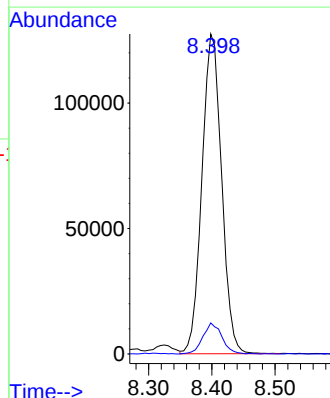
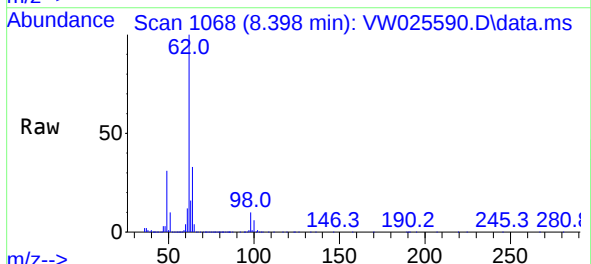
Instrument :
MSVOA_W
ClientSampleId :

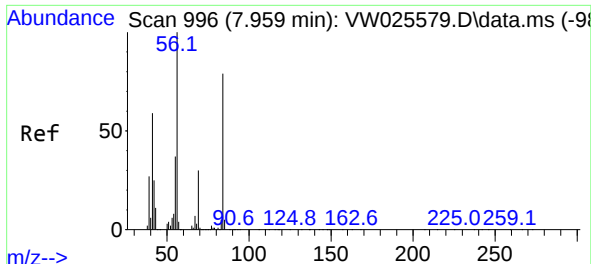
Tgt Ion: 83 Resp: 398995
Ion Ratio Lower Upper
83 100
85 63.8 45.8 85.2



#27
1,2-Dichloroethane
Concen: 26.097 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

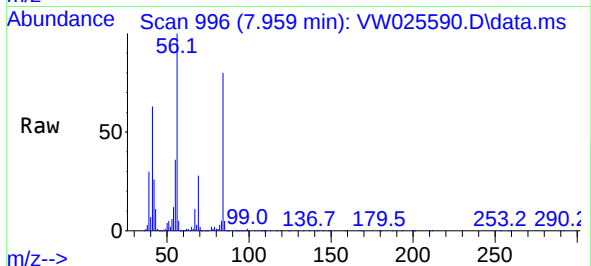
Tgt Ion: 62 Resp: 276284
Ion Ratio Lower Upper
62 100
98 9.7 6.6 10.0



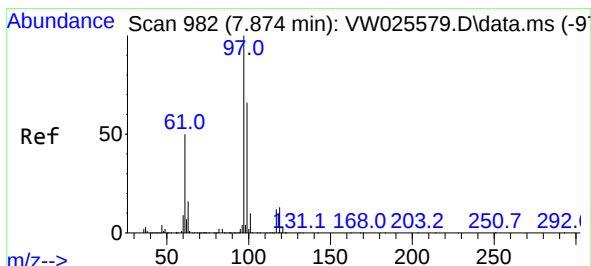
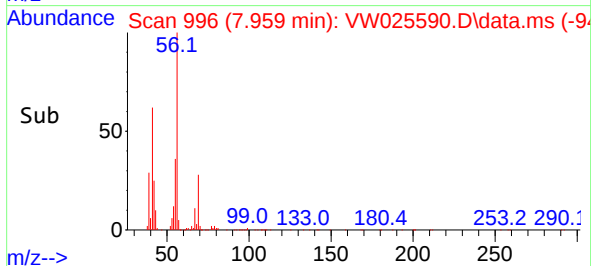
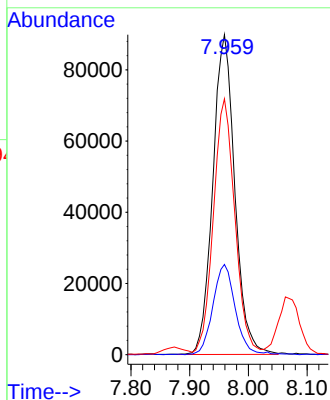


#29
Cyclohexane
Concen: 19.478 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

Instrument :
MSVOA_W
ClientSampleId :

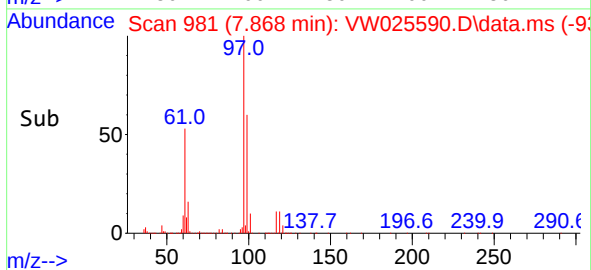
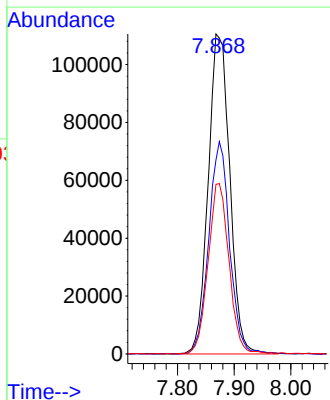
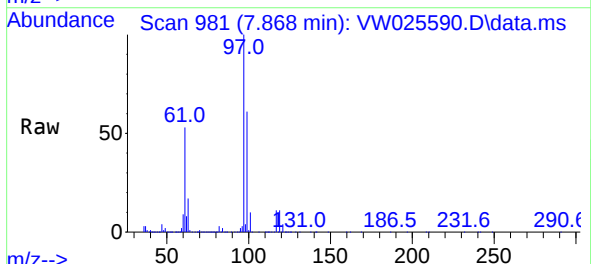


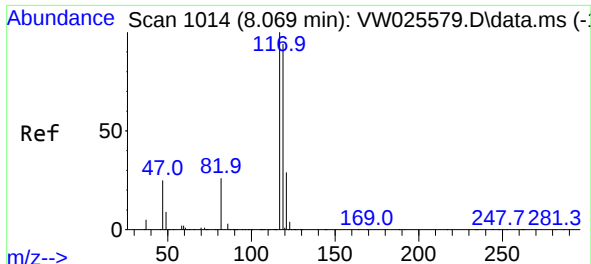
Tgt Ion: 56 Resp: 233869
Ion Ratio Lower Upper
56 100
69 28.4 22.7 34.1
84 78.1 62.5 93.7



#30
1,1,1-Trichloroethane
Concen: 31.774 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

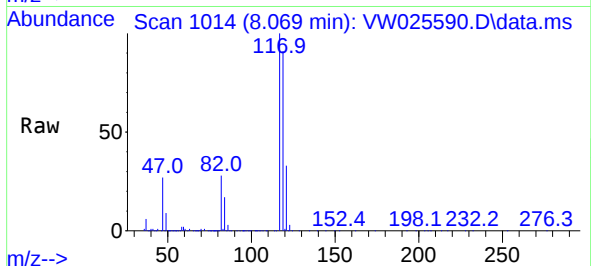
Tgt Ion: 97 Resp: 292871
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.6
61 51.0 40.5 60.7



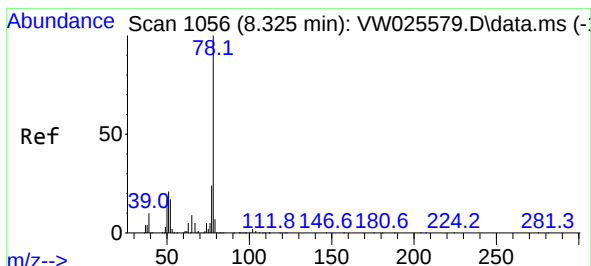
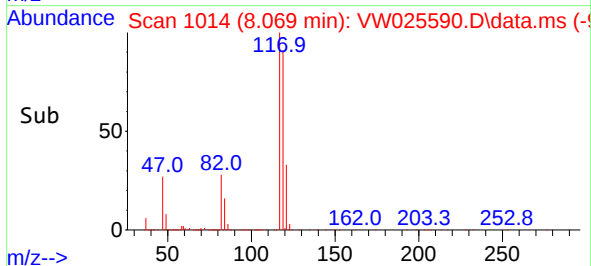
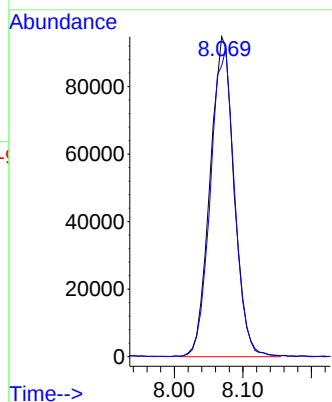


#31
Carbon tetrachloride
Concen: 27.786 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

Instrument :
MSVOA_W
ClientSampleId :

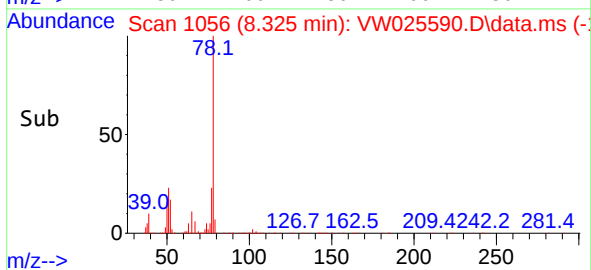
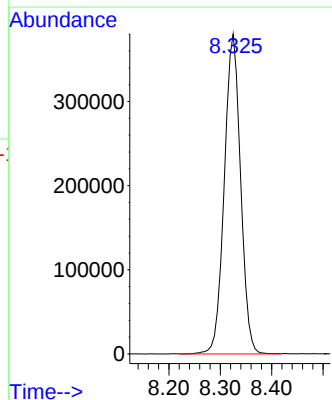
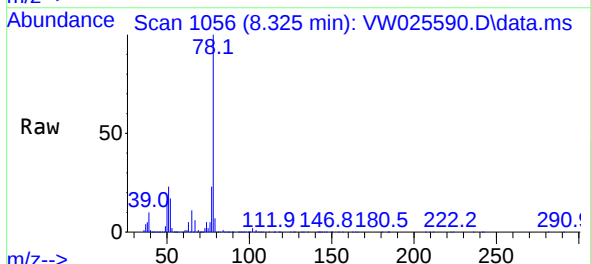


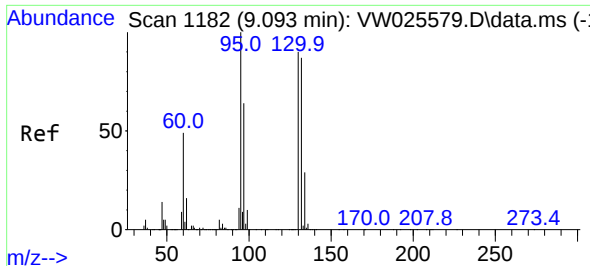
Tgt Ion:117 Resp: 231290
Ion Ratio Lower Upper
117 100
119 96.4 75.7 113.5



#33
Benzene
Concen: 32.433 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

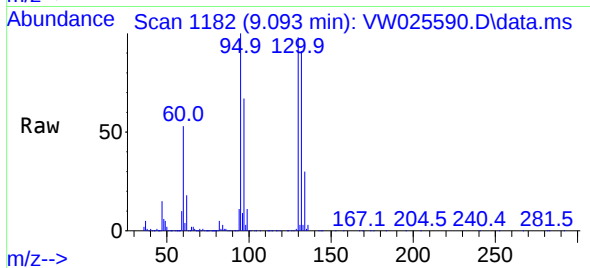
Tgt Ion: 78 Resp: 837433





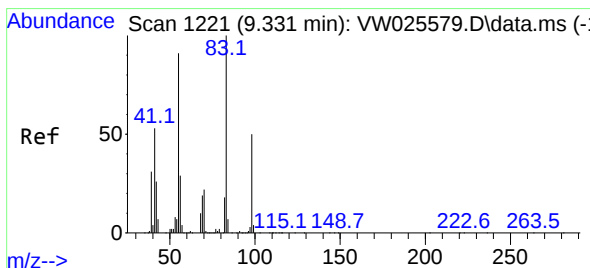
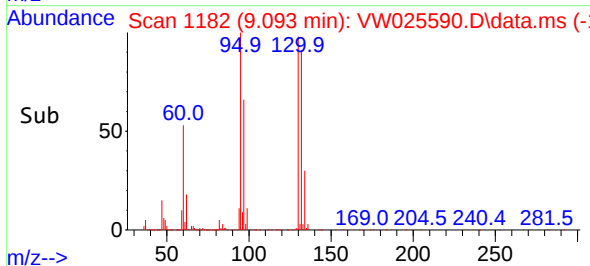
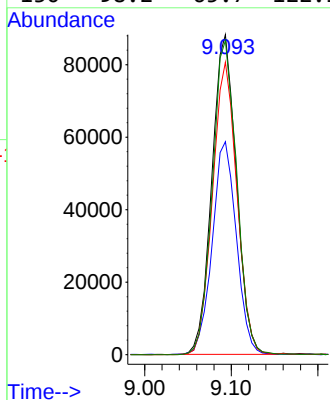
#34
Trichloroethene
Concen: 25.722 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 172754

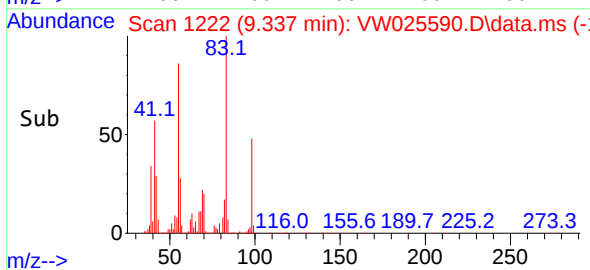
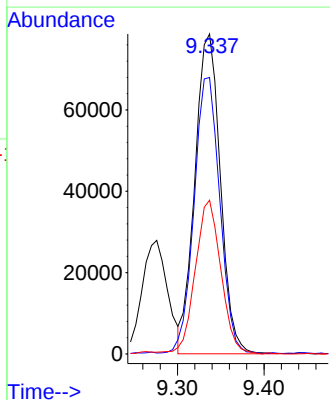
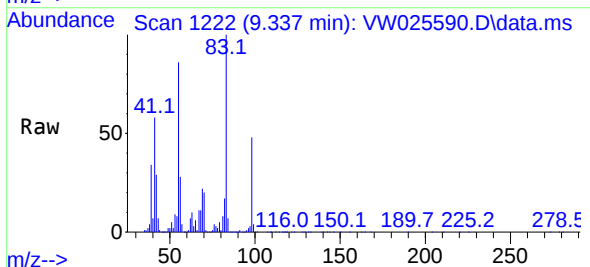
Ion	Ratio	Lower	Upper
95	100		
97	66.5	42.5	78.9
132	91.4	59.8	111.1
130	98.2	65.7	122.1

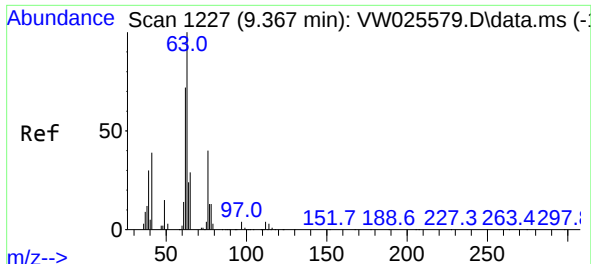


#35
Methylcyclohexane
Concen: 13.258 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

Tgt Ion: 83 Resp: 160792

Ion	Ratio	Lower	Upper
83	100		
55	87.7	68.7	103.1
98	48.5	37.7	56.5





#37

1,2-Dichloropropane

Concen: 35.274 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025590.D

Acq: 19 Apr 2023 19:06

Instrument :

MSVOA_W

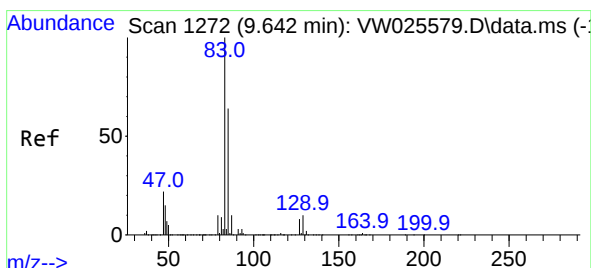
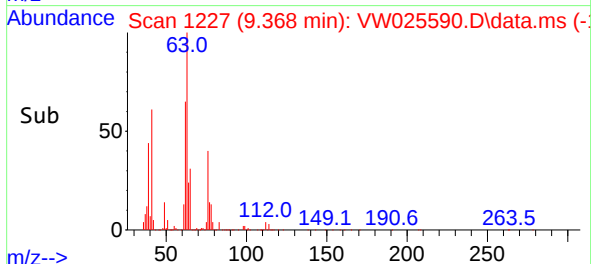
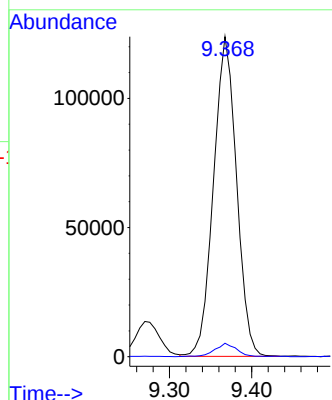
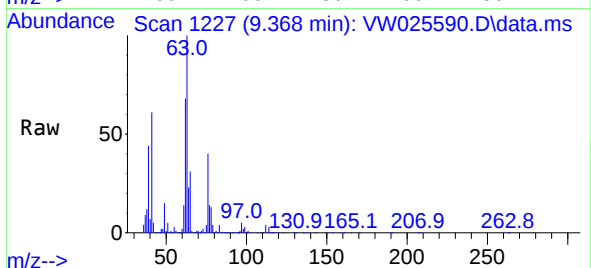
ClientSampleId :

Tgt Ion: 63 Resp: 240541

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.0



#38

Bromodichloromethane

Concen: 32.123 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025590.D

Acq: 19 Apr 2023 19:06

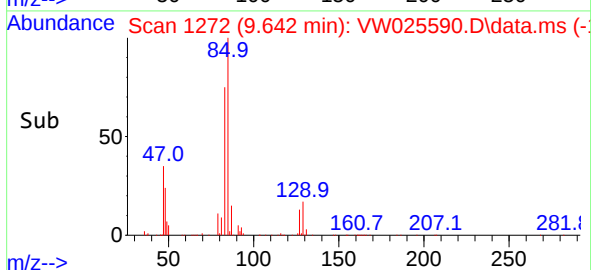
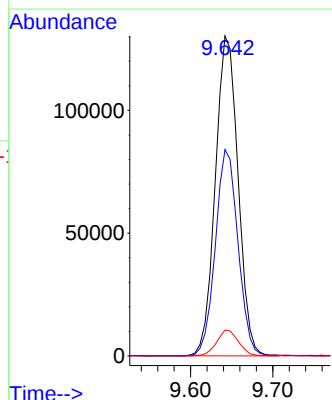
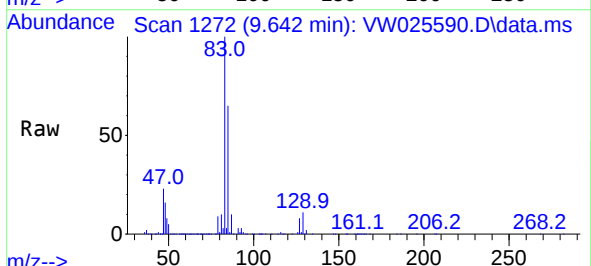
Tgt Ion: 83 Resp: 250632

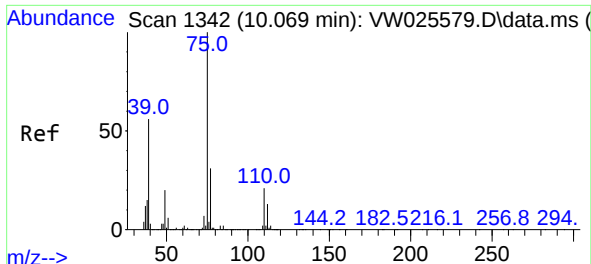
Ion Ratio Lower Upper

83 100

85 64.5 43.5 80.7

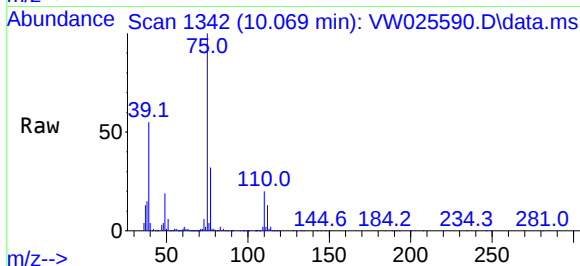
127 8.1 5.8 8.8



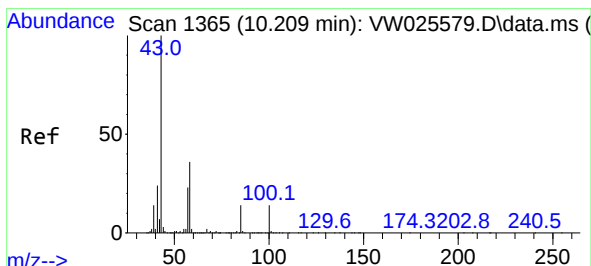
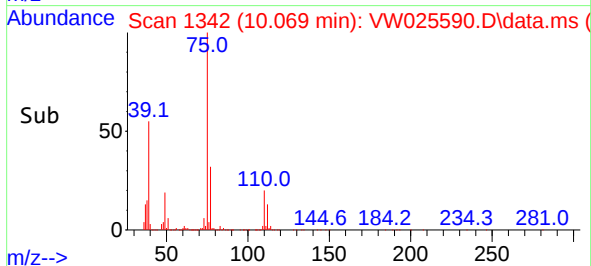
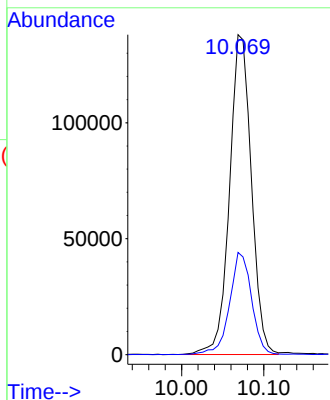


#39
cis-1,3-Dichloropropene
Concen: 26.054 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

Instrument :
MSVOA_W
ClientSampleId :

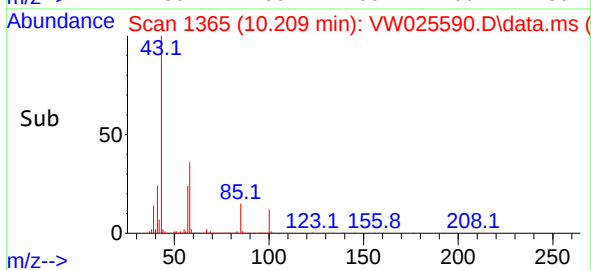
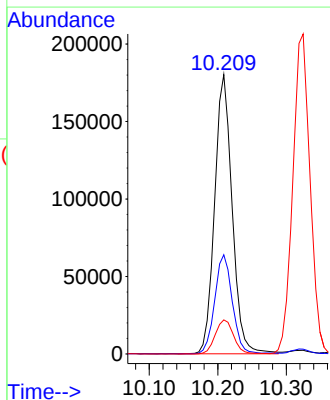
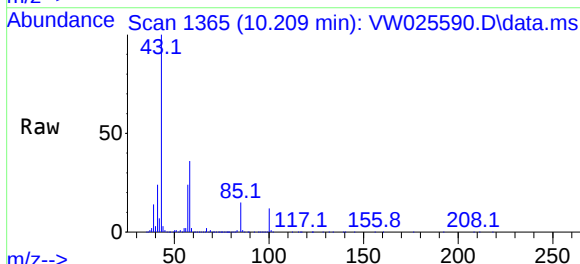


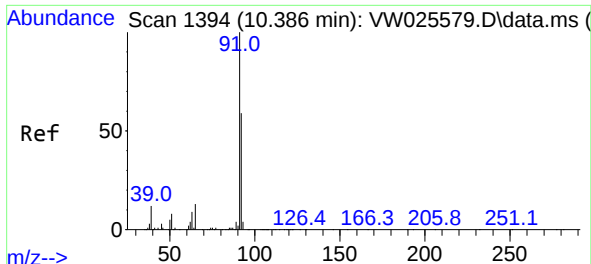
Tgt Ion: 75 Resp: 254856
Ion Ratio Lower Upper
75 100
77 31.9 22.8 42.4



#40
4-Methyl-2-pentanone
Concen: 82.714 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

Tgt Ion: 43 Resp: 319260
Ion Ratio Lower Upper
43 100
58 35.7 29.2 43.8
100 12.9 10.2 15.4

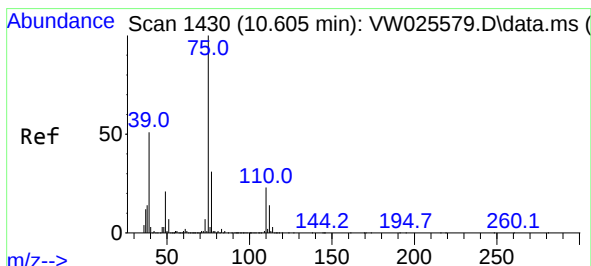
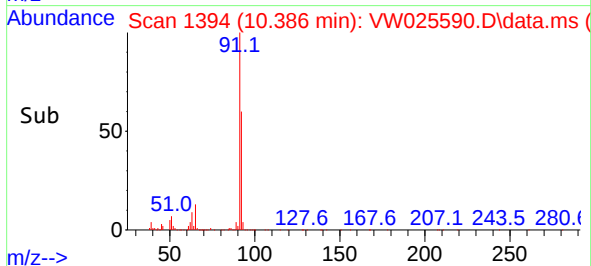
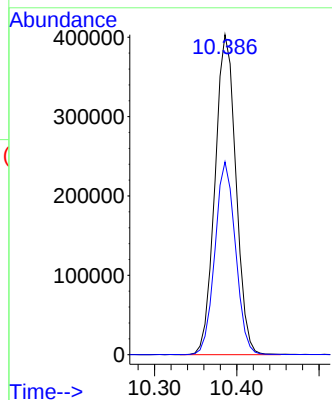
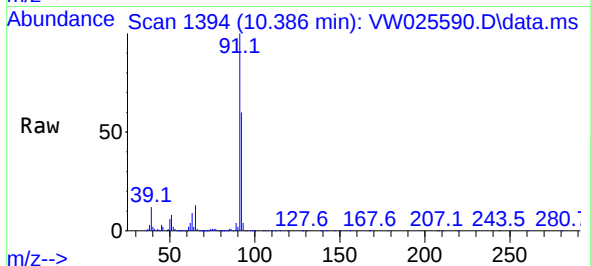




#42
Toluene
Concen: 27.139 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

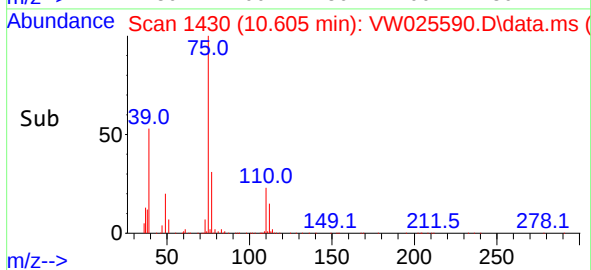
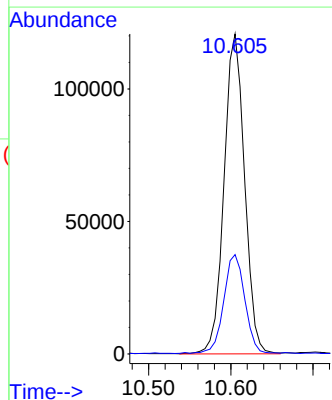
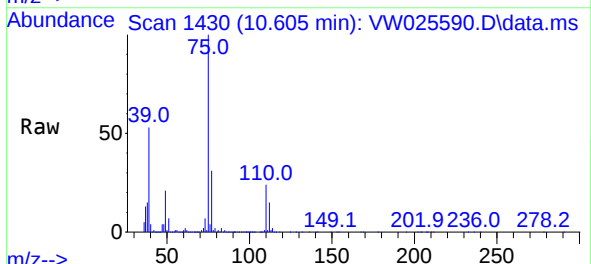
Instrument :
MSVOA_W
ClientSampleId :

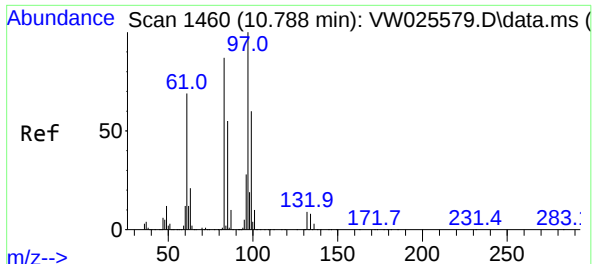
Tgt Ion: 91 Resp: 713560
Ion Ratio Lower Upper
91 100
92 60.2 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 26.050 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

Tgt Ion: 75 Resp: 210118
Ion Ratio Lower Upper
75 100
77 31.1 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 34.186 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW025590.D

Acq: 19 Apr 2023 19:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 148642

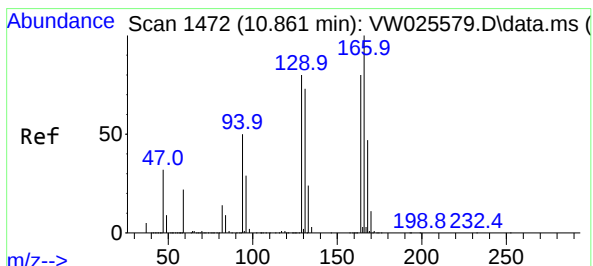
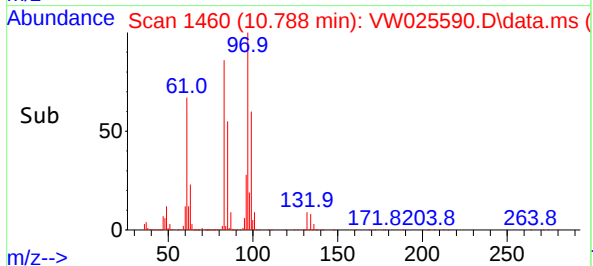
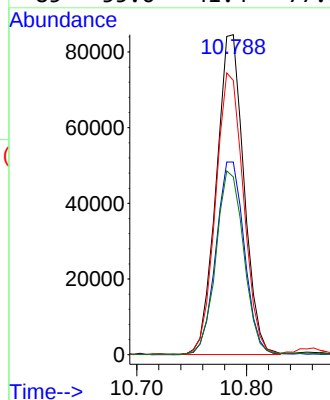
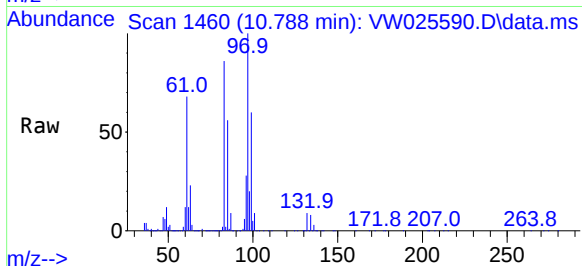
Ion Ratio Lower Upper

97 100

99 60.2 43.8 81.3

83 85.7 61.8 114.8

85 55.6 41.4 77.0



#46

Tetrachloroethene

Concen: 19.181 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW025590.D

Acq: 19 Apr 2023 19:06

Tgt Ion:164 Resp: 90604

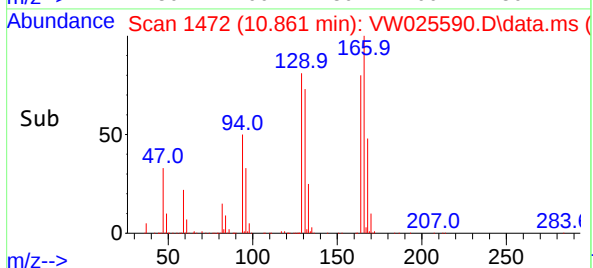
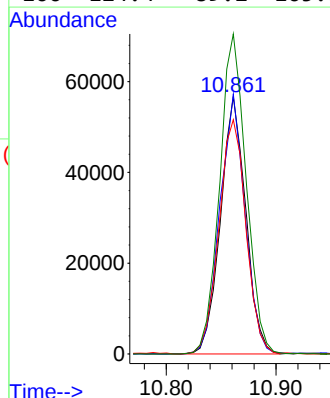
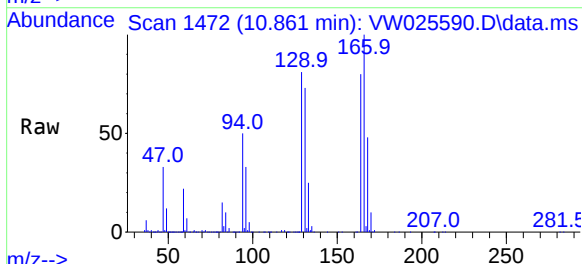
Ion Ratio Lower Upper

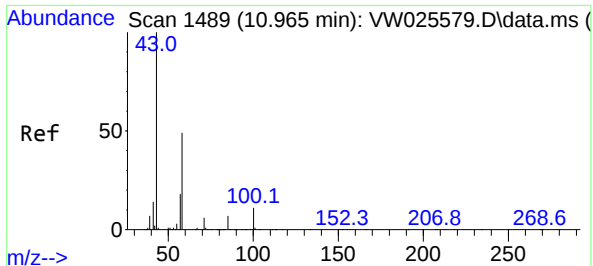
164 100

129 101.0 76.9 142.9

131 91.0 70.5 130.9

166 124.4 89.2 165.8





#48

2-Hexanone

Concen: 80.958 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW025590.D

Acq: 19 Apr 2023 19:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 215904

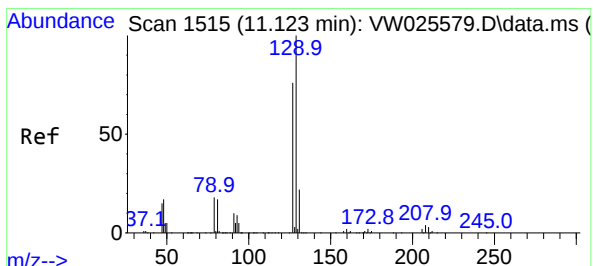
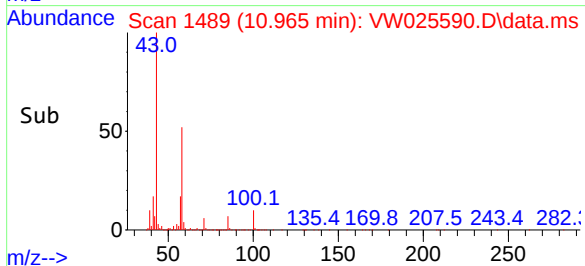
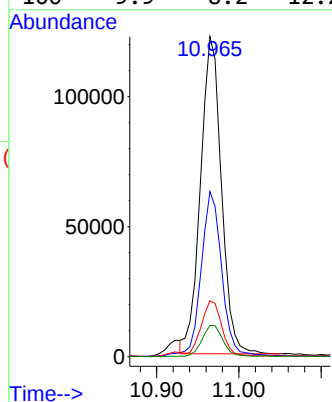
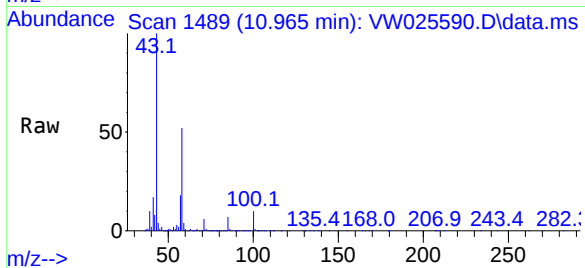
Ion Ratio Lower Upper

43 100

58 50.9 38.6 57.8

57 17.4 13.9 20.9

100 9.9 8.2 12.2



#49

Dibromochloromethane

Concen: 29.673 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW025590.D

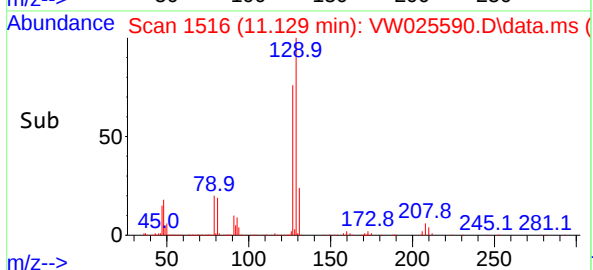
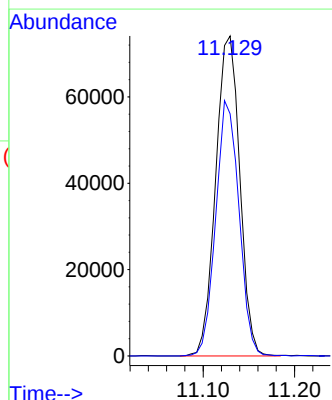
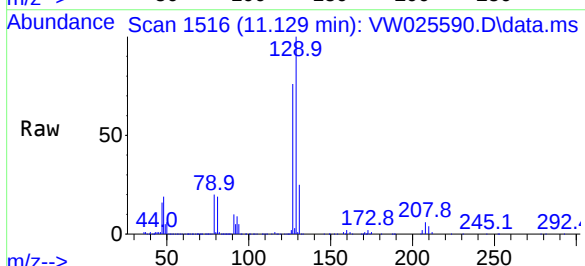
Acq: 19 Apr 2023 19:06

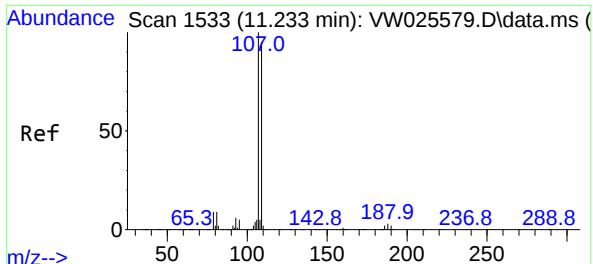
Tgt Ion:129 Resp: 135842

Ion Ratio Lower Upper

129 100

127 75.7 54.0 100.2



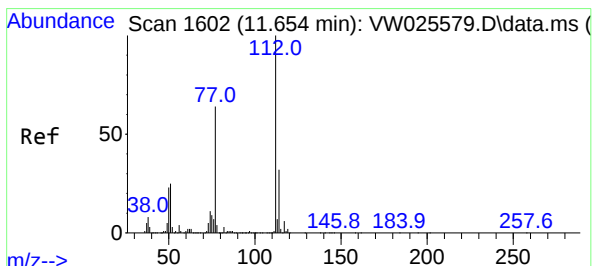
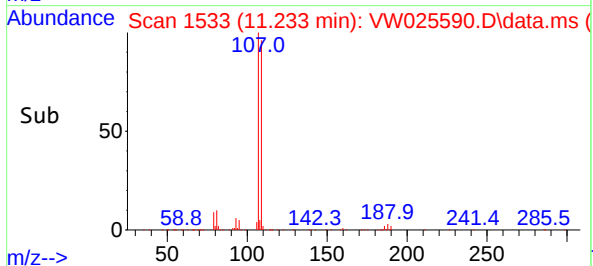
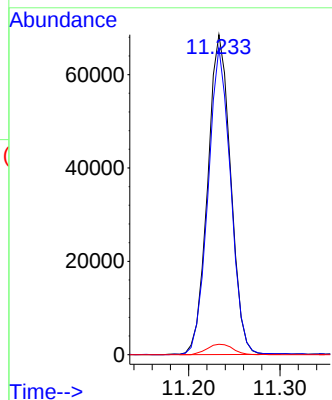
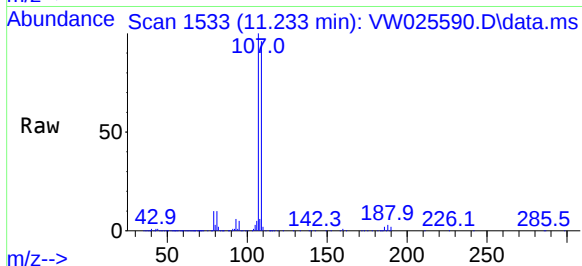


#50
1,2-Dibromoethane
Concen: 29.917 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:107 Resp: 119520

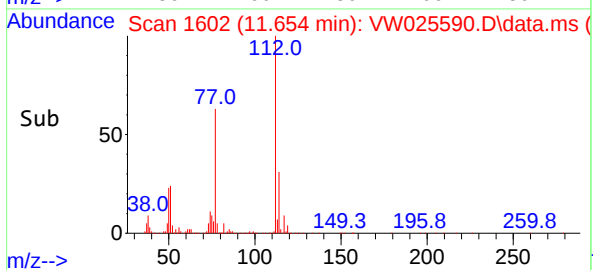
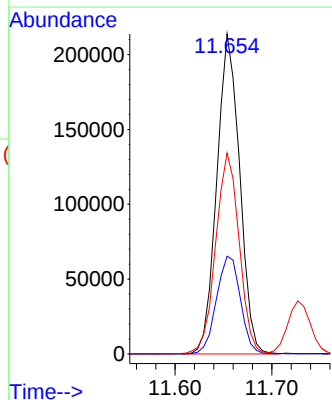
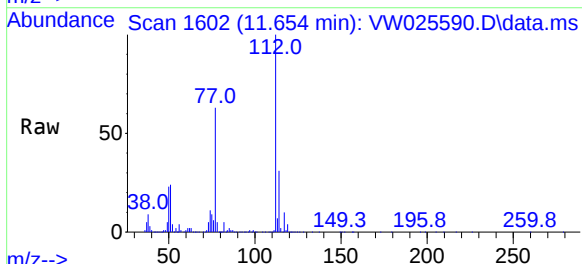
Ion	Ratio	Lower	Upper
107	100		
109	95.9	64.1	119.1
188	3.3	2.8	4.2

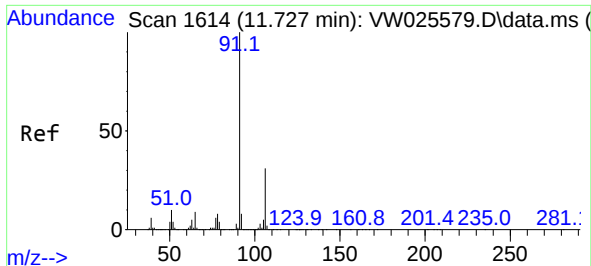


#51
Chlorobenzene
Concen: 21.631 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

Tgt Ion:112 Resp: 350462

Ion	Ratio	Lower	Upper
112	100		
114	30.5	21.6	40.2
77	62.8	50.2	75.2





#52

Ethylbenzene

Concen: 20.719 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025590.D

Acq: 19 Apr 2023 19:06

Instrument :

MSVOA_W

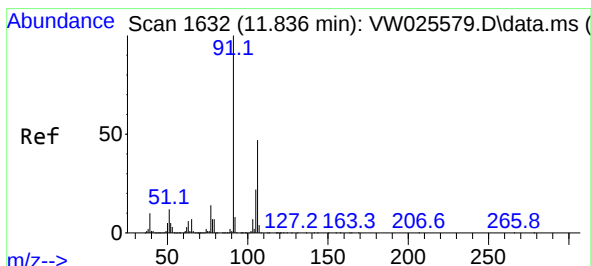
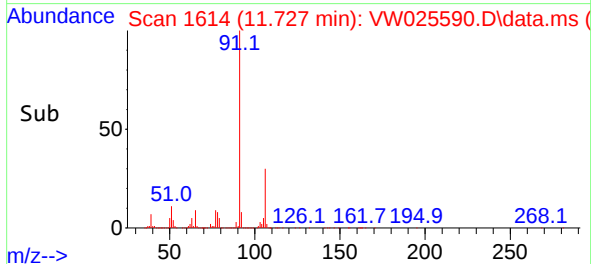
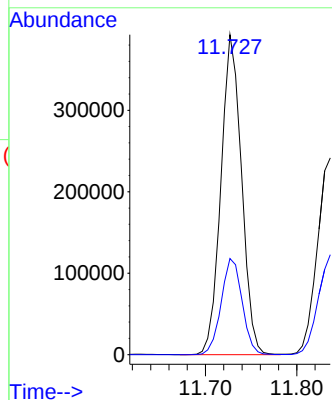
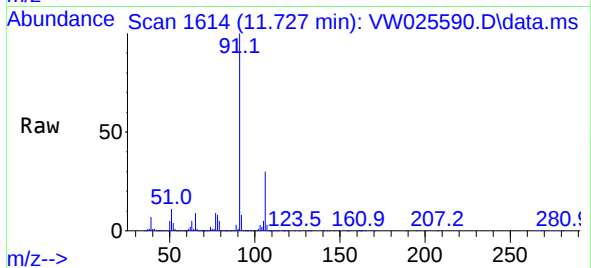
ClientSampleId :

Tgt Ion: 91 Resp: 616451

Ion Ratio Lower Upper

91 100

106 30.1 20.3 37.7



#53

m,p-Xylene

Concen: 20.404 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW025590.D

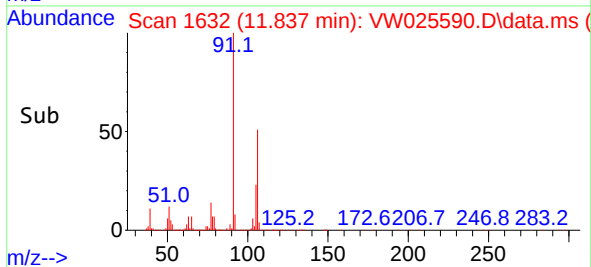
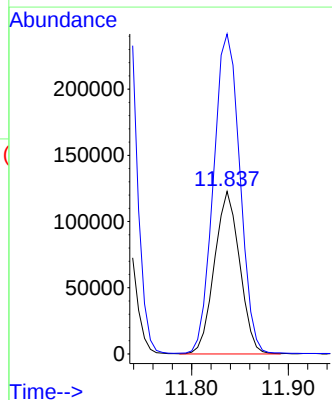
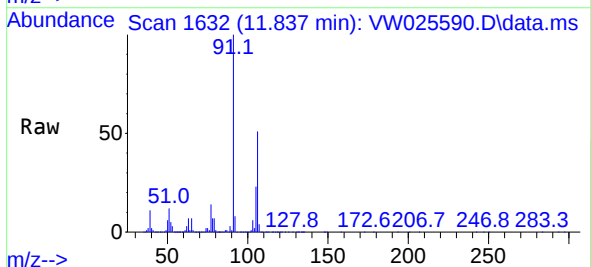
Acq: 19 Apr 2023 19:06

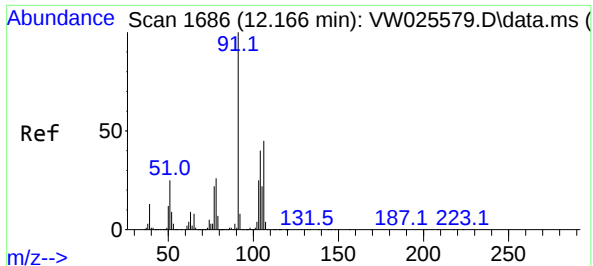
Tgt Ion:106 Resp: 222626

Ion Ratio Lower Upper

106 100

91 196.8 148.0 274.8

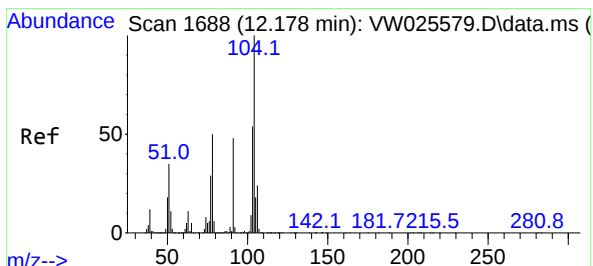
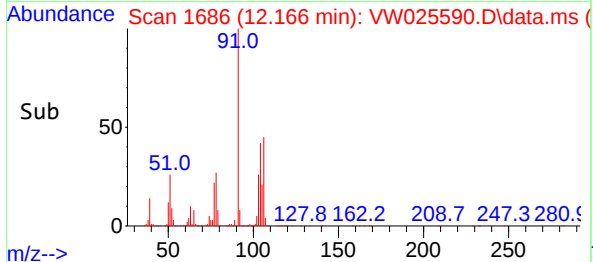
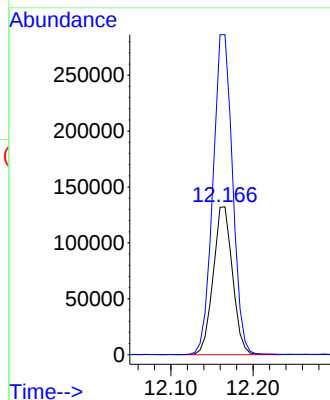
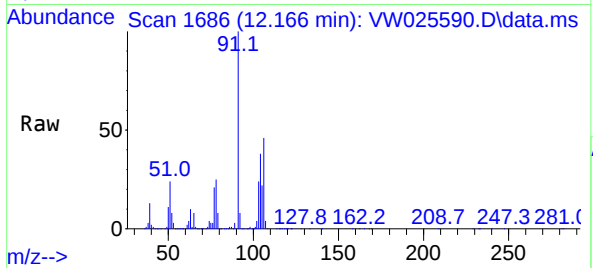




#54
o-Xylene
Concen: 21.125 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

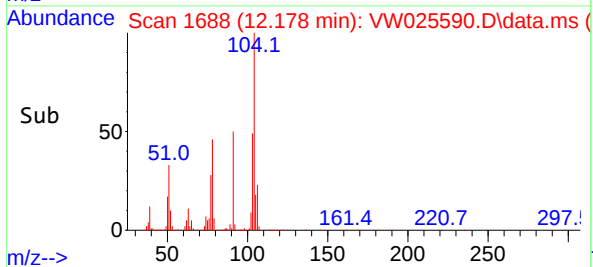
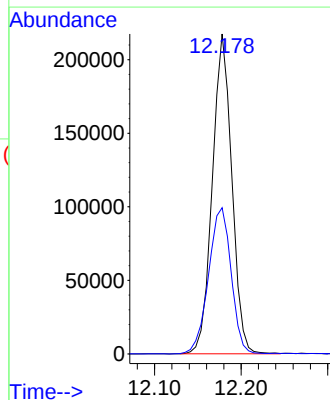
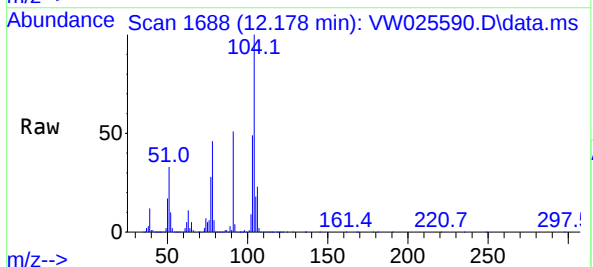
Instrument :
MSVOA_W
ClientSampleId :

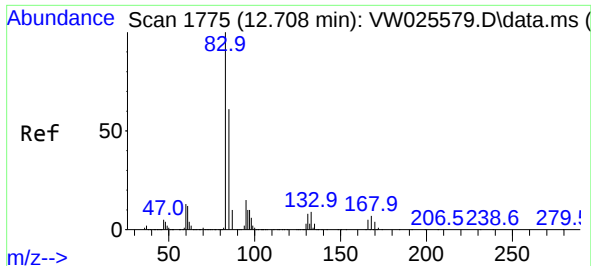
Tgt Ion:106 Resp: 215630
Ion Ratio Lower Upper
106 100
91 216.4 158.2 293.8



#55
Styrene
Concen: 19.762 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

Tgt Ion:104 Resp: 339524
Ion Ratio Lower Upper
104 100
78 45.7 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 28.753 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

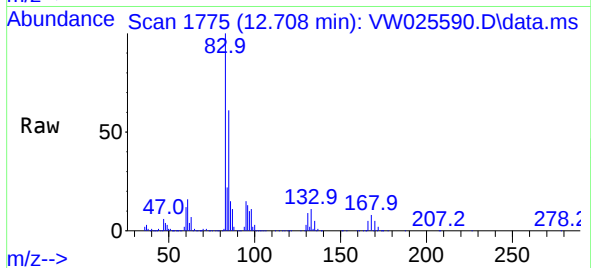
Lab File: VW025590.D

Acq: 19 Apr 2023 19:06

Instrument :

MSVOA_W

ClientSampleId :



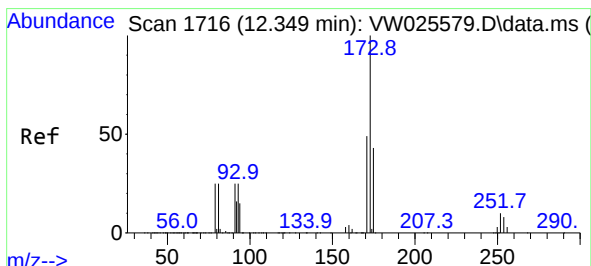
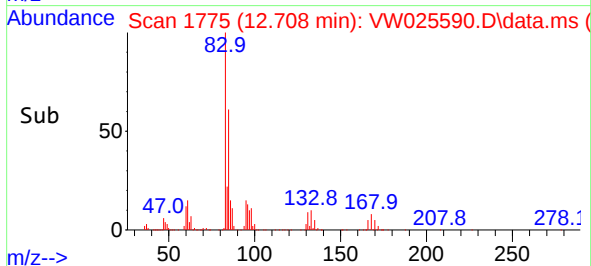
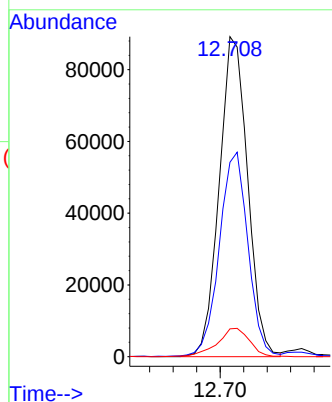
Tgt Ion: 83 Resp: 149748

Ion Ratio Lower Upper

83 100

85 60.7 43.5 80.7

131 8.7 7.0 10.4



#59

Bromoform

Concen: 46.974 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025590.D

Acq: 19 Apr 2023 19:06

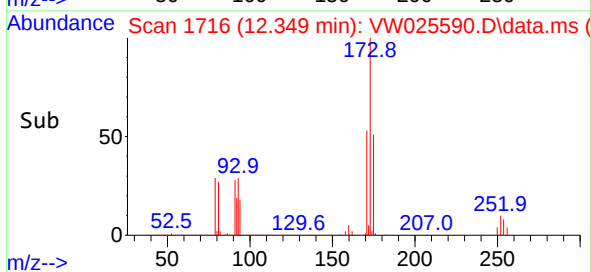
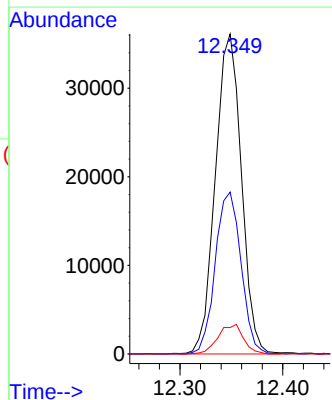
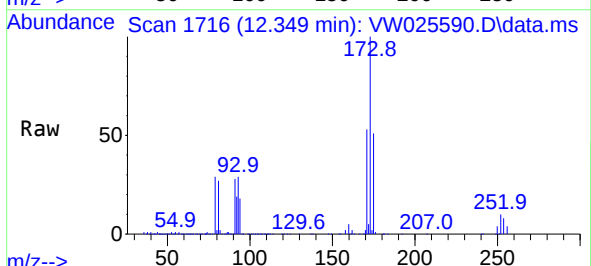
Tgt Ion: 173 Resp: 63446

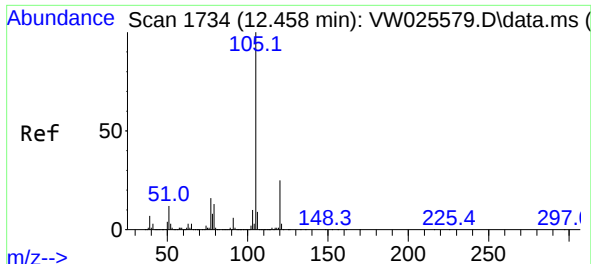
Ion Ratio Lower Upper

173 100

175 50.0 36.1 54.1

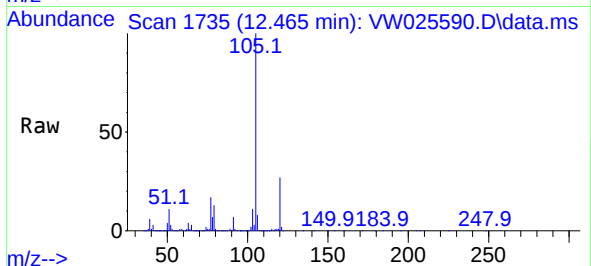
254 9.0 7.0 10.6



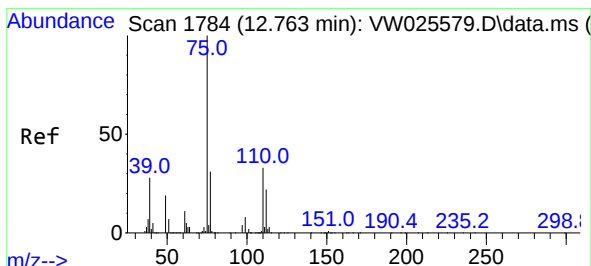
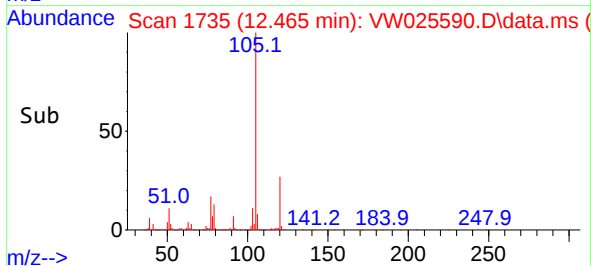
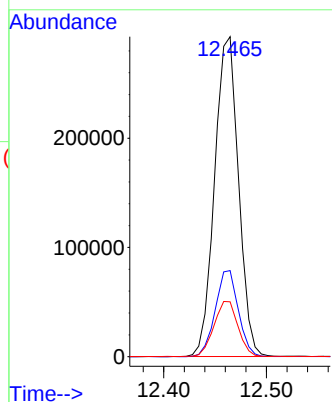


#60
Isopropylbenzene
Concen: 30.604 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

Instrument :
MSVOA_W
ClientSampleId :

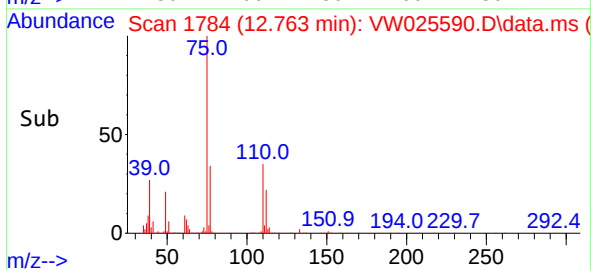
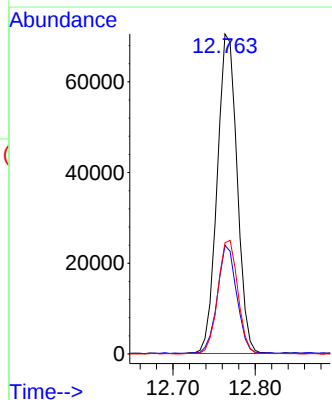
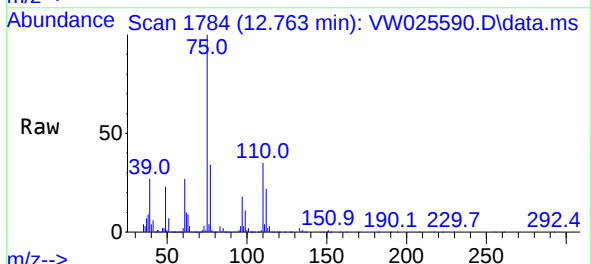


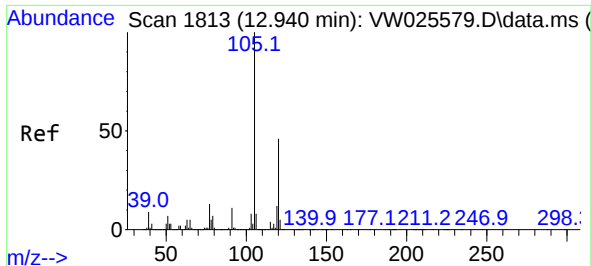
Tgt Ion:105 Resp: 472533
Ion Ratio Lower Upper
105 100
120 26.1 20.1 30.1
77 17.4 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 58.094 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

Tgt Ion: 75 Resp: 118678
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.2
110 35.5 29.0 43.6

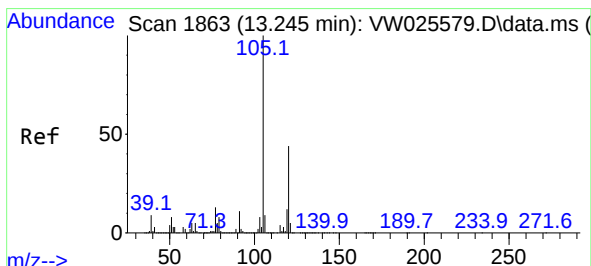
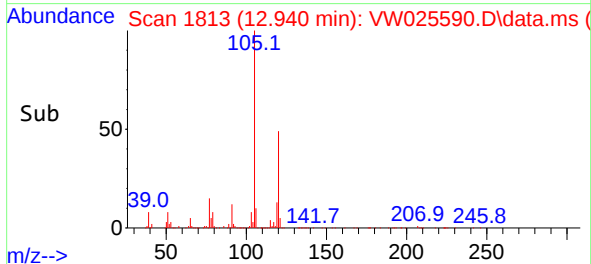
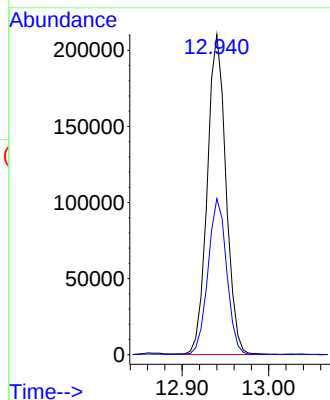
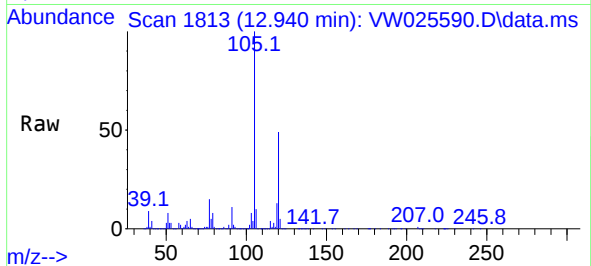




#62
1,3,5-Trimethylbenzene
Concen: 25.823 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

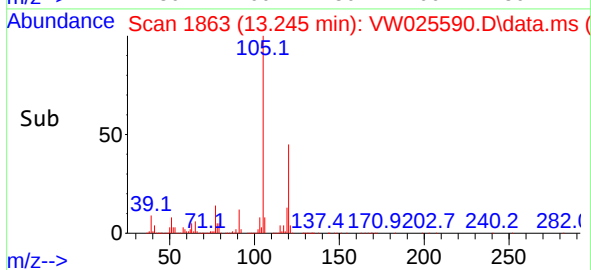
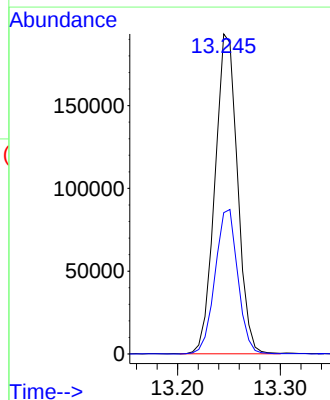
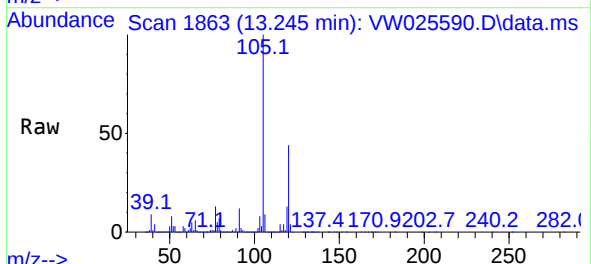
Instrument :
MSVOA_W
ClientSampleId :

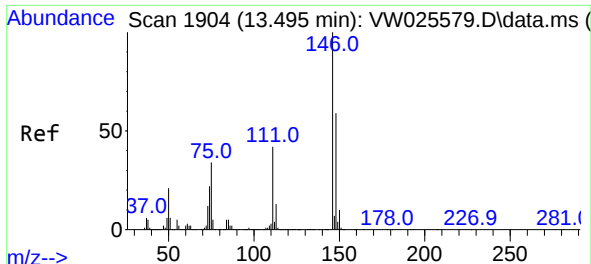
Tgt Ion:105 Resp: 314745
Ion Ratio Lower Upper
105 100
120 48.5 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 25.098 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

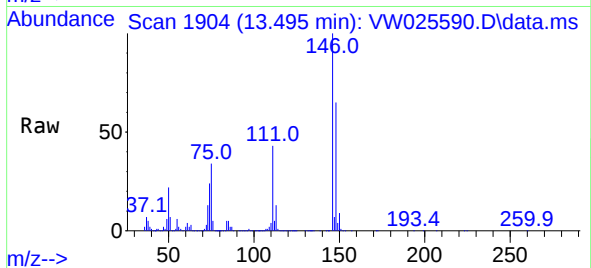
Tgt Ion:105 Resp: 294560
Ion Ratio Lower Upper
105 100
120 45.6 34.8 52.2



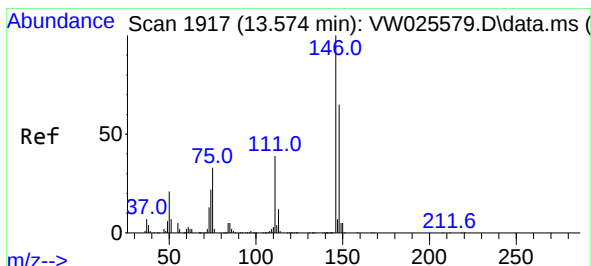
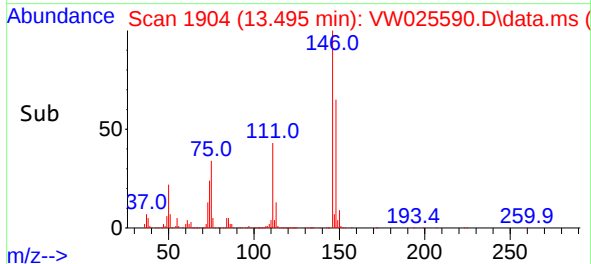
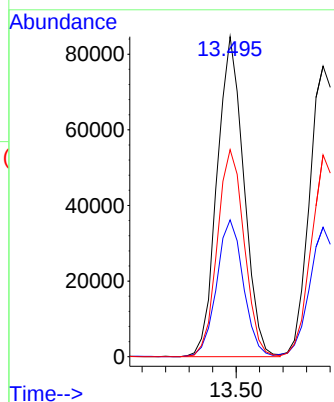


#64
1,3-Dichlorobenzene
Concen: 20.943 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

Instrument :
MSVOA_W
ClientSampleId :

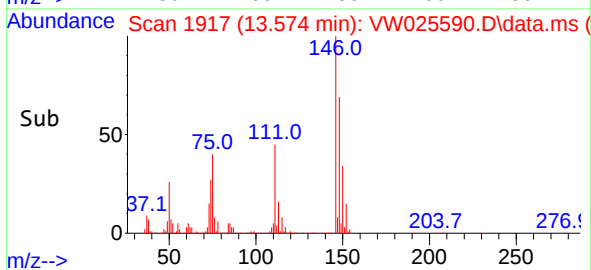
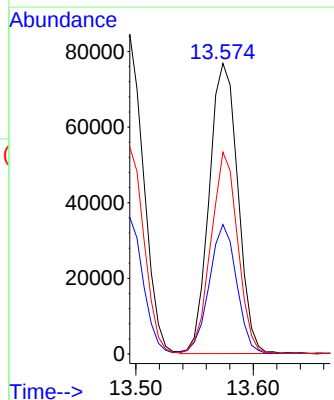
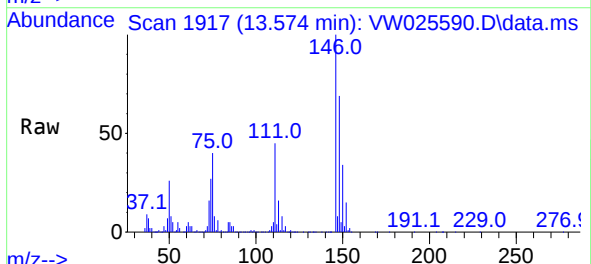


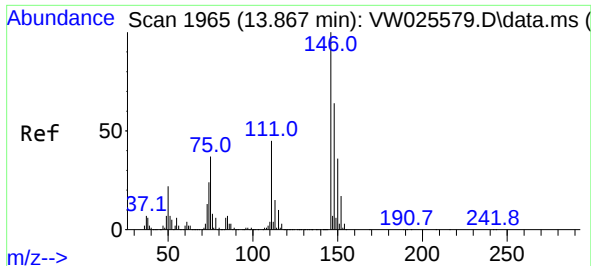
Tgt Ion:146 Resp: 134004
Ion Ratio Lower Upper
146 100
111 42.8 29.7 55.1
148 64.7 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 19.938 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

Tgt Ion:146 Resp: 130288
Ion Ratio Lower Upper
146 100
111 44.5 30.4 56.5
148 69.4 48.6 90.3

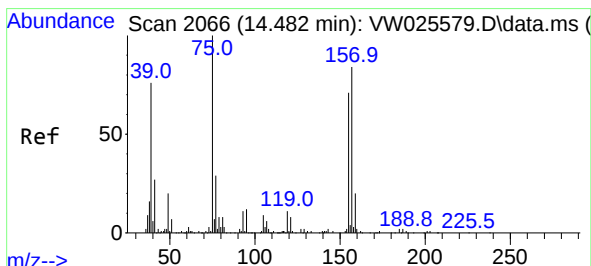
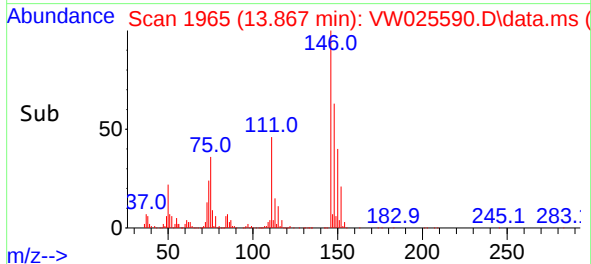
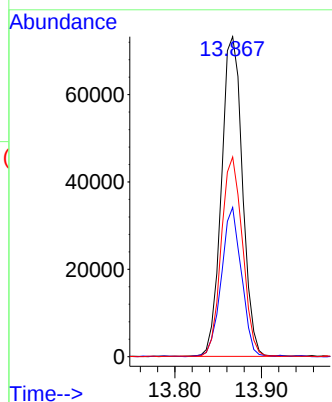
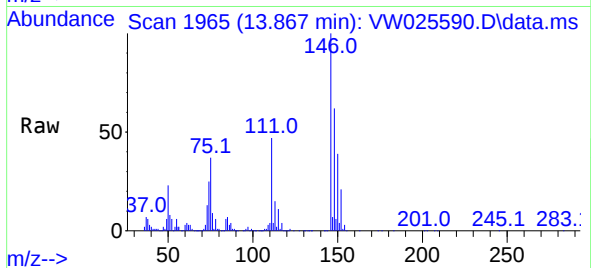




#67
1,2-Dichlorobenzene
Concen: 21.981 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

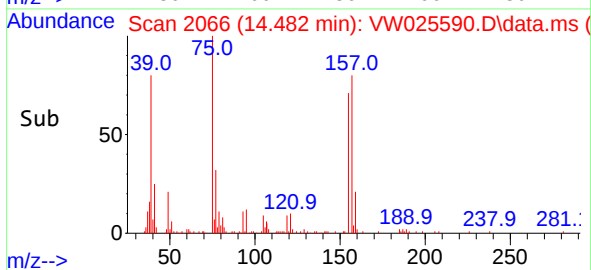
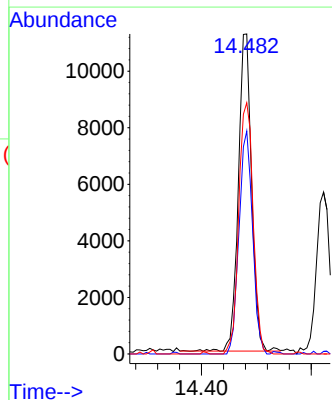
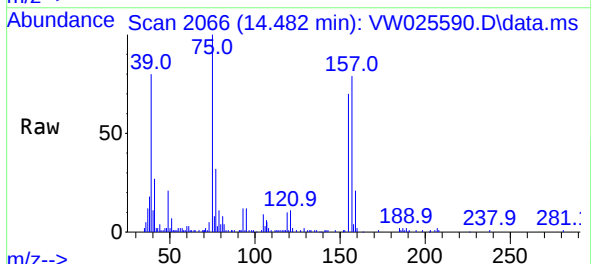
Instrument :
MSVOA_W
ClientSampleId :

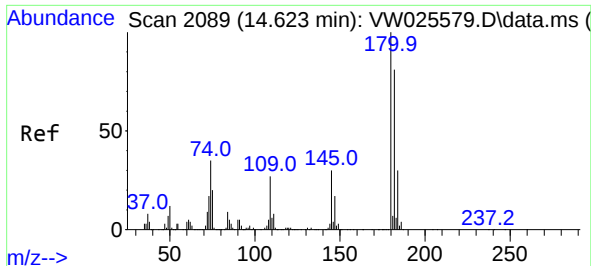
Tgt Ion:	146	Resp:	123301
Ion	Ratio	Lower	Upper
146	100		
111	46.6	35.3	52.9
148	62.4	47.9	71.9



#68
1,2-Dibromo-3-chloropropane
Concen: 41.923 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

Tgt Ion:	75	Resp:	18787
Ion	Ratio	Lower	Upper
75	100		
155	69.6	61.1	91.7
157	78.5	72.8	109.2





#69

1,3,5-Trichlorobenzene

Concen: 10.759 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025590.D

Acq: 19 Apr 2023 19:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 46091

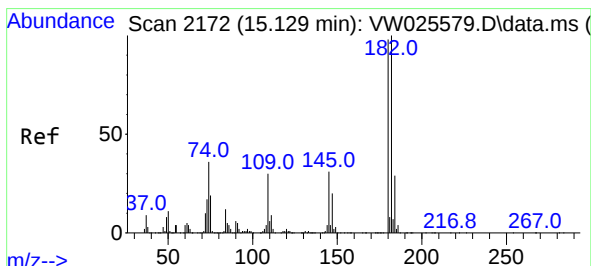
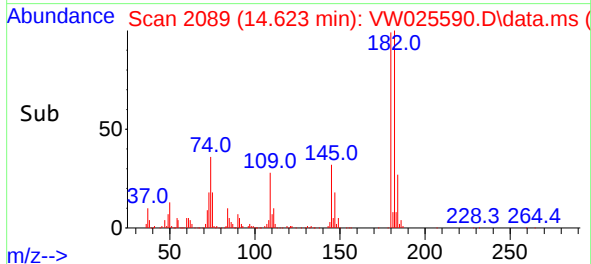
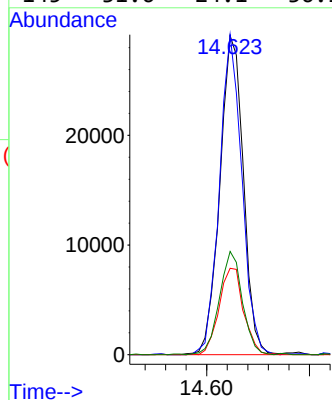
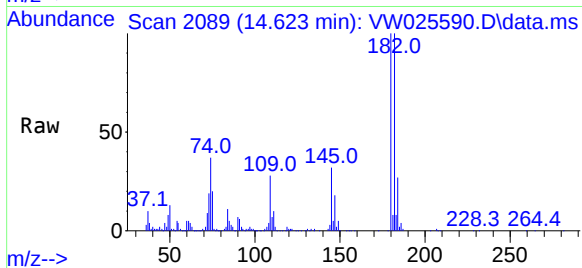
Ion Ratio Lower Upper

180 100

182 95.9 76.4 114.6

184 28.3 24.1 36.1

145 31.6 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 8.243 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025590.D

Acq: 19 Apr 2023 19:06

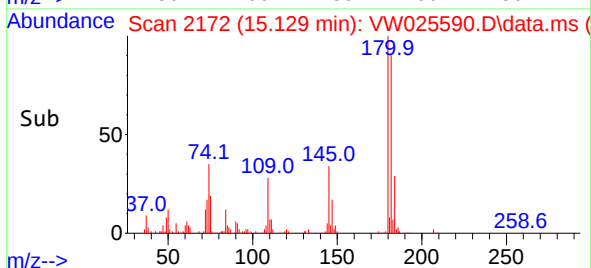
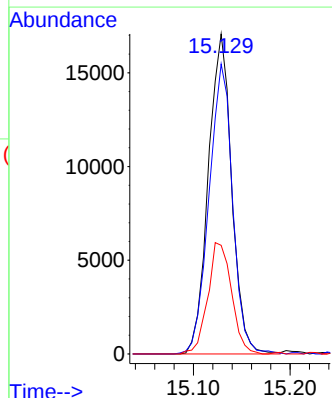
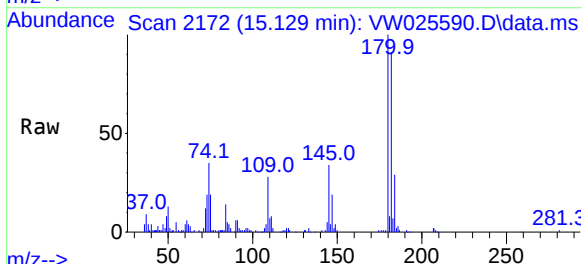
Tgt Ion:180 Resp: 28686

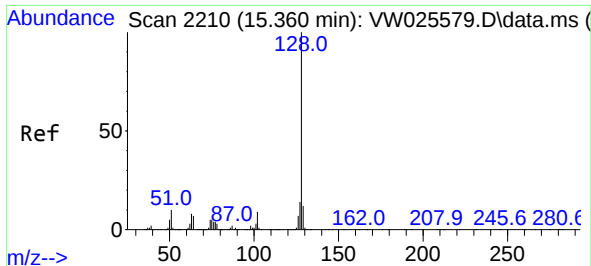
Ion Ratio Lower Upper

180 100

182 91.2 79.5 119.3

145 35.3 27.4 41.0

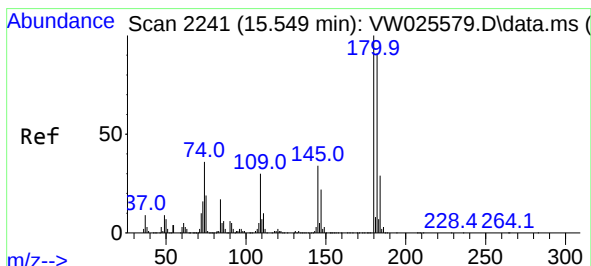
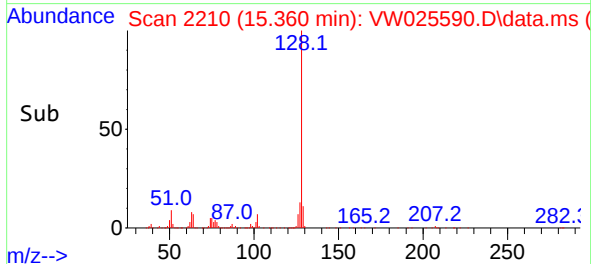
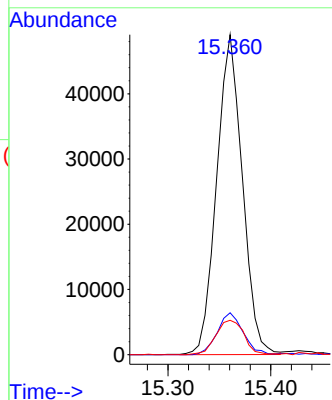
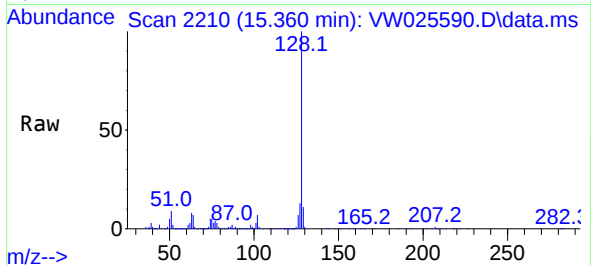




#71
Naphthalene
Concen: 13.107 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	85109
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	11.7	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 7.611 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW025590.D
Acq: 19 Apr 2023 19:06

Tgt Ion:	180	Resp:	23157
Ion Ratio	Lower	Upper	
180	100		
182	96.4	72.9	109.3
145	36.1	27.0	40.6

