

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091123\
 Data File : VW027031.D
 Acq On : 11 Sep 2023 15:23
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 12 01:14:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 09 02:59:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	571006	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	565362	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	324302	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	196150	19.228	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.920%
7) Chloroethane-d5	2.893	69	178154	21.638	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.560%
11) 1,1-Dichloroethene-d2	4.021	65	86249	22.941	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.760%
21) 2-Butanone-d5	7.075	46	90474	46.028	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.060%
24) Chloroform-d	7.648	84	459904	27.067	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.280%
26) 1,2-Dichloroethane-d4	8.301	65	221867	24.843	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.360%
32) Benzene-d6	8.270	84	957242	25.813	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.240%
36) 1,2-Dichloropropane-d6	9.270	67	271135	24.905	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.640%
41) Toluene-d8	10.319	98	859507	25.600	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	10.575	79	104206	24.665	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.680%
47) 2-Hexanone-d5	10.922	63	52546	51.699	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.400%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	239346	28.330	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.320%
66) 1,2-Dichlorobenzene-d4	13.855	152	308164	27.474	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	121597	18.512	ug/L #	81
3) Chloromethane	2.222	50	173010	17.462	ug/L	99
5) Vinyl chloride	2.375	62	223917	19.813	ug/L	96
6) Bromomethane	2.783	94	161012	21.587	ug/L	95
8) Chloroethane	2.930	64	146019	20.590	ug/L	98
9) Trichlorofluoromethane	3.253	101	152087	23.195	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	218167	26.792	ug/L	98
12) 1,1-Dichloroethene	4.045	96	196256	24.326	ug/L	98
13) Acetone	4.118	43	83221	48.353	ug/L	95
14) Carbon disulfide	4.387	76	561220	21.689	ug/L	99
15) Methyl Acetate	4.667	43	81828	22.867	ug/L #	88
16) Methylene chloride	4.923	84	247179	22.344	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	210118	23.796	ug/L	93
18) Methyl tert-butyl Ether	5.417	73	299842	24.386	ug/L	97
19) 1,1-Dichloroethane	6.210	63	409137	24.580	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	245901	25.306	ug/L	93
22) 2-Butanone	7.167	43	124688	45.025	ug/L	98
23) Bromochloromethane	7.508	128	108931	25.831	ug/L	90
25) Chloroform	7.673	83	427625	26.194	ug/L	92

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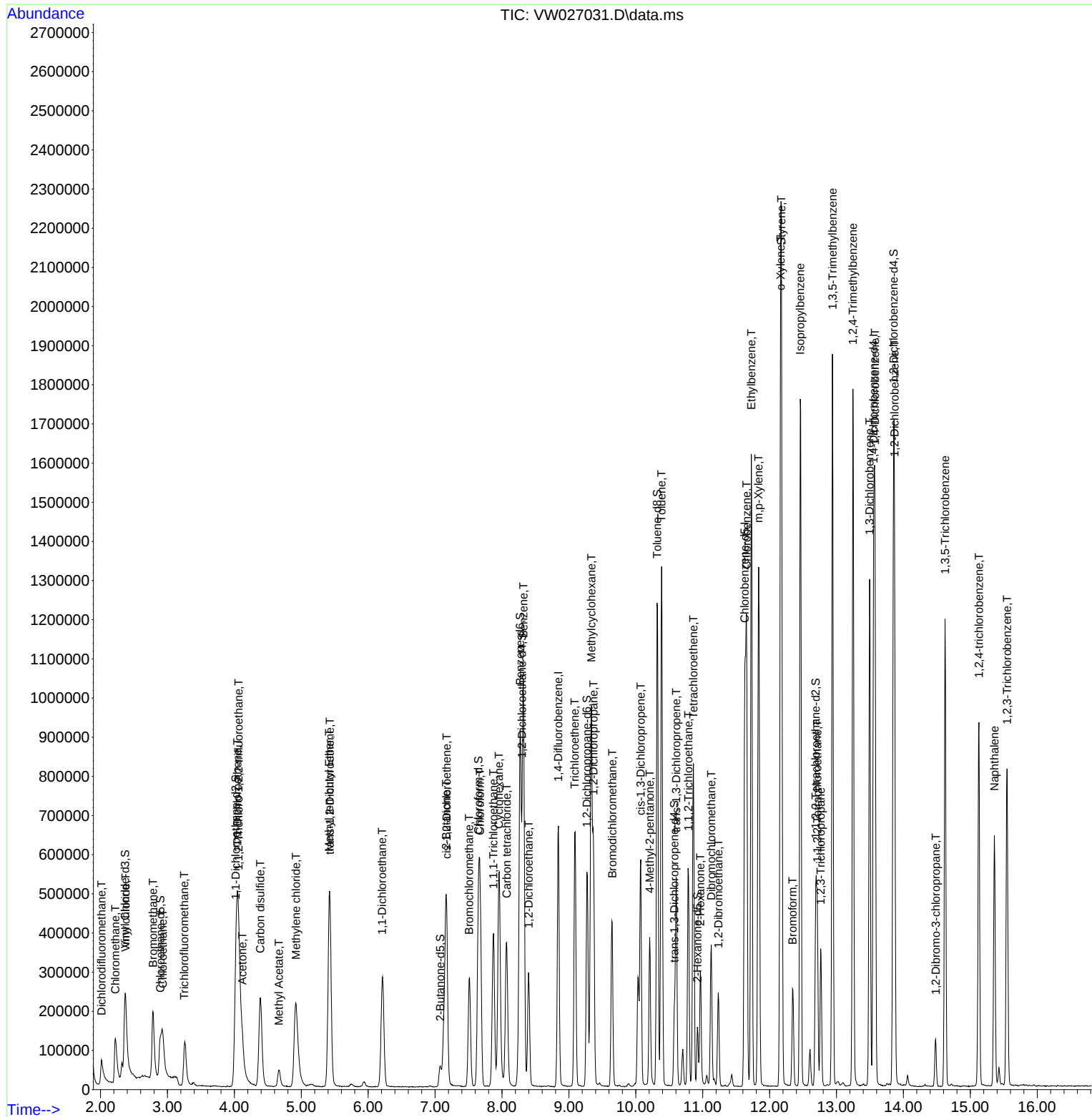
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	259091	25.110	ug/L	97
29) Cyclohexane	7.953	56	322565	21.883	ug/L	94
30) 1,1,1-Trichloroethane	7.874	97	323635	25.271	ug/L	98
31) Carbon tetrachloride	8.069	117	306513	26.854	ug/L	98
33) Benzene	8.319	78	944823	24.437	ug/L	100
34) Trichloroethene	9.087	95	239629	24.121	ug/L	92
35) Methylcyclohexane	9.337	83	396286	23.478	ug/L	99
37) 1,2-Dichloropropane	9.368	63	240985	24.424	ug/L	99
38) Bromodichloromethane	9.648	83	296979	25.558	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	366975	25.054	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	231427	45.432	ug/L	95
42) Toluene	10.386	91	1022425	25.696	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	302022	25.392	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	177901	25.029	ug/L	96
46) Tetrachloroethene	10.861	164	191284	25.224	ug/L	91
48) 2-Hexanone	10.965	43	175588	50.578	ug/L	97
49) Dibromochloromethane	11.129	129	192224	26.254	ug/L	85
50) 1,2-Dibromoethane	11.233	107	163894	25.469	ug/L	93
51) Chlorobenzene	11.654	112	645143	25.172	ug/L	97
52) Ethylbenzene	11.727	91	1134959	25.729	ug/L	97
53) m,p-Xylene	11.837	106	449852	26.960	ug/L	88
54) o-Xylene	12.166	106	427133	27.358	ug/L	90
55) Styrene	12.178	104	730511	27.415	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.714	83	221506	26.343	ug/L	99
59) Bromoform	12.343	173	120020	26.023	ug/L	96
60) Isopropylbenzene	12.458	105	1150452	25.896	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	151938	24.491	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	965851	27.245	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	942676	27.199	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	532508	26.349	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	546941	26.626	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	500400	27.481	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	33247	23.632	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	371133	26.436	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	308776	27.013	ug/L	97
71) Naphthalene	15.360	128	549564	27.171	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	284671	27.472	ug/L	99

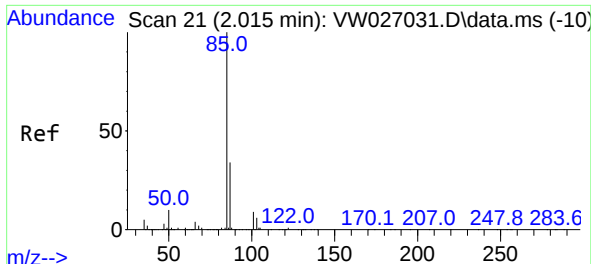
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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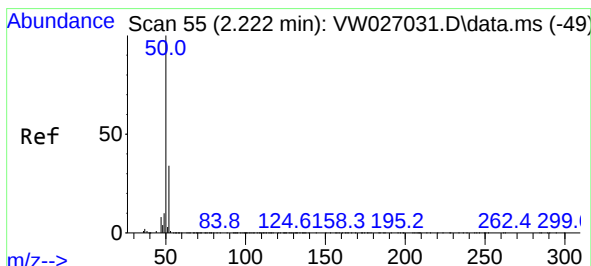
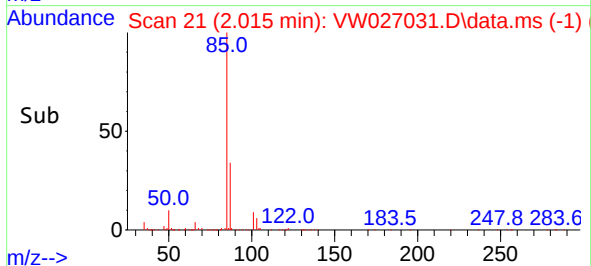
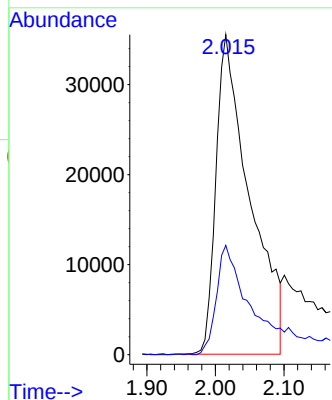
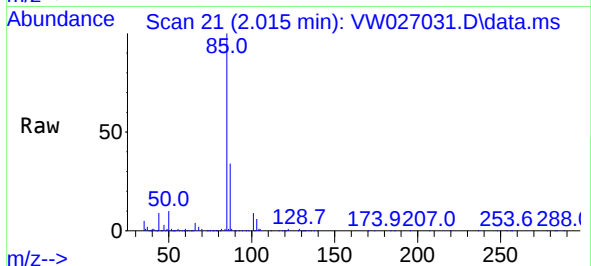




#2
Dichlorodifluoromethane
Concen: 18.512 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

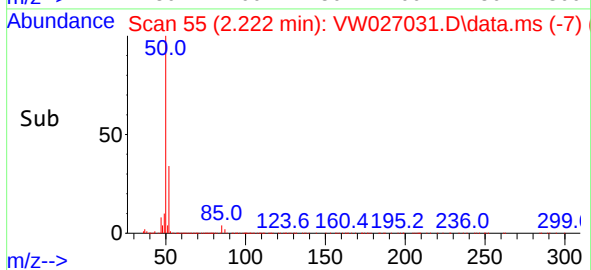
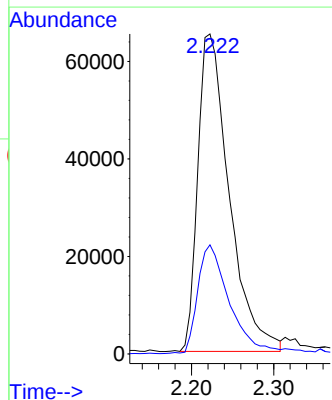
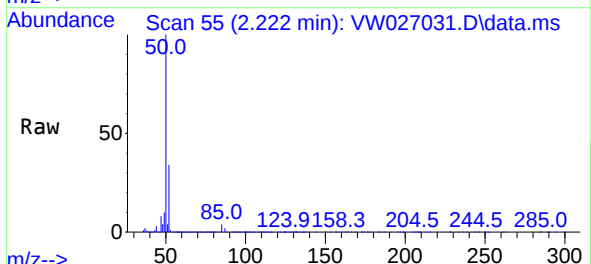
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MSVOA_W
ClientSampleId :

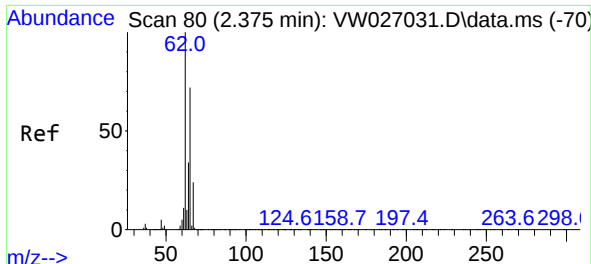
Tgt Ion: 85 Resp: 121597
Ion Ratio Lower Upper
85 100
87 33.4 19.1 28.7#



#3
Chloromethane
Concen: 17.462 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

Tgt Ion: 50 Resp: 173010
Ion Ratio Lower Upper
50 100
52 34.1 24.1 44.7

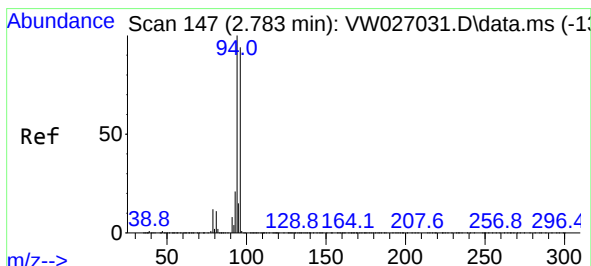
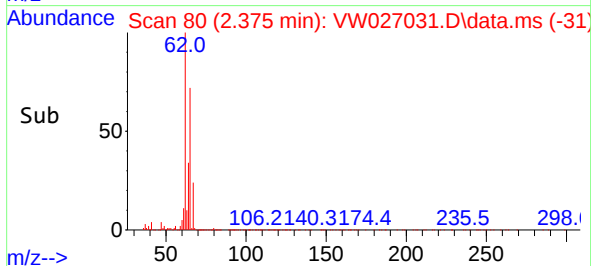
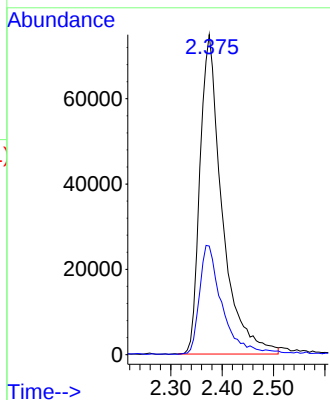
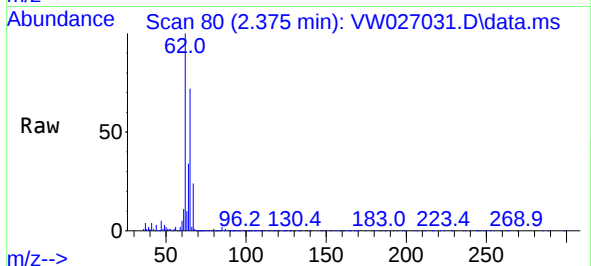




#5
 Vinyl chloride
 Concen: 19.813 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027031.D
 Acq: 11 Sep 2023 15:23

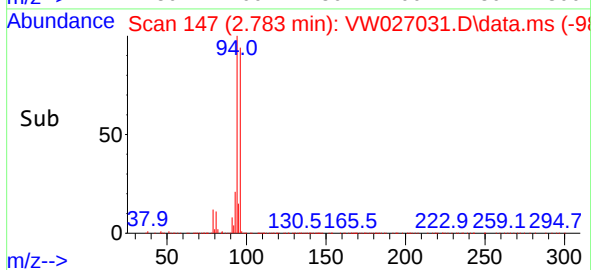
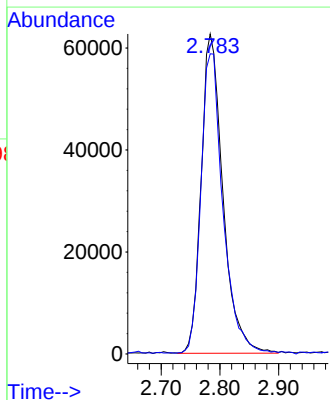
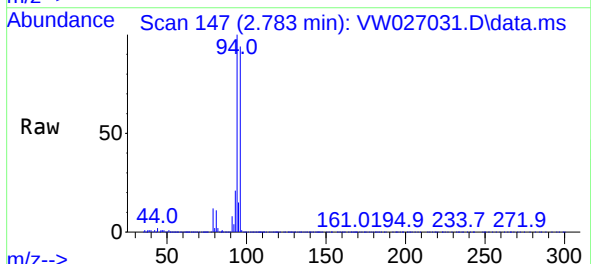
Instrument :
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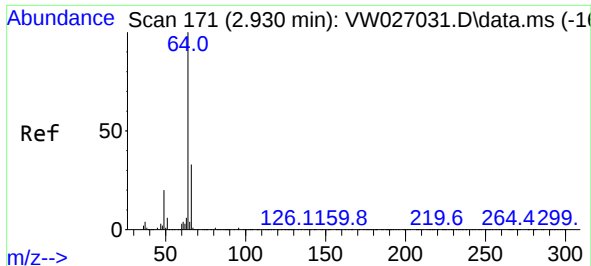
Tgt Ion: 62 Resp: 223917
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.3 41.3



#6
 Bromomethane
 Concen: 21.587 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VW027031.D
 Acq: 11 Sep 2023 15:23

Tgt Ion: 94 Resp: 161012
 Ion Ratio Lower Upper
 94 100
 96 93.8 62.6 116.2

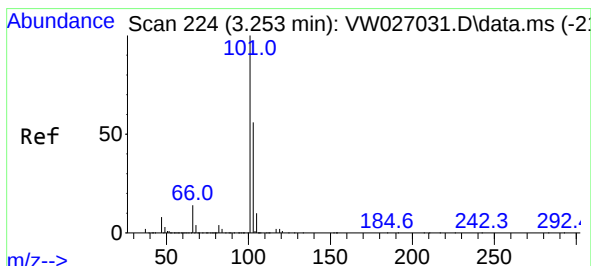
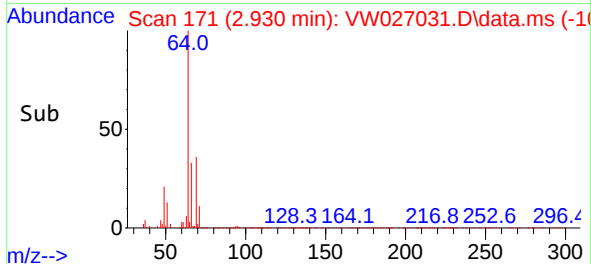
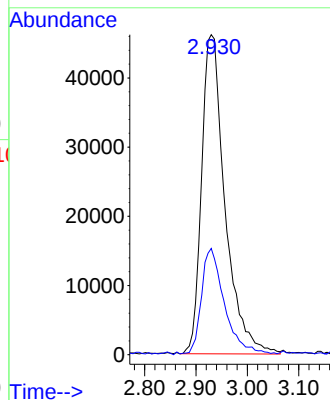
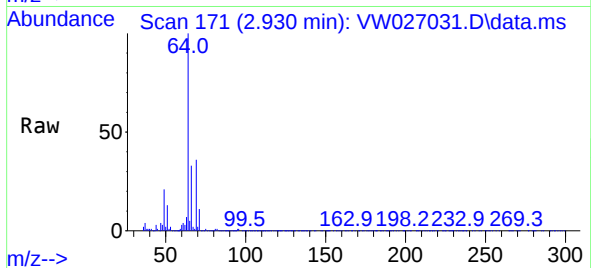




#8
Chloroethane
Concen: 20.590 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

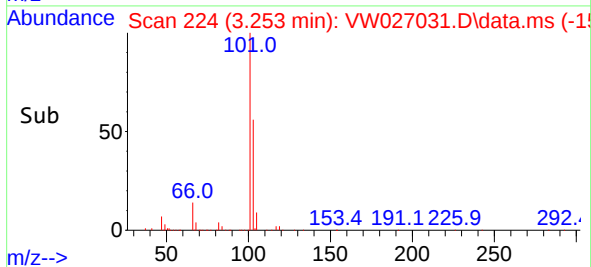
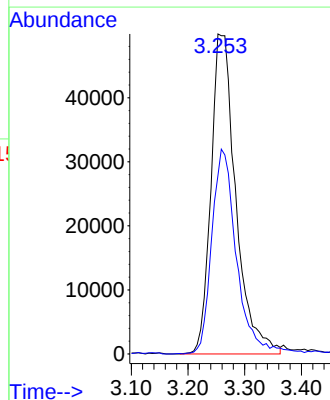
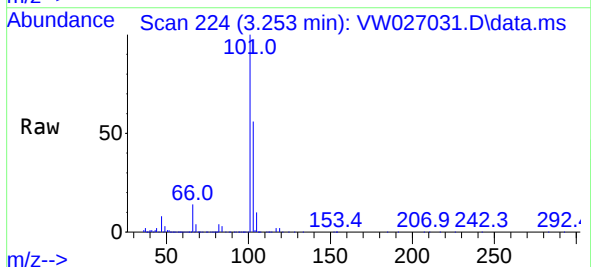
Instrument :
MSVOA_W
ClientSampleId :

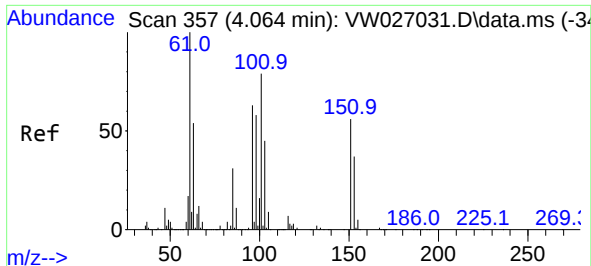
Tgt Ion: 64 Resp: 146019
Ion Ratio Lower Upper
64 100
66 33.2 22.5 41.7



#9
Trichlorofluoromethane
Concen: 23.195 ug/L
RT: 3.253 min Scan# 224
Delta R.T. -0.006 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

Tgt Ion: 101 Resp: 152087
Ion Ratio Lower Upper
101 100
103 62.3 50.2 75.4

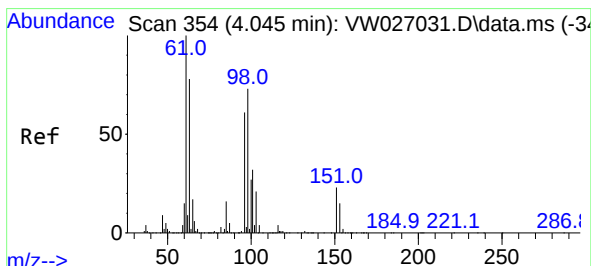
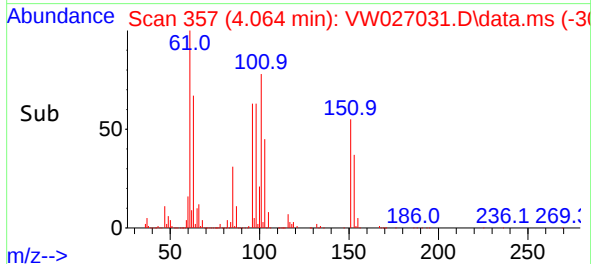
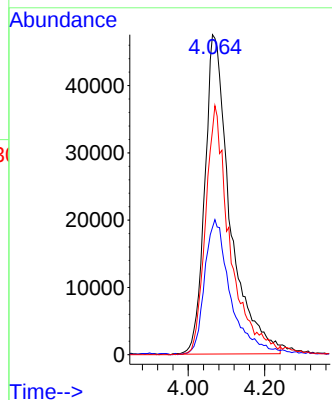
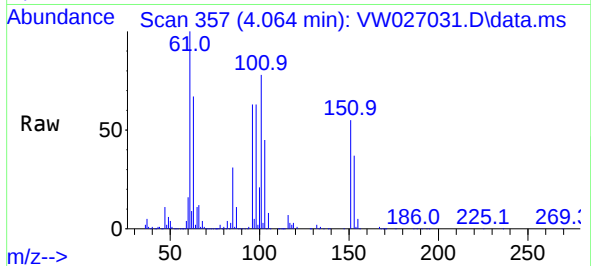




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.792 ug/L
RT: 4.064 min Scan# 357
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

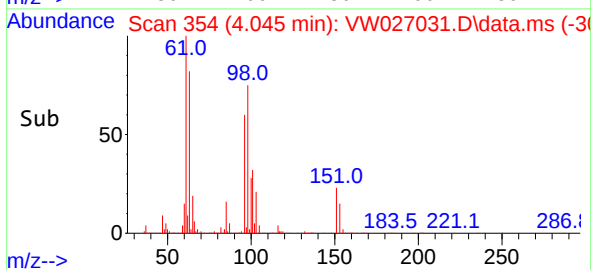
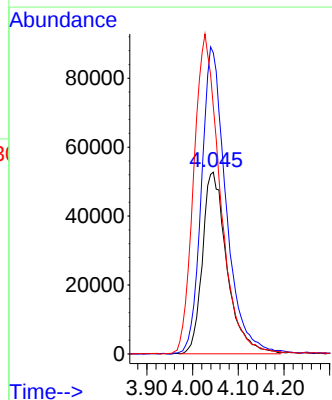
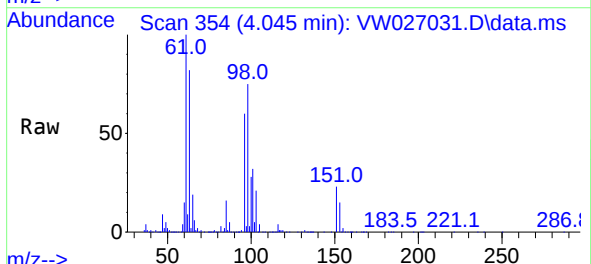
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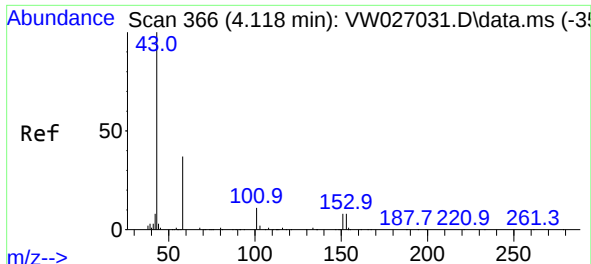
Tgt Ion:101 Resp: 218167
Ion Ratio Lower Upper
101 100
85 41.0 31.1 46.7
151 66.4 54.2 81.2



#12
1,1-Dichloroethene
Concen: 24.326 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.006 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

Tgt Ion: 96 Resp: 196256
Ion Ratio Lower Upper
96 100
61 165.7 117.0 217.4
63 136.0 97.3 180.7

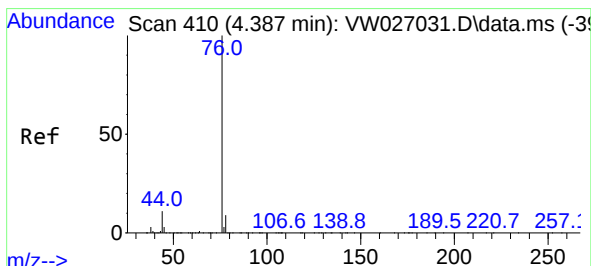
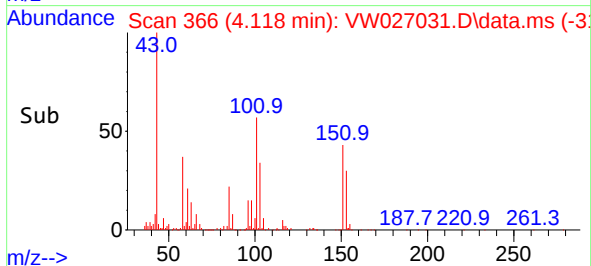
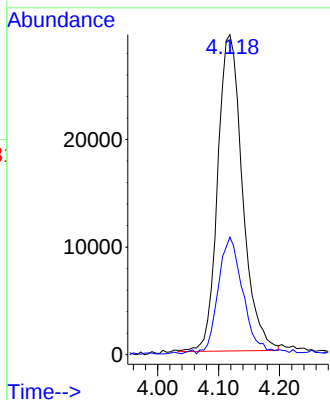
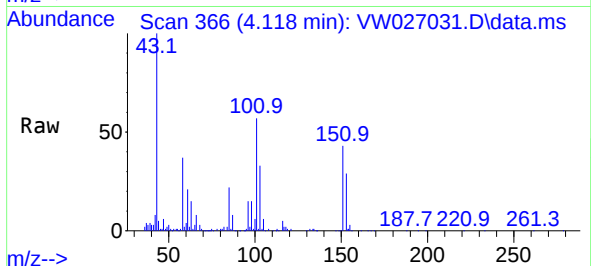




#13
Acetone
Concen: 48.353 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

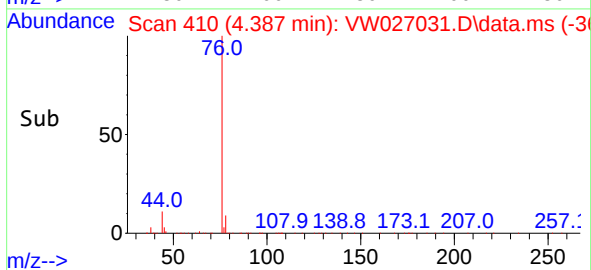
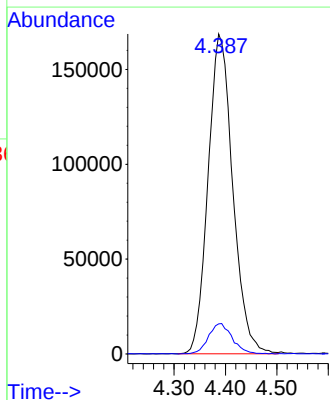
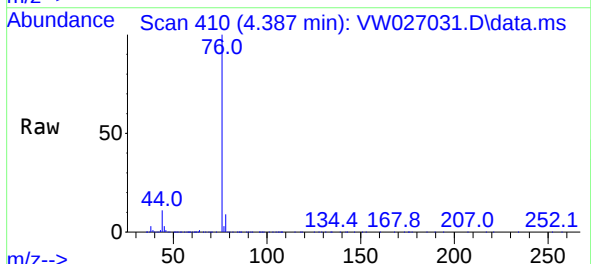
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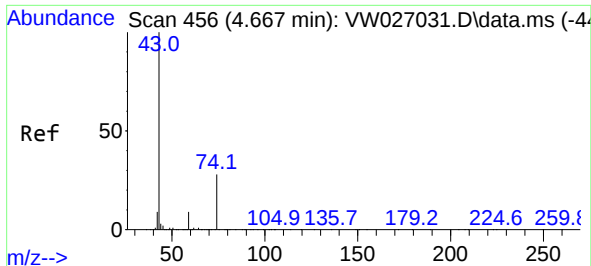
Tgt Ion: 43 Resp: 83221
Ion Ratio Lower Upper
43 100
58 36.2 0.0 66.4



#14
Carbon disulfide
Concen: 21.689 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW027031.D
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Tgt Ion: 76 Resp: 561220
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.8

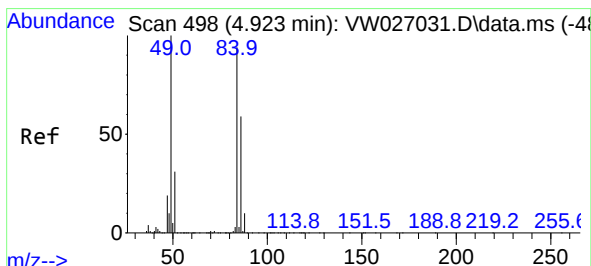
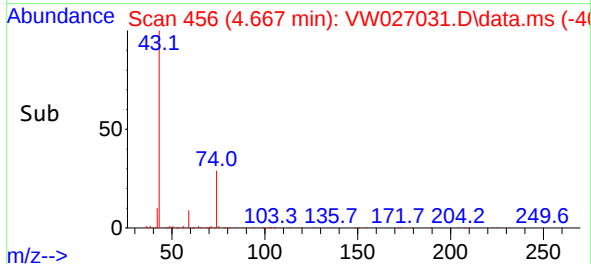
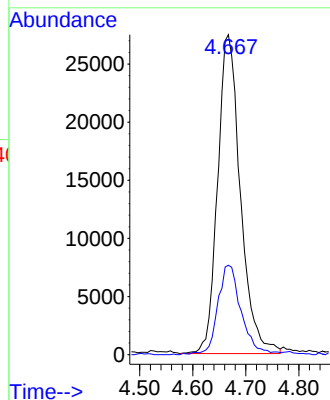
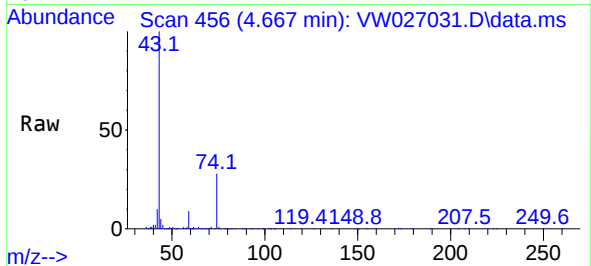




#15
Methyl Acetate
Concen: 22.867 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

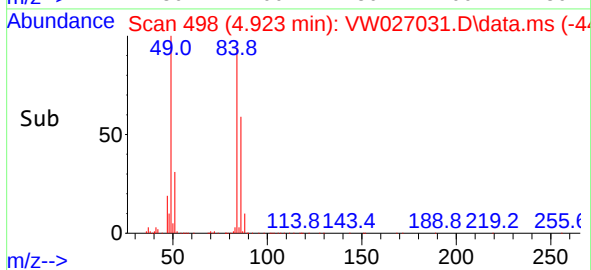
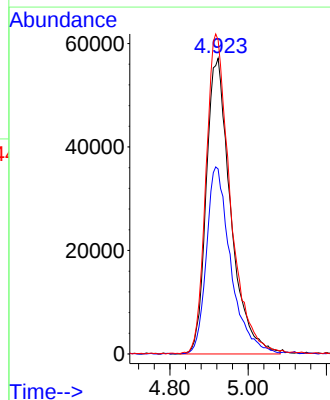
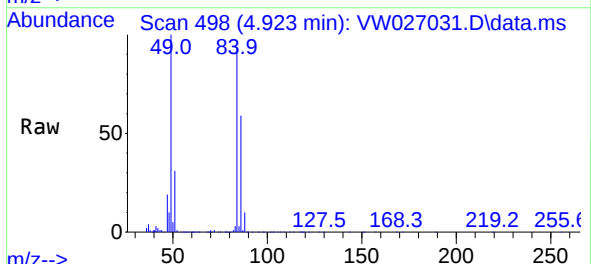
Instrument :
MSVOA_W
ClientSampleId :

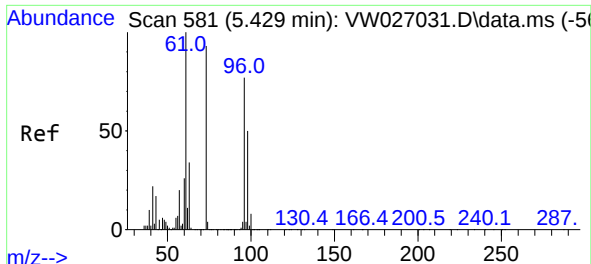
Tgt Ion: 43 Resp: 81828
Ion Ratio Lower Upper
43 100
74 27.7 0.1 0.1#



#16
Methylene chloride
Concen: 22.344 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

Tgt Ion: 84 Resp: 247179
Ion Ratio Lower Upper
84 100
86 62.6 44.1 81.9
49 106.2 82.1 152.5

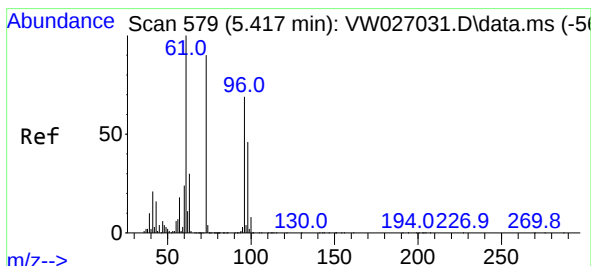
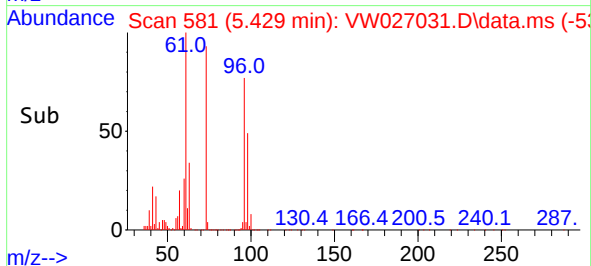
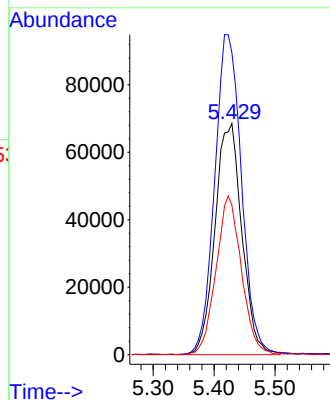
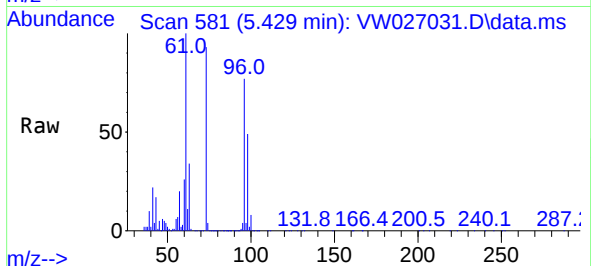




#17
trans-1,2-Dichloroethene
Concen: 23.796 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

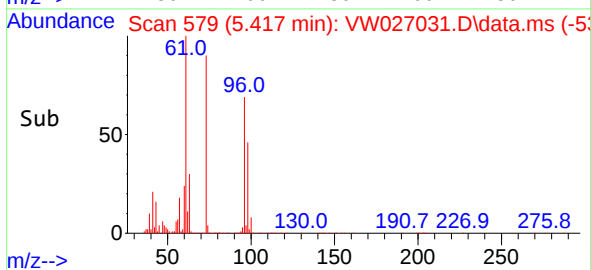
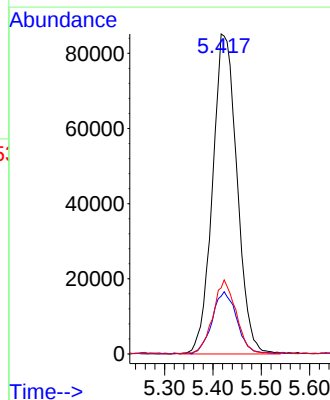
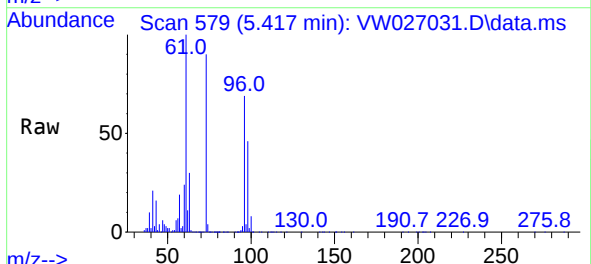
Instrument :
MSVOA_W
ClientSampleId :

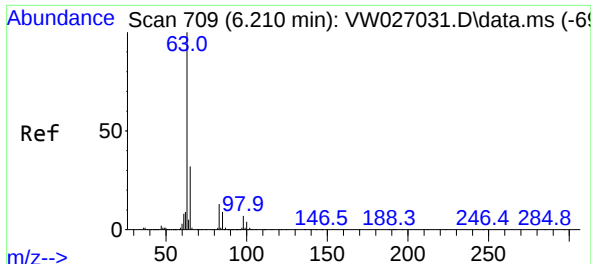
Tgt Ion: 96 Resp: 210118
Ion Ratio Lower Upper
96 100
61 130.7 100.3 186.3
98 64.6 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 24.386 ug/L
RT: 5.417 min Scan# 579
Delta R.T. -0.012 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

Tgt Ion: 73 Resp: 299842
Ion Ratio Lower Upper
73 100
43 19.7 16.5 24.7
57 21.5 18.5 27.7

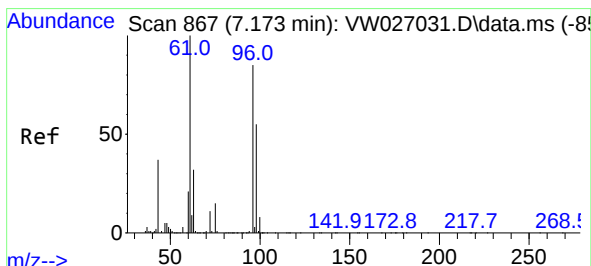
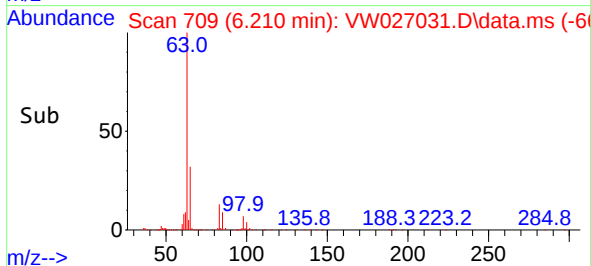
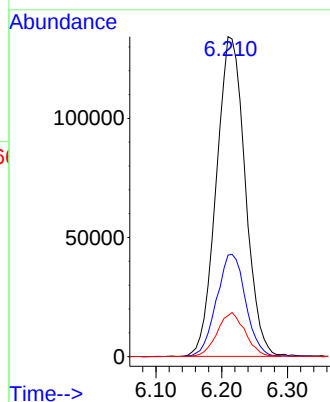
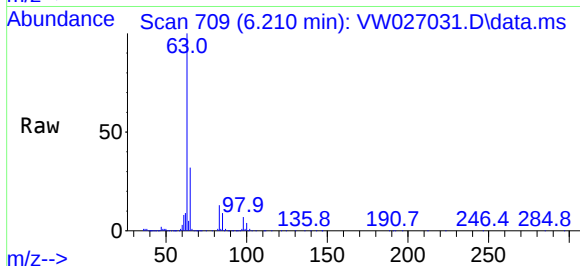




#19
1,1-Dichloroethane
Concen: 24.580 ug/L
RT: 6.210 min Scan# 709
Delta R.T. -0.006 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

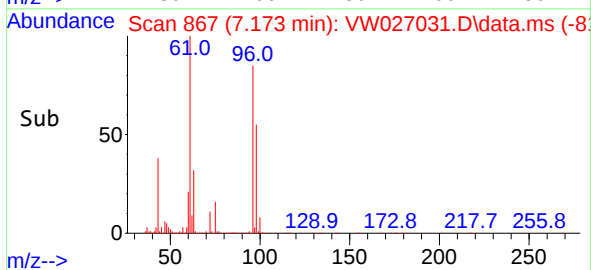
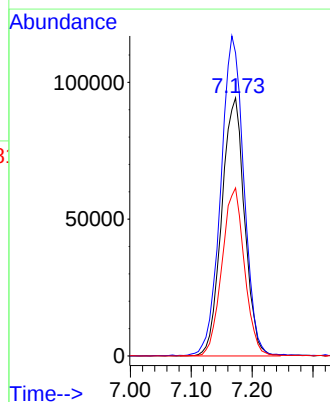
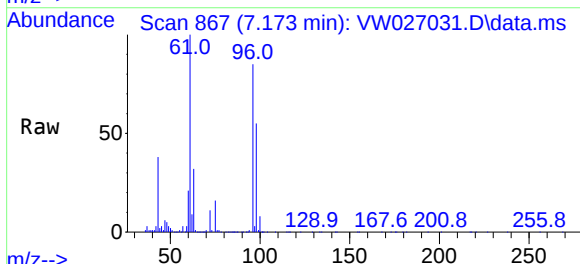
Instrument :
MSVOA_W
ClientSampleId :

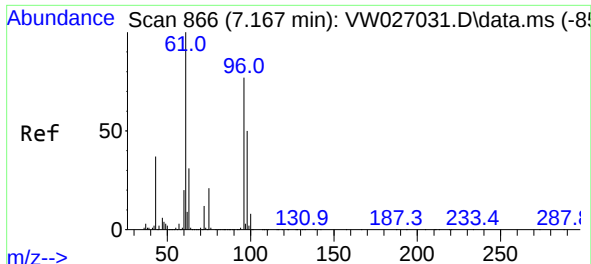
Tgt Ion: 63 Resp: 409137
Ion Ratio Lower Upper
63 100
65 31.8 22.1 41.1
83 12.9 8.3 15.3



#20
cis-1,2-Dichloroethene
Concen: 25.306 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

Tgt Ion: 96 Resp: 245901
Ion Ratio Lower Upper
96 100
61 117.5 89.0 165.4
98 65.1 43.6 81.0

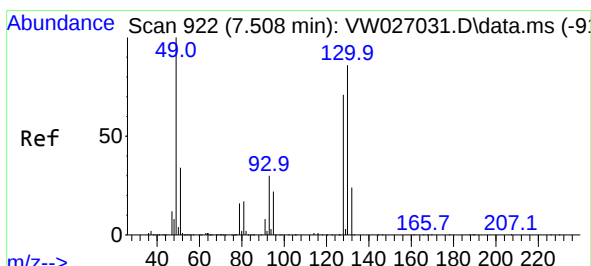
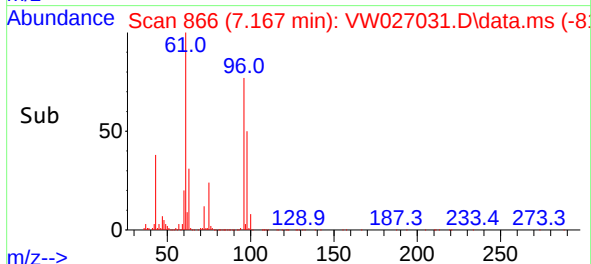
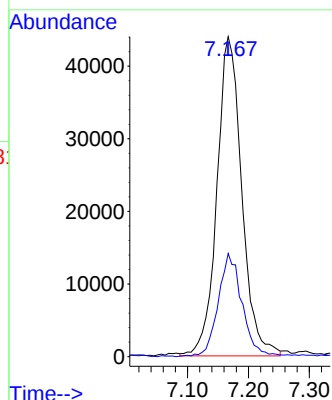
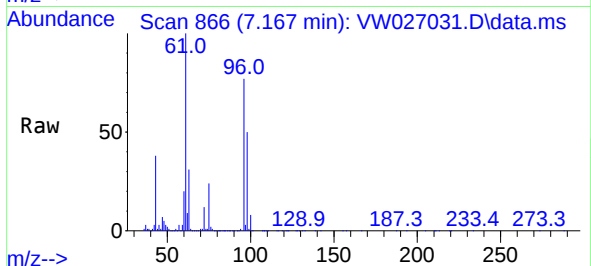




#22
2-Butanone
Concen: 45.025 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

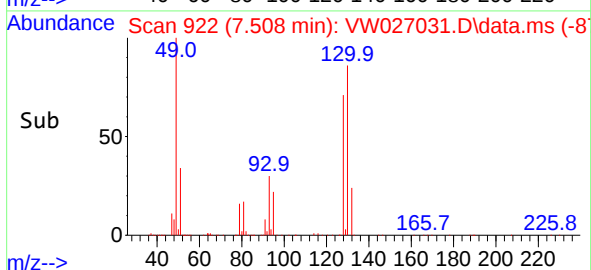
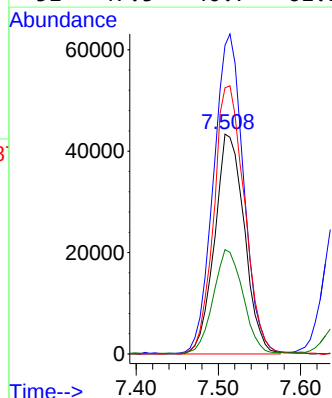
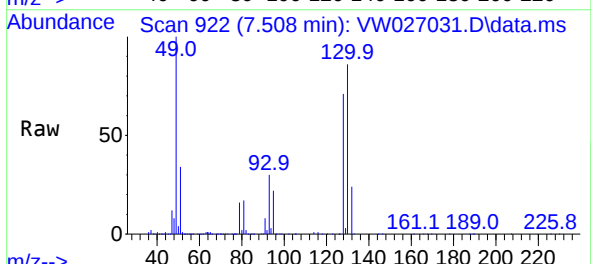
Instrument :
MSVOA_W
ClientSampleId :

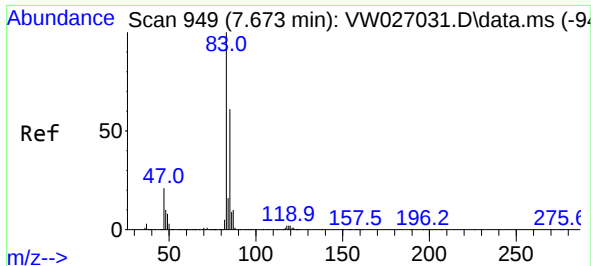
Tgt Ion: 43 Resp: 124688
Ion Ratio Lower Upper
43 100
72 29.9 14.4 43.0



#23
Bromochloromethane
Concen: 25.831 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

Tgt Ion: 128 Resp: 108931
Ion Ratio Lower Upper
128 100
49 140.4 111.6 207.2
130 121.0 90.9 168.7
51 47.5 40.7 61.1

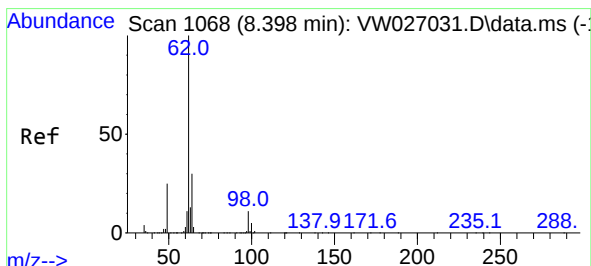
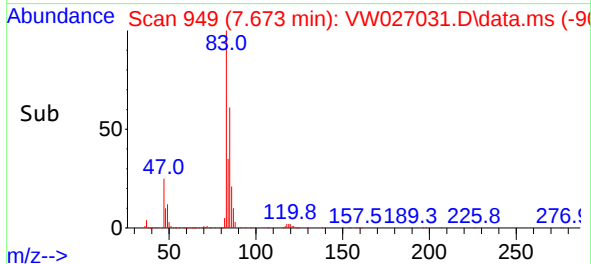
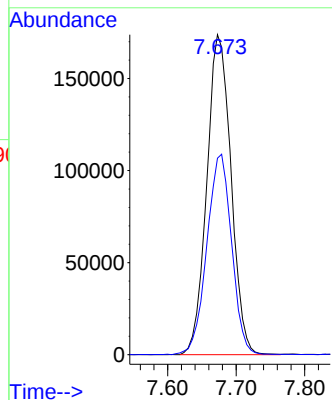
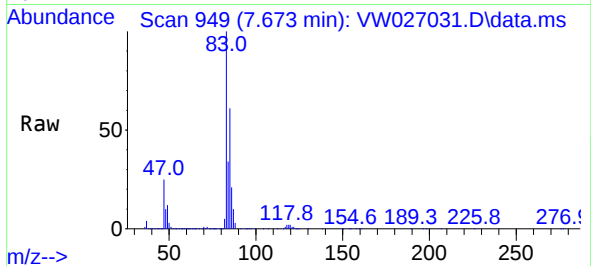




#25
Chloroform
Concen: 26.194 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

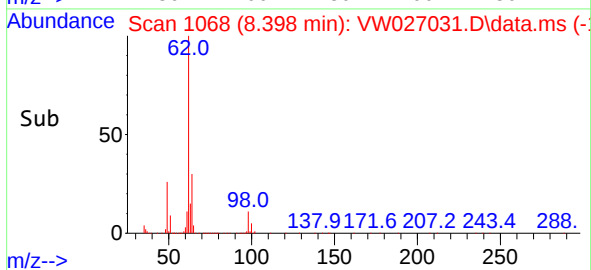
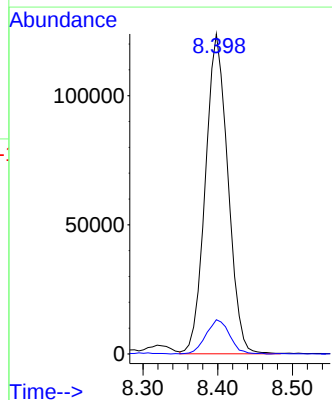
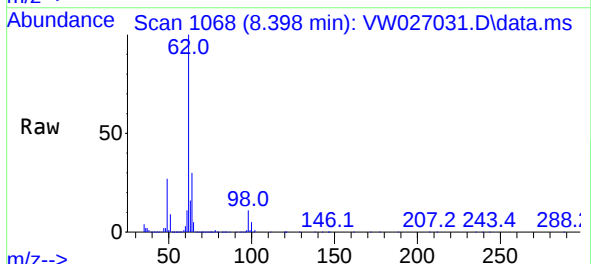
Instrument :
MSVOA_W
ClientSampleId :

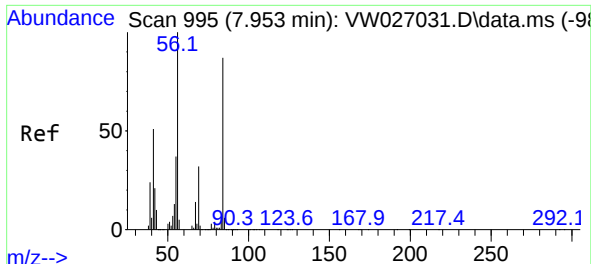
Tgt Ion: 83 Resp: 427625
Ion Ratio Lower Upper
83 100
85 61.4 47.3 87.9



#27
1,2-Dichloroethane
Concen: 25.110 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

Tgt Ion: 62 Resp: 259091
Ion Ratio Lower Upper
62 100
98 10.7 7.6 11.4





#29

Cyclohexane

Concen: 21.883 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

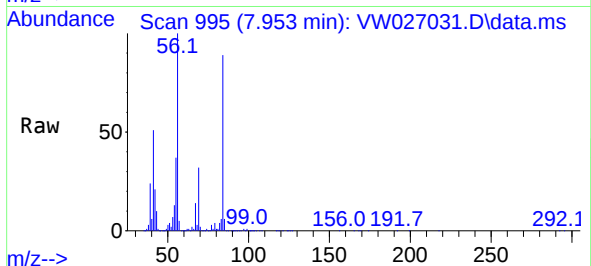
Lab File: VW027031.D

Acq: 11 Sep 2023 15:23

Instrument :

MSVOA_W

ClientSampleId :



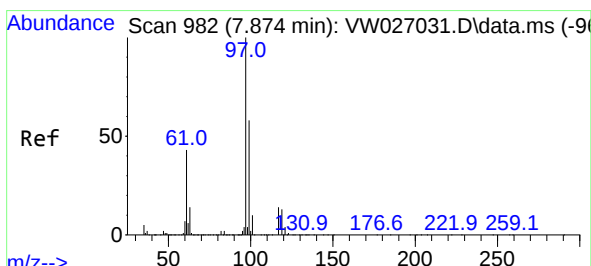
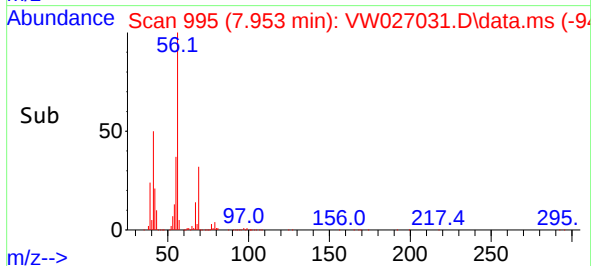
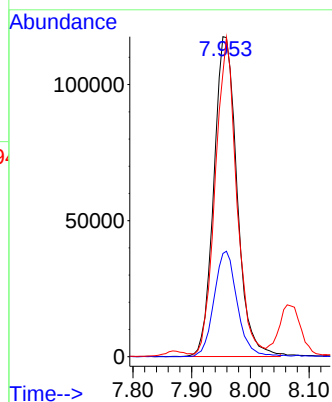
Tgt Ion: 56 Resp: 322565

Ion Ratio Lower Upper

56 100

69 32.9 24.8 37.2

84 92.0 68.2 102.4



#30

1,1,1-Trichloroethane

Concen: 25.271 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW027031.D

Acq: 11 Sep 2023 15:23

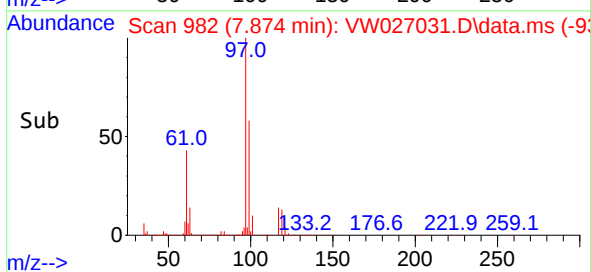
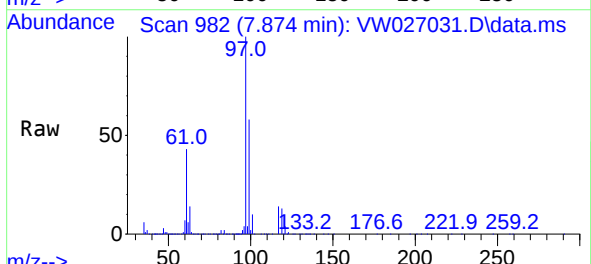
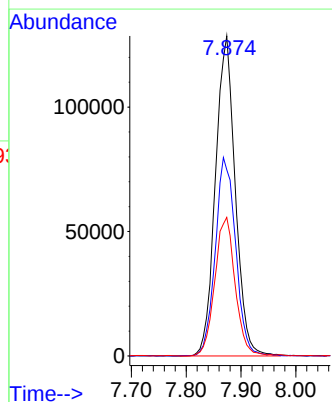
Tgt Ion: 97 Resp: 323635

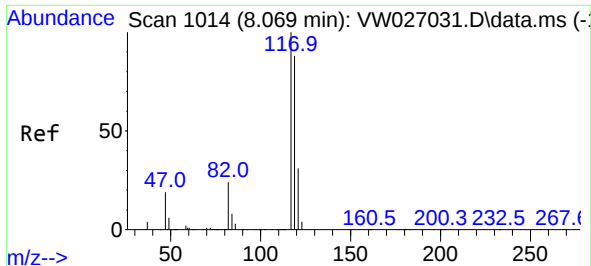
Ion Ratio Lower Upper

97 100

99 63.8 50.8 76.2

61 44.4 37.6 56.4

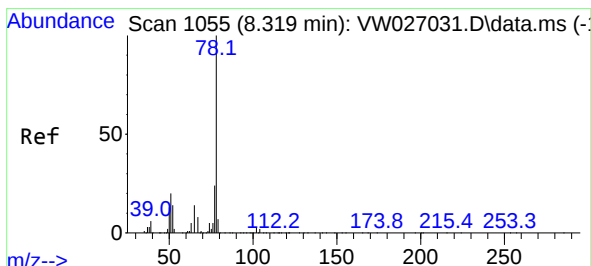
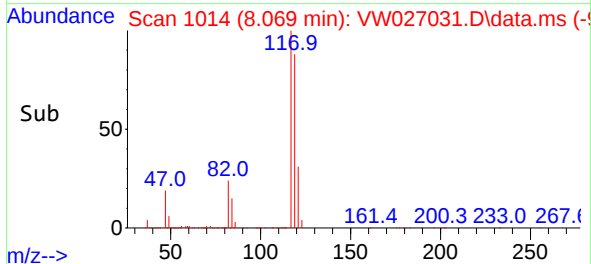
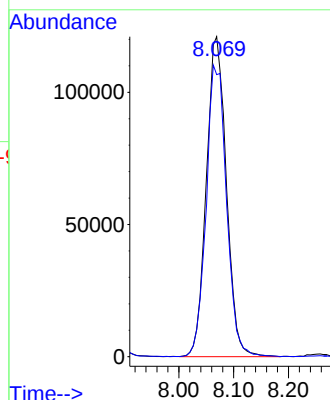
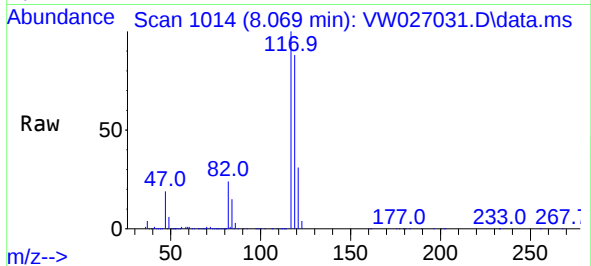




#31
Carbon tetrachloride
Concen: 26.854 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

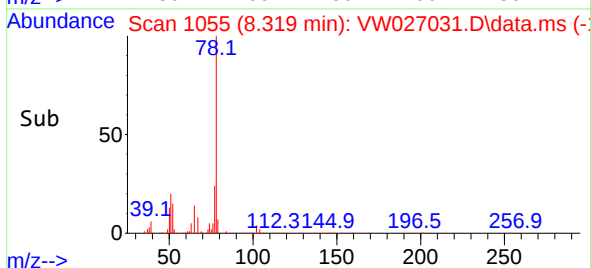
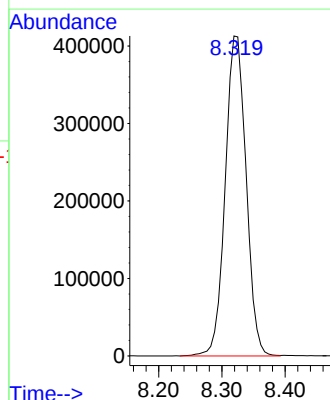
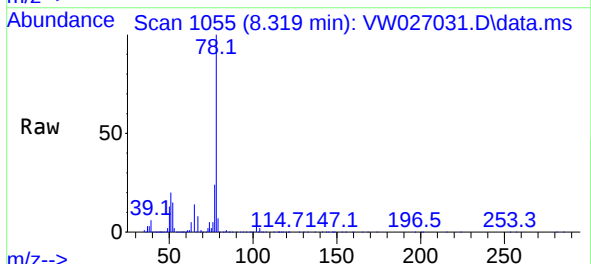
Instrument :
MSVOA_W
ClientSampleId :

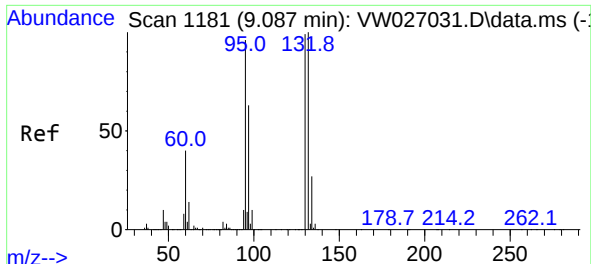
Tgt Ion:117 Resp: 306513
Ion Ratio Lower Upper
117 100
119 92.7 76.1 114.1



#33
Benzene
Concen: 24.437 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

Tgt Ion: 78 Resp: 944823

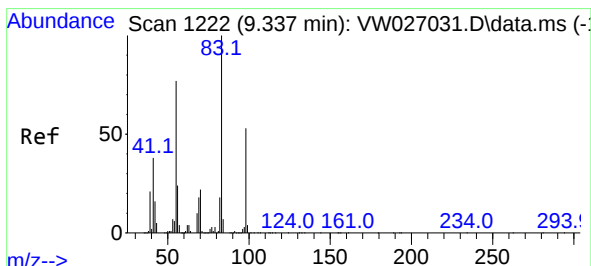
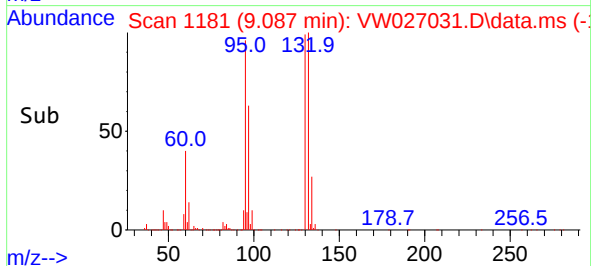
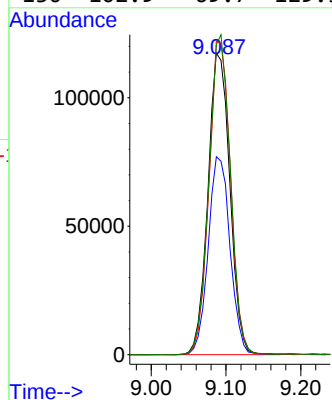
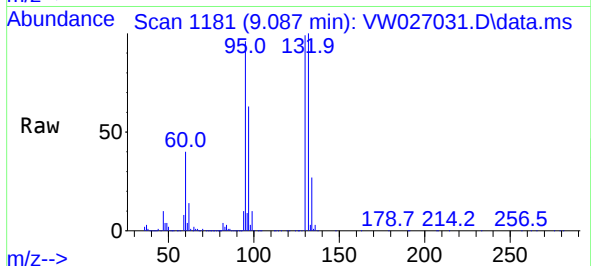




#34
Trichloroethene
Concen: 24.121 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

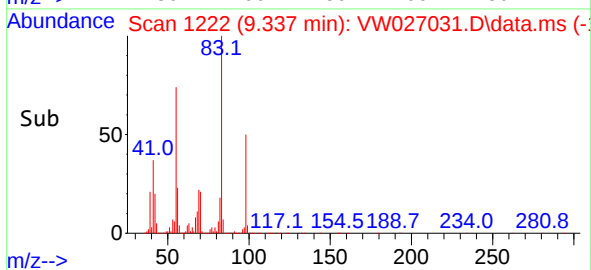
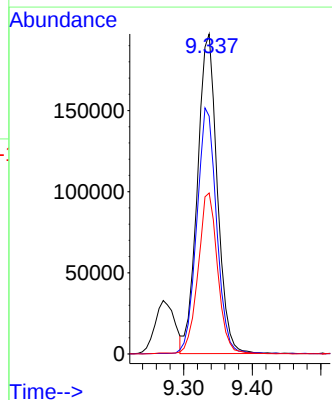
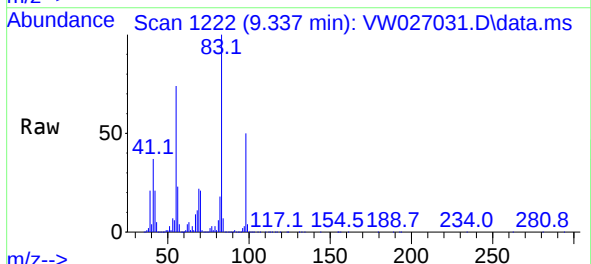
Instrument :
MSVOA_W
ClientSampleId :

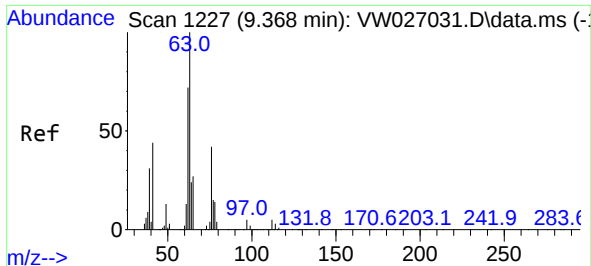
Tgt Ion: 95 Resp: 239629
Ion Ratio Lower Upper
95 100
97 65.6 42.4 78.8
132 104.0 63.1 117.3
130 102.9 69.7 129.5



#35
Methylcyclohexane
Concen: 23.478 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

Tgt Ion: 83 Resp: 396286
Ion Ratio Lower Upper
83 100
55 77.0 61.7 92.5
98 49.8 38.3 57.5





#37

1,2-Dichloropropane

Concen: 24.424 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027031.D

Acq: 11 Sep 2023 15:23

Instrument :

MSVOA_W

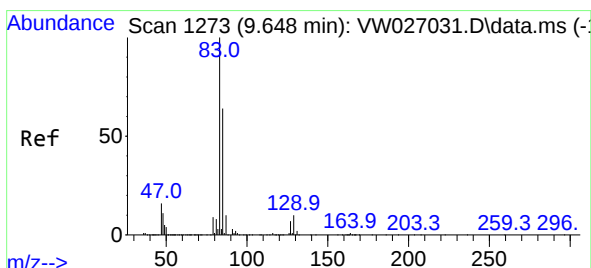
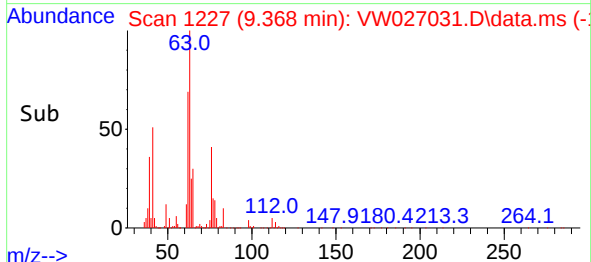
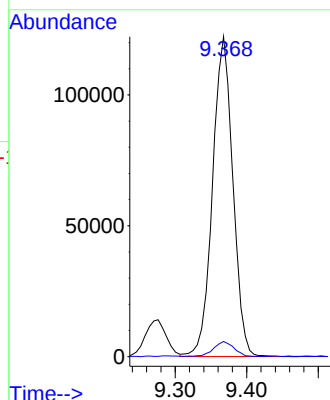
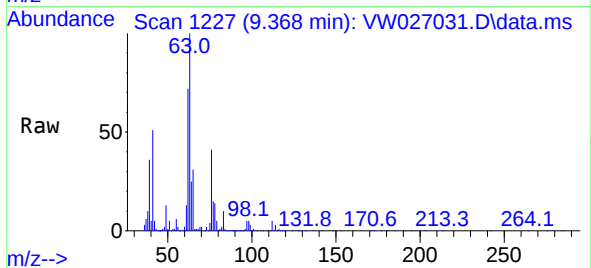
ClientSampleId :

Tgt Ion: 63 Resp: 240985

Ion Ratio Lower Upper

63 100

112 4.8 3.5 5.3



#38

Bromodichloromethane

Concen: 25.558 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW027031.D

Acq: 11 Sep 2023 15:23

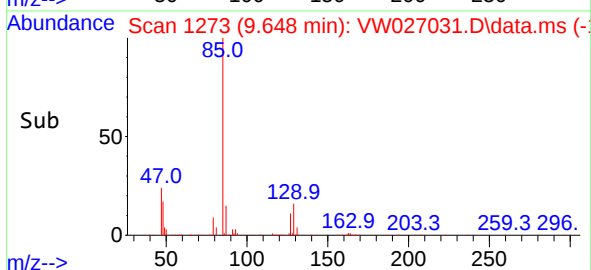
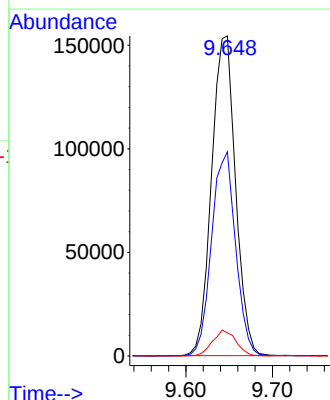
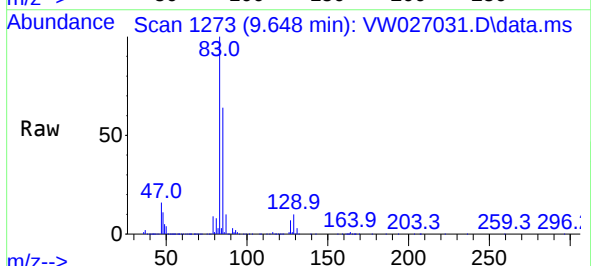
Tgt Ion: 83 Resp: 296979

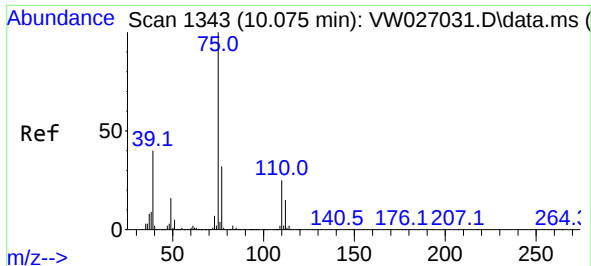
Ion Ratio Lower Upper

83 100

85 63.8 44.4 82.4

127 7.2 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 25.054 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW027031.D

Acq: 11 Sep 2023 15:23

Instrument :

MSVOA_W

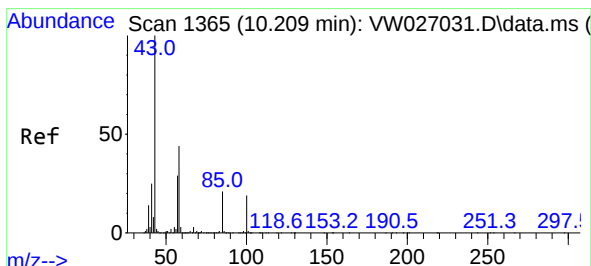
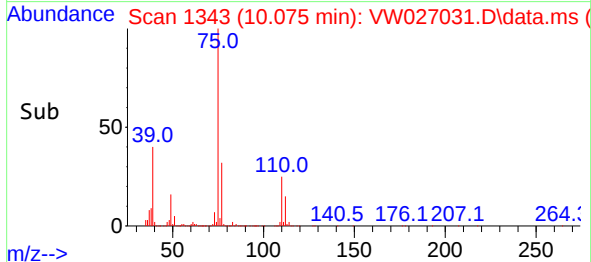
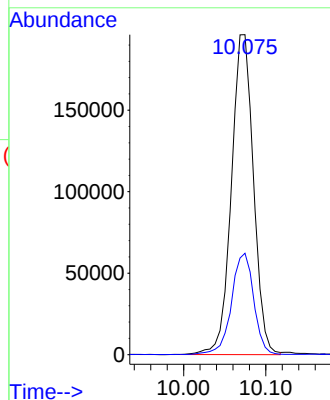
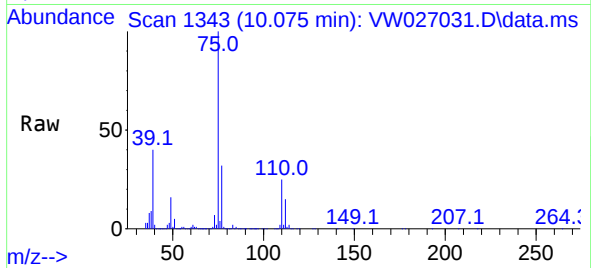
ClientSampleId :

Tgt Ion: 75 Resp: 366975

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 45.432 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027031.D

Acq: 11 Sep 2023 15:23

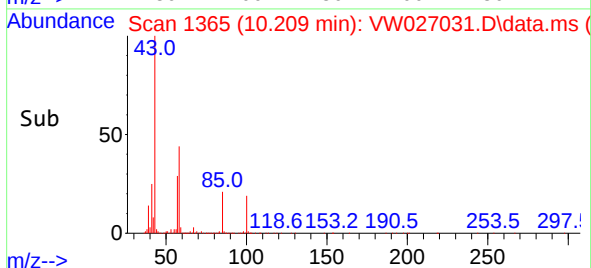
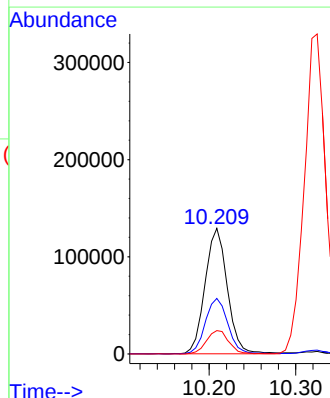
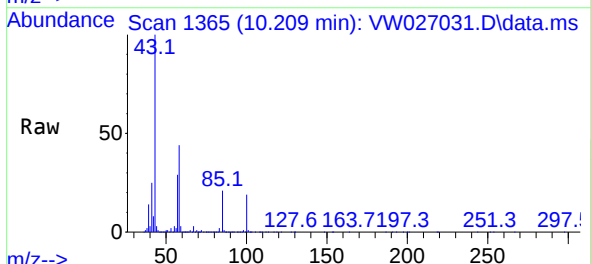
Tgt Ion: 43 Resp: 231427

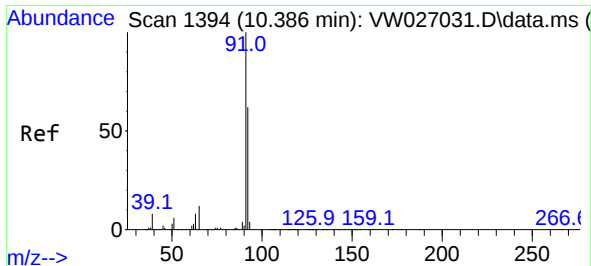
Ion Ratio Lower Upper

43 100

58 44.9 33.4 50.2

100 18.7 13.0 19.4

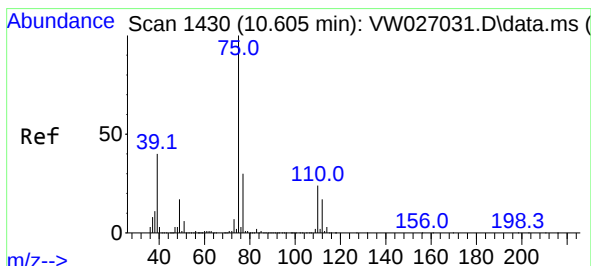
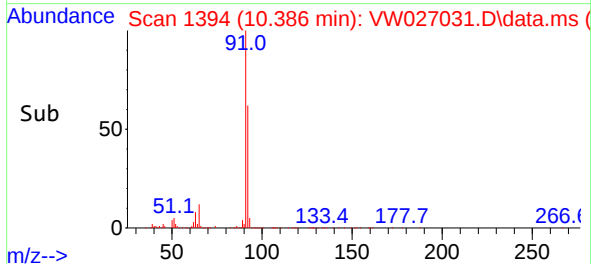
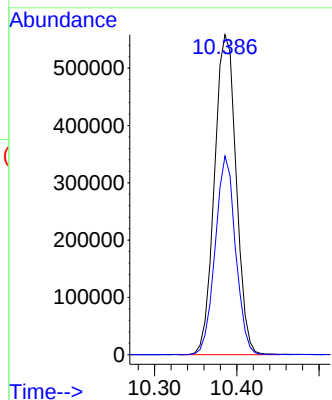
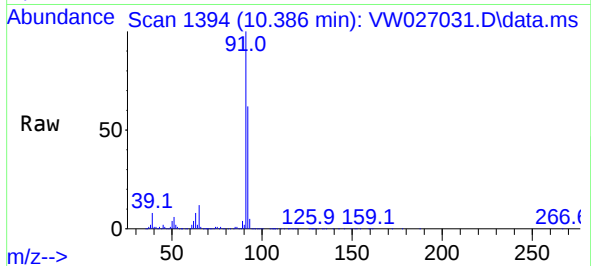




#42
Toluene
Concen: 25.696 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

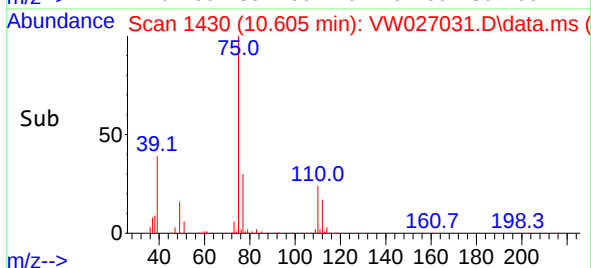
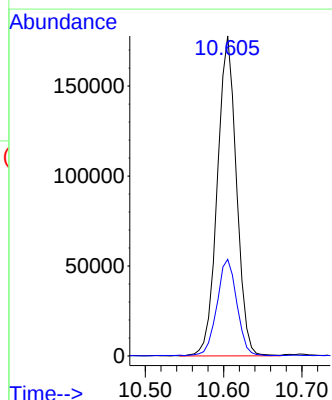
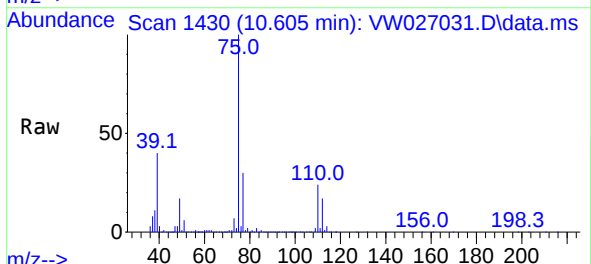
Instrument :
MSVOA_W
ClientSampleId :

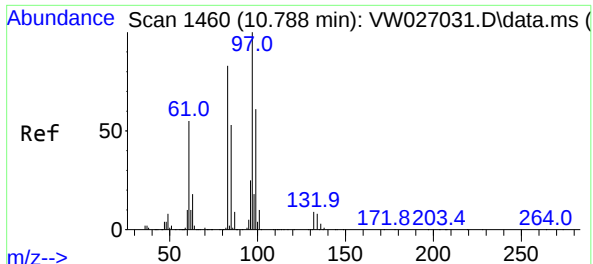
Tgt Ion: 91 Resp: 1022425
Ion Ratio Lower Upper
91 100
92 62.0 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 25.392 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

Tgt Ion: 75 Resp: 302022
Ion Ratio Lower Upper
75 100
77 30.2 23.0 42.6



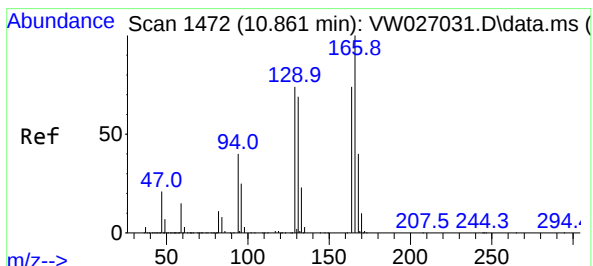
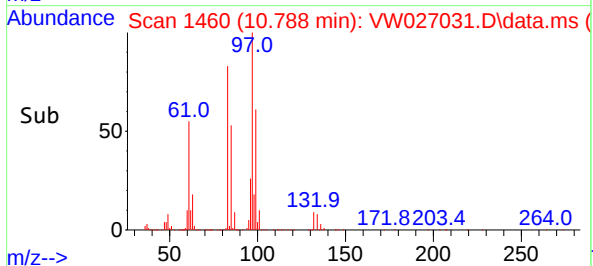
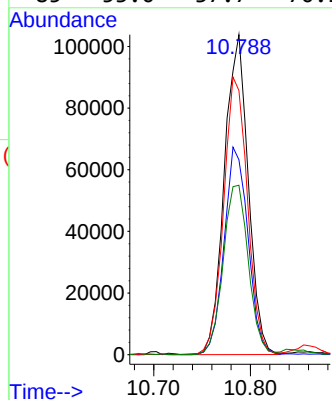
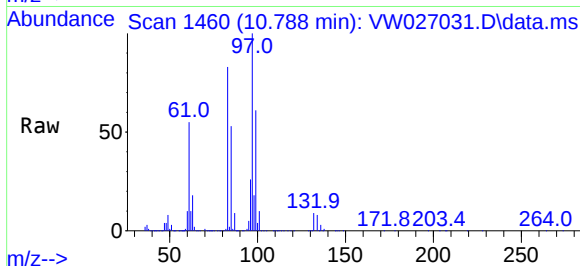


#45
1,1,2-Trichloroethane
Concen: 25.029 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 177901

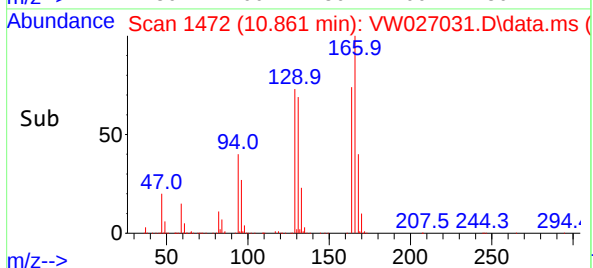
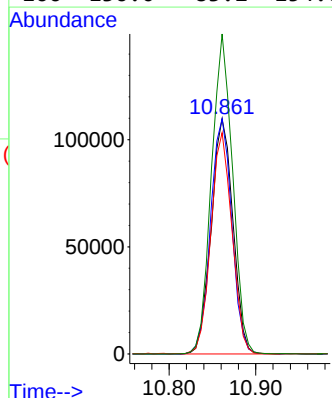
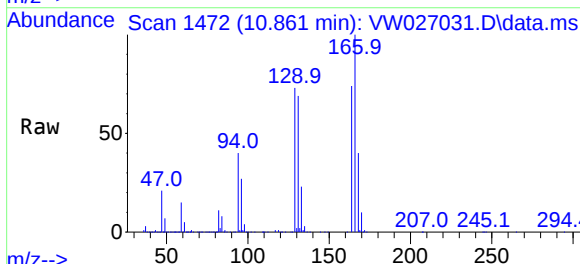
Ion	Ratio	Lower	Upper
97	100		
99	60.9	44.7	82.9
83	82.5	60.9	113.1
85	53.0	37.7	70.1

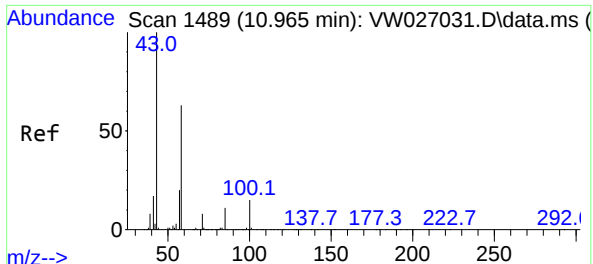


#46
Tetrachloroethene
Concen: 25.224 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

Tgt Ion: 164 Resp: 191284

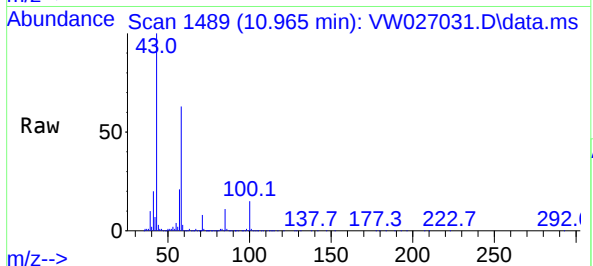
Ion	Ratio	Lower	Upper
164	100		
129	100.0	71.4	132.6
131	94.1	60.8	113.0
166	136.0	83.2	154.6





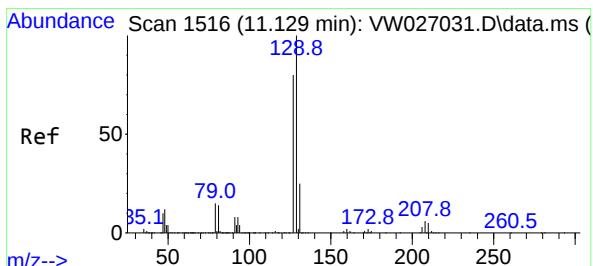
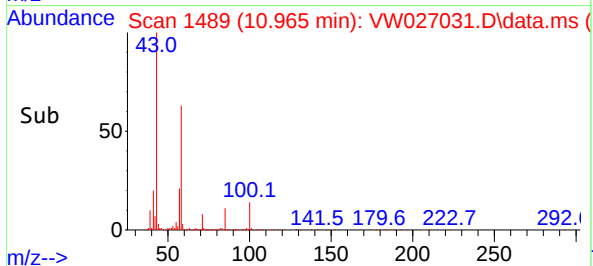
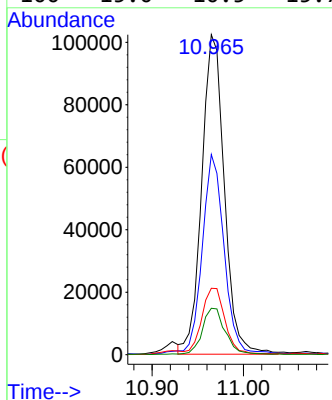
#48
2-Hexanone
Concen: 50.578 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 175588

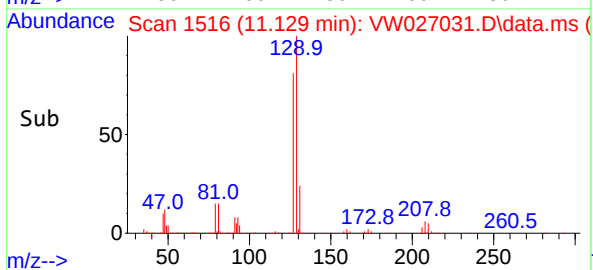
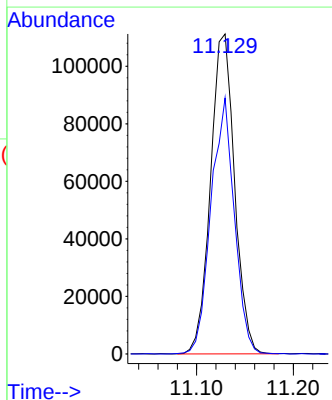
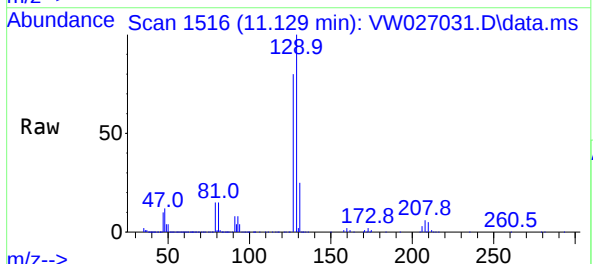
Ion	Ratio	Lower	Upper
43	100		
58	60.4	47.5	71.3
57	21.6	15.2	22.8
100	15.0	10.5	15.7

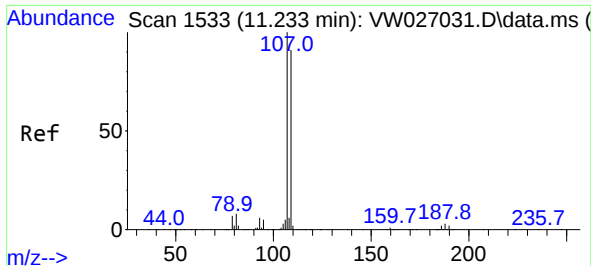


#49
Dibromochloromethane
Concen: 26.254 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

Tgt Ion: 129 Resp: 192224

Ion	Ratio	Lower	Upper
129	100		
127	80.0	47.5	88.3

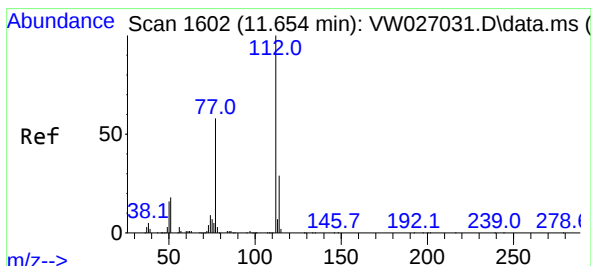
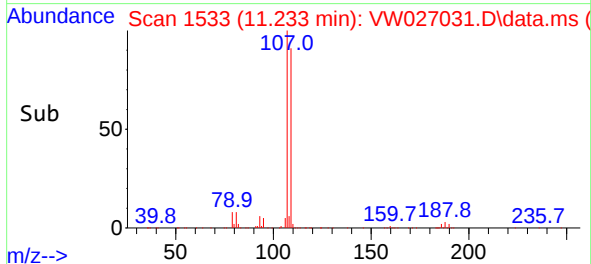
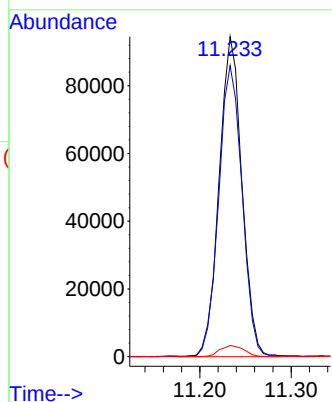
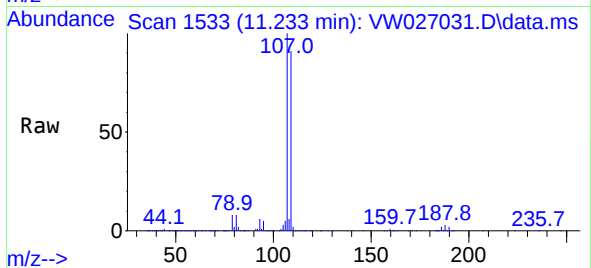




#50
1,2-Dibromoethane
Concen: 25.469 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

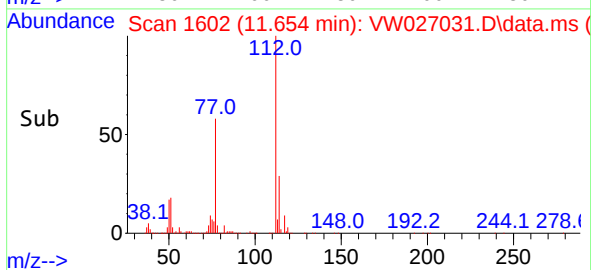
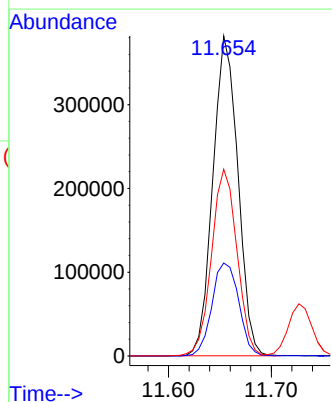
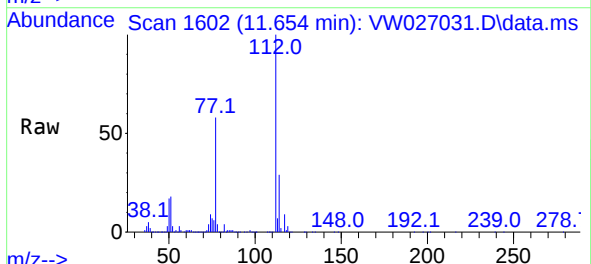
Instrument :
MSVOA_W
ClientSampleId :

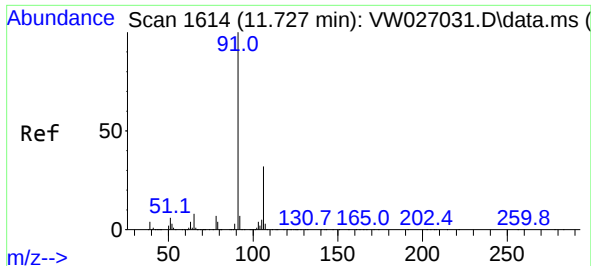
Tgt Ion:107 Resp: 163894
Ion Ratio Lower Upper
107 100
109 90.9 68.5 127.1
188 3.6 2.9 4.3



#51
Chlorobenzene
Concen: 25.172 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

Tgt Ion:112 Resp: 645143
Ion Ratio Lower Upper
112 100
114 29.1 20.5 38.1
77 58.4 49.5 74.3

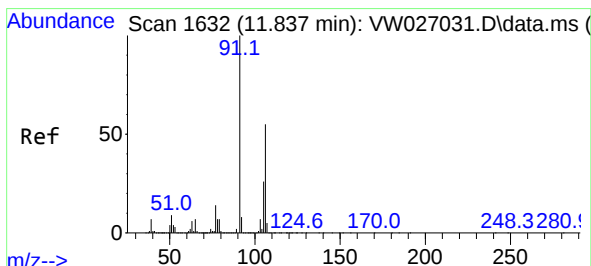
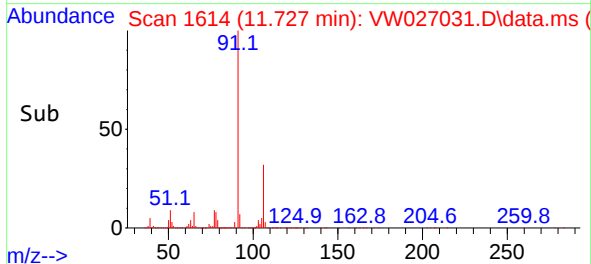
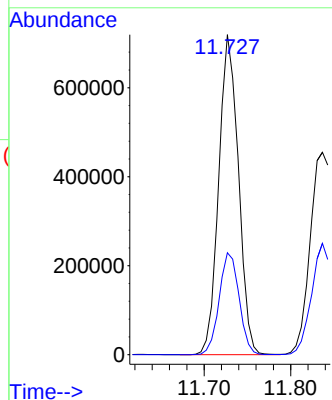
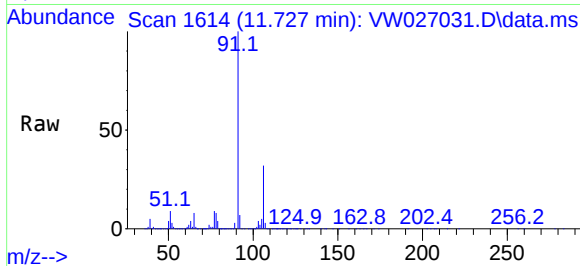




#52
Ethylbenzene
Concen: 25.729 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

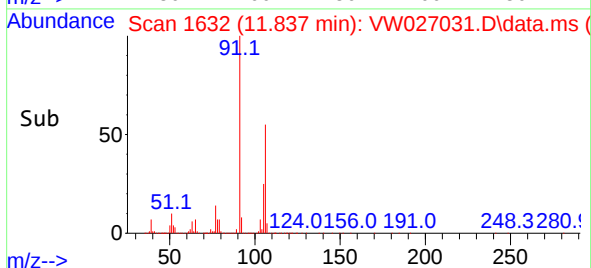
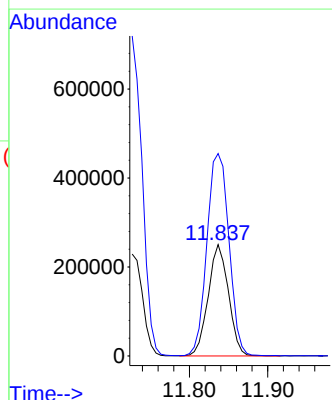
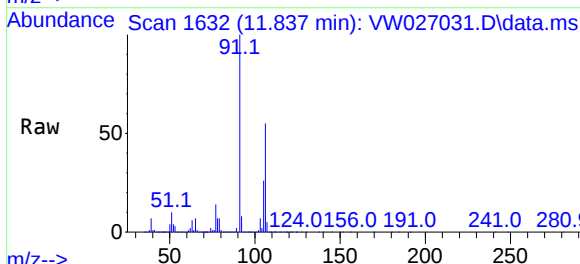
Instrument :
MSVOA_W
ClientSampleId :

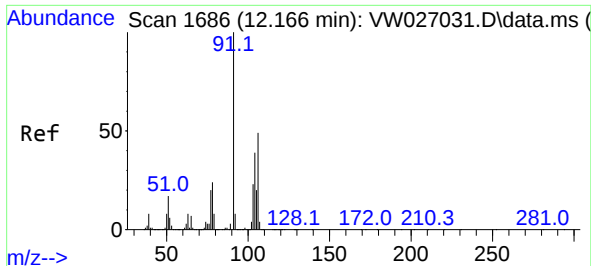
Tgt Ion: 91 Resp: 1134959
Ion Ratio Lower Upper
91 100
106 31.9 21.1 39.3



#53
m,p-Xylene
Concen: 26.960 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

Tgt Ion:106 Resp: 449852
Ion Ratio Lower Upper
106 100
91 181.7 139.6 259.2

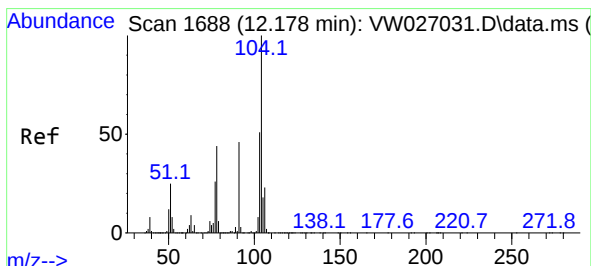
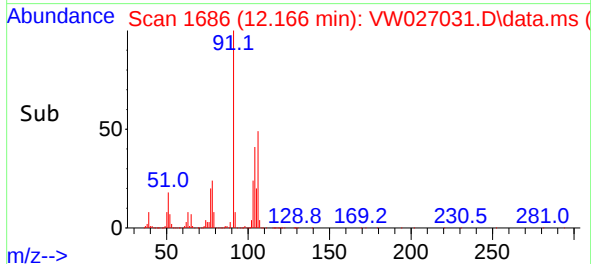
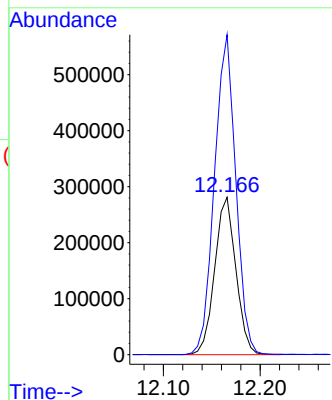
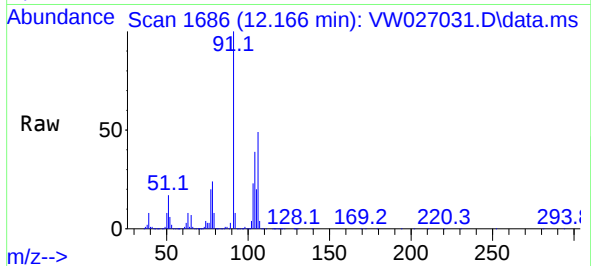




#54
o-Xylene
Concen: 27.358 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

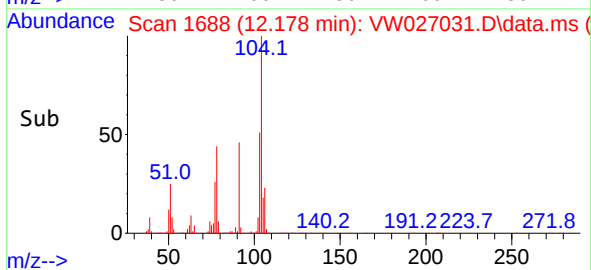
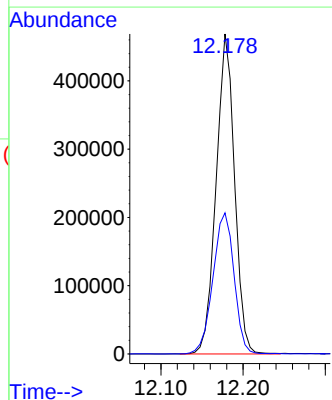
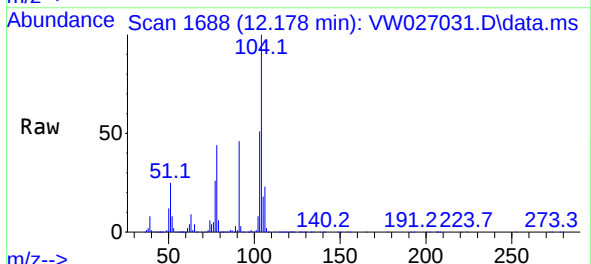
Instrument :
MSVOA_W
ClientSampleId :

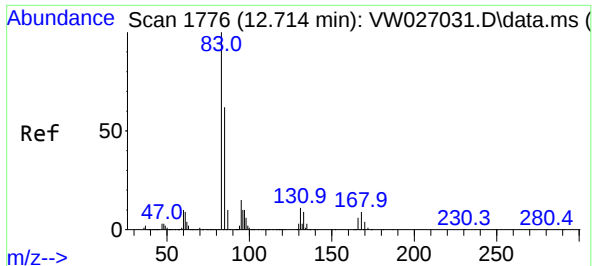
Tgt Ion:106 Resp: 427133
Ion Ratio Lower Upper
106 100
91 203.1 154.0 286.0



#55
Styrene
Concen: 27.415 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

Tgt Ion:104 Resp: 730511
Ion Ratio Lower Upper
104 100
78 44.1 35.2 65.4

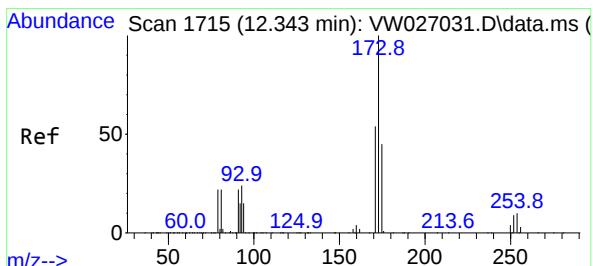
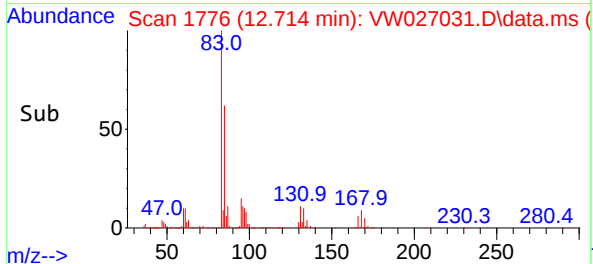
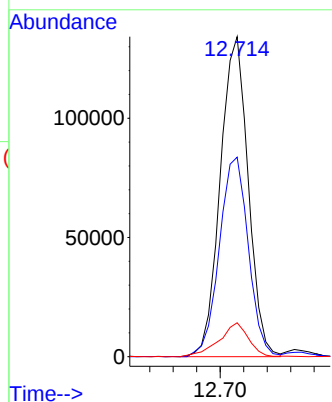
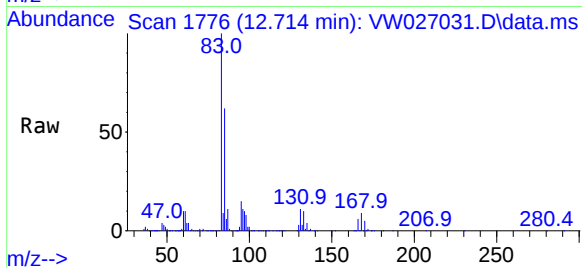




#57
1,1,2,2-Tetrachloroethane
Concen: 26.343 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

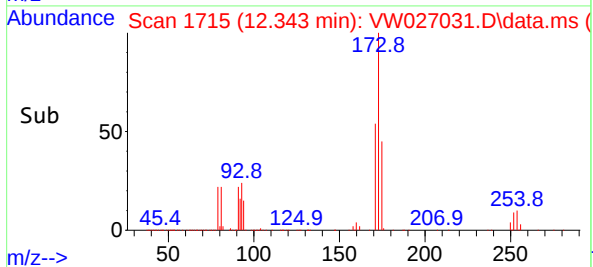
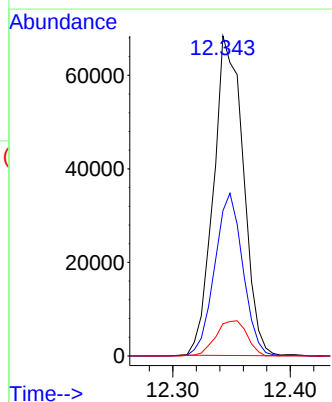
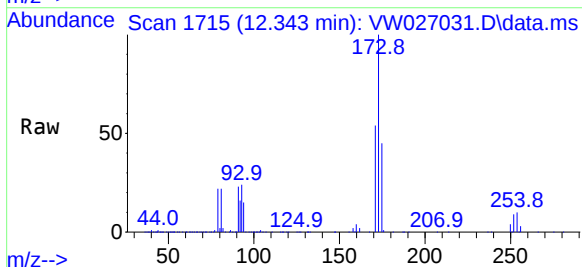
Instrument :
MSVOA_W
ClientSampleId :

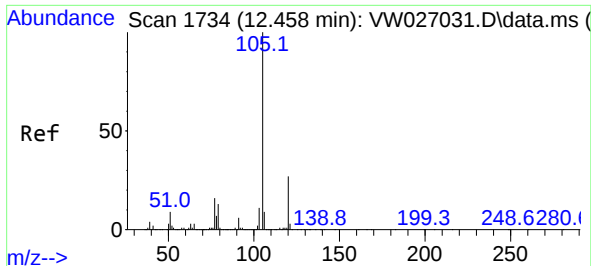
Tgt Ion: 83 Resp: 221506
Ion Ratio Lower Upper
83 100
85 62.4 44.1 81.9
131 10.6 7.2 10.8



#59
Bromoform
Concen: 26.023 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

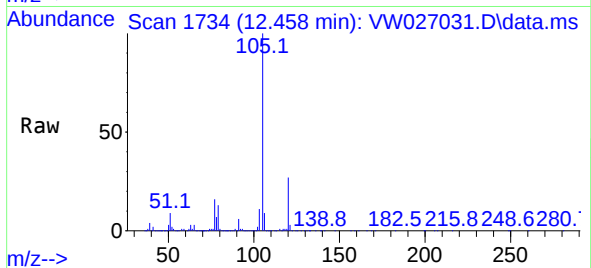
Tgt Ion: 173 Resp: 120020
Ion Ratio Lower Upper
173 100
175 48.2 36.6 54.8
254 11.6 8.5 12.7



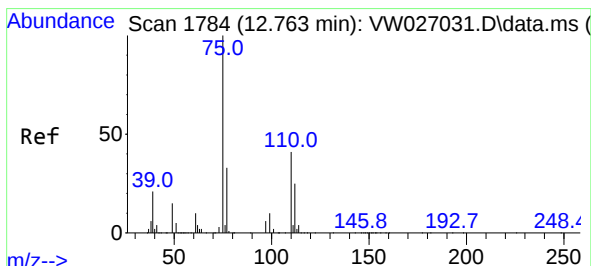
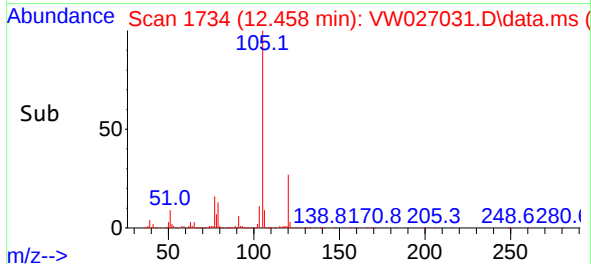
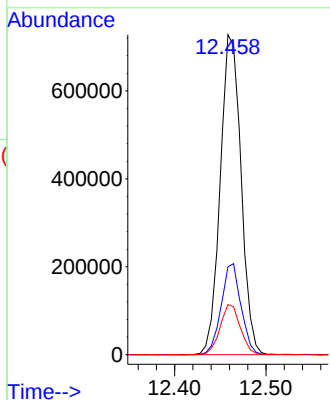


#60
Isopropylbenzene
Concen: 25.896 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

Instrument :
MSVOA_W
ClientSampleId :

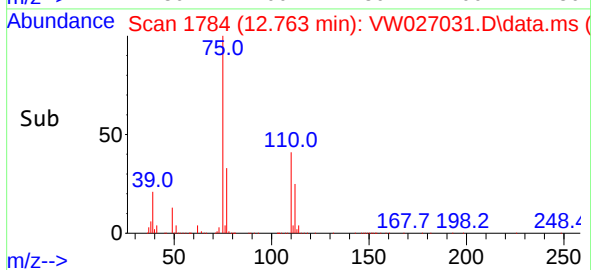
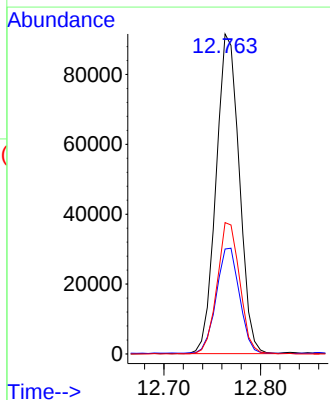
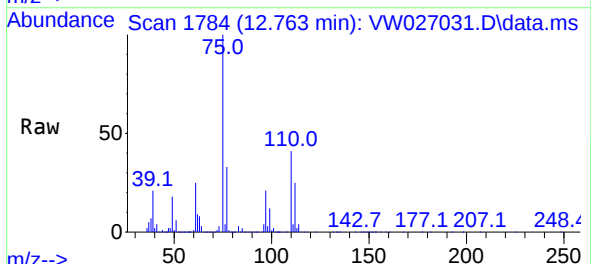


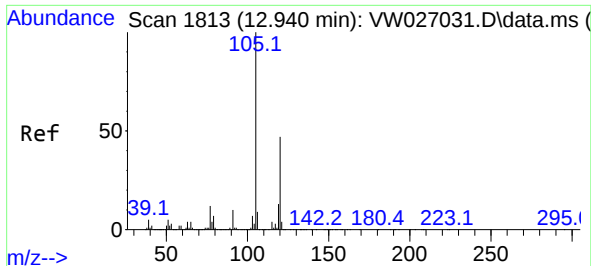
Tgt Ion:105 Resp: 1150452
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.0
77 15.3 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 24.491 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

Tgt Ion: 75 Resp: 151938
Ion Ratio Lower Upper
75 100
77 33.2 26.3 39.5
110 40.1 30.5 45.7

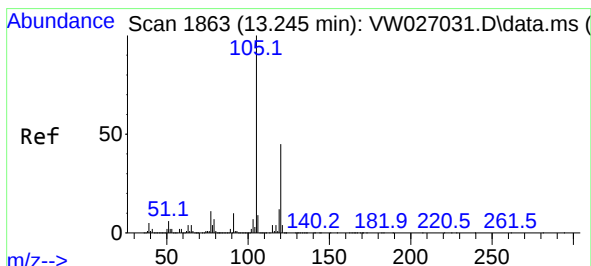
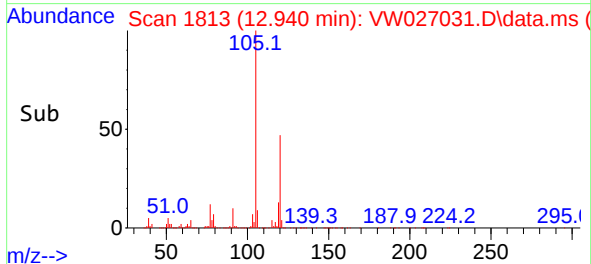
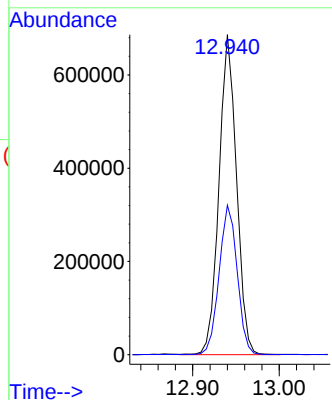
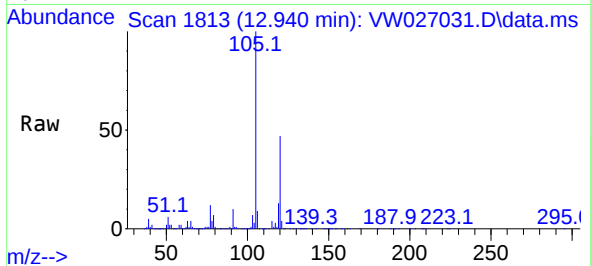




#62
1,3,5-Trimethylbenzene
Concen: 27.245 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

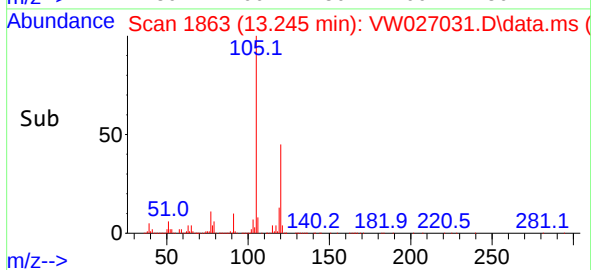
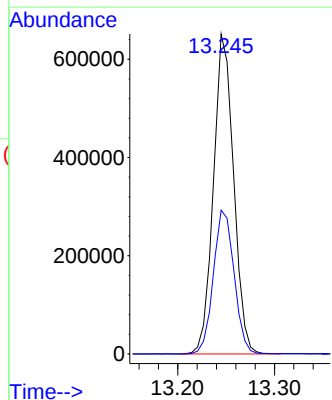
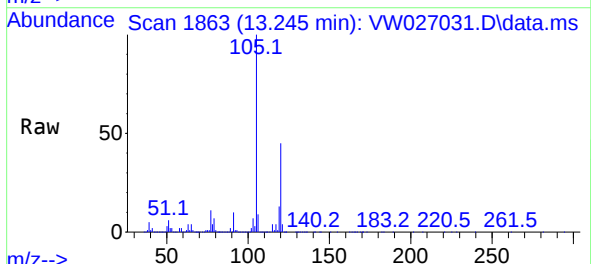
Instrument :
MSVOA_W
ClientSampleId :

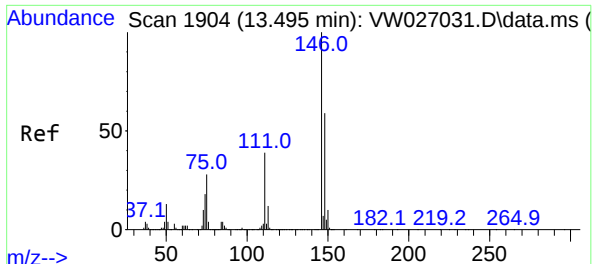
Tgt Ion:105 Resp: 965851
Ion Ratio Lower Upper
105 100
120 48.2 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 27.199 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

Tgt Ion:105 Resp: 942676
Ion Ratio Lower Upper
105 100
120 46.3 36.3 54.5

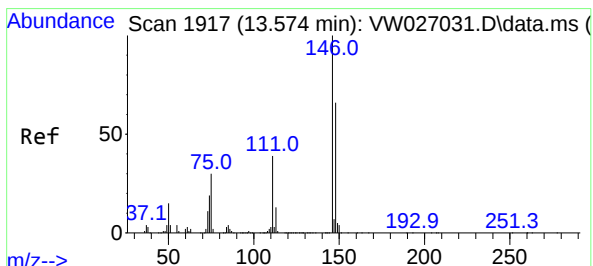
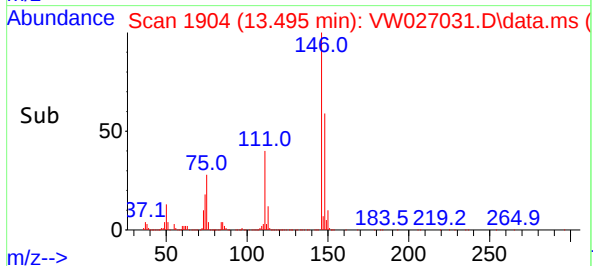
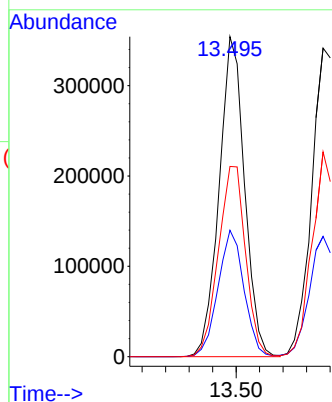
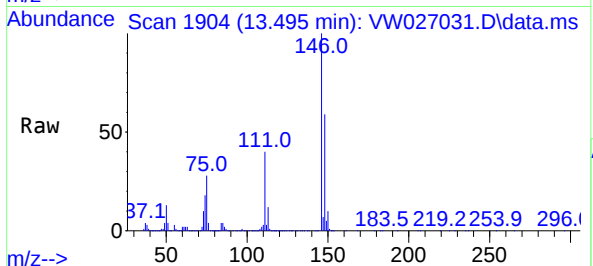




#64
1,3-Dichlorobenzene
Concen: 26.349 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

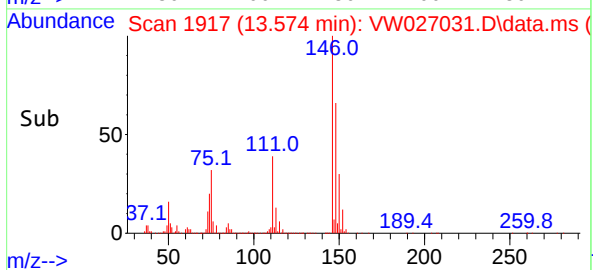
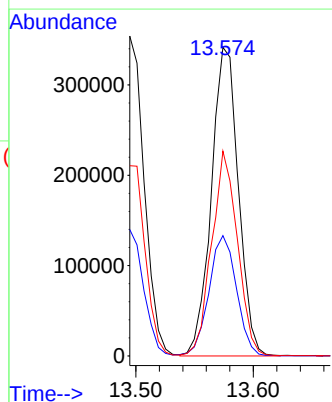
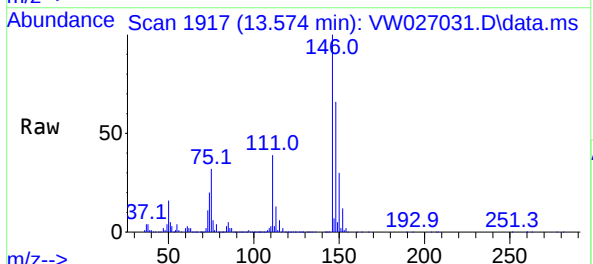
Instrument :
MSVOA_W
ClientSampleId :

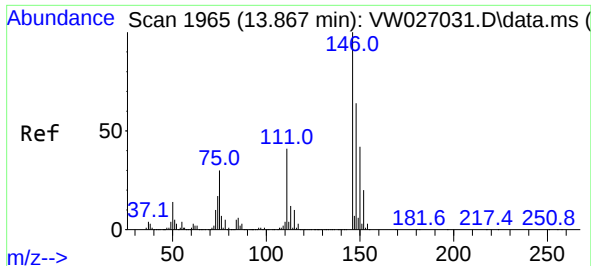
Tgt Ion:146 Resp: 532508
Ion Ratio Lower Upper
146 100
111 39.5 26.9 50.1
148 59.5 39.2 72.8



#65
1,4-Dichlorobenzene
Concen: 26.626 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

Tgt Ion:146 Resp: 546941
Ion Ratio Lower Upper
146 100
111 39.0 25.8 47.8
148 66.4 40.0 74.2





#67

1,2-Dichlorobenzene

Concen: 27.481 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027031.D

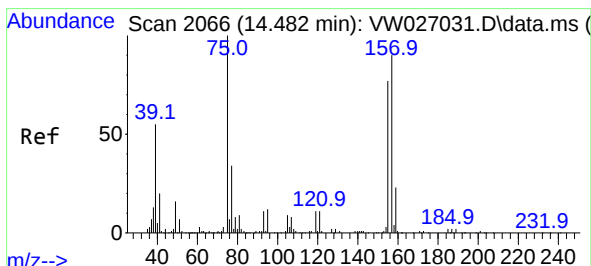
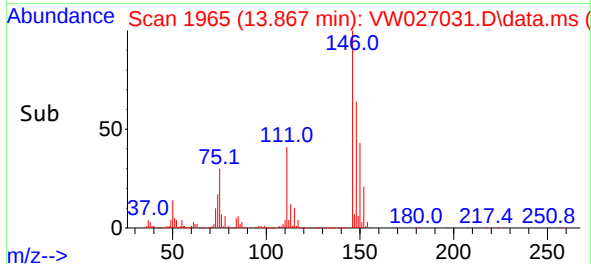
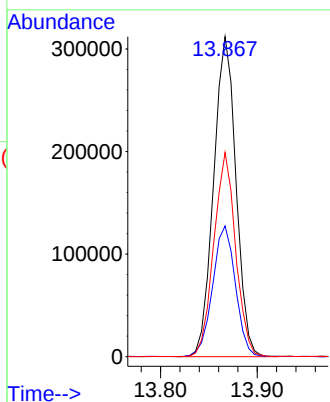
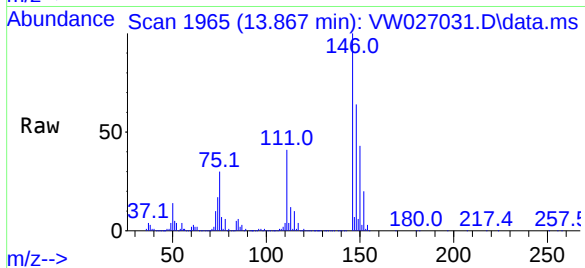
Acq: 11 Sep 2023 15:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	146	Resp:	500400
Ion Ratio	Lower	Upper	
146	100		
111	40.9	34.0	51.0
148	63.8	51.1	76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 23.632 ug/L

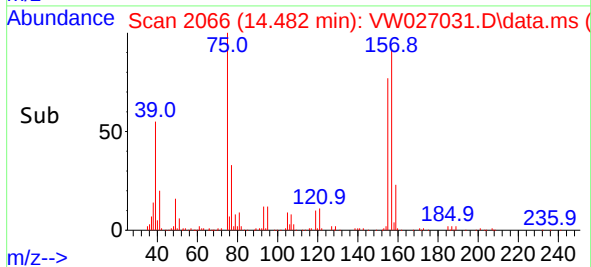
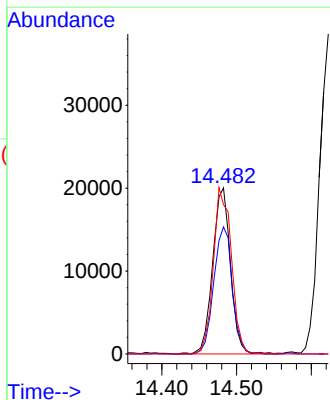
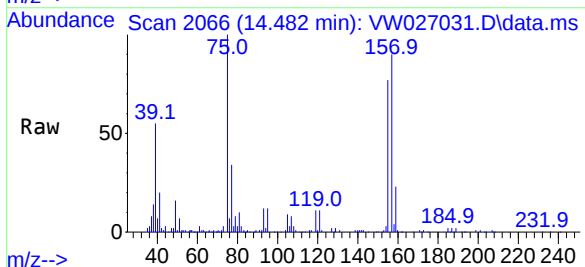
RT: 14.482 min Scan# 2066

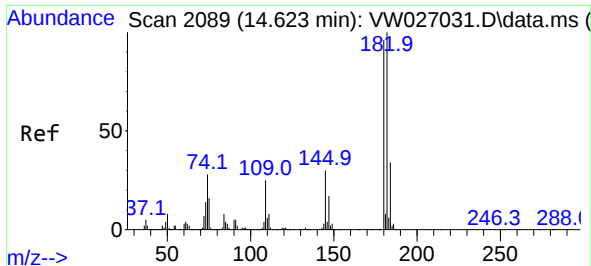
Delta R.T. -0.000 min

Lab File: VW027031.D

Acq: 11 Sep 2023 15:23

Tgt Ion:	75	Resp:	33247
Ion Ratio	Lower	Upper	
75	100		
155	76.5	65.9	98.9
157	90.0	68.7	103.1





#69

1,3,5-Trichlorobenzene

Concen: 26.436 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

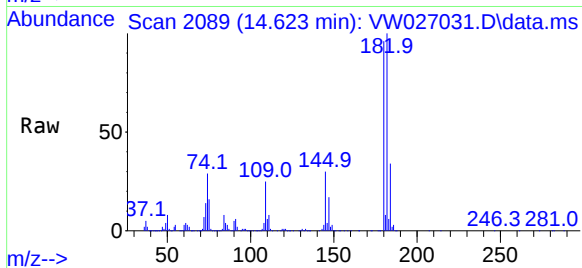
Lab File: VW027031.D

Acq: 11 Sep 2023 15:23

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 371133

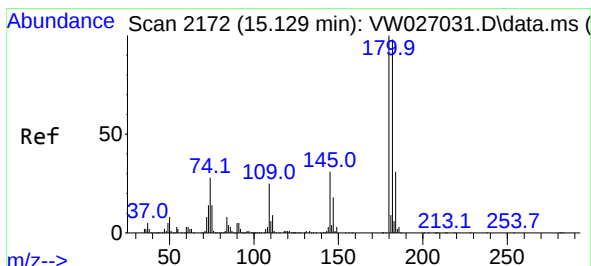
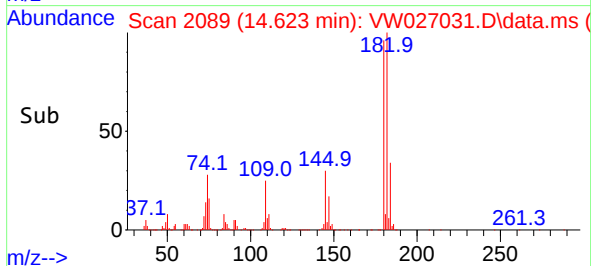
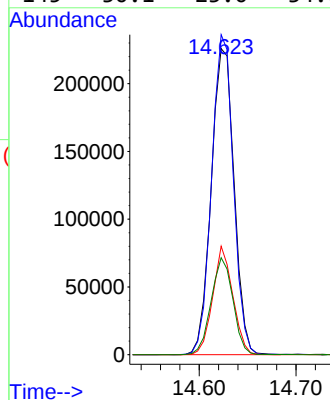
Ion Ratio Lower Upper

180 100

182 99.4 73.6 110.4

184 31.1 23.6 35.4

145 30.1 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 27.013 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027031.D

Acq: 11 Sep 2023 15:23

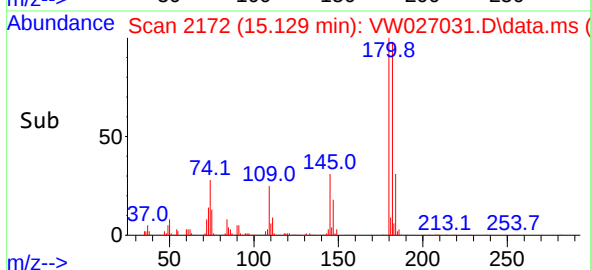
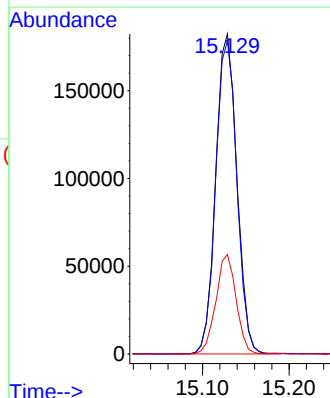
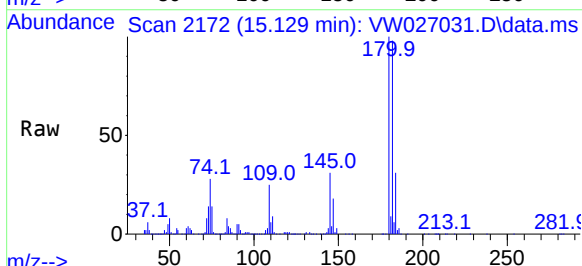
Tgt Ion:180 Resp: 308776

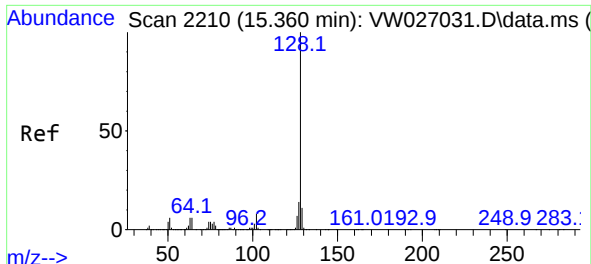
Ion Ratio Lower Upper

180 100

182 98.0 81.0 121.6

145 29.8 24.8 37.2

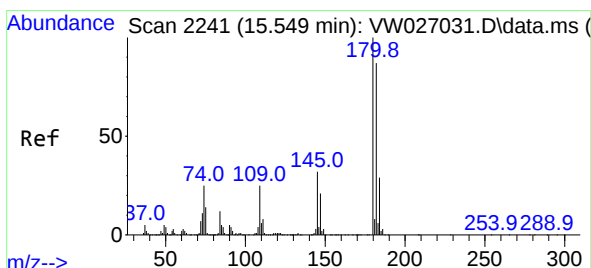
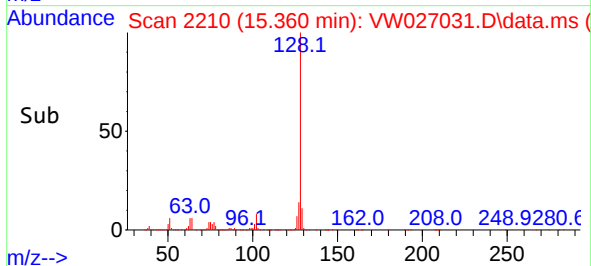
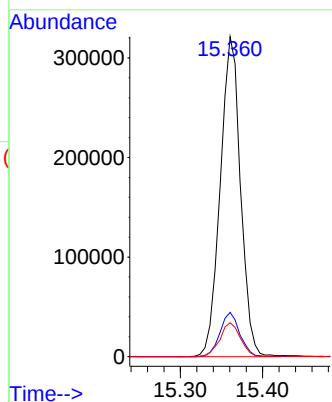
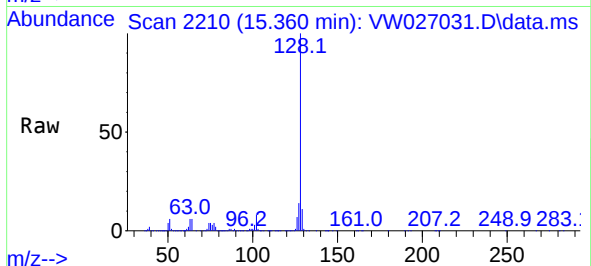




#71
Naphthalene
Concen: 27.171 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 549564
Ion Ratio Lower Upper
128 100
127 13.6 10.9 16.3
129 10.8 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 27.472 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027031.D
Acq: 11 Sep 2023 15:23

Tgt Ion:180 Resp: 284671
Ion Ratio Lower Upper
180 100
182 94.2 76.2 114.4
145 31.8 25.6 38.4

