

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091223\
 Data File : VW027055.D
 Acq On : 12 Sep 2023 09:11
 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 13 03:06:24 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	507566	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	502355	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	293235	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	175891	19.397	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.600%
7) Chloroethane-d5	2.899	69	156319	21.359	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.440%
11) 1,1-Dichloroethene-d2	4.027	65	76243	22.814	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.240%
21) 2-Butanone-d5	7.081	46	86157	49.310	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.620%
24) Chloroform-d	7.648	84	406719	26.929	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.720%
26) 1,2-Dichloroethane-d4	8.307	65	202845	25.552	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	8.276	84	838275	25.440	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.760%
36) 1,2-Dichloropropane-d6	9.276	67	241078	24.922	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.680%
41) Toluene-d8	10.318	98	749507	25.124	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.480%
43) trans-1,3-Dichloroprop...	10.575	79	94921	25.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.160%
47) 2-Hexanone-d5	10.922	63	49548	54.864	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	221532	29.510	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.040%
66) 1,2-Dichlorobenzene-d4	13.848	152	271401	26.760	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.040%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	135398	23.189	ug/L	91
3) Chloromethane	2.222	50	159091	18.064	ug/L	99
5) Vinyl chloride	2.375	62	214885	21.390	ug/L	98
6) Bromomethane	2.789	94	152042	22.932	ug/L	95
8) Chloroethane	2.930	64	138149	21.916	ug/L	93
9) Trichlorofluoromethane	3.265	101	149809	25.703	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	212617	29.374	ug/L	97
12) 1,1-Dichloroethene	4.045	96	183889	25.642	ug/L	90
13) Acetone	4.118	43	84340	55.128	ug/L	98
14) Carbon disulfide	4.387	76	540705	23.508	ug/L	98
15) Methyl Acetate	4.667	43	83773	26.336	ug/L #	88
16) Methylene chloride	4.917	84	229464	23.336	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	201480	25.670	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	295913	27.074	ug/L	98
19) 1,1-Dichloroethane	6.216	63	387432	26.185	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	232194	26.882	ug/L	93
22) 2-Butanone	7.173	43	122796	49.884	ug/L	95
23) Bromochloromethane	7.514	128	106643	28.449	ug/L	95
25) Chloroform	7.679	83	400921	27.627	ug/L	95

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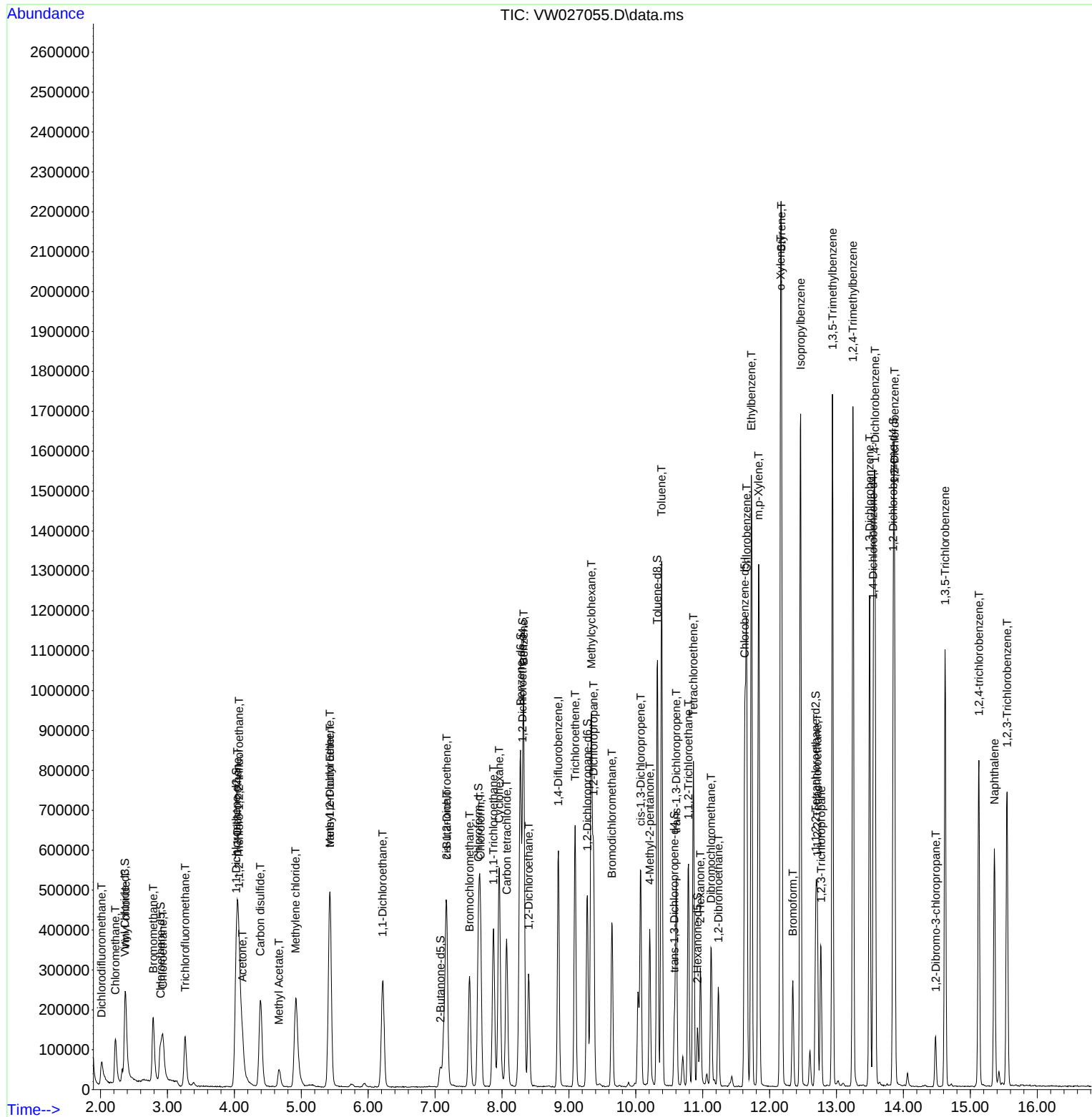
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	253628	27.653	ug/L	99
29) Cyclohexane	7.959	56	308328	23.541	ug/L	95
30) 1,1,1-Trichloroethane	7.874	97	324730	28.537	ug/L	98
31) Carbon tetrachloride	8.069	117	296190	29.204	ug/L	100
33) Benzene	8.325	78	894382	26.033	ug/L	100
34) Trichloroethene	9.093	95	233515	26.454	ug/L	92
35) Methylcyclohexane	9.337	83	381661	25.447	ug/L	98
37) 1,2-Dichloropropane	9.367	63	227496	25.949	ug/L	98
38) Bromodichloromethane	9.642	83	285844	27.685	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	343133	26.364	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	233806	51.656	ug/L #	95
42) Toluene	10.386	91	988633	27.963	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	292170	27.644	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	182018	28.820	ug/L	96
46) Tetrachloroethene	10.861	164	189148	28.071	ug/L	90
48) 2-Hexanone	10.965	43	171233	55.510	ug/L #	95
49) Dibromochloromethane	11.123	129	194507	29.897	ug/L	94
50) 1,2-Dibromoethane	11.233	107	164131	28.705	ug/L	97
51) Chlorobenzene	11.654	112	636055	27.930	ug/L	96
52) Ethylbenzene	11.727	91	1083008	27.631	ug/L	99
53) m,p-Xylene	11.836	106	419541	28.297	ug/L	90
54) o-Xylene	12.166	106	398126	28.698	ug/L	90
55) Styrene	12.178	104	728560	30.771	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.714	83	227378	30.433	ug/L	99
59) Bromoform	12.349	173	124549	29.866	ug/L	97
60) Isopropylbenzene	12.464	105	1072689	26.704	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	158508	28.257	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	886320	27.650	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	892927	28.493	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	517556	28.322	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	534373	28.770	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	476954	28.968	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	33150	26.060	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.623	180	362343	28.544	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	277336	26.833	ug/L	94
71) Naphthalene	15.360	128	520328	28.451	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	258971	27.640	ug/L	98

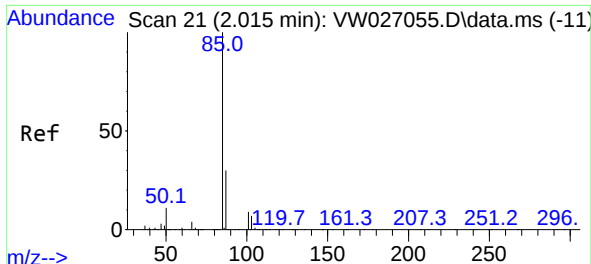
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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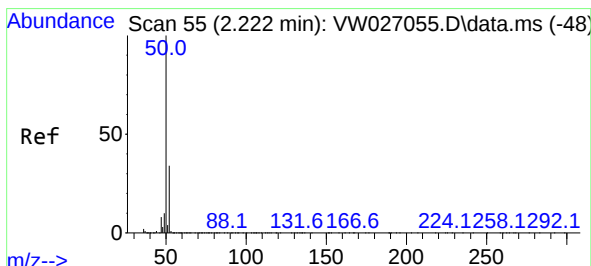
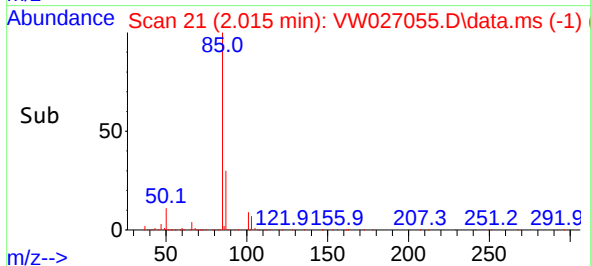
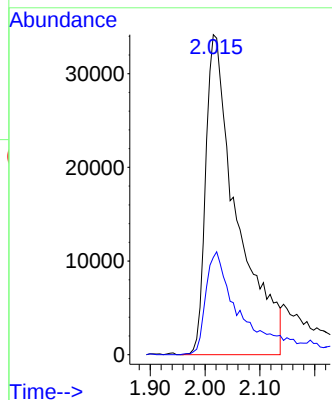
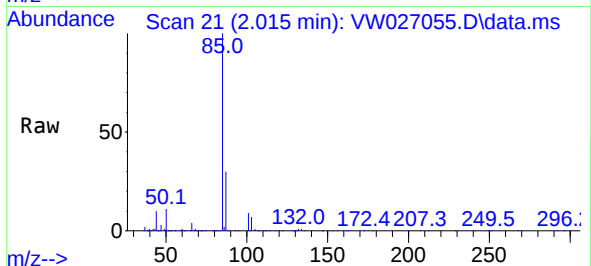




#2
Dichlorodifluoromethane
Concen: 23.189 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

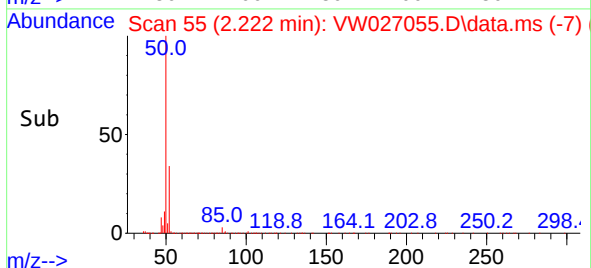
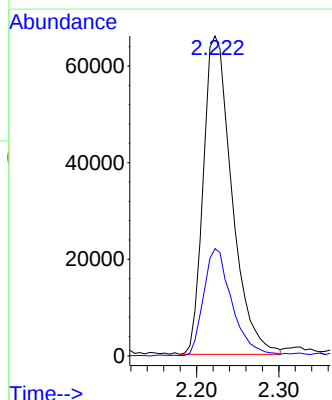
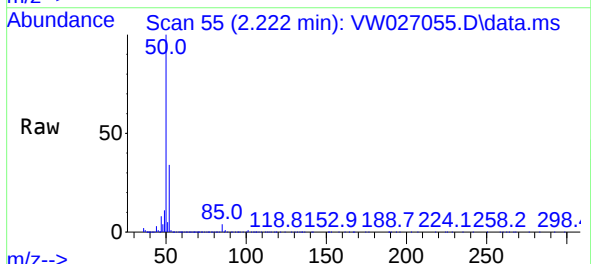
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MSVOA_W
ClientSampleId :

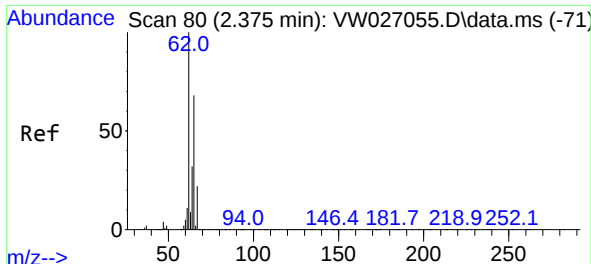
Tgt Ion: 85 Resp: 135398
Ion Ratio Lower Upper
85 100
87 28.4 19.1 28.7



#3
Chloromethane
Concen: 18.064 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Tgt Ion: 50 Resp: 159091
Ion Ratio Lower Upper
50 100
52 33.6 24.1 44.7

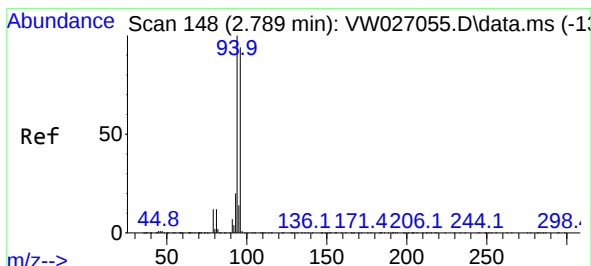
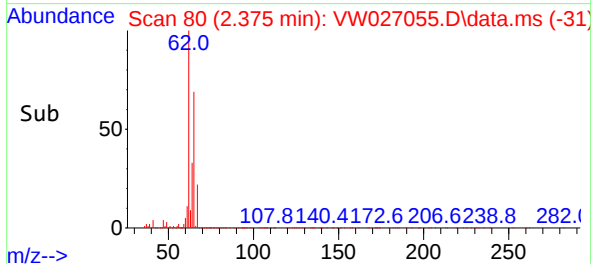
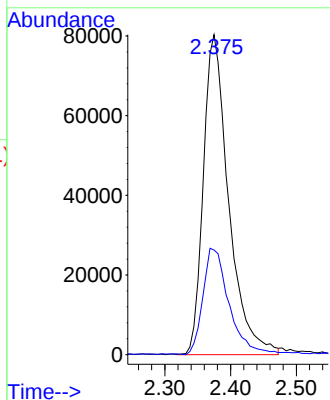
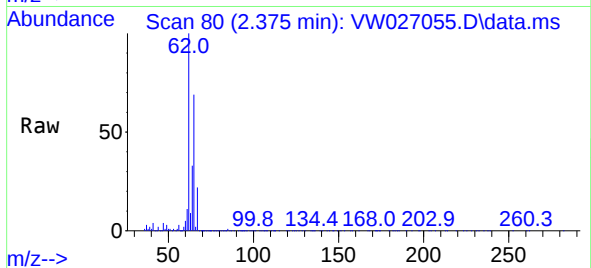




#5
 Vinyl chloride
 Concen: 21.390 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027055.D
 Acq: 12 Sep 2023 09:11

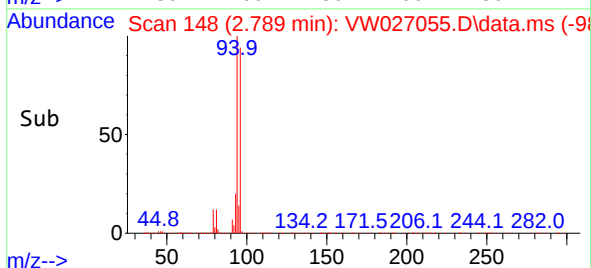
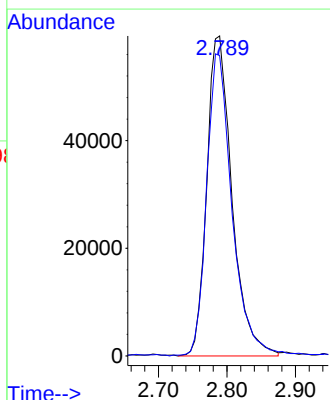
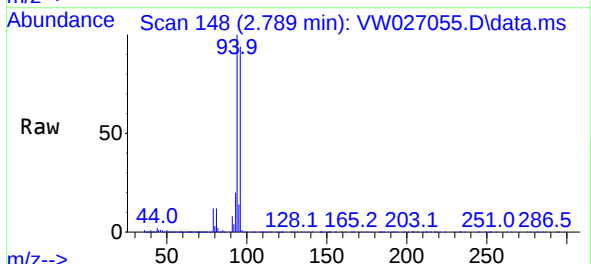
Instrument :
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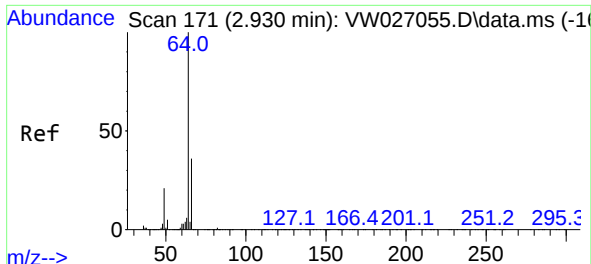
Tgt Ion: 62 Resp: 214885
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.3 41.3



#6
 Bromomethane
 Concen: 22.932 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW027055.D
 Acq: 12 Sep 2023 09:11

Tgt Ion: 94 Resp: 152042
 Ion Ratio Lower Upper
 94 100
 96 93.8 62.6 116.2

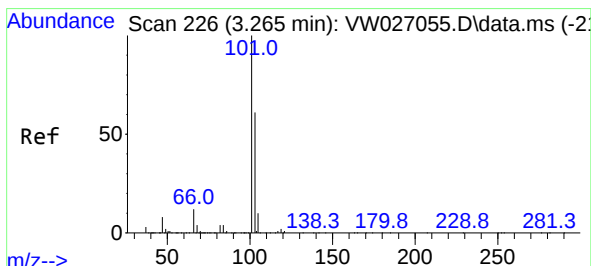
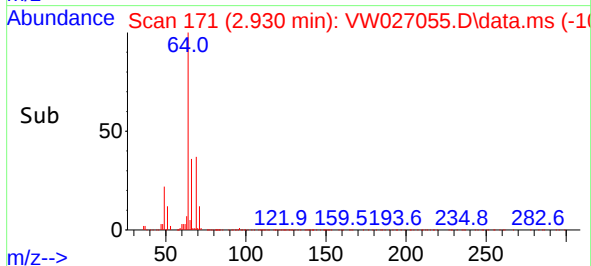
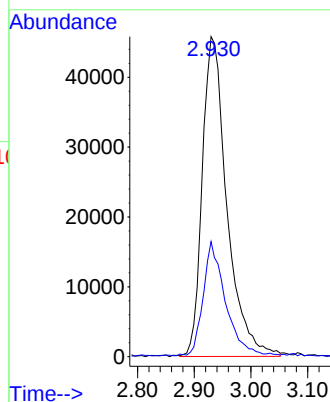
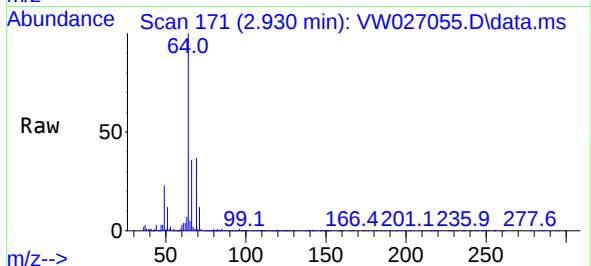




#8
Chloroethane
Concen: 21.916 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

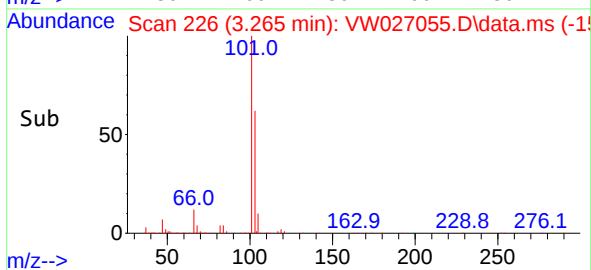
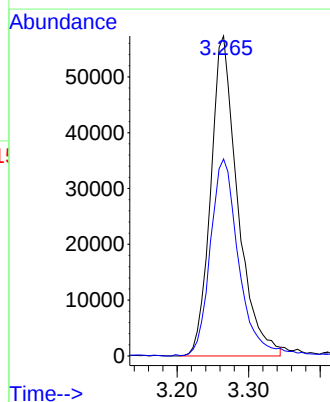
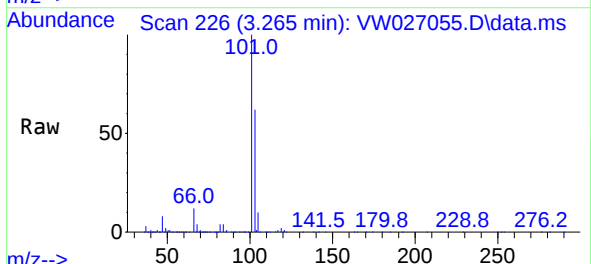
Instrument :
MSVOA_W
ClientSampleId :

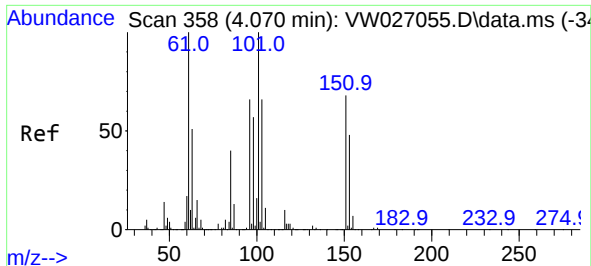
Tgt Ion: 64 Resp: 138149
Ion Ratio Lower Upper
64 100
66 36.0 22.5 41.7



#9
Trichlorofluoromethane
Concen: 25.703 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Tgt Ion: 101 Resp: 149809
Ion Ratio Lower Upper
101 100
103 63.4 50.2 75.4

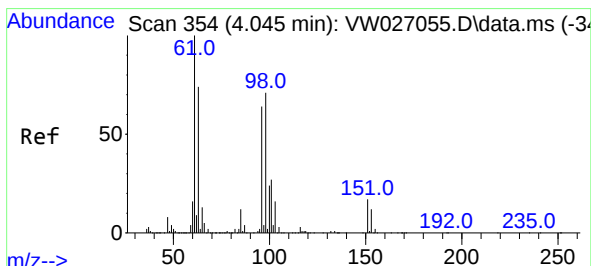
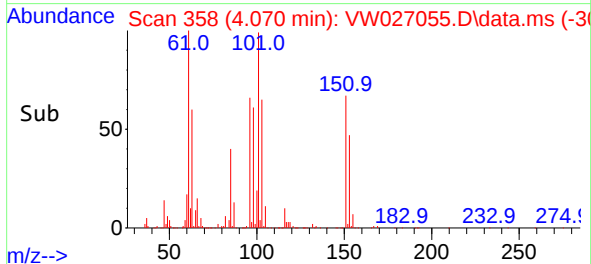
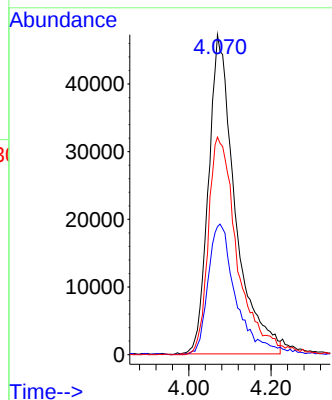
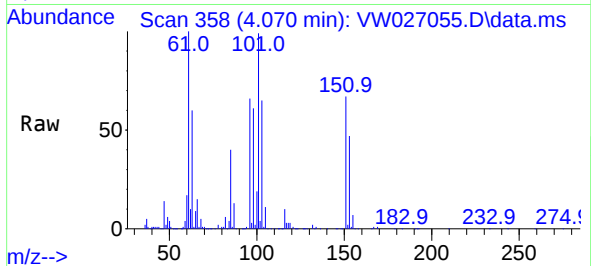




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 29.374 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW027055.D
 Acq: 12 Sep 2023 09:11

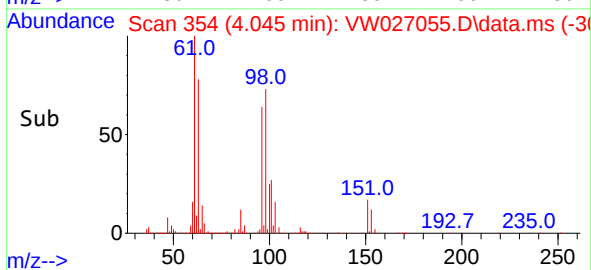
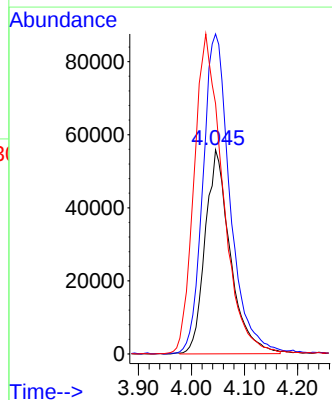
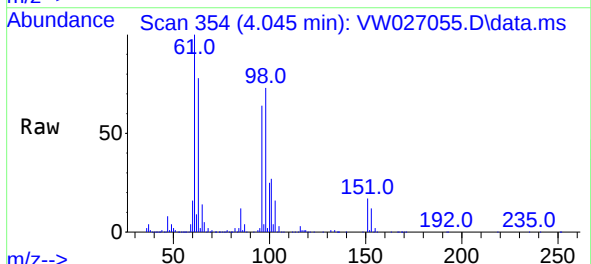
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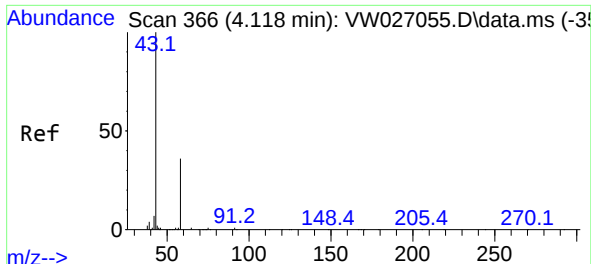
Tgt Ion:101 Resp: 212617
 Ion Ratio Lower Upper
 101 100
 85 39.9 31.1 46.7
 151 70.8 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 25.642 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW027055.D
 Acq: 12 Sep 2023 09:11

Tgt Ion: 96 Resp: 183889
 Ion Ratio Lower Upper
 96 100
 61 156.7 117.0 217.4
 63 122.7 97.3 180.7

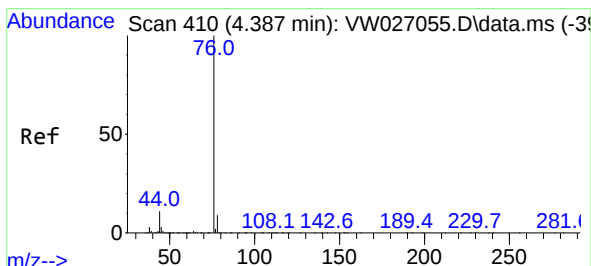
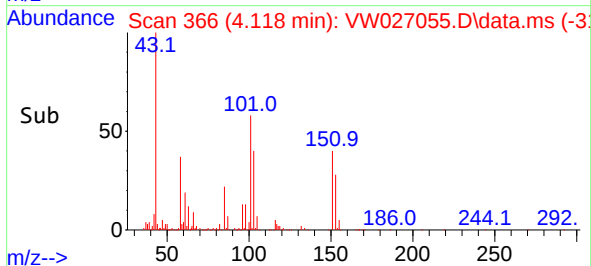
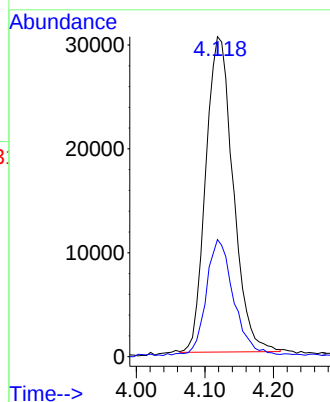
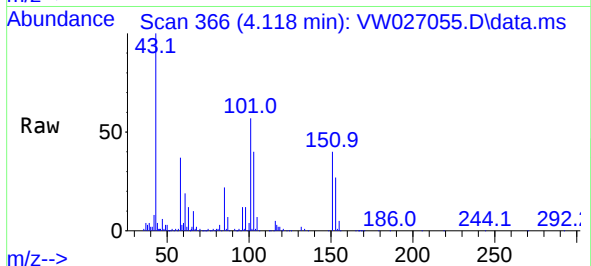




#13
Acetone
Concen: 55.128 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW027055.D
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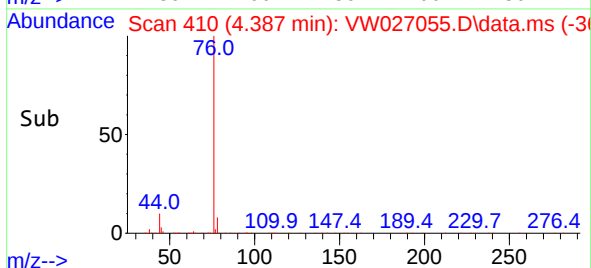
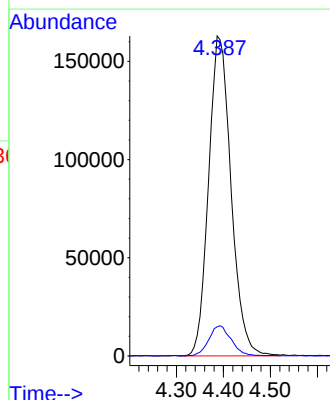
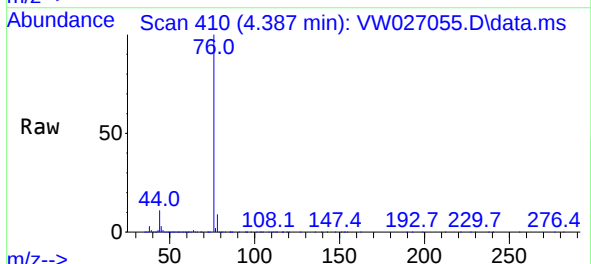
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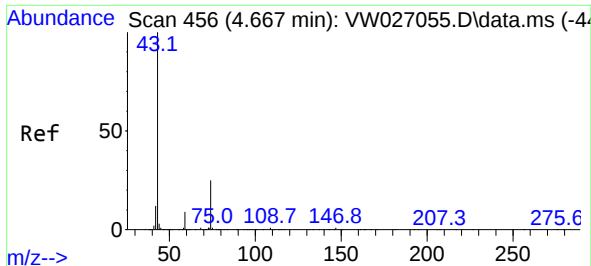
Tgt Ion: 43 Resp: 84340
Ion Ratio Lower Upper
43 100
58 34.5 0.0 66.4



#14
Carbon disulfide
Concen: 23.508 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Tgt Ion: 76 Resp: 540705
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8

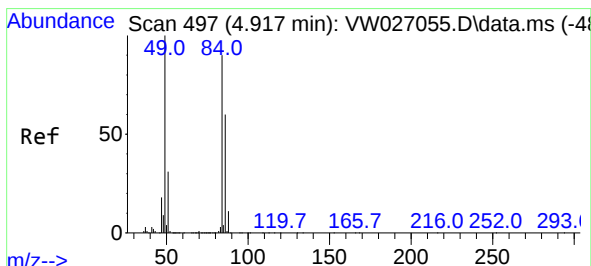
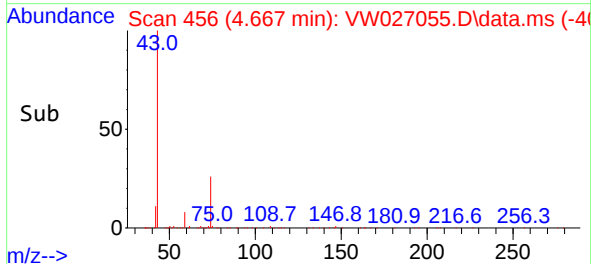
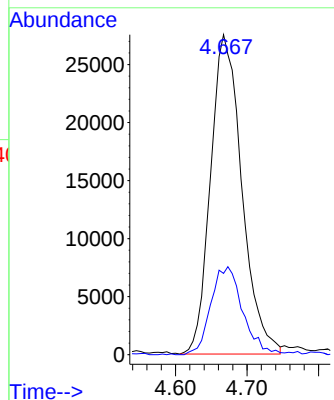
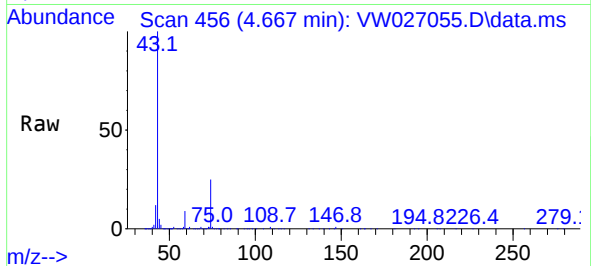




#15
Methyl Acetate
Concen: 26.336 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

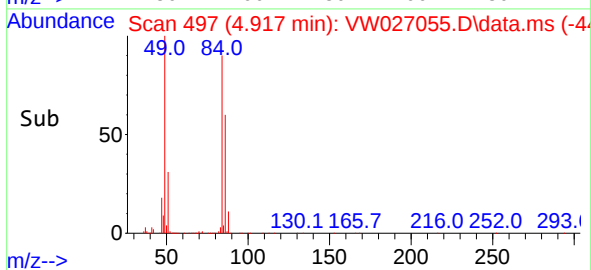
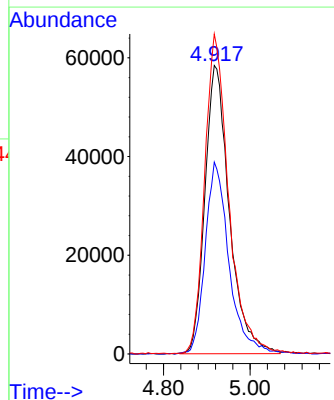
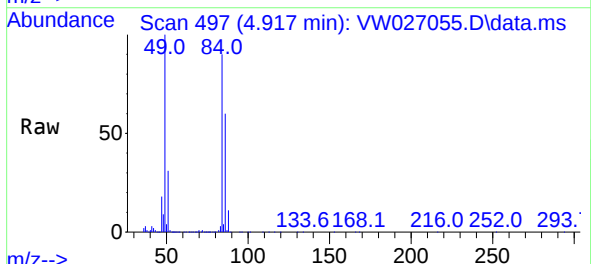
Instrument :
MSVOA_W
ClientSampleId :

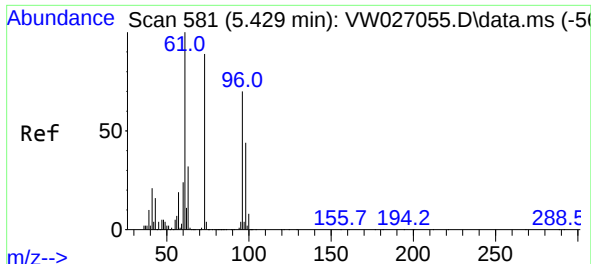
Tgt Ion: 43 Resp: 83773
Ion Ratio Lower Upper
43 100
74 27.9 0.1 0.1#



#16
Methylene chloride
Concen: 23.336 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

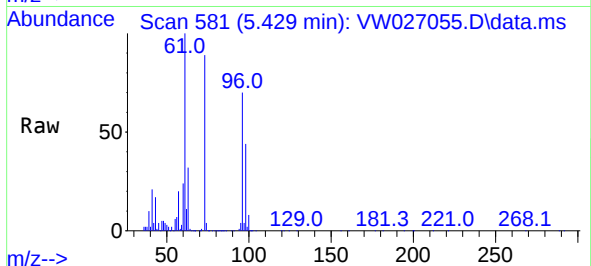
Tgt Ion: 84 Resp: 229464
Ion Ratio Lower Upper
84 100
86 66.5 44.1 81.9
49 110.9 82.1 152.5





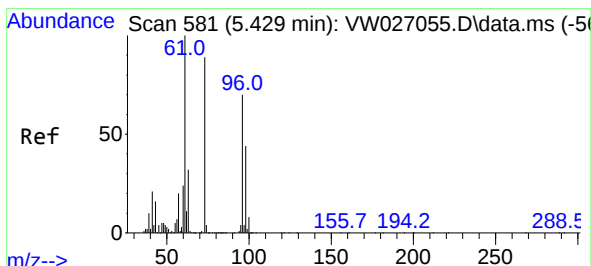
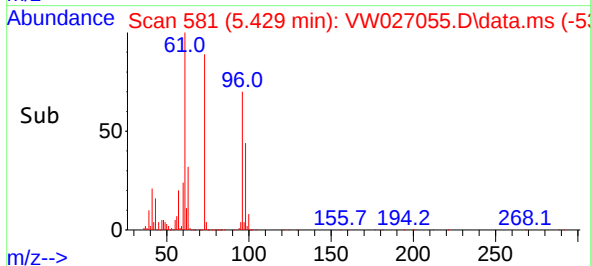
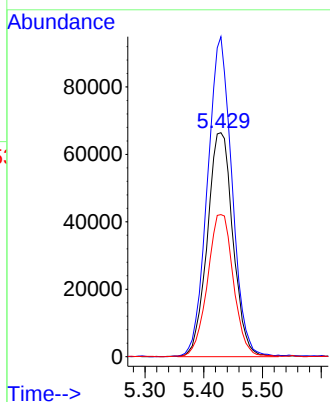
#17
trans-1,2-Dichloroethene
Concen: 25.670 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 201480

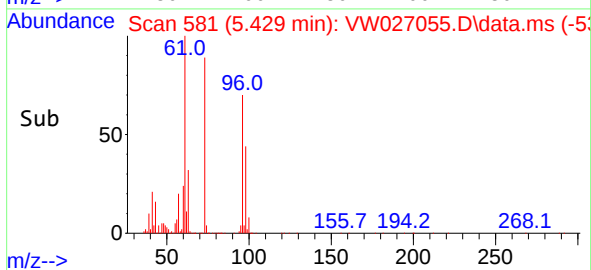
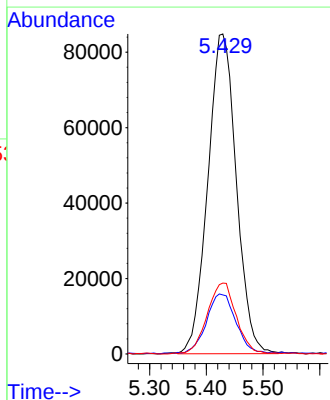
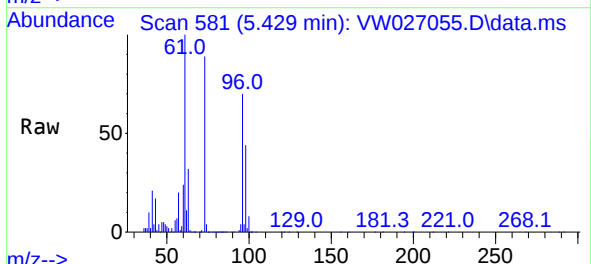
Ion	Ratio	Lower	Upper
96	100		
61	142.8	100.3	186.3
98	63.4	45.5	84.5

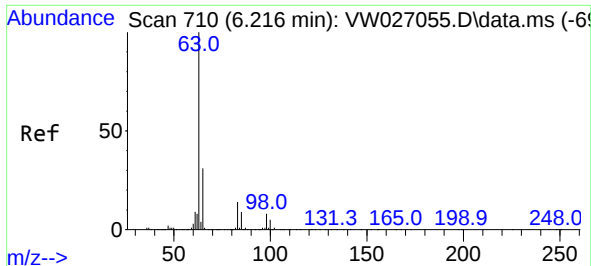


#18
Methyl tert-butyl Ether
Concen: 27.074 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Tgt Ion: 73 Resp: 295913

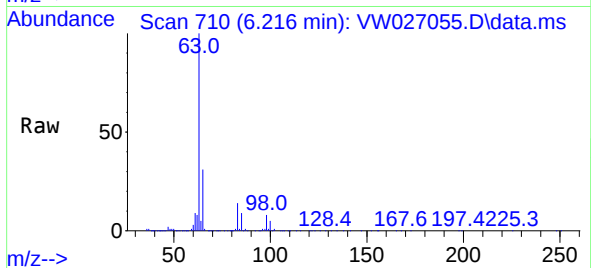
Ion	Ratio	Lower	Upper
73	100		
43	18.7	16.5	24.7
57	22.6	18.5	27.7



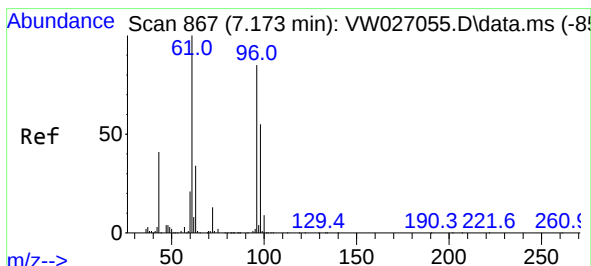
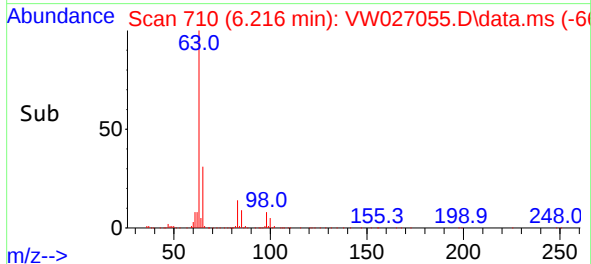
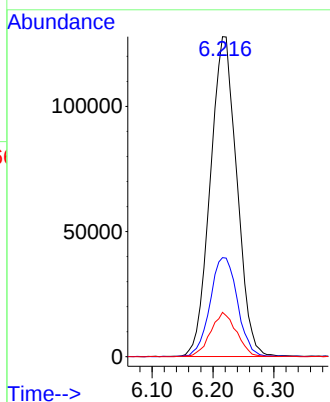


#19
1,1-Dichloroethane
Concen: 26.185 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Instrument :
MSVOA_W
ClientSampleId :

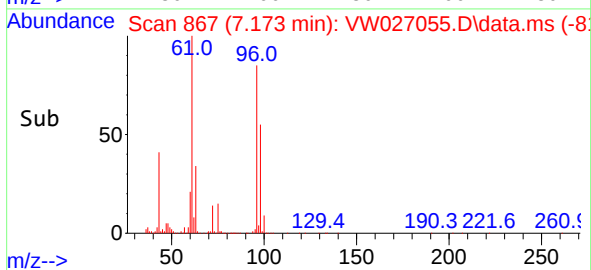
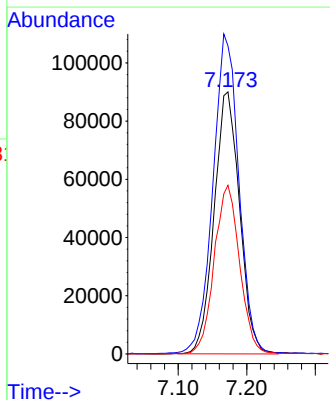
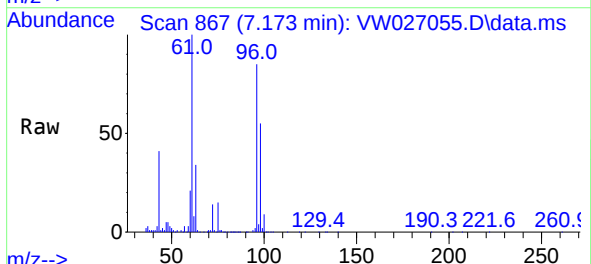


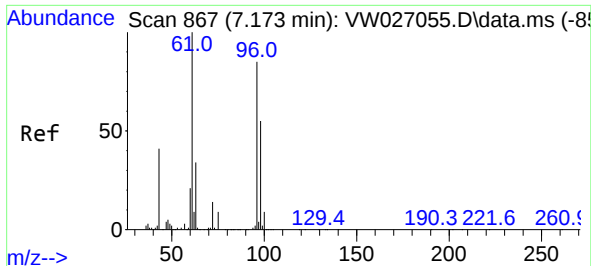
Tgt Ion: 63 Resp: 387432
Ion Ratio Lower Upper
63 100
65 31.0 22.1 41.1
83 13.8 8.3 15.3



#20
cis-1,2-Dichloroethene
Concen: 26.882 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Tgt Ion: 96 Resp: 232194
Ion Ratio Lower Upper
96 100
61 117.5 89.0 165.4
98 64.3 43.6 81.0

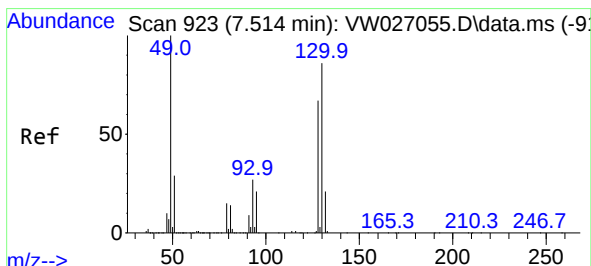
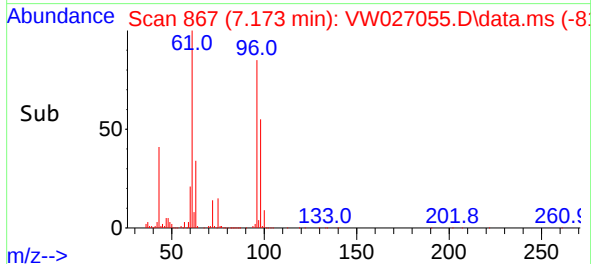
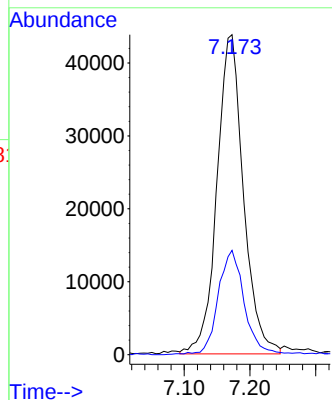
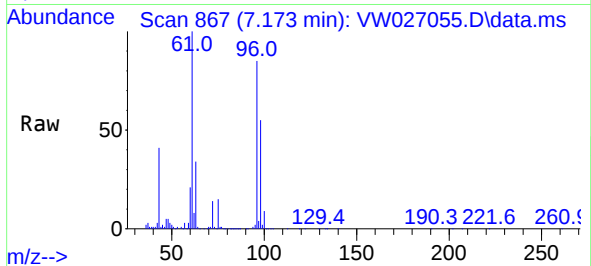




#22
2-Butanone
Concen: 49.884 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

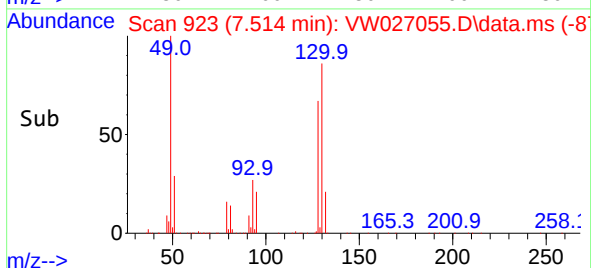
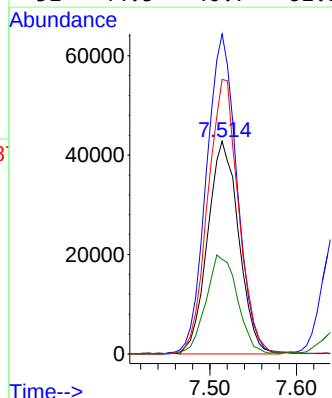
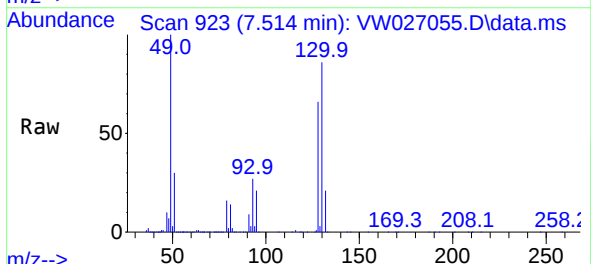
Instrument :
MSVOA_W
ClientSampleId :

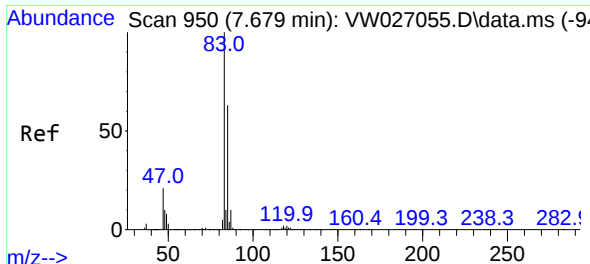
Tgt Ion: 43 Resp: 122796
Ion Ratio Lower Upper
43 100
72 31.6 14.4 43.0



#23
Bromochloromethane
Concen: 28.449 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

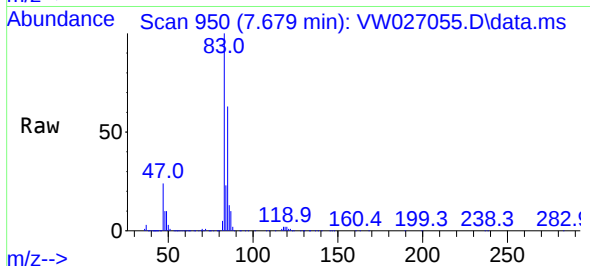
Tgt Ion: 128 Resp: 106643
Ion Ratio Lower Upper
128 100
49 150.5 111.6 207.2
130 129.2 90.9 168.7
51 44.5 40.7 61.1



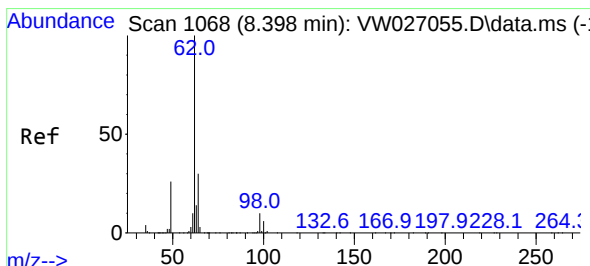
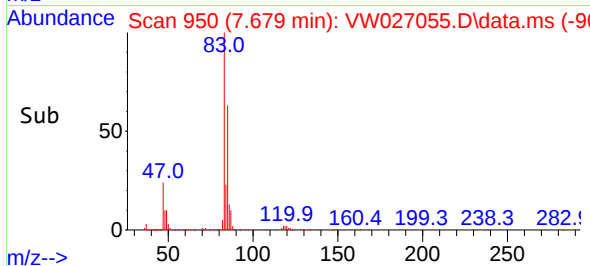
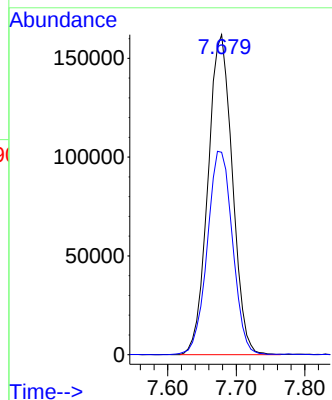


#25
Chloroform
Concen: 27.627 ug/L
RT: 7.679 min Scan# 910
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Instrument :
MSVOA_W
ClientSampleId :

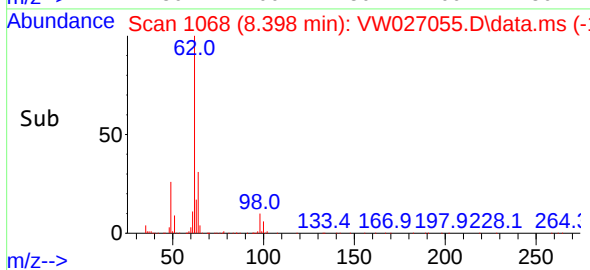
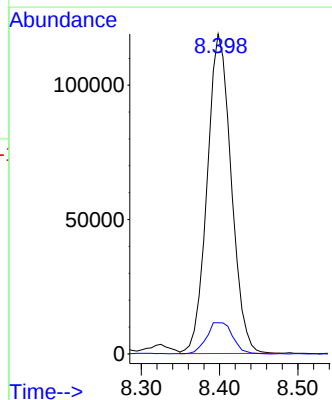
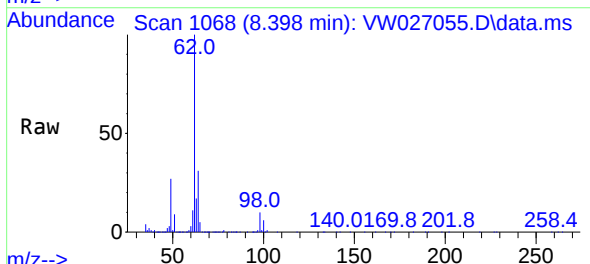


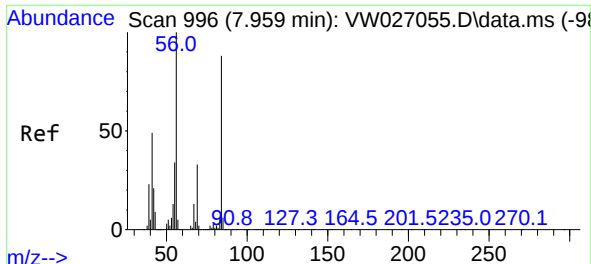
Tgt Ion: 83 Resp: 400921
Ion Ratio Lower Upper
83 100
85 63.3 47.3 87.9



#27
1,2-Dichloroethane
Concen: 27.653 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Tgt Ion: 62 Resp: 253628
Ion Ratio Lower Upper
62 100
98 9.7 7.6 11.4





#29

Cyclohexane

Concen: 23.541 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW027055.D

Acq: 12 Sep 2023 09:11

Instrument :

MSVOA_W

ClientSampleId :

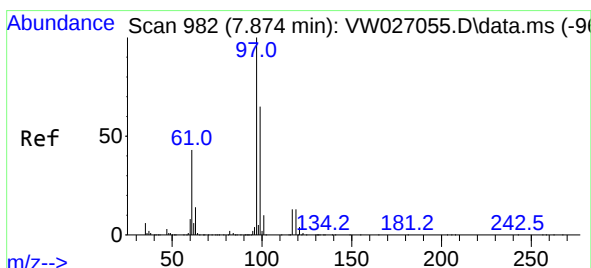
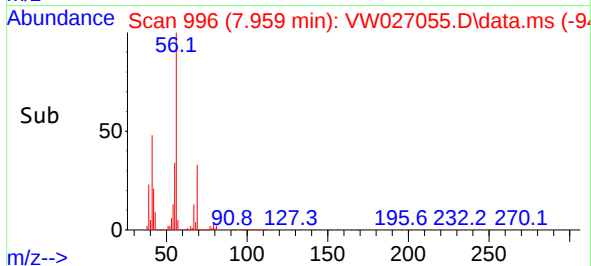
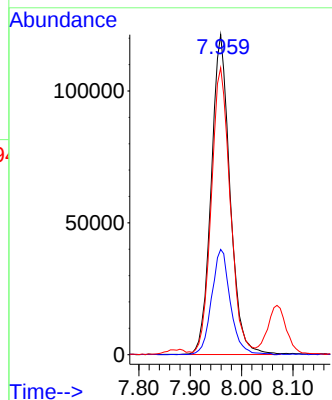
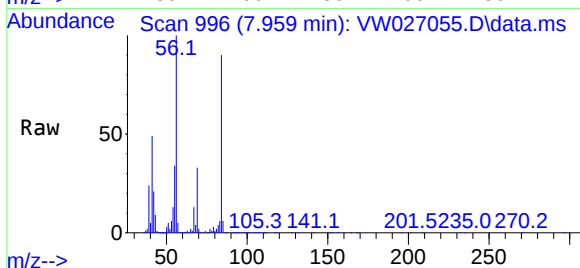
Tgt Ion: 56 Resp: 308328

Ion Ratio Lower Upper

56 100

69 32.7 24.8 37.2

84 90.4 68.2 102.4



#30

1,1,1-Trichloroethane

Concen: 28.537 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW027055.D

Acq: 12 Sep 2023 09:11

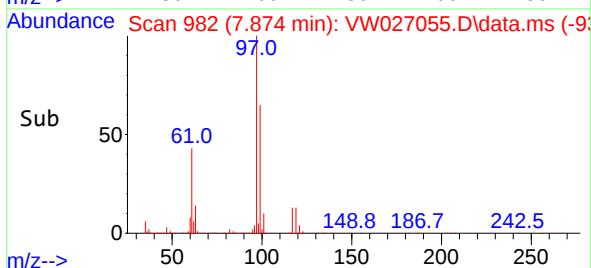
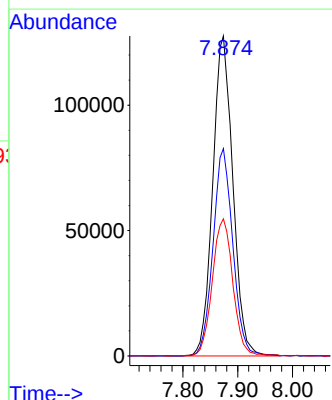
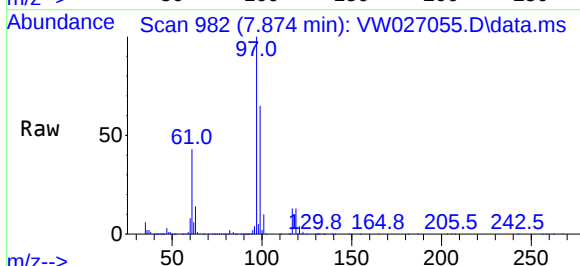
Tgt Ion: 97 Resp: 324730

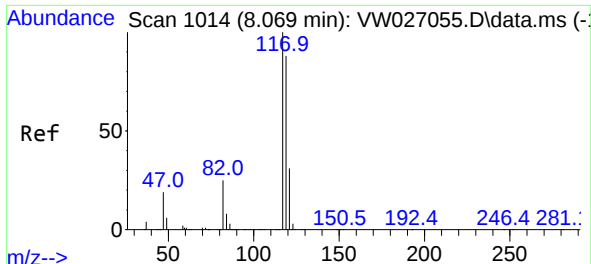
Ion Ratio Lower Upper

97 100

99 64.0 50.8 76.2

61 43.6 37.6 56.4

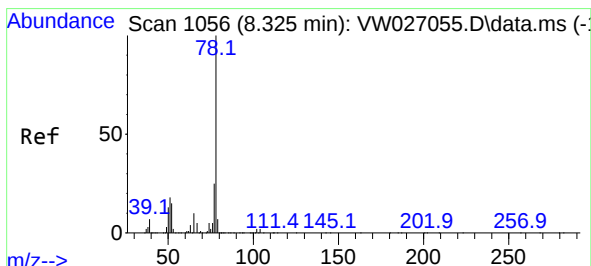
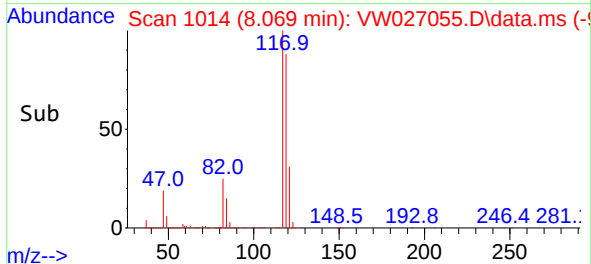
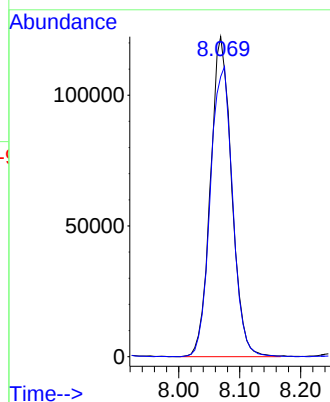
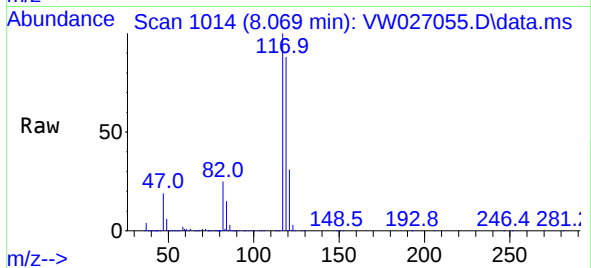




#31
Carbon tetrachloride
Concen: 29.204 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

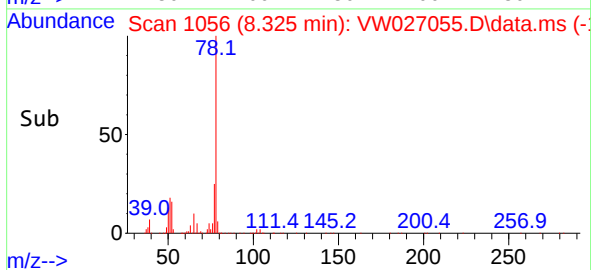
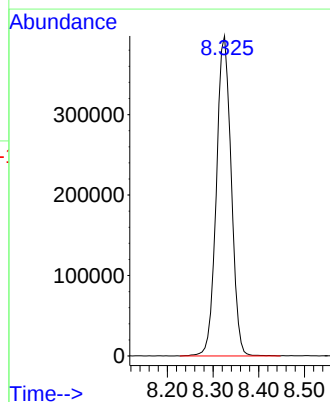
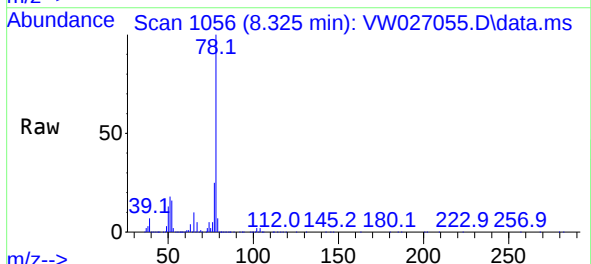
Instrument :
MSVOA_W
ClientSampleId :

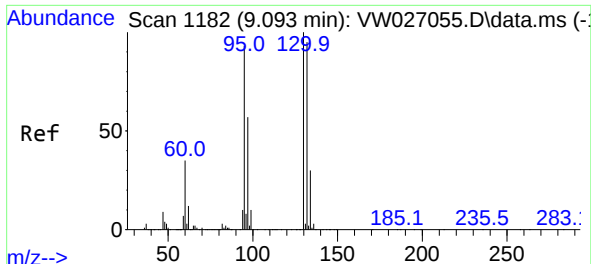
Tgt Ion:117 Resp: 296190
Ion Ratio Lower Upper
117 100
119 95.2 76.1 114.1



#33
Benzene
Concen: 26.033 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

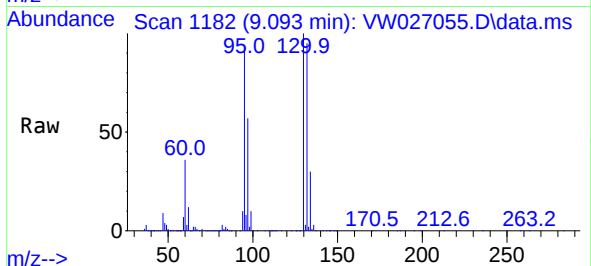
Tgt Ion: 78 Resp: 894382





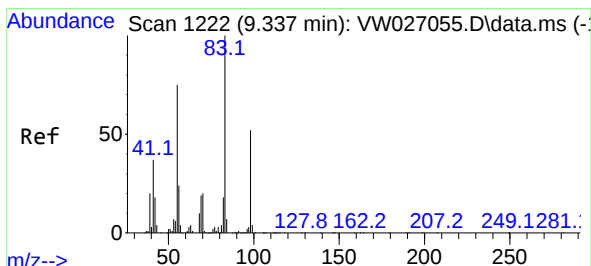
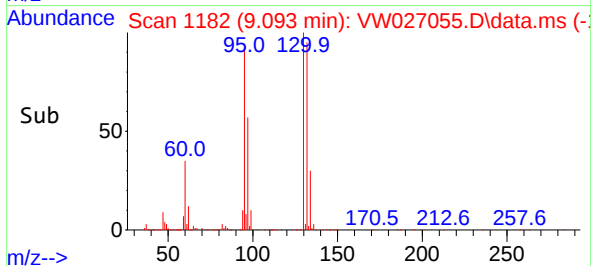
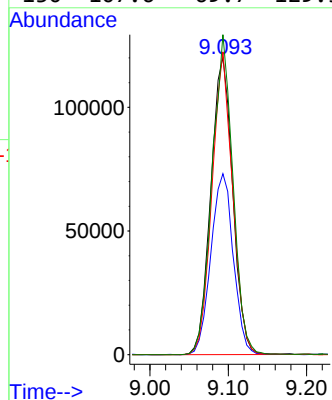
#34
Trichloroethene
Concen: 26.454 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 233515

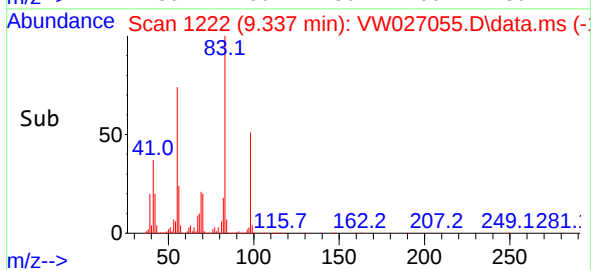
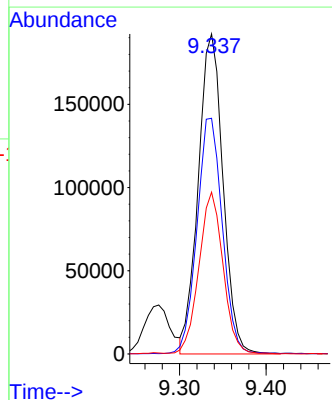
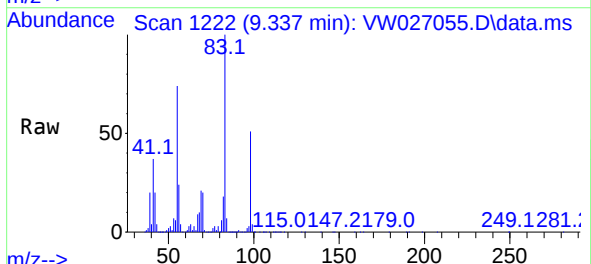
Ion	Ratio	Lower	Upper
95	100		
97	60.8	42.4	78.8
132	101.8	63.1	117.3
130	107.6	69.7	129.5

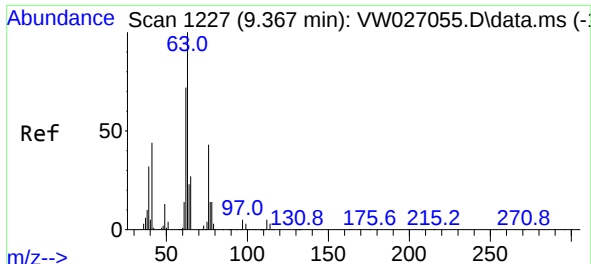


#35
Methylcyclohexane
Concen: 25.447 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Tgt Ion: 83 Resp: 381661

Ion	Ratio	Lower	Upper
83	100		
55	75.4	61.7	92.5
98	48.9	38.3	57.5





#37

1,2-Dichloropropane

Concen: 25.949 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027055.D

Acq: 12 Sep 2023 09:11

Instrument :

MSVOA_W

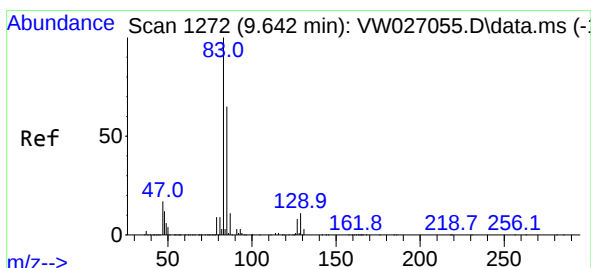
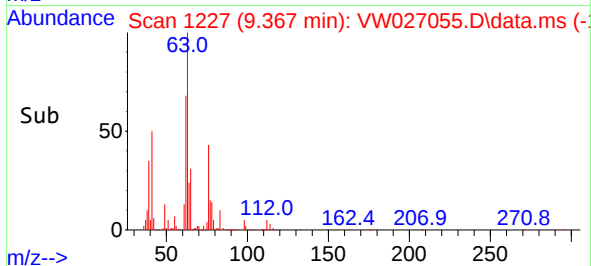
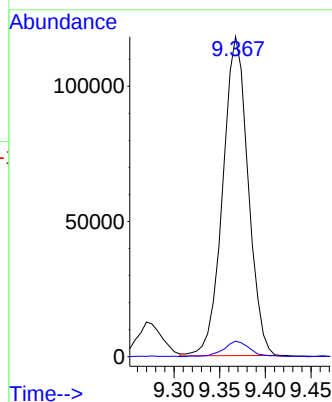
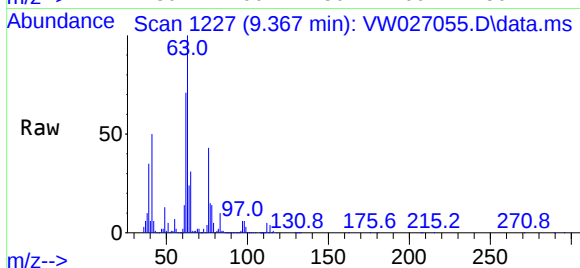
ClientSampleId :

Tgt Ion: 63 Resp: 227496

Ion Ratio Lower Upper

63 100

112 4.9 3.5 5.3



#38

Bromodichloromethane

Concen: 27.685 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027055.D

Acq: 12 Sep 2023 09:11

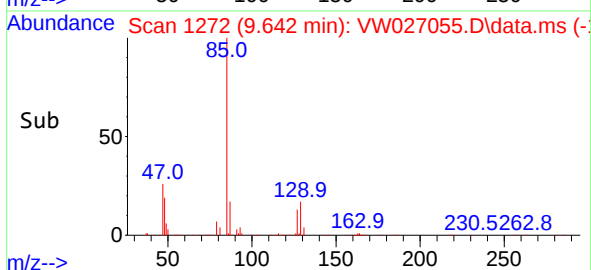
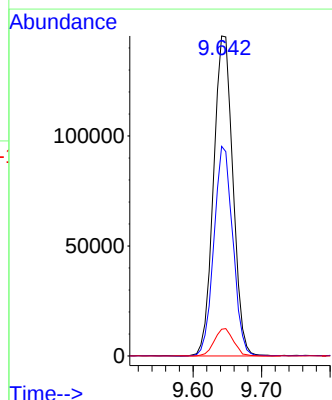
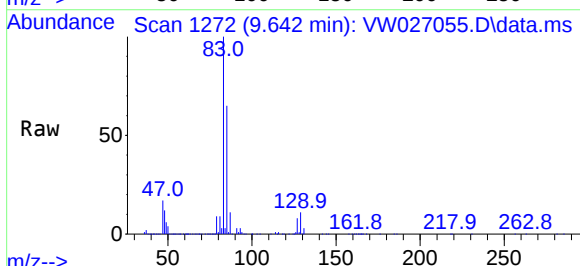
Tgt Ion: 83 Resp: 285844

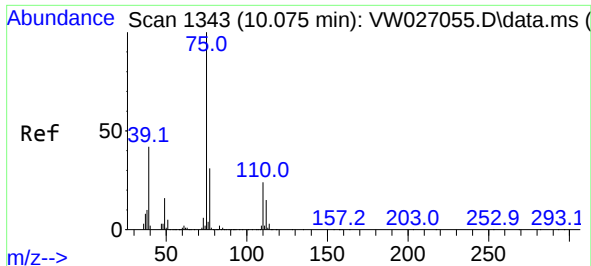
Ion Ratio Lower Upper

83 100

85 65.5 44.4 82.4

127 8.3 6.0 9.0

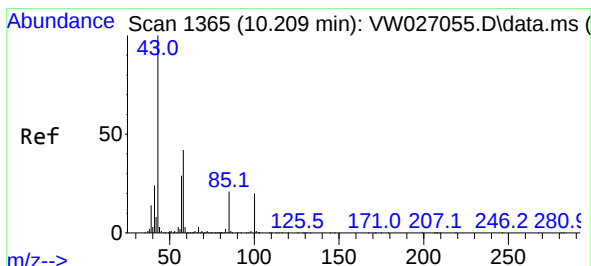
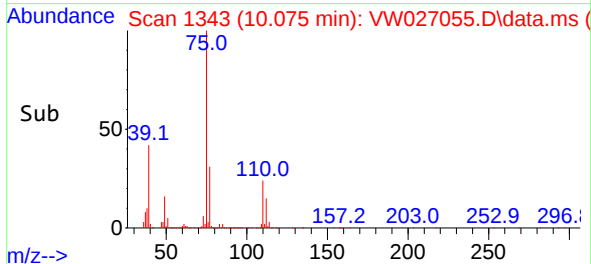
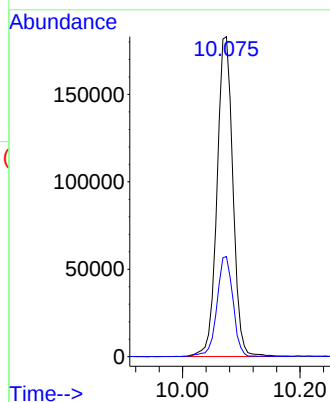
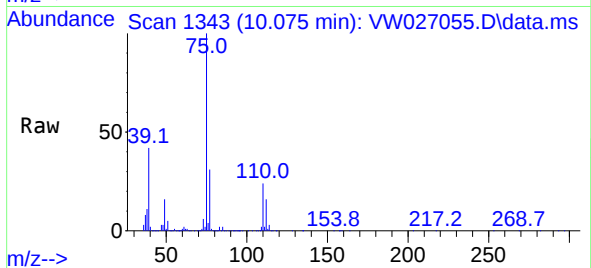




#39
cis-1,3-Dichloropropene
Concen: 26.364 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

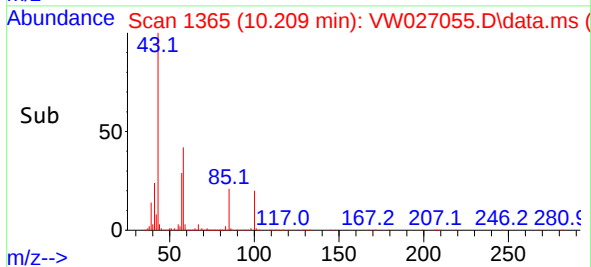
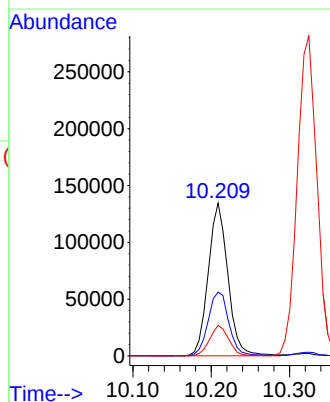
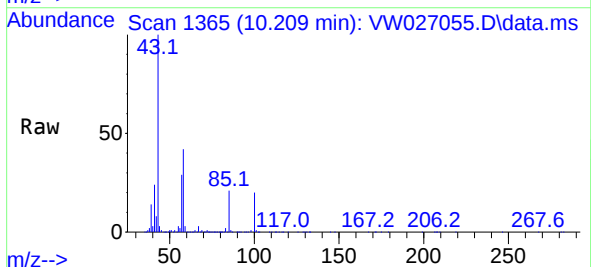
Instrument :
MSVOA_W
ClientSampleId :

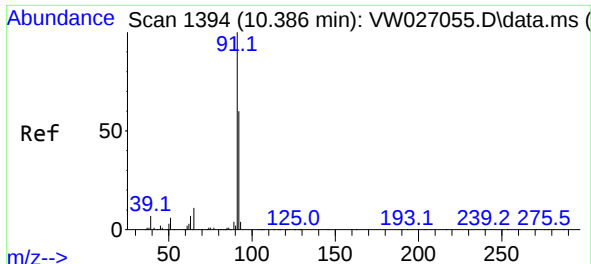
Tgt Ion: 75 Resp: 343133
Ion Ratio Lower Upper
75 100
77 31.3 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 51.656 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Tgt Ion: 43 Resp: 233806
Ion Ratio Lower Upper
43 100
58 44.2 33.4 50.2
100 19.6 13.0 19.4#

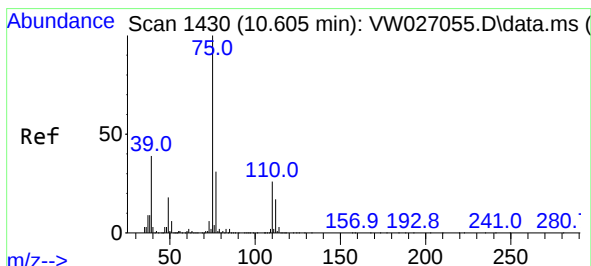
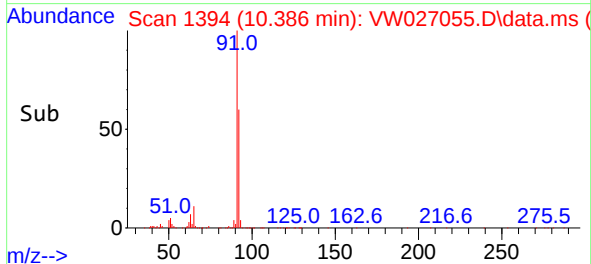
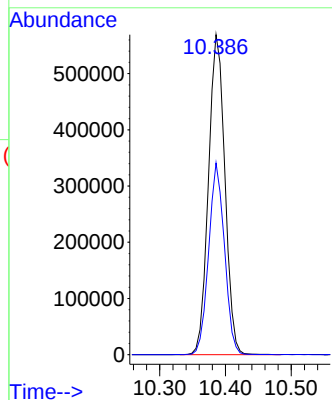
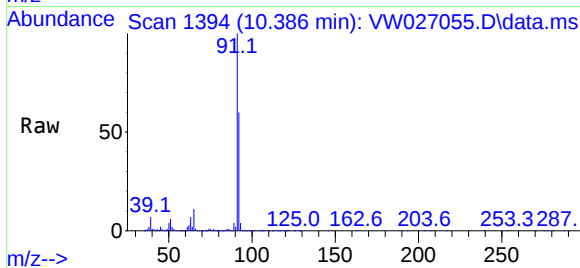




#42
Toluene
Concen: 27.963 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

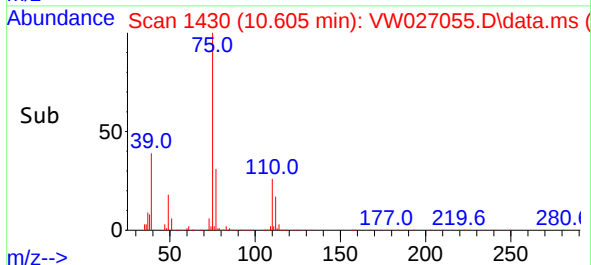
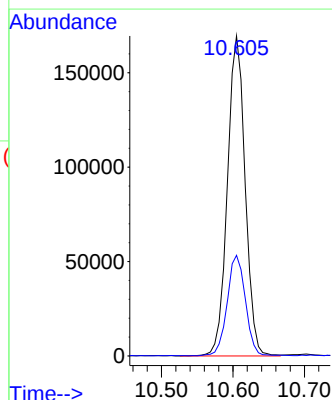
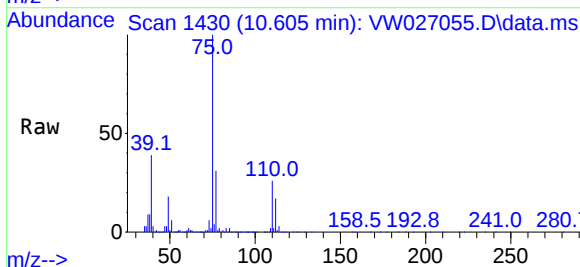
Instrument :
MSVOA_W
ClientSampleId :

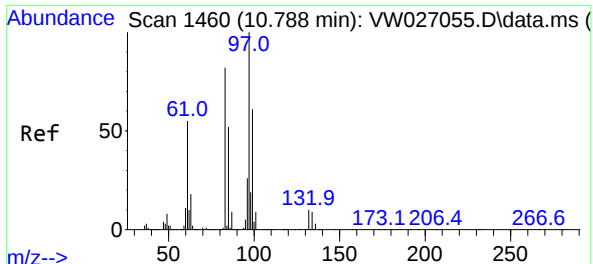
Tgt Ion: 91 Resp: 988633
Ion Ratio Lower Upper
91 100
92 59.9 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 27.644 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Tgt Ion: 75 Resp: 292170
Ion Ratio Lower Upper
75 100
77 31.5 23.0 42.6



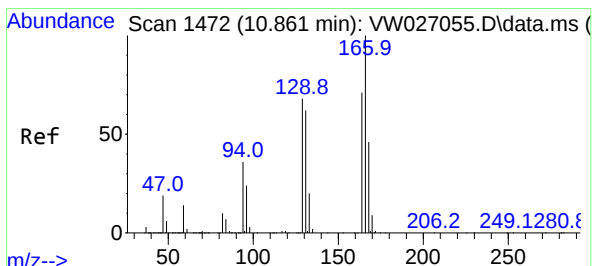
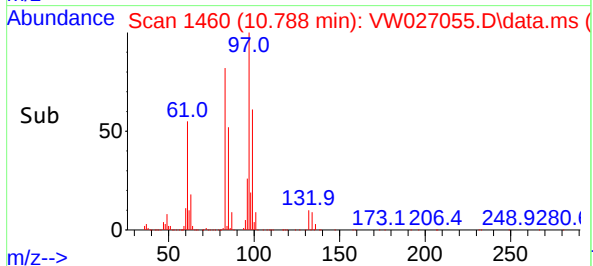
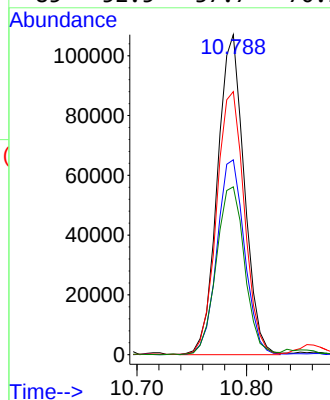
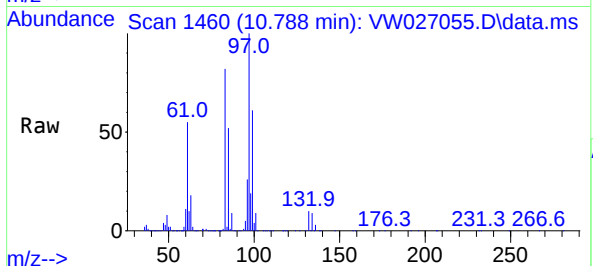


#45
1,1,2-Trichloroethane
Concen: 28.820 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 182018

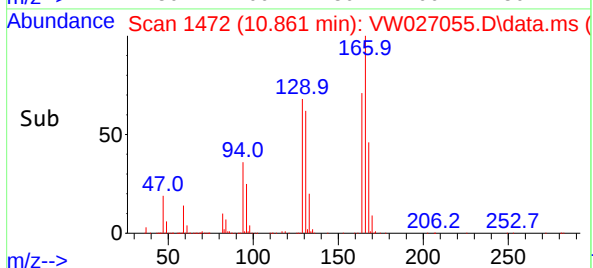
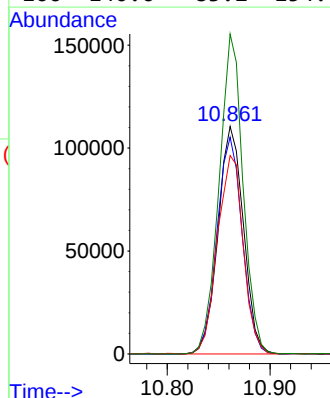
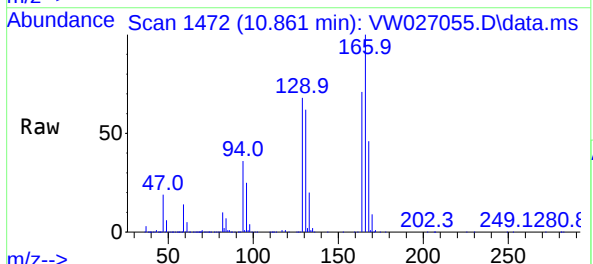
Ion	Ratio	Lower	Upper
97	100		
99	60.9	44.7	82.9
83	82.2	60.9	113.1
85	52.5	37.7	70.1

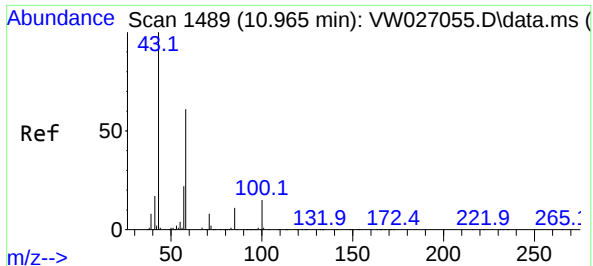


#46
Tetrachloroethene
Concen: 28.071 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Tgt Ion: 164 Resp: 189148

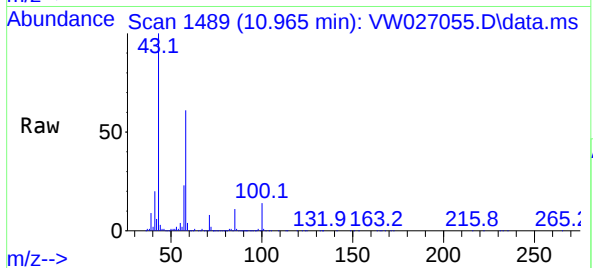
Ion	Ratio	Lower	Upper
164	100		
129	95.3	71.4	132.6
131	87.2	60.8	113.0
166	140.6	83.2	154.6



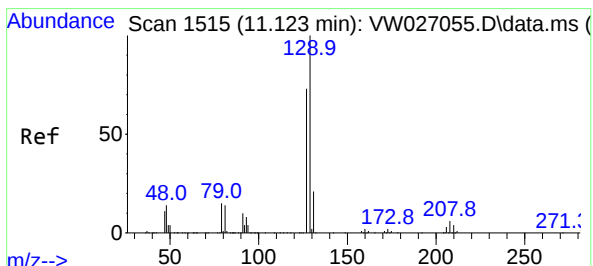
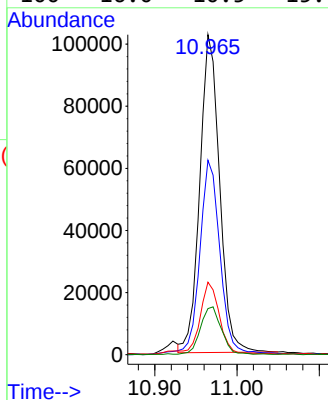
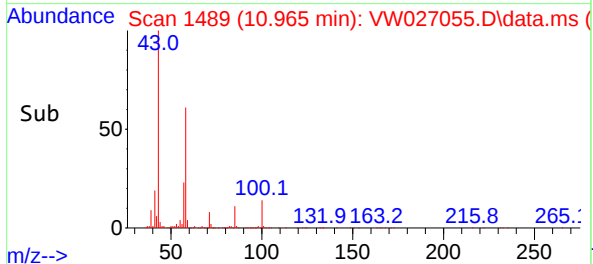


#48
2-Hexanone
Concen: 55.510 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Instrument :
MSVOA_W
ClientSampleId :

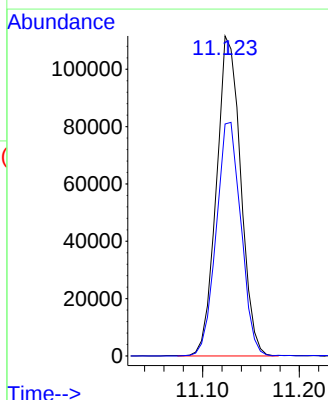
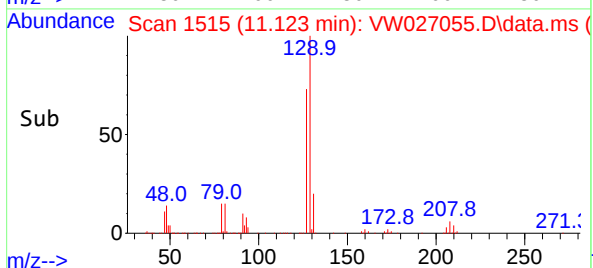
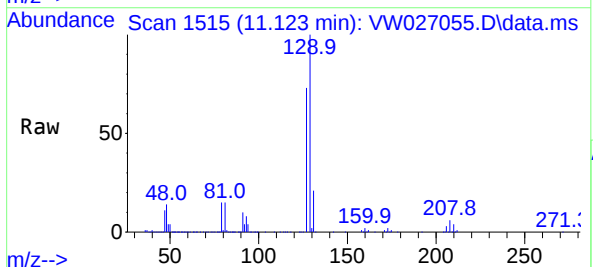


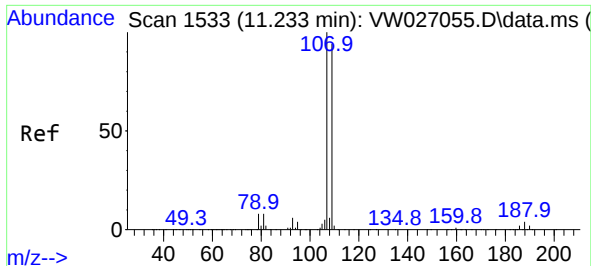
Tgt Ion: 43 Resp: 171233
Ion Ratio Lower Upper
43 100
58 63.1 47.5 71.3
57 21.4 15.2 22.8
100 16.0 10.5 15.7#



#49
Dibromochloromethane
Concen: 29.897 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

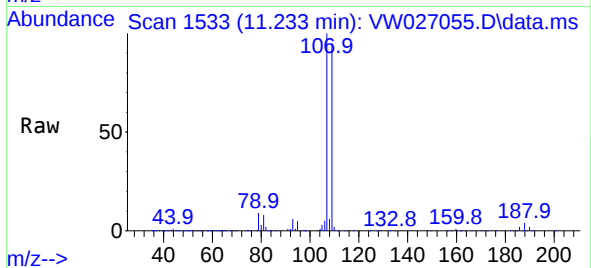
Tgt Ion: 129 Resp: 194507
Ion Ratio Lower Upper
129 100
127 72.5 47.5 88.3



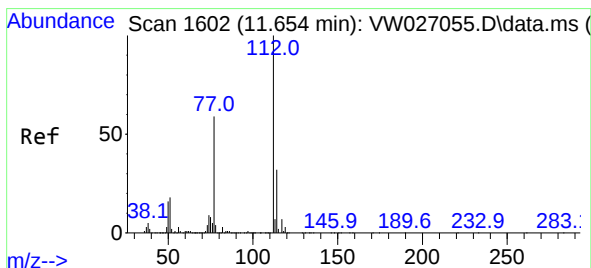
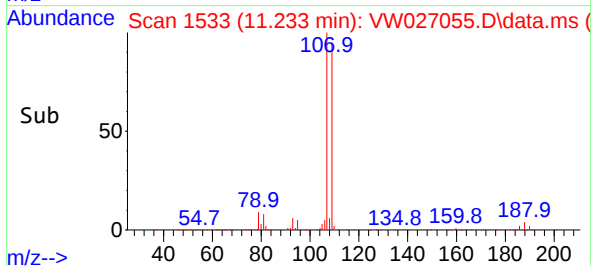
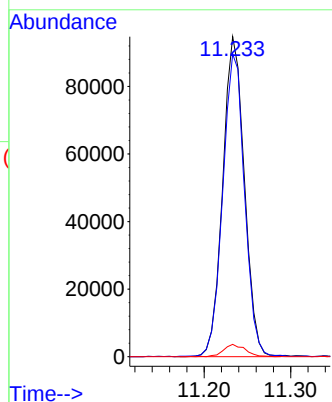


#50
1,2-Dibromoethane
Concen: 28.705 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Instrument :
MSVOA_W
ClientSampleId :

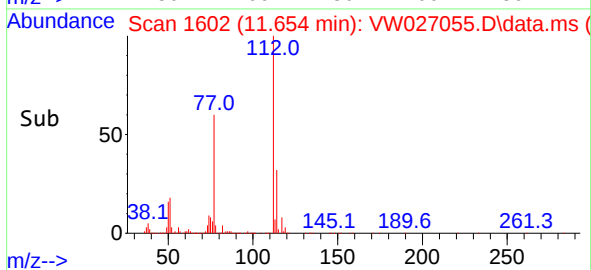
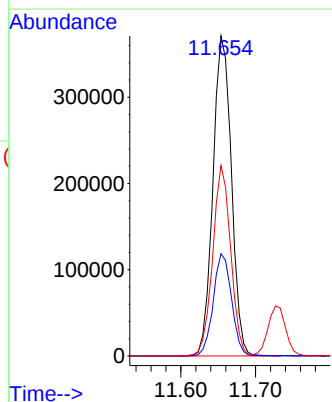
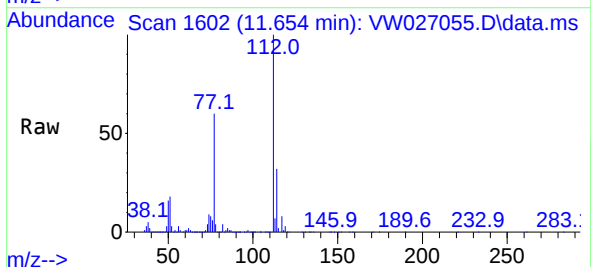


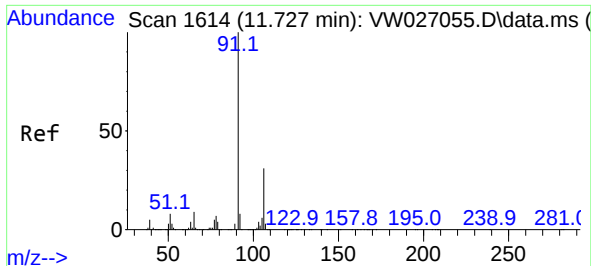
Tgt Ion:107 Resp: 164131
Ion Ratio Lower Upper
107 100
109 94.6 68.5 127.1
188 3.9 2.9 4.3



#51
Chlorobenzene
Concen: 27.930 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Tgt Ion:112 Resp: 636055
Ion Ratio Lower Upper
112 100
114 32.0 20.5 38.1
77 59.5 49.5 74.3

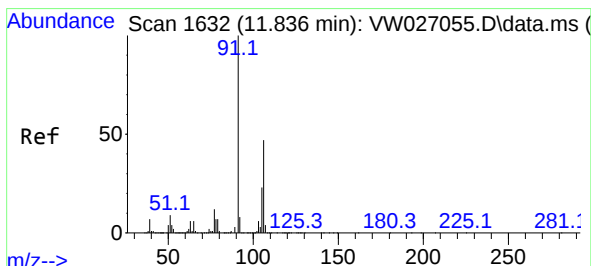
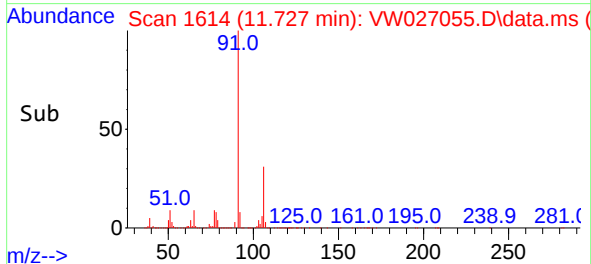
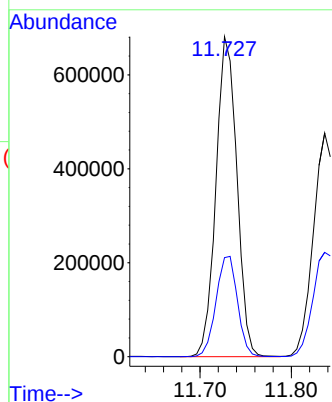
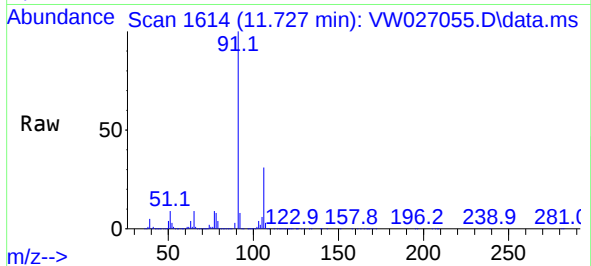




#52
Ethylbenzene
Concen: 27.631 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

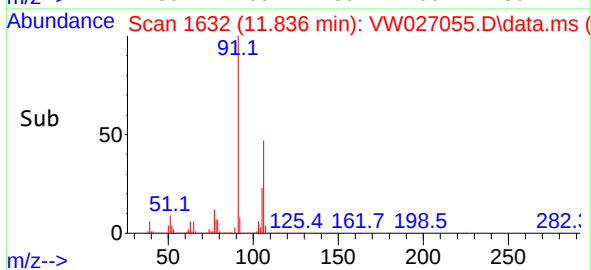
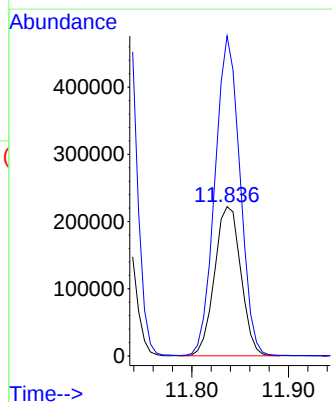
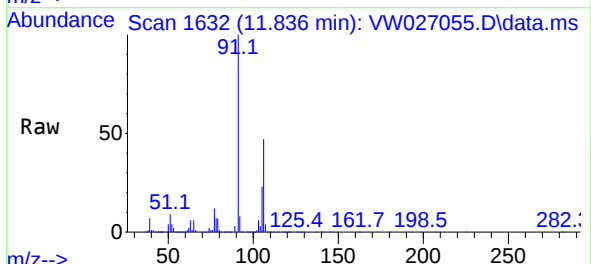
Instrument :
MSVOA_W
ClientSampleId :

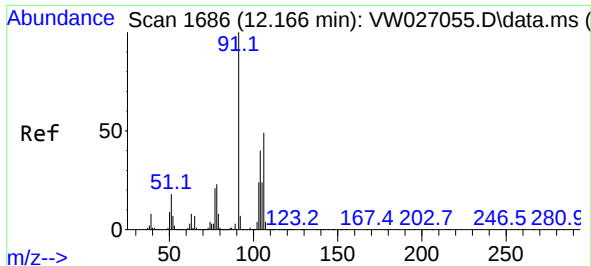
Tgt Ion: 91 Resp: 1083008
Ion Ratio Lower Upper
91 100
106 30.9 21.1 39.3



#53
m,p-Xylene
Concen: 28.297 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Tgt Ion:106 Resp: 419541
Ion Ratio Lower Upper
106 100
91 214.3 139.6 259.2

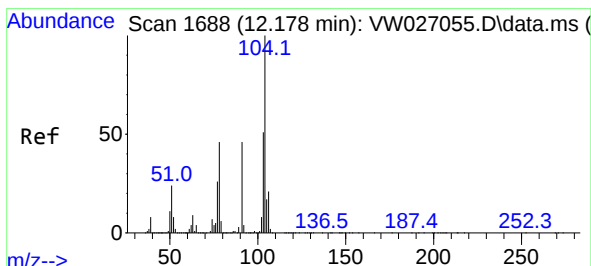
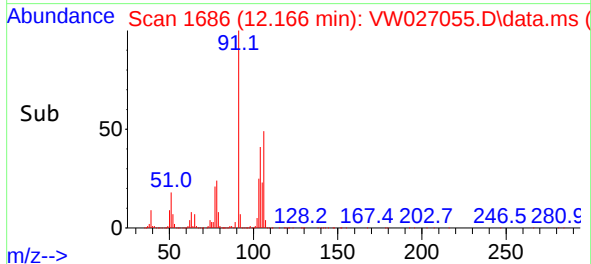
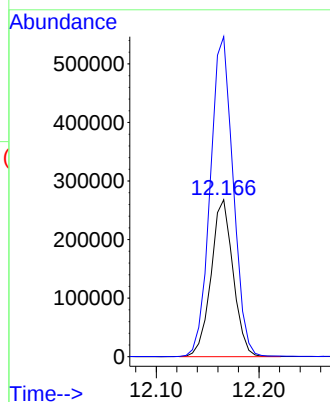
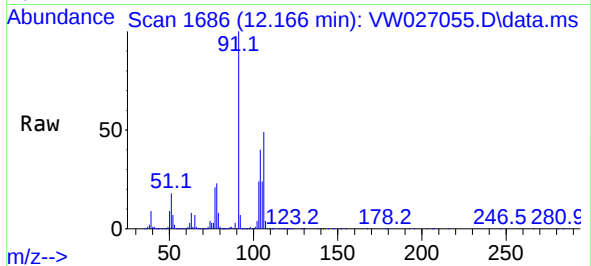




#54
o-Xylene
Concen: 28.698 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

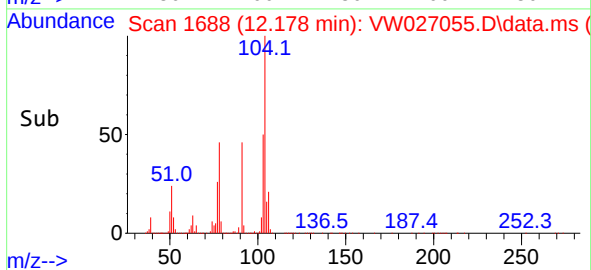
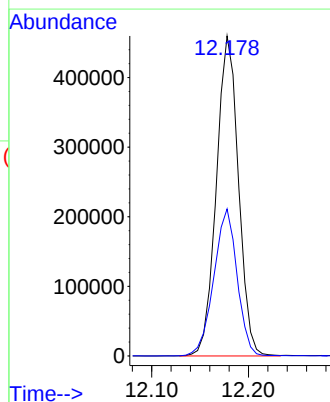
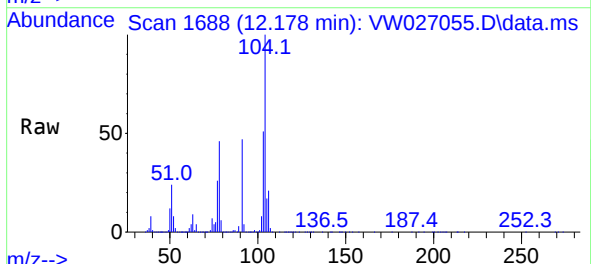
Instrument :
MSVOA_W
ClientSampleId :

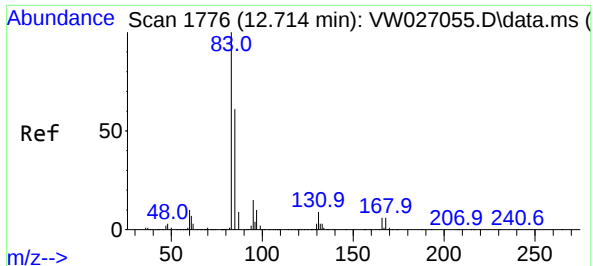
Tgt Ion:106 Resp: 398126
Ion Ratio Lower Upper
106 100
91 203.9 154.0 286.0



#55
Styrene
Concen: 30.771 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Tgt Ion:104 Resp: 728560
Ion Ratio Lower Upper
104 100
78 45.9 35.2 65.4

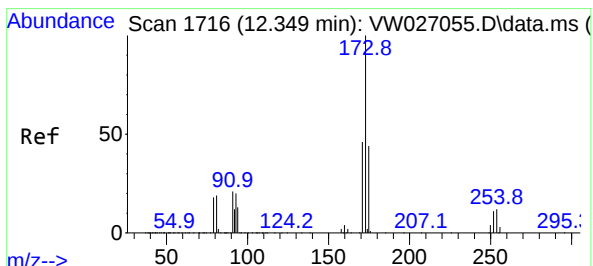
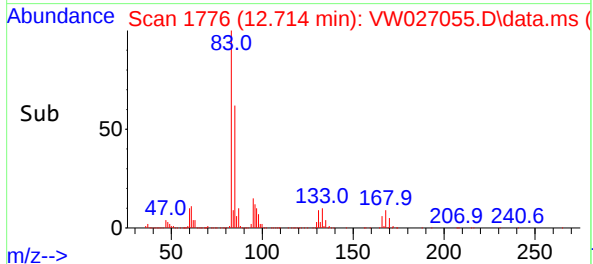
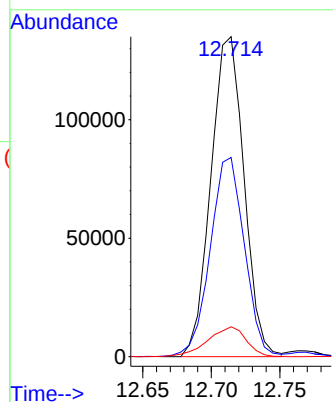
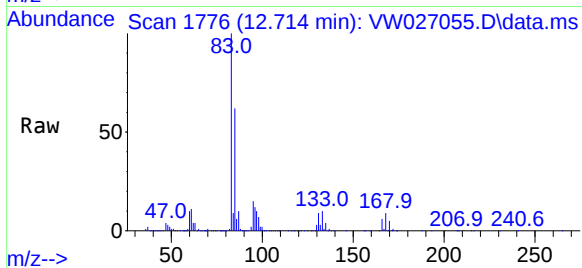




#57
1,1,2,2-Tetrachloroethane
Concen: 30.433 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

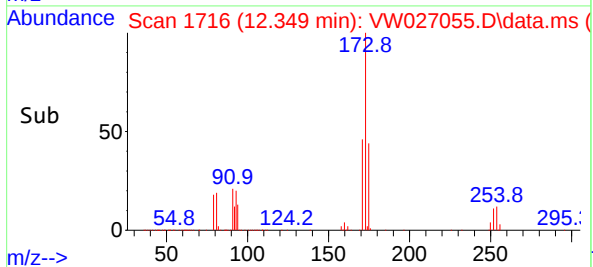
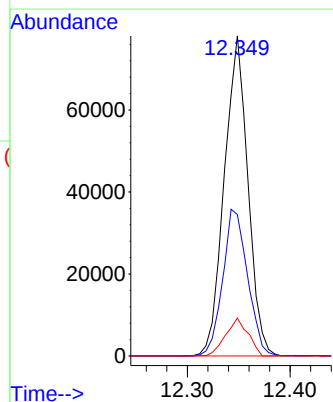
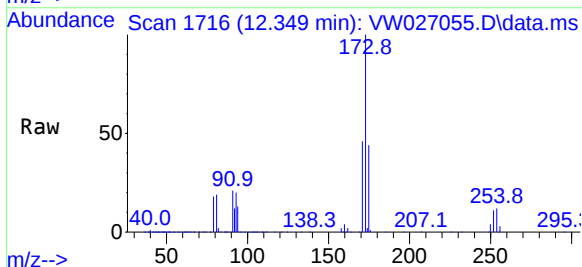
Instrument :
MSVOA_W
ClientSampleId :

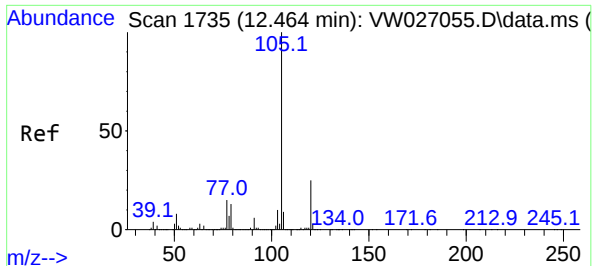
Tgt Ion: 83 Resp: 227378
Ion Ratio Lower Upper
83 100
85 62.3 44.1 81.9
131 9.4 7.2 10.8



#59
Bromoform
Concen: 29.866 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Tgt Ion: 173 Resp: 124549
Ion Ratio Lower Upper
173 100
175 48.2 36.6 54.8
254 11.2 8.5 12.7

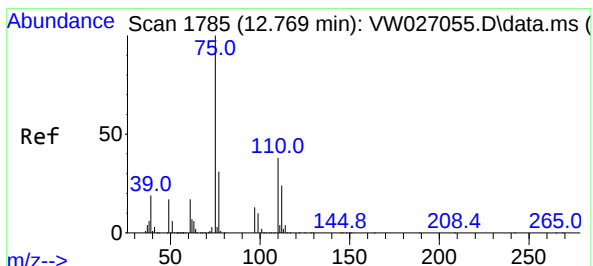
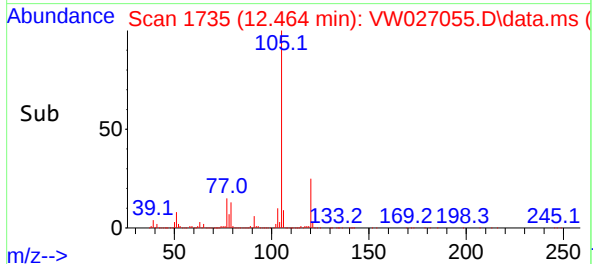
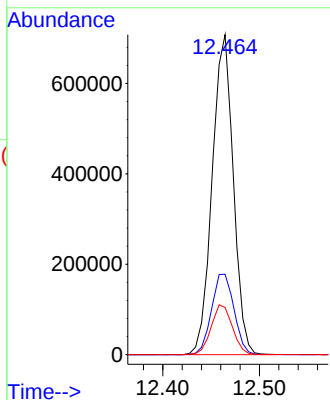
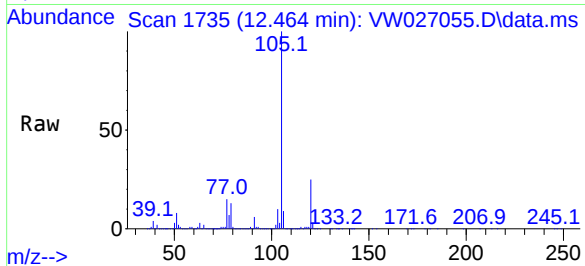




#60
Isopropylbenzene
Concen: 26.704 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

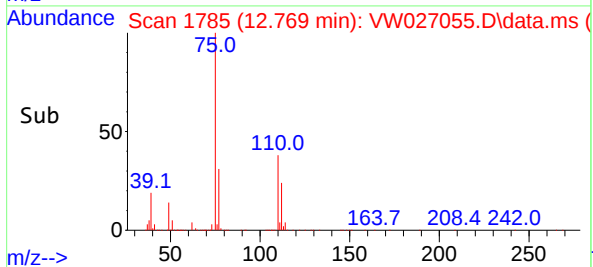
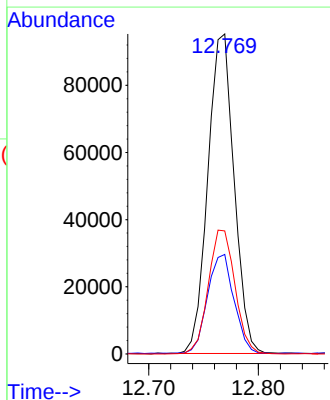
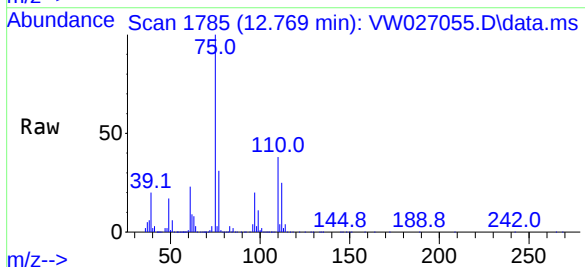
Instrument :
MSVOA_W
ClientSampleId :

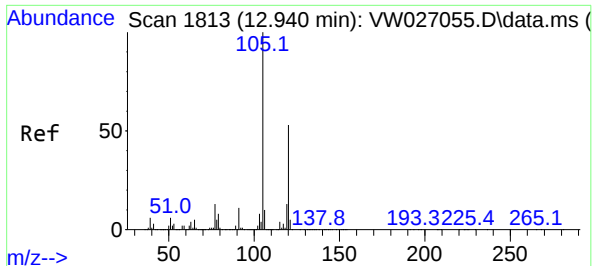
Tgt Ion:105 Resp: 1072689
Ion Ratio Lower Upper
105 100
120 26.9 21.4 32.0
77 15.8 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 28.257 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Tgt Ion: 75 Resp: 158508
Ion Ratio Lower Upper
75 100
77 31.5 26.3 39.5
110 39.4 30.5 45.7

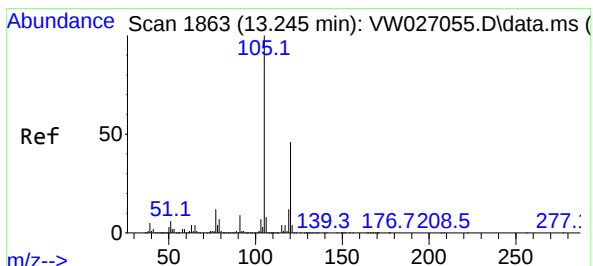
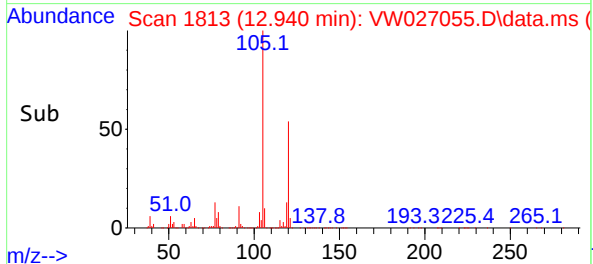
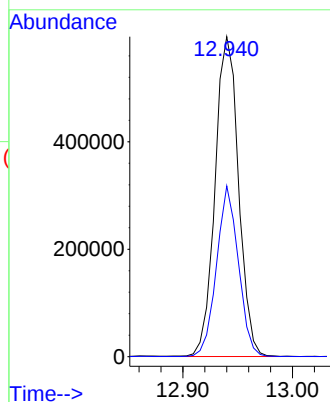
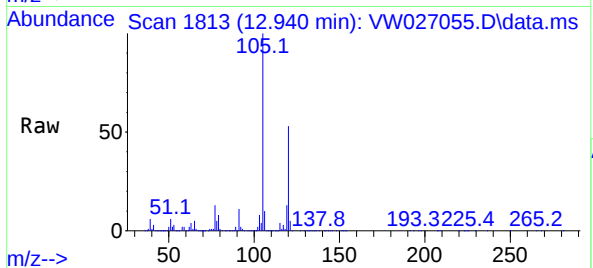




#62
1,3,5-Trimethylbenzene
Concen: 27.650 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

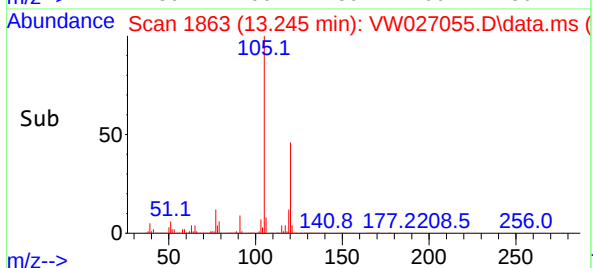
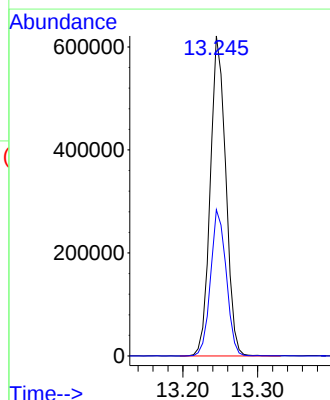
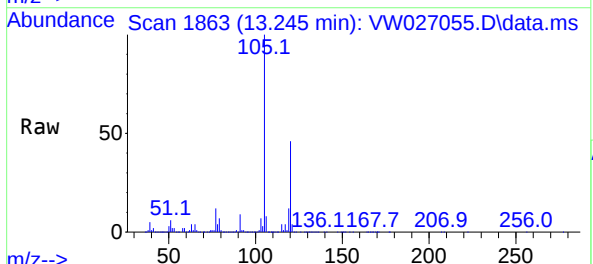
Instrument :
MSVOA_W
ClientSampleId :

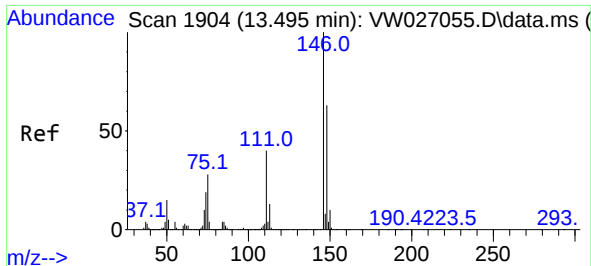
Tgt Ion:105 Resp: 886320
Ion Ratio Lower Upper
105 100
120 49.7 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 28.493 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Tgt Ion:105 Resp: 892927
Ion Ratio Lower Upper
105 100
120 46.1 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 28.322 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW027055.D

Acq: 12 Sep 2023 09:11

Instrument :

MSVOA_W

ClientSampleId :

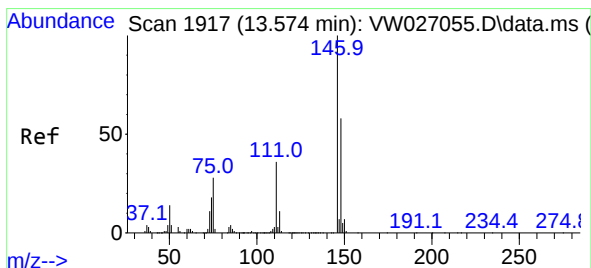
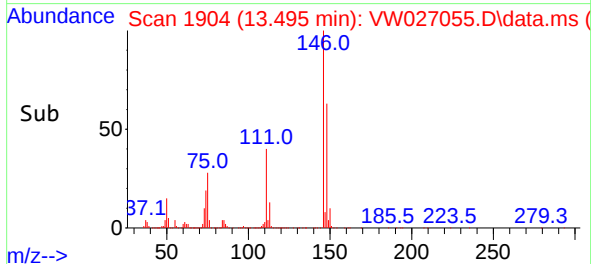
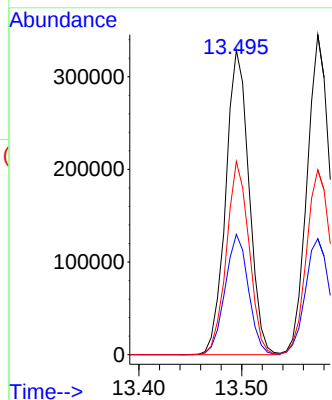
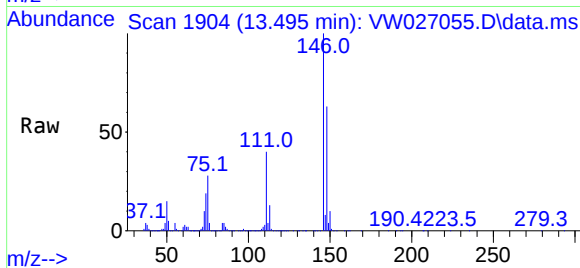
Tgt Ion:146 Resp: 517556

Ion Ratio Lower Upper

146 100

111 39.5 26.9 50.1

148 63.5 39.2 72.8



#65

1,4-Dichlorobenzene

Concen: 28.770 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW027055.D

Acq: 12 Sep 2023 09:11

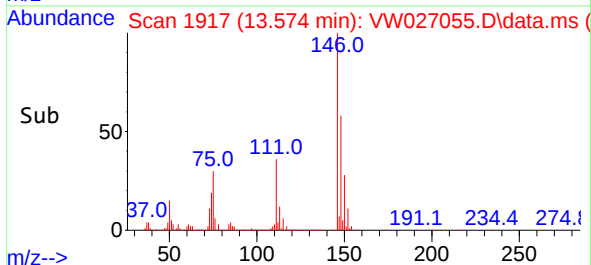
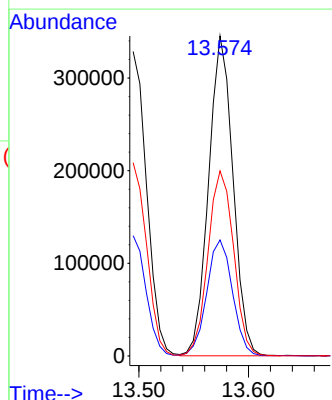
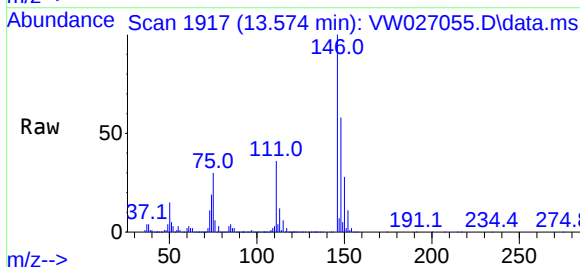
Tgt Ion:146 Resp: 534373

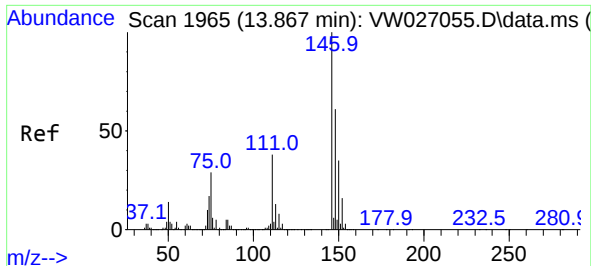
Ion Ratio Lower Upper

146 100

111 36.2 25.8 47.8

148 57.8 40.0 74.2





#67

1,2-Dichlorobenzene

Concen: 28.968 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027055.D

Acq: 12 Sep 2023 09:11

Instrument :

MSVOA_W

ClientSampleId :

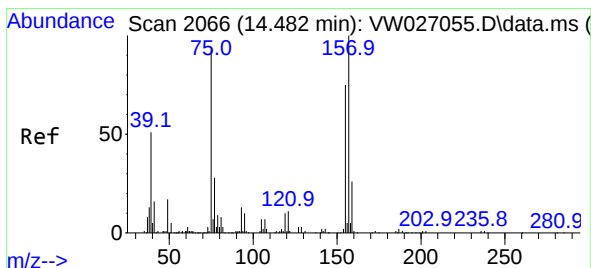
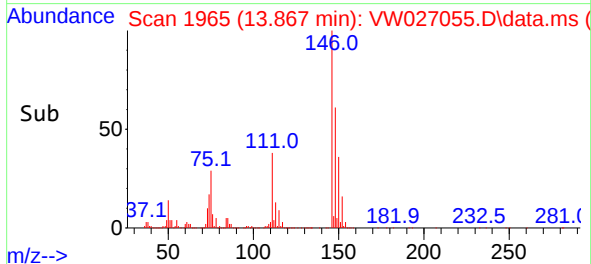
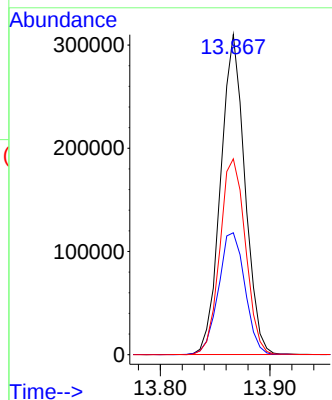
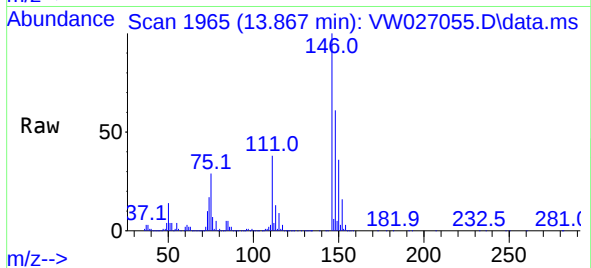
Tgt Ion:146 Resp: 476954

Ion Ratio Lower Upper

146 100

111 38.1 34.0 51.0

148 61.2 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 26.060 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW027055.D

Acq: 12 Sep 2023 09:11

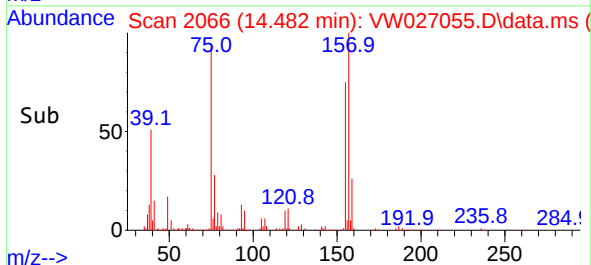
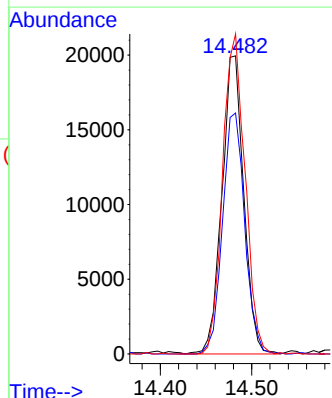
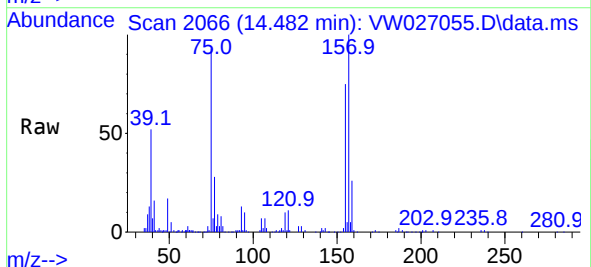
Tgt Ion: 75 Resp: 33150

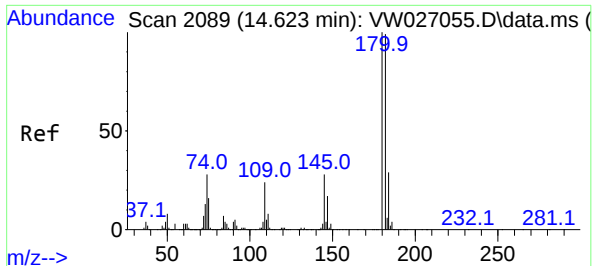
Ion Ratio Lower Upper

75 100

155 80.9 65.9 98.9

157 107.3 68.7 103.1#





#69

1,3,5-Trichlorobenzene

Concen: 28.544 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW027055.D

Acq: 12 Sep 2023 09:11

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 362343

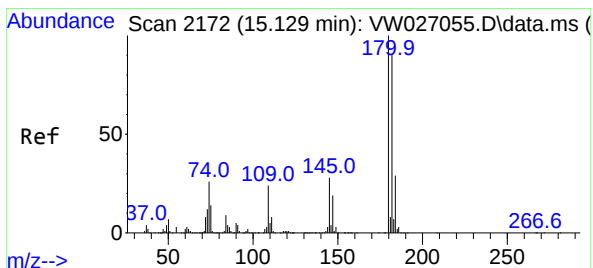
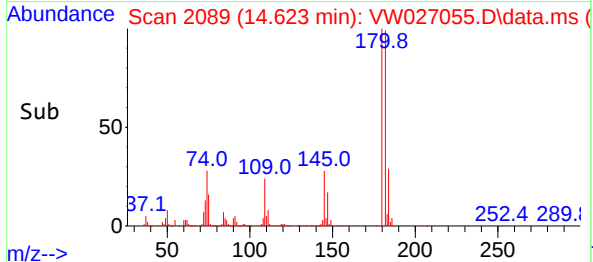
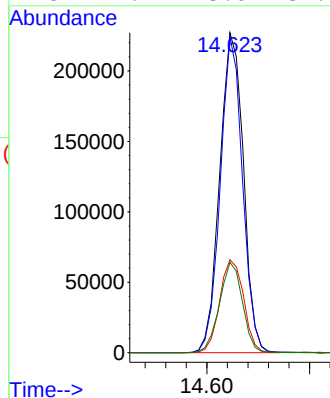
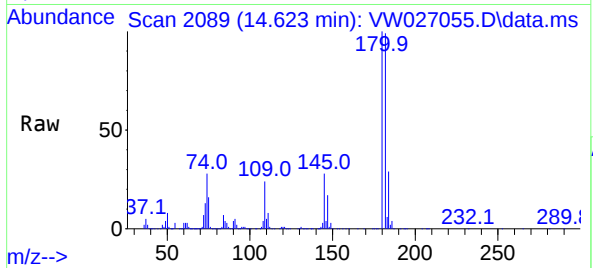
Ion Ratio Lower Upper

180 100

182 92.7 73.6 110.4

184 29.4 23.6 35.4

145 27.4 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 26.833 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027055.D

Acq: 12 Sep 2023 09:11

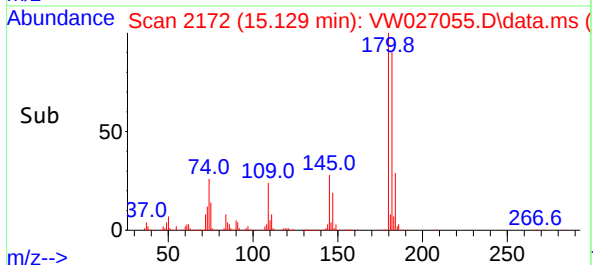
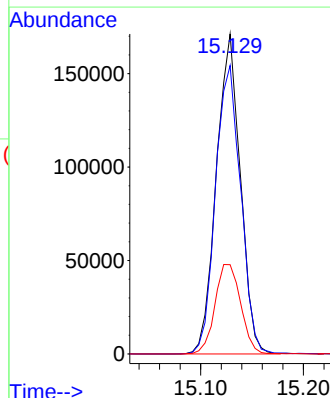
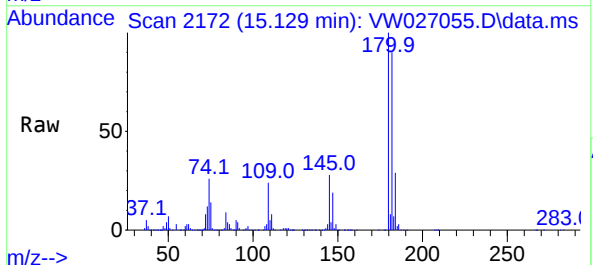
Tgt Ion:180 Resp: 277336

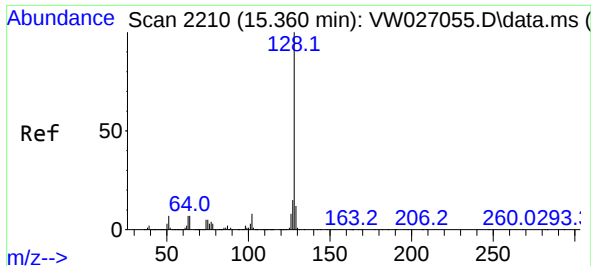
Ion Ratio Lower Upper

180 100

182 94.4 81.0 121.6

145 29.9 24.8 37.2



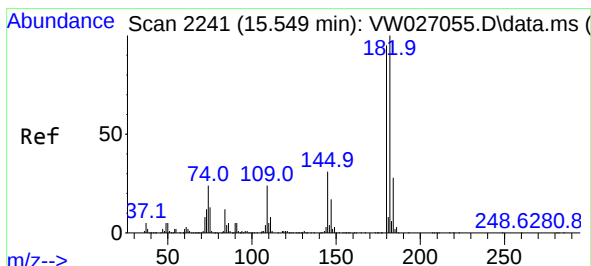
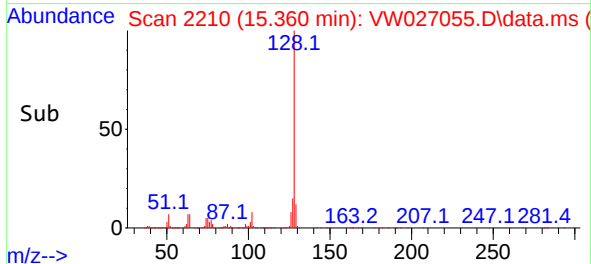
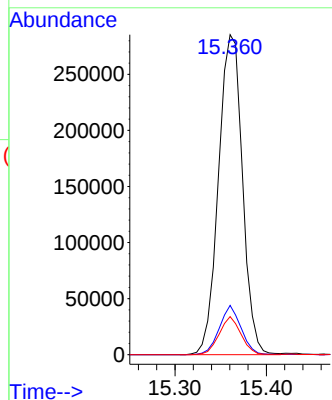
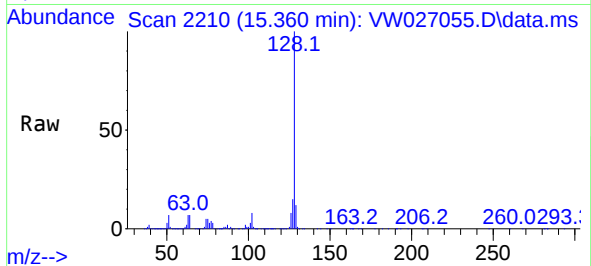


#71
Naphthalene
Concen: 28.451 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 520328

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.9	16.3
129	10.8	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 27.640 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027055.D
Acq: 12 Sep 2023 09:11

Tgt Ion:180 Resp: 258971

Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.2	114.4
145	31.9	25.6	38.4

