

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
 Data File : VW027764.D
 Acq On : 19 Dec 2023 05:40
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 06:45:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	370554	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	331550	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	171035	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	104633	19.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.760%
7) Chloroethane-d5	2.893	69	82859	20.279	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.120%
11) 1,1-Dichloroethene-d2	4.021	65	44166	21.014	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.040%
21) 2-Butanone-d5	7.100	46	36349	40.676	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.360%
24) Chloroform-d	7.648	84	211327	23.967	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.880%
26) 1,2-Dichloroethane-d4	8.307	65	94945	22.933	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.720%
32) Benzene-d6	8.276	84	453905	23.425	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.720%
36) 1,2-Dichloropropane-d6	9.270	67	126809	23.100	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.400%
41) Toluene-d8	10.318	98	427370	23.772	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.080%
43) trans-1,3-Dichloroprop...	10.575	79	46645	21.946	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.800%
47) 2-Hexanone-d5	10.922	63	32860	41.075	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.160%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	89713	21.610	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.440%
66) 1,2-Dichlorobenzene-d4	13.854	152	140315	22.919	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	94834	21.988	ug/L	99
3) Chloromethane	2.216	50	120393	23.700	ug/L	96
5) Vinyl chloride	2.369	62	142255	23.538	ug/L	99
6) Bromomethane	2.789	94	96982	25.211	ug/L	99
8) Chloroethane	2.936	64	77888	21.555	ug/L	99
9) Trichlorofluoromethane	3.271	101	132329	24.243	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	112295	24.218	ug/L	97
12) 1,1-Dichloroethene	4.045	96	112870	24.867	ug/L	89
13) Acetone	4.185	43	29495	36.359	ug/L	100
14) Carbon disulfide	4.387	76	363448	23.835	ug/L	99
15) Methyl Acetate	4.691	43	31145	21.251	ug/L	97
16) Methylene chloride	4.917	84	124052	21.351	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	122083	25.436	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	159155	25.080	ug/L	99
19) 1,1-Dichloroethane	6.222	63	207378	25.408	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	132856	26.295	ug/L	96
22) 2-Butanone	7.197	43	40774	37.850	ug/L	98
23) Bromochloromethane	7.514	128	56773	26.610	ug/L	96
25) Chloroform	7.679	83	211054	26.257	ug/L	96

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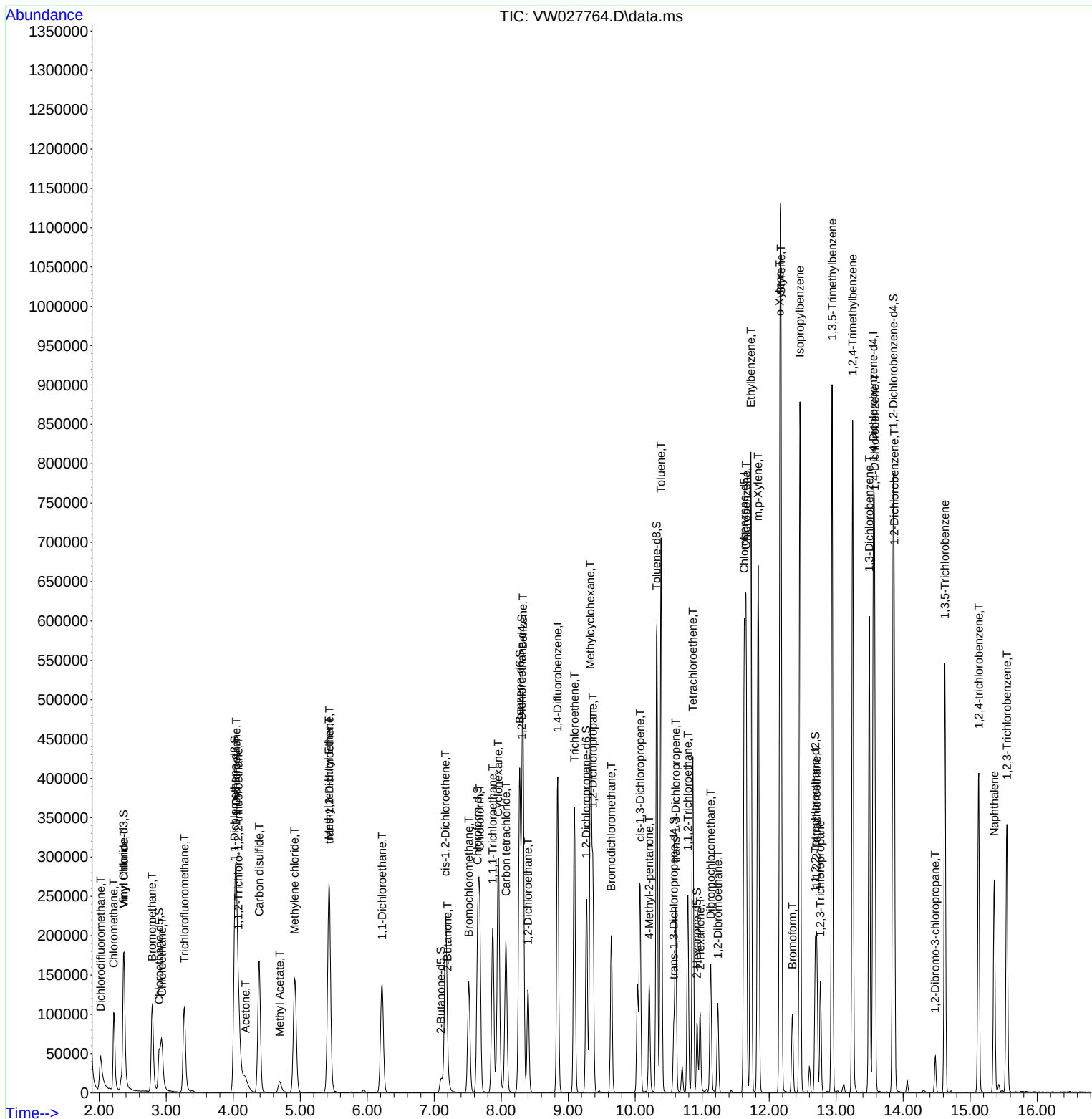
Instrument :
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 ClientSampleId :

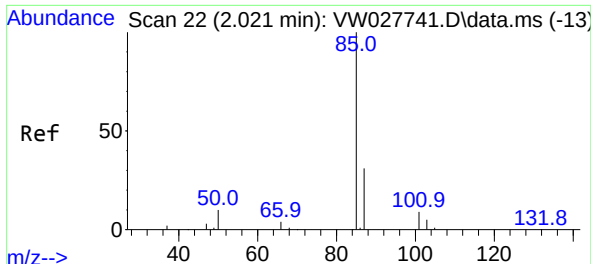
Quant Time: Dec 19 06:45:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	120217	25.510	ug/L	99
29) Cyclohexane	7.953	56	177345	22.607	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	176719	25.517	ug/L	98
31) Carbon tetrachloride	8.069	117	151054	24.784	ug/L	98
33) Benzene	8.325	78	490896	25.541	ug/L	100
34) Trichloroethene	9.093	95	132262	25.246	ug/L	97
35) Methylcyclohexane	9.331	83	224234	23.731	ug/L	98
37) 1,2-Dichloropropane	9.367	63	115607	24.918	ug/L	100
38) Bromodichloromethane	9.642	83	141615	25.113	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	172156	24.345	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	86371	42.594	ug/L	100
42) Toluene	10.386	91	540755	26.149	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	135371	24.309	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	83923	24.433	ug/L	99
46) Tetrachloroethene	10.861	164	106091	25.360	ug/L	82
48) 2-Hexanone	10.971	43	59029	39.110	ug/L	99
49) Dibromochloromethane	11.129	129	90624	25.226	ug/L	95
50) 1,2-Dibromoethane	11.233	107	78032	23.905	ug/L	91
51) Chlorobenzene	11.654	112	348443	26.373	ug/L	94
52) Ethylbenzene	11.727	91	598841	25.698	ug/L	97
53) m,p-Xylene	11.836	106	233099	26.042	ug/L	92
54) o-Xylene	12.160	106	221363	26.559	ug/L	99
55) Styrene	12.178	104	368614	26.235	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	89508	22.860	ug/L	99
59) Bromoform	12.349	173	47037	22.467	ug/L	96
60) Isopropylbenzene	12.458	105	600450	24.875	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	62485	21.920	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	493199	25.559	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	479135	25.225	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	252102	24.169	ug/L	88
65) 1,4-Dichlorobenzene	13.574	146	258109	24.634	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	226565	24.978	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	11530	20.247	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	171970	23.694	ug/L	92
70) 1,2,4-trichlorobenzene	15.129	180	135755	22.776	ug/L	91
71) Naphthalene	15.360	128	241756	22.889	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	125346	25.152	ug/L	100

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

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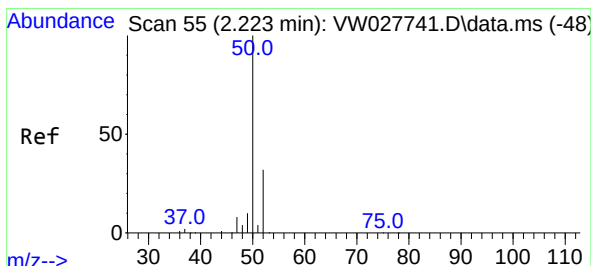
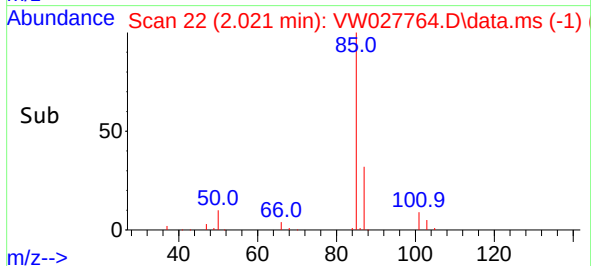
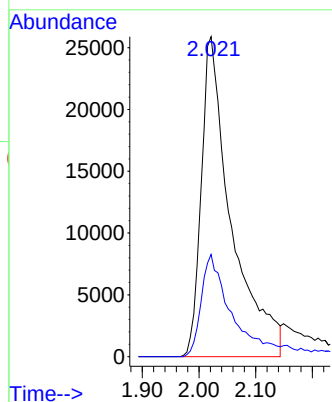
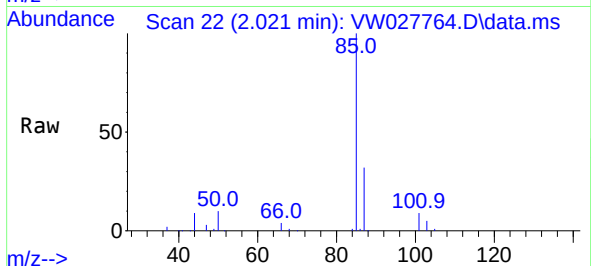




#2
Dichlorodifluoromethane
Concen: 21.988 ug/L
RT: 2.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

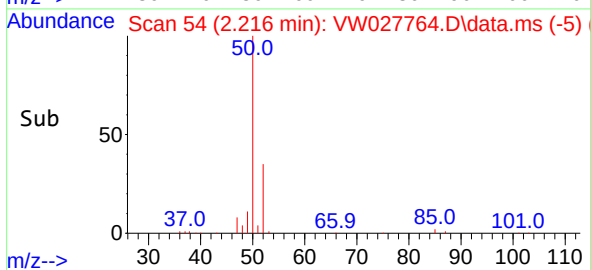
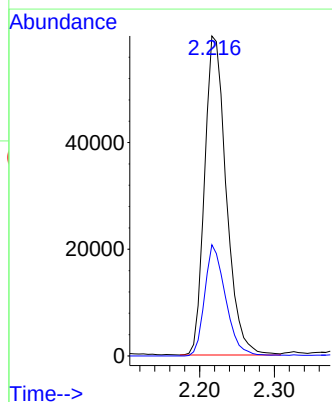
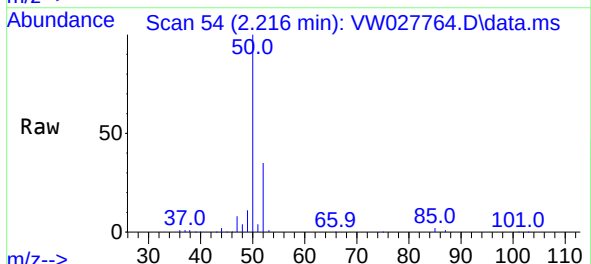
Instrument :
MSVOA_W
ClientSampleId :

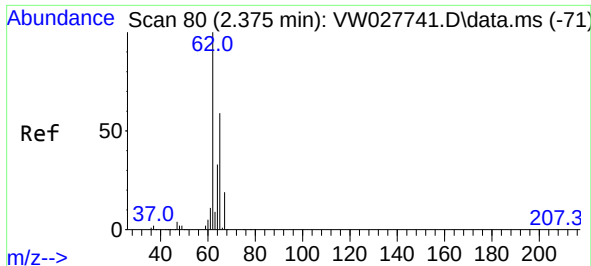
Tgt Ion: 85 Resp: 94834
Ion Ratio Lower Upper
85 100
87 29.3 23.2 34.8



#3
Chloromethane
Concen: 23.700 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.000 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

Tgt Ion: 50 Resp: 120393
Ion Ratio Lower Upper
50 100
52 34.8 22.8 42.4

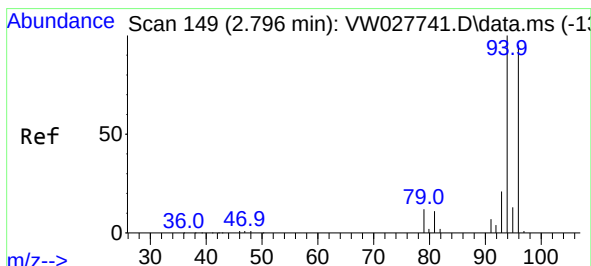
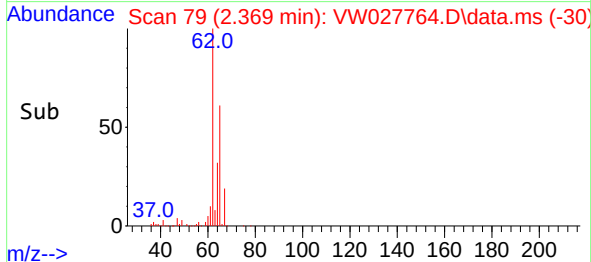
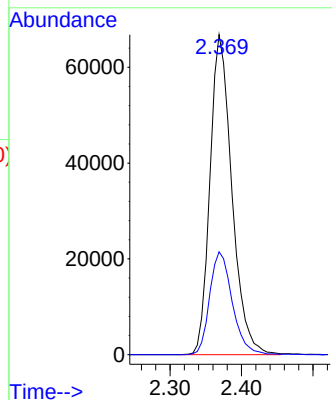
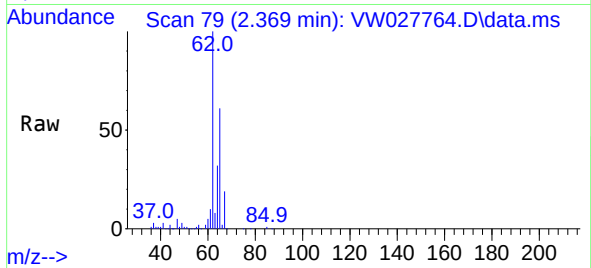




#5
 Vinyl chloride
 Concen: 23.538 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VW027764.D
 Acq: 19 Dec 2023 05:40

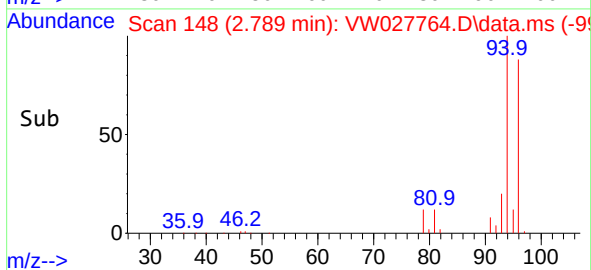
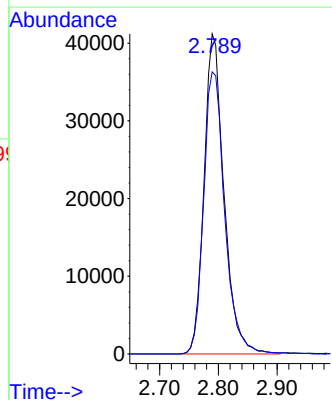
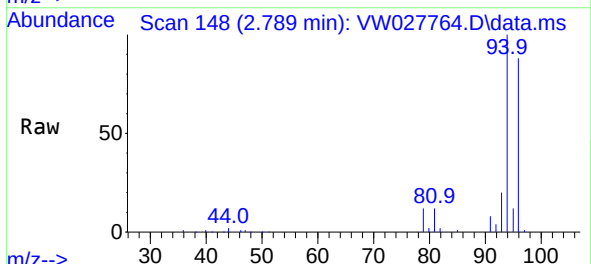
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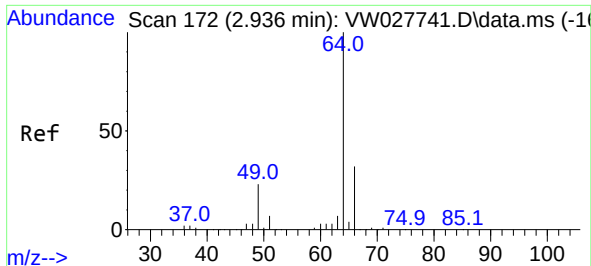
Tgt Ion: 62 Resp: 142255
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.2 41.2



#6
 Bromomethane
 Concen: 25.211 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW027764.D
 Acq: 19 Dec 2023 05:40

Tgt Ion: 94 Resp: 96982
 Ion Ratio Lower Upper
 94 100
 96 88.2 61.2 113.8

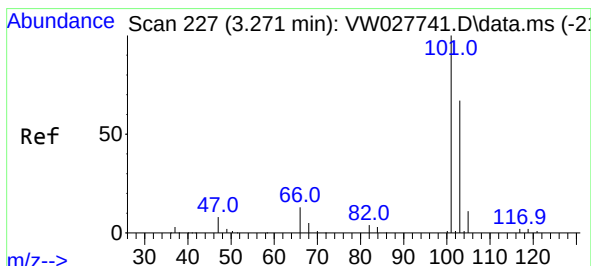
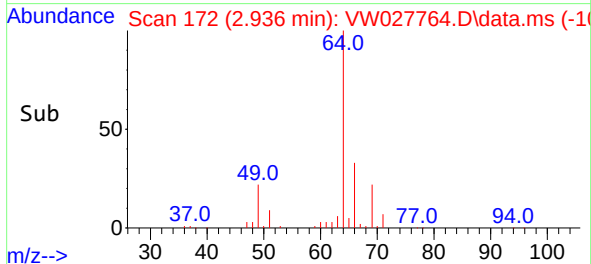
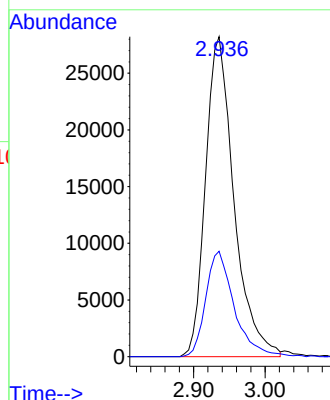
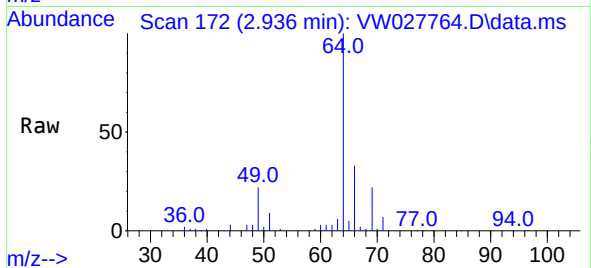




#8
Chloroethane
Concen: 21.555 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

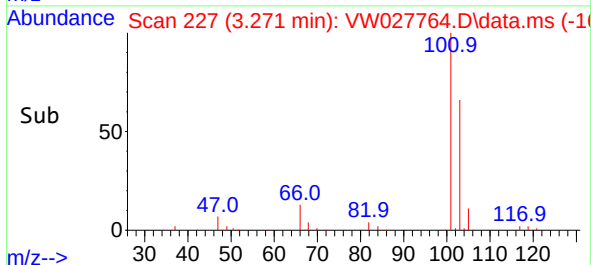
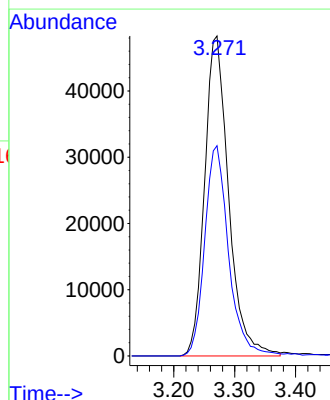
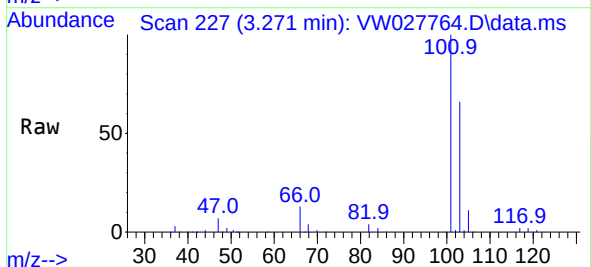
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MSVOA_W
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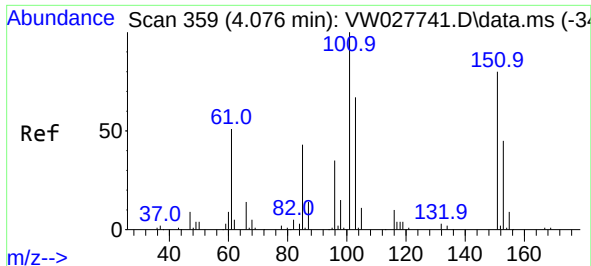
Tgt Ion: 64 Resp: 77888
Ion Ratio Lower Upper
64 100
66 33.0 22.6 42.0



#9
Trichlorofluoromethane
Concen: 24.243 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

Tgt Ion:101 Resp: 132329
Ion Ratio Lower Upper
101 100
103 65.3 51.1 76.7

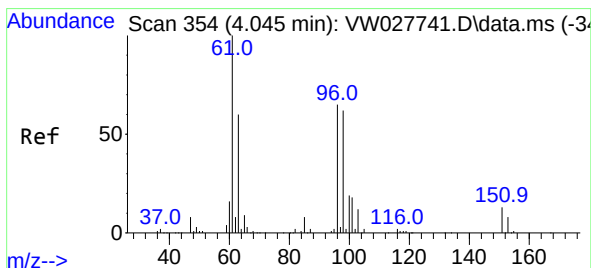
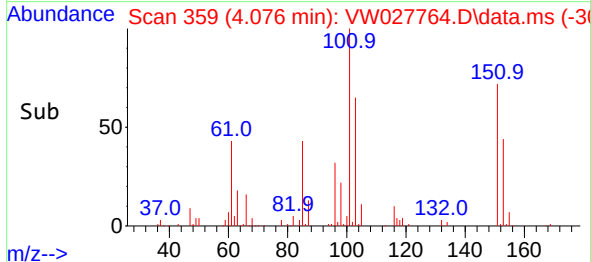
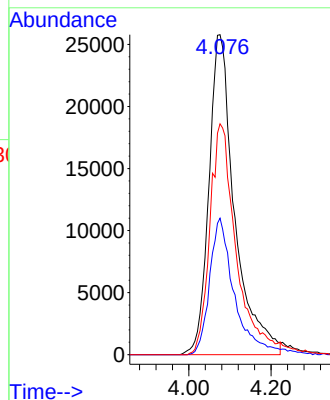
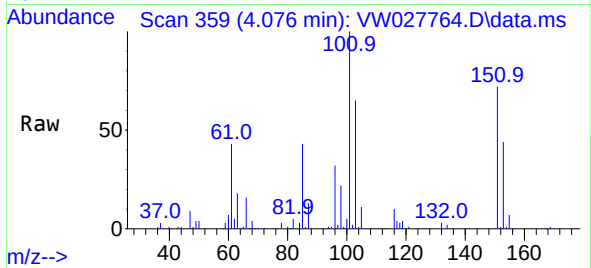




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.218 ug/L
 RT: 4.076 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW027764.D
 Acq: 19 Dec 2023 05:40

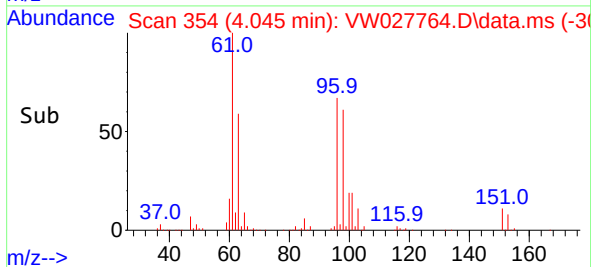
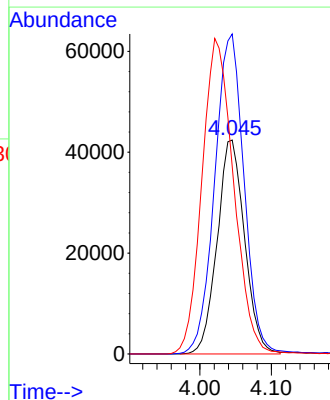
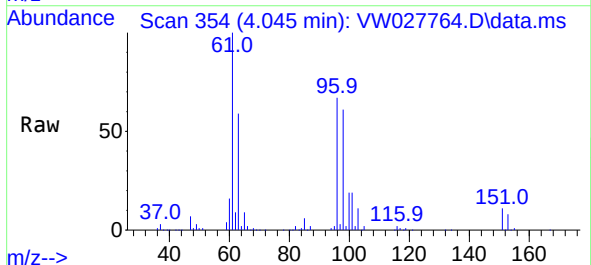
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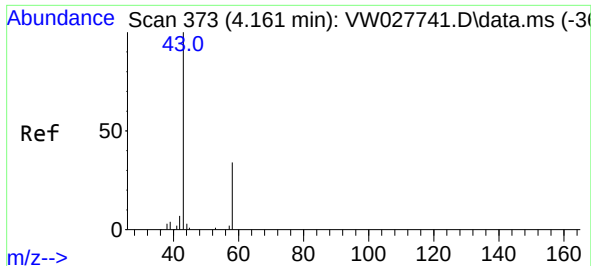
Tgt Ion:101 Resp: 112295
 Ion Ratio Lower Upper
 101 100
 85 39.7 33.0 49.4
 151 70.2 58.9 88.3



#12
 1,1-Dichloroethene
 Concen: 24.867 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW027764.D
 Acq: 19 Dec 2023 05:40

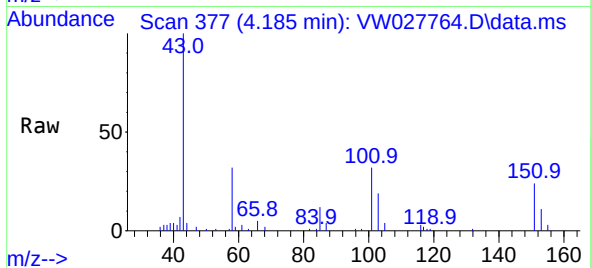
Tgt Ion: 96 Resp: 112870
 Ion Ratio Lower Upper
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 61 149.5 110.9 206.1
 63 87.7 73.6 136.6



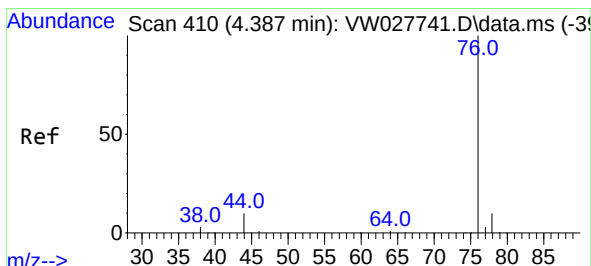
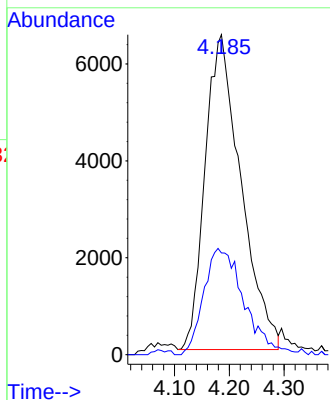
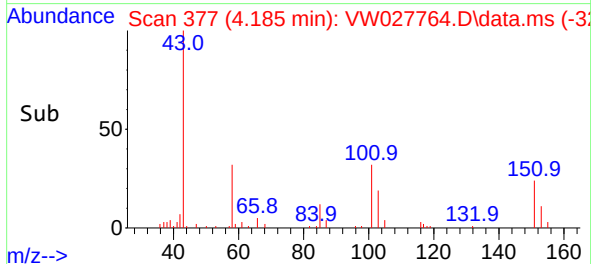


#13
Acetone
Concen: 36.359 ug/L
RT: 4.185 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

Instrument :
MSVOA_W
ClientSampleId :

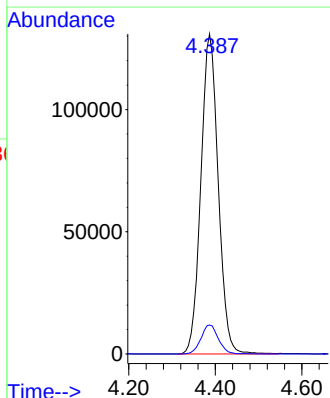
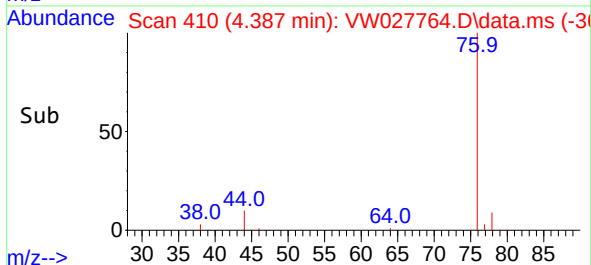
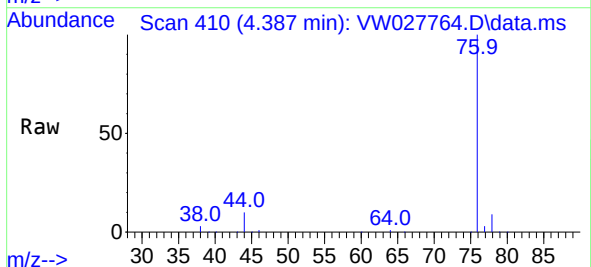


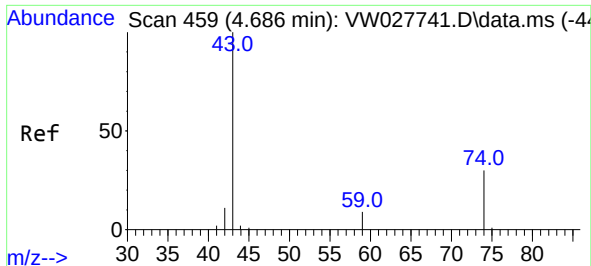
Tgt Ion: 43 Resp: 29495
Ion Ratio Lower Upper
43 100
58 34.5 0.0 68.6



#14
Carbon disulfide
Concen: 23.835 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.006 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

Tgt Ion: 76 Resp: 363448
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

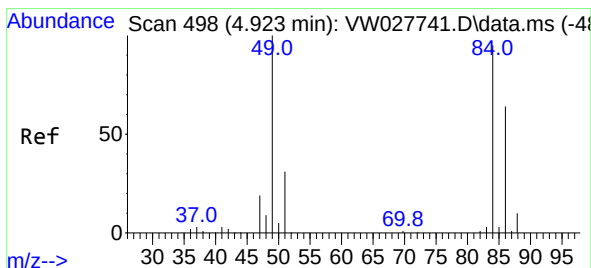
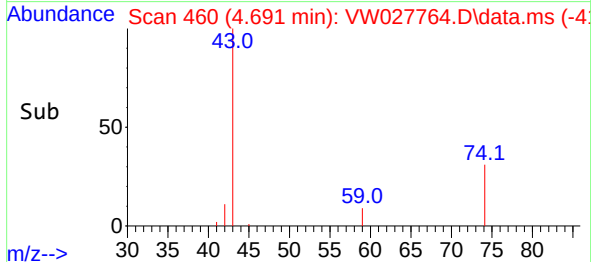
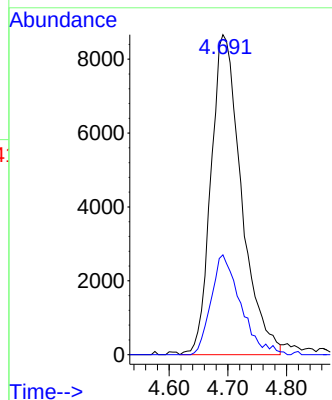
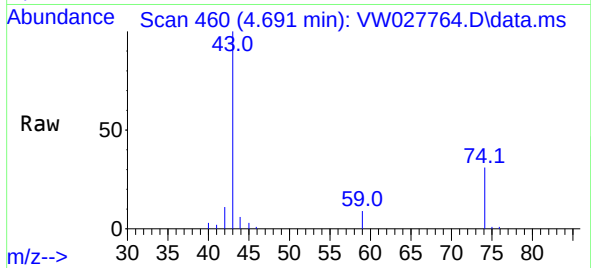




#15
Methyl Acetate
Concen: 21.251 ug/L
RT: 4.691 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

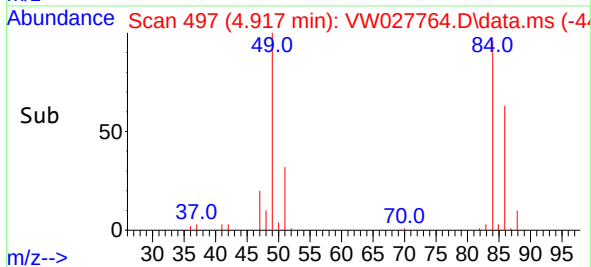
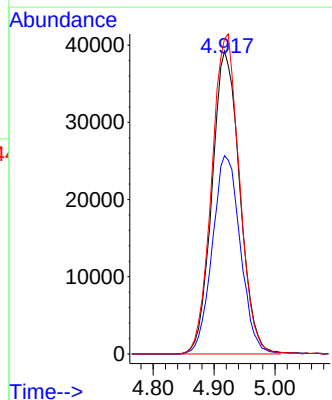
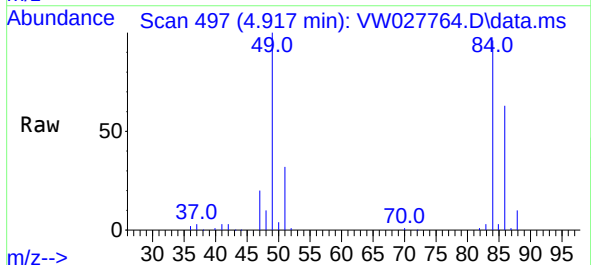
Instrument :
MSVOA_W
ClientSampleId :

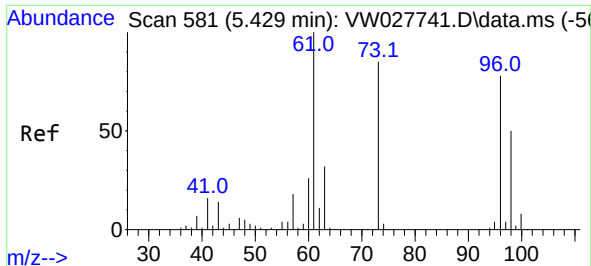
Tgt Ion: 43 Resp: 31145
Ion Ratio Lower Upper
43 100
74 29.2 22.1 33.1



#16
Methylene chloride
Concen: 21.351 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

Tgt Ion: 84 Resp: 124052
Ion Ratio Lower Upper
84 100
86 65.5 45.8 85.2
49 104.1 76.2 141.6

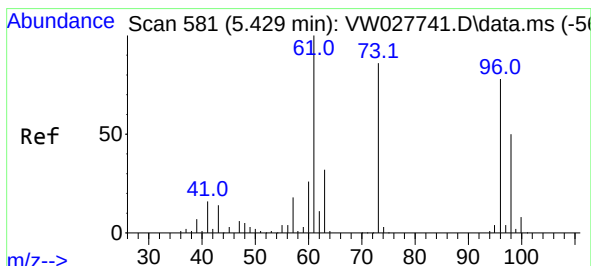
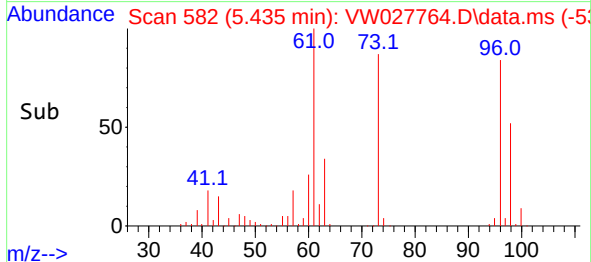
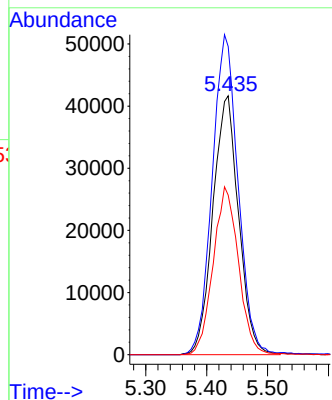
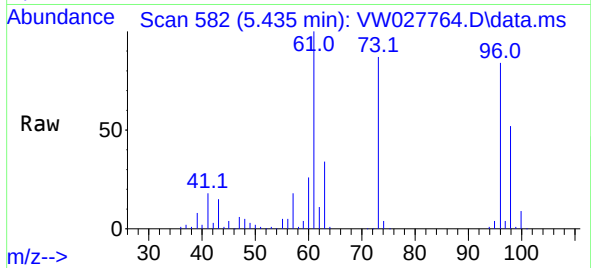




#17
trans-1,2-Dichloroethene
Concen: 25.436 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

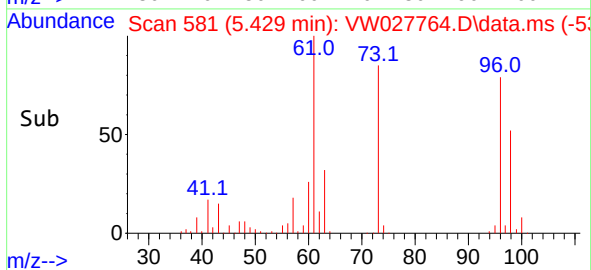
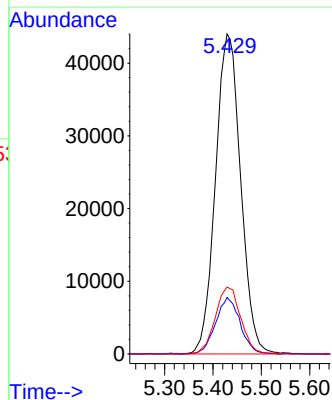
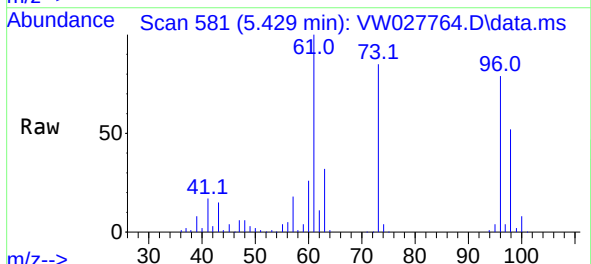
Instrument :
MSVOA_W
ClientSampleId :

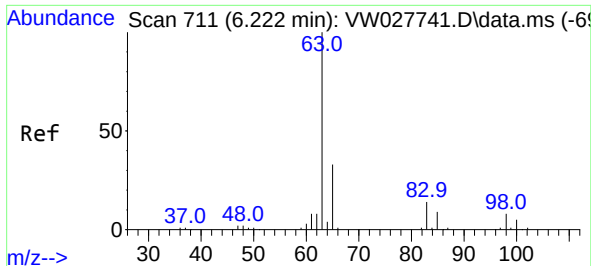
Tgt Ion: 96 Resp: 122083
Ion Ratio Lower Upper
96 100
61 119.0 88.5 164.3
98 61.6 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 25.080 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

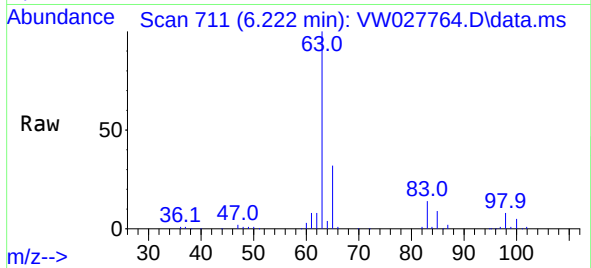
Tgt Ion: 73 Resp: 159155
Ion Ratio Lower Upper
73 100
43 17.2 13.5 20.3
57 21.0 17.4 26.0





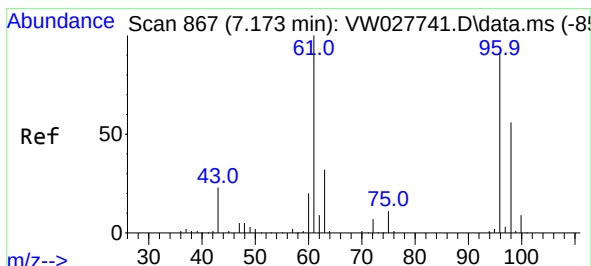
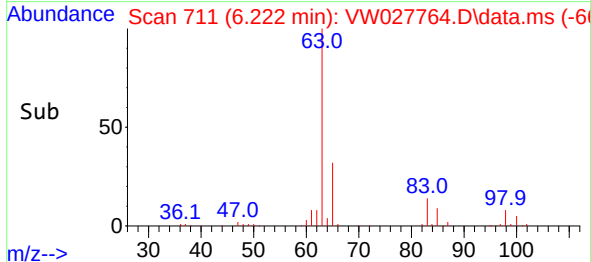
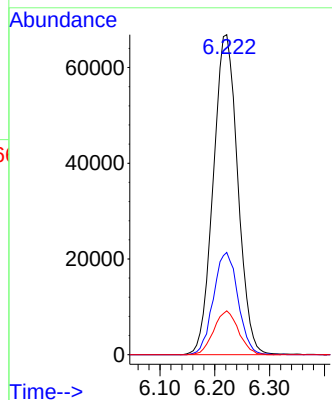
#19
 1,1-Dichloroethane
 Concen: 25.408 ug/L
 RT: 6.222 min Scan# 711
 Delta R.T. -0.000 min
 Lab File: VW027764.D
 Acq: 19 Dec 2023 05:40

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 63 Resp: 207378

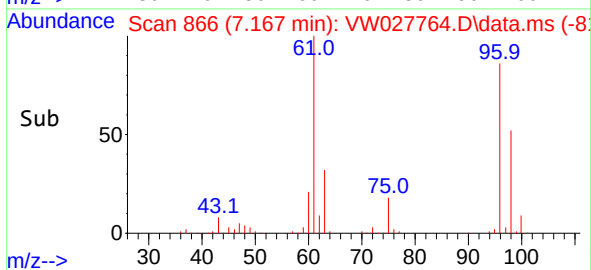
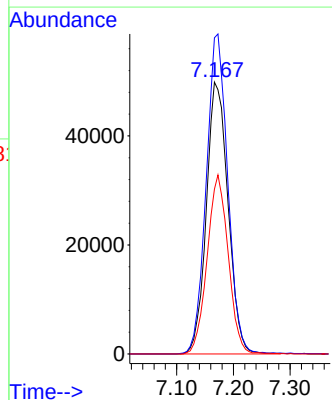
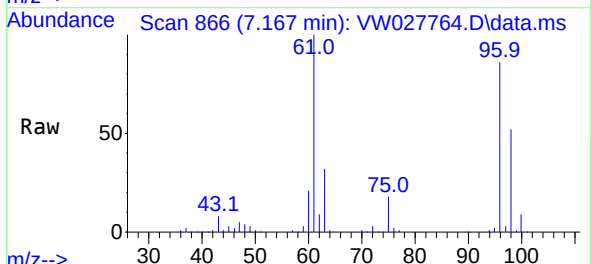
Ion	Ratio	Lower	Upper
63	100		
65	31.9	23.0	42.8
83	13.7	9.6	17.8

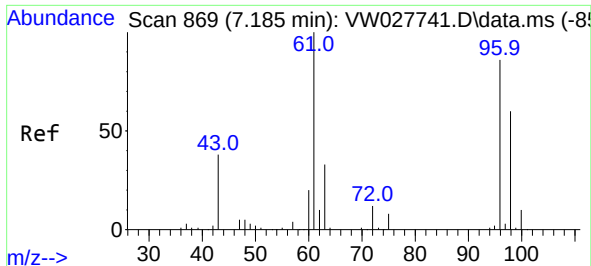


#20
 cis-1,2-Dichloroethene
 Concen: 26.295 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.000 min
 Lab File: VW027764.D
 Acq: 19 Dec 2023 05:40

Tgt Ion: 96 Resp: 132856

Ion	Ratio	Lower	Upper
96	100		
61	116.3	83.5	155.1
98	60.6	46.5	86.5

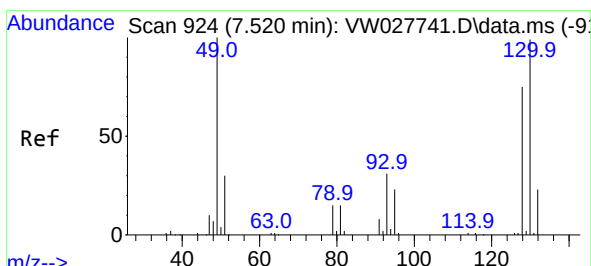
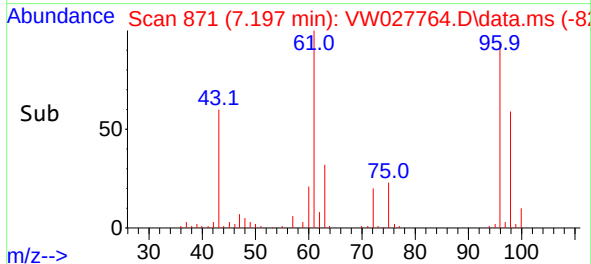
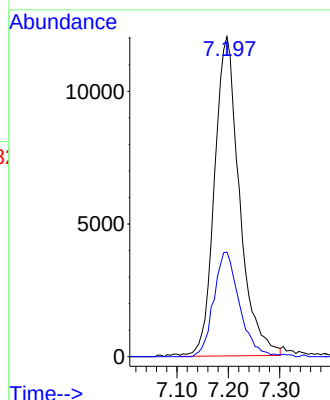
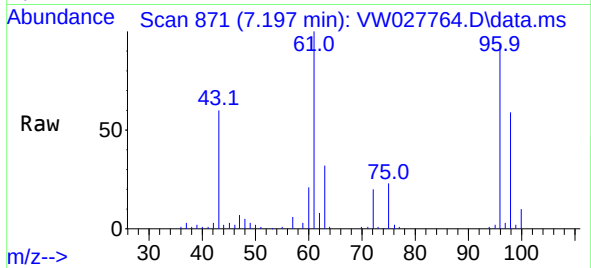




#22
2-Butanone
Concen: 37.850 ug/L
RT: 7.197 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

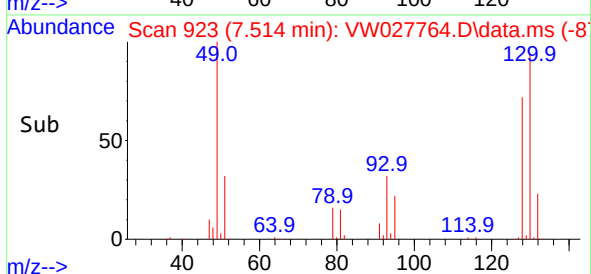
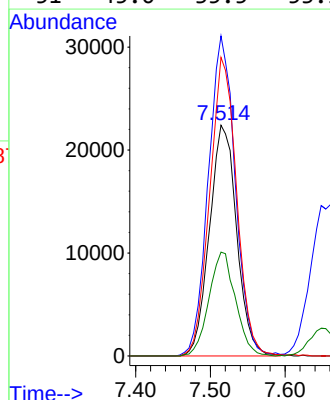
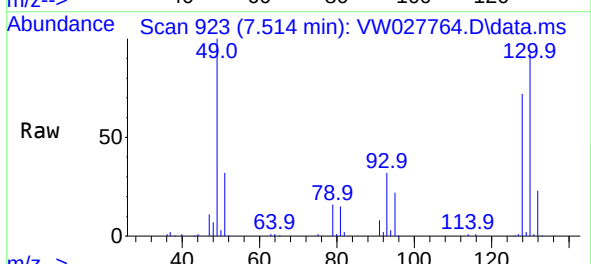
Instrument :
MSVOA_W
ClientSampleId :

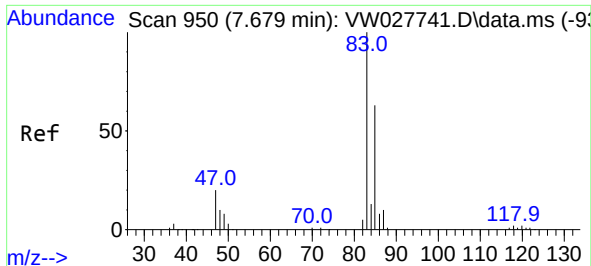
Tgt Ion: 43 Resp: 40774
Ion Ratio Lower Upper
43 100
72 33.4 16.1 48.2



#23
Bromochloromethane
Concen: 26.610 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

Tgt Ion: 128 Resp: 56773
Ion Ratio Lower Upper
128 100
49 138.7 94.1 174.7
130 129.4 86.2 160.0
51 45.0 35.5 53.3





#25

Chloroform

Concen: 26.257 ug/L

RT: 7.679 min Scan# 910

Delta R.T. 0.006 min

Lab File: VW027764.D

Acq: 19 Dec 2023 05:40

Instrument :

MSVOA_W

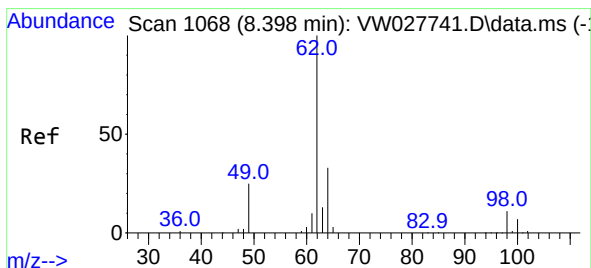
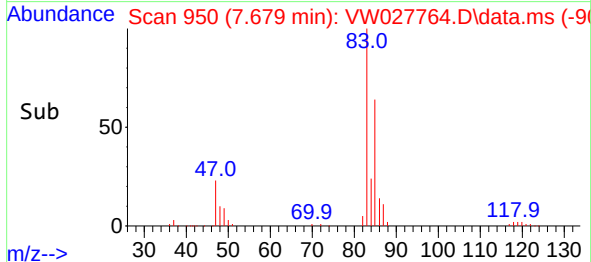
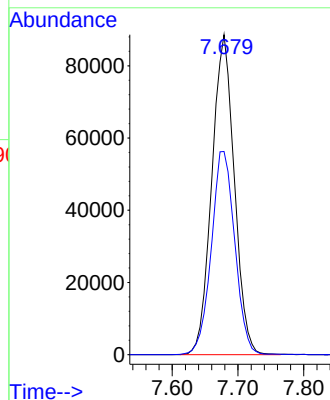
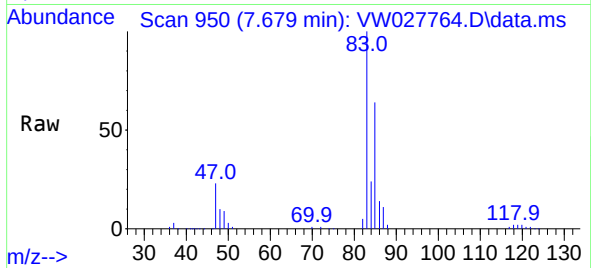
ClientSampleId :

Tgt Ion: 83 Resp: 211054

Ion Ratio Lower Upper

83 100

85 63.5 46.9 87.1



#27

1,2-Dichloroethane

Concen: 25.510 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW027764.D

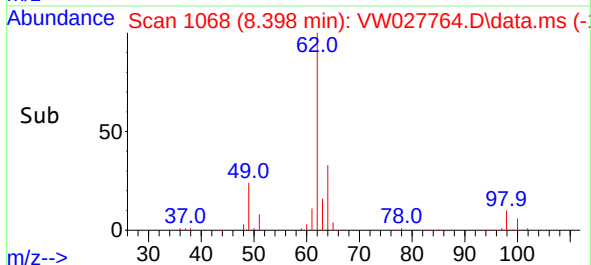
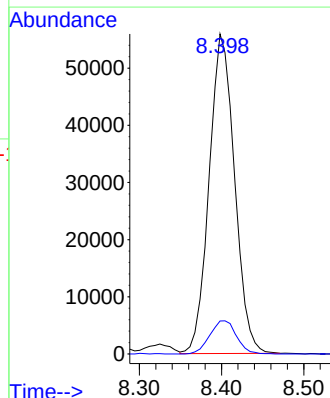
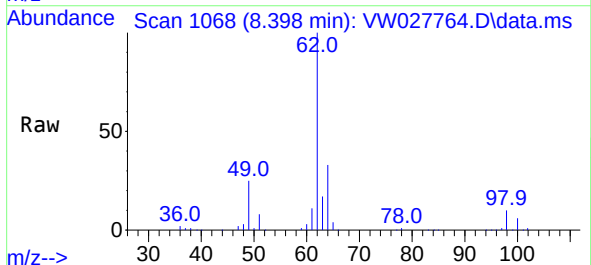
Acq: 19 Dec 2023 05:40

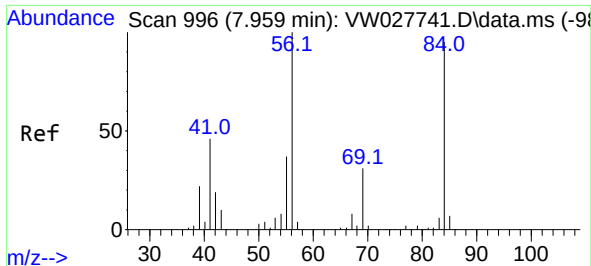
Tgt Ion: 62 Resp: 120217

Ion Ratio Lower Upper

62 100

98 10.3 8.1 12.1





#29

Cyclohexane

Concen: 22.607 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW027764.D

Acq: 19 Dec 2023 05:40

Instrument :

MSVOA_W

ClientSampleId :

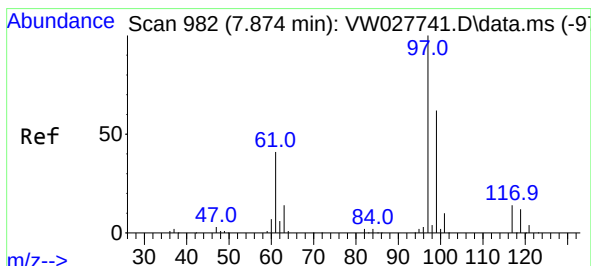
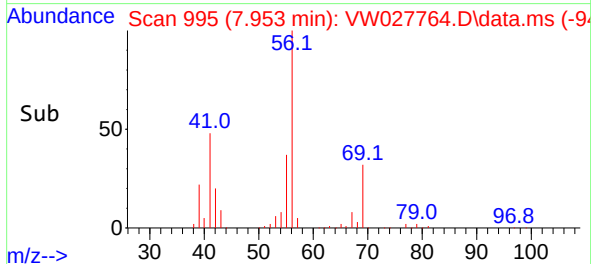
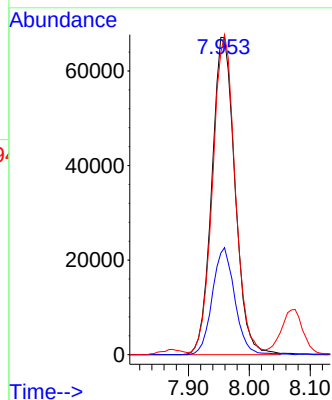
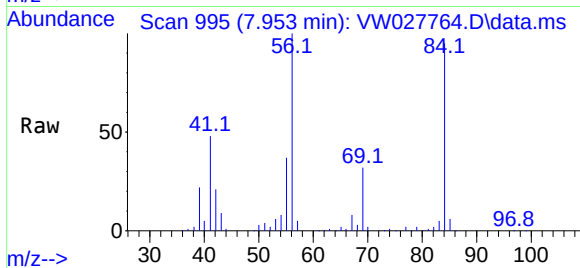
Tgt Ion: 56 Resp: 177345

Ion Ratio Lower Upper

56 100

69 32.6 25.7 38.5

84 98.5 75.6 113.4



#30

1,1,1-Trichloroethane

Concen: 25.517 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW027764.D

Acq: 19 Dec 2023 05:40

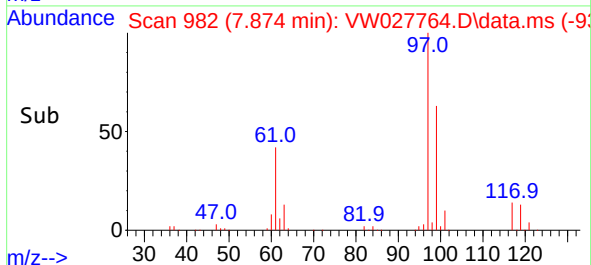
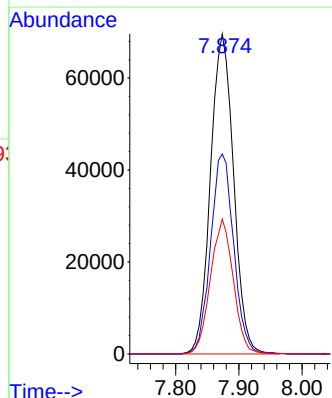
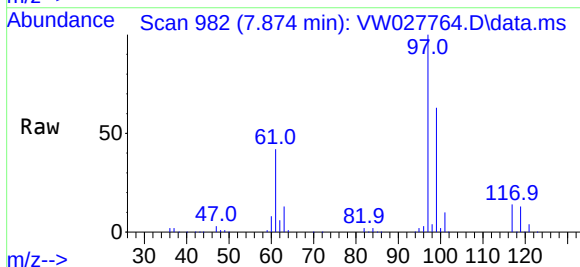
Tgt Ion: 97 Resp: 176719

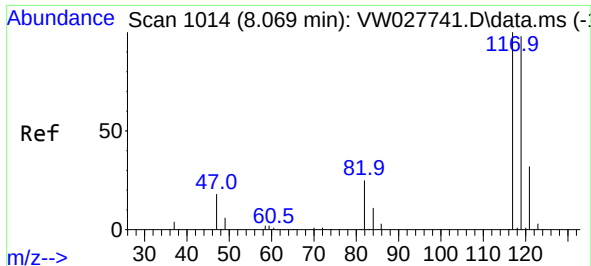
Ion Ratio Lower Upper

97 100

99 62.5 51.1 76.7

61 41.8 34.2 51.4

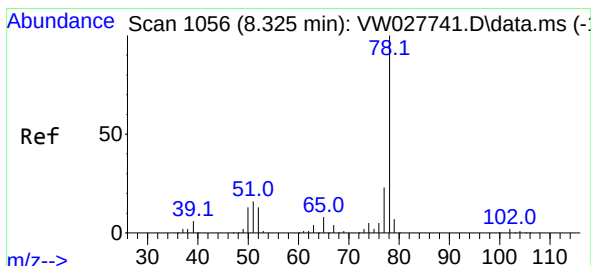
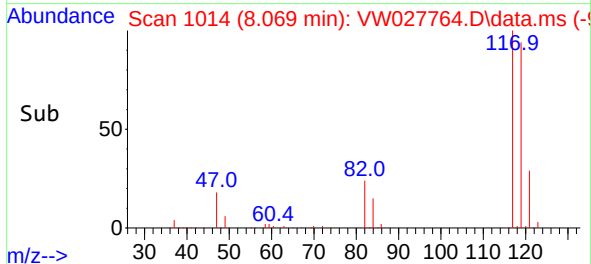
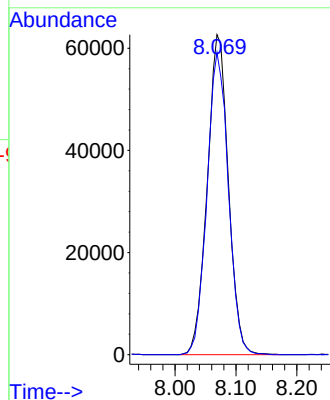
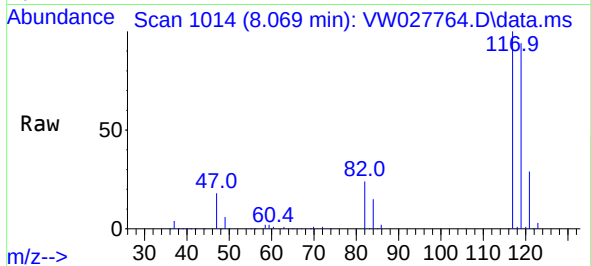




#31
Carbon tetrachloride
Concen: 24.784 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

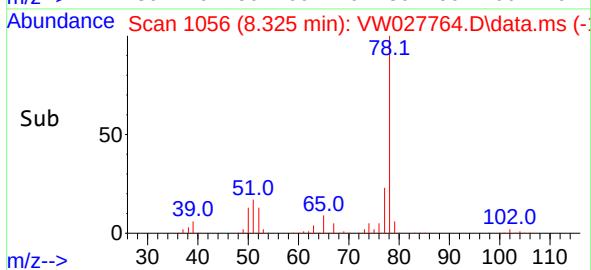
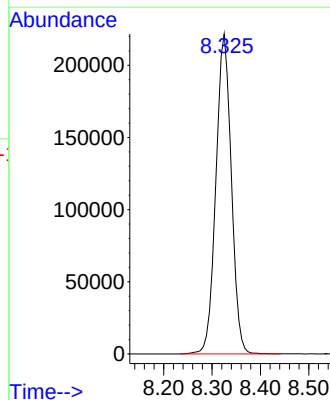
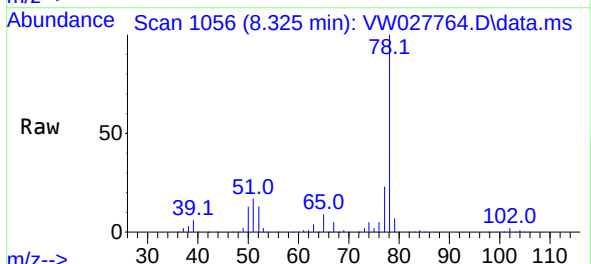
Instrument :
MSVOA_W
ClientSampleId :

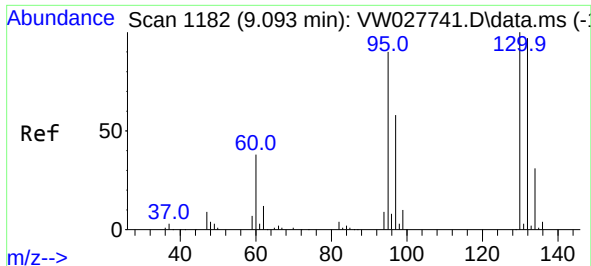
Tgt Ion:117 Resp: 151054
Ion Ratio Lower Upper
117 100
119 95.5 74.6 112.0



#33
Benzene
Concen: 25.541 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

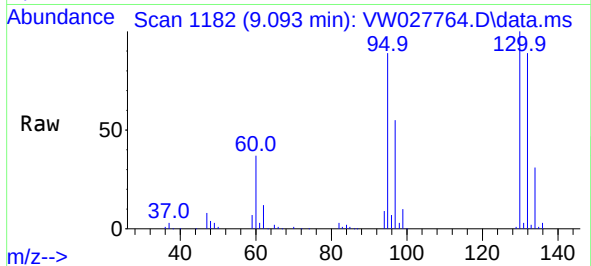
Tgt Ion: 78 Resp: 490896



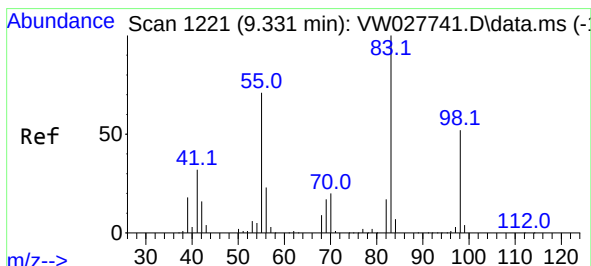
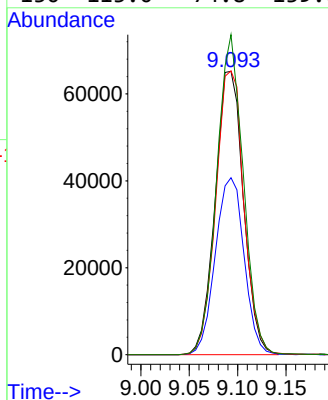
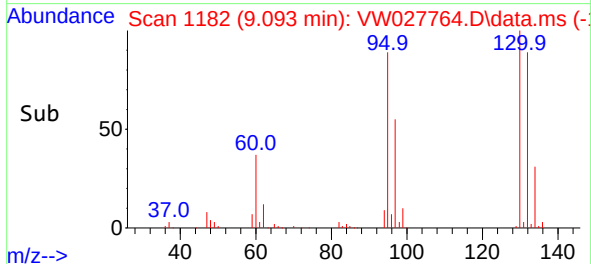


#34
Trichloroethene
Concen: 25.246 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

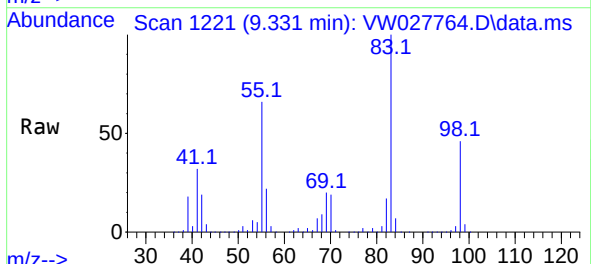
Instrument :
MSVOA_W
ClientSampleId :



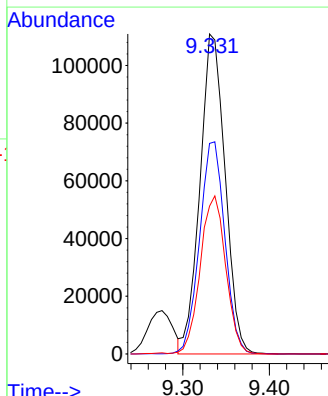
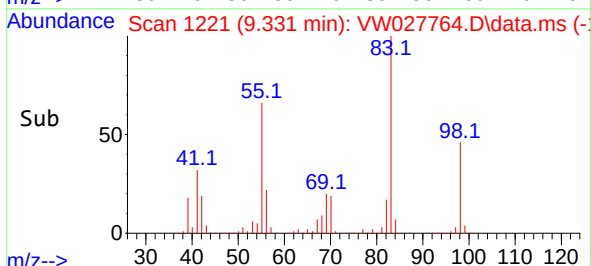
Tgt Ion: 95 Resp: 132262
Ion Ratio Lower Upper
95 100
97 62.5 45.9 85.3
132 100.2 70.4 130.8
130 113.0 74.8 139.0

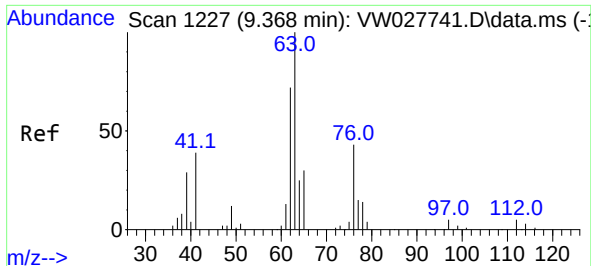


#35
Methylcyclohexane
Concen: 23.731 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40



Tgt Ion: 83 Resp: 224234
Ion Ratio Lower Upper
83 100
55 66.5 55.1 82.7
98 50.0 39.3 58.9





#37

1,2-Dichloropropane

Concen: 24.918 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027764.D

Acq: 19 Dec 2023 05:40

Instrument :

MSVOA_W

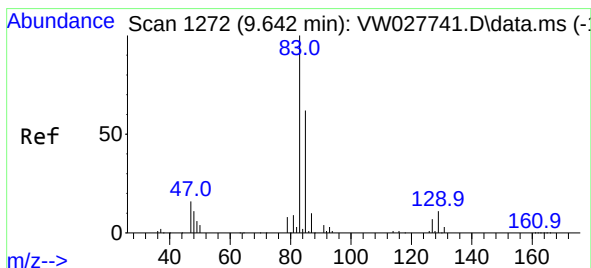
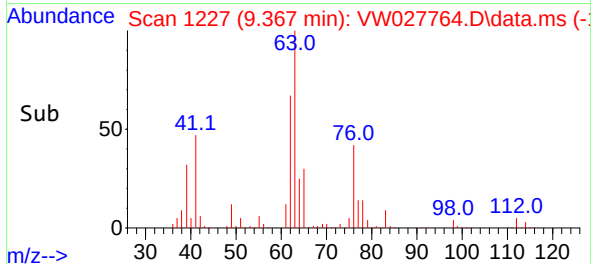
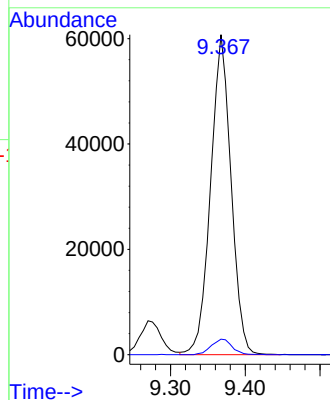
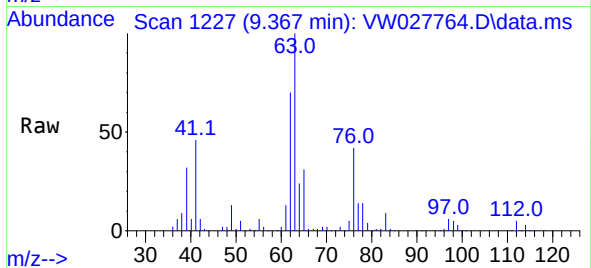
ClientSampleId :

Tgt Ion: 63 Resp: 115607

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 25.113 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027764.D

Acq: 19 Dec 2023 05:40

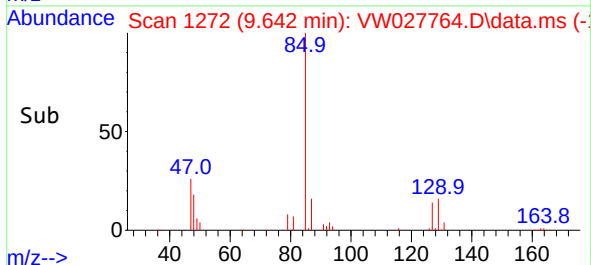
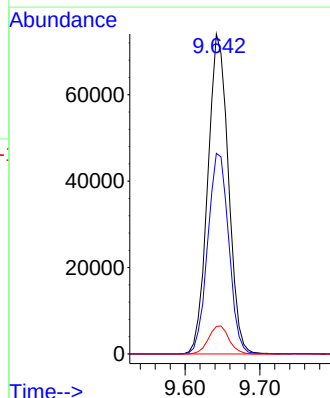
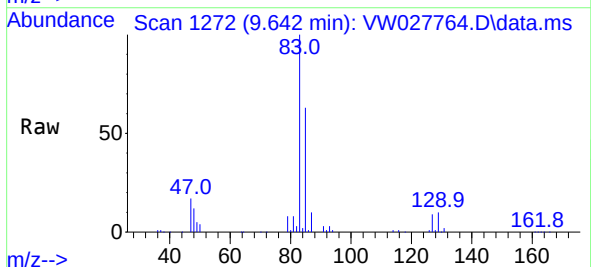
Tgt Ion: 83 Resp: 141615

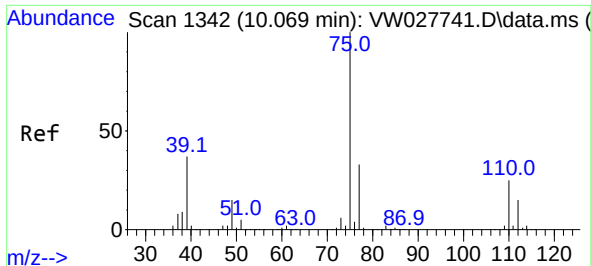
Ion Ratio Lower Upper

83 100

85 62.7 45.3 84.1

127 8.6 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 24.345 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW027764.D

Acq: 19 Dec 2023 05:40

Instrument :

MSVOA_W

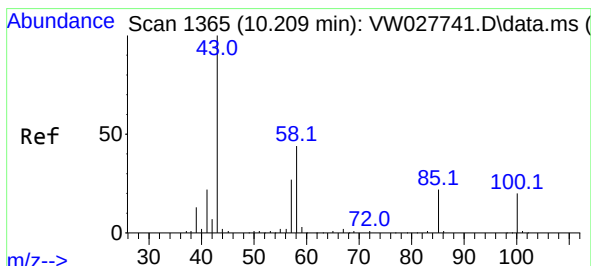
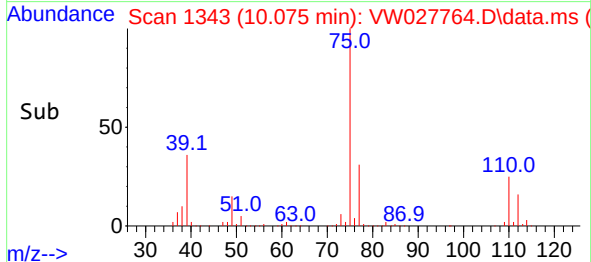
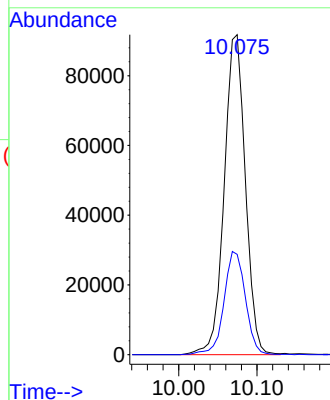
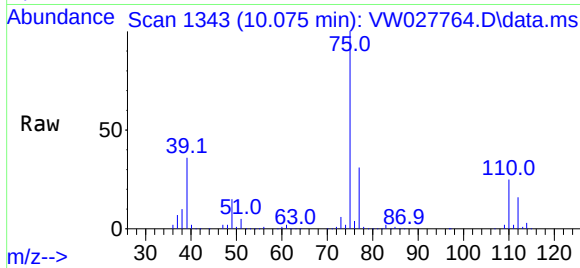
ClientSampleId :

Tgt Ion: 75 Resp: 172156

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 42.594 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027764.D

Acq: 19 Dec 2023 05:40

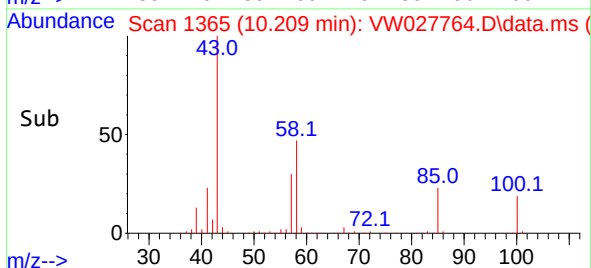
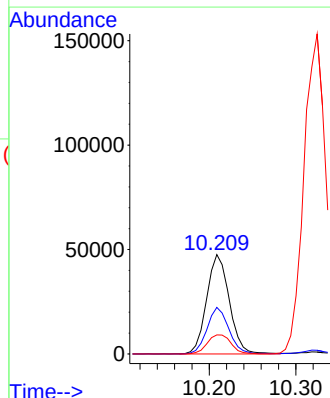
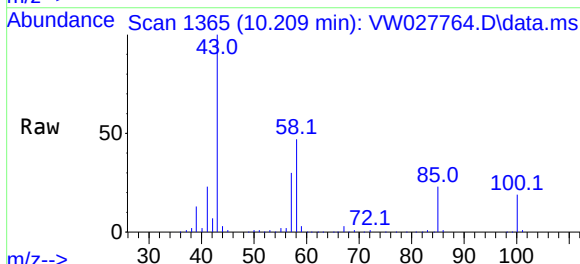
Tgt Ion: 43 Resp: 86371

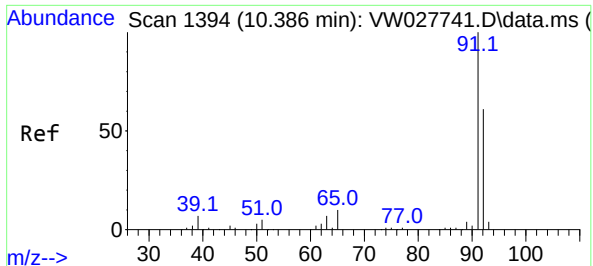
Ion Ratio Lower Upper

43 100

58 45.0 36.1 54.1

100 20.3 15.8 23.8





#42

Toluene

Concen: 26.149 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW027764.D

Acq: 19 Dec 2023 05:40

Instrument :

MSVOA_W

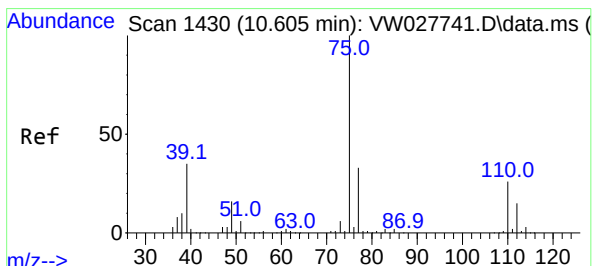
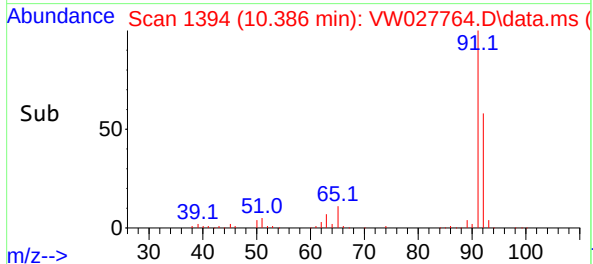
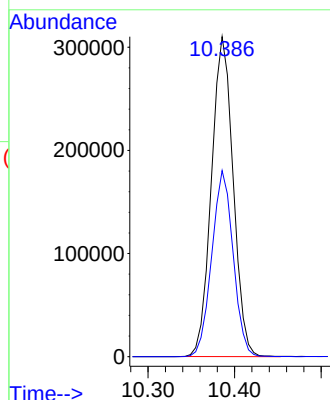
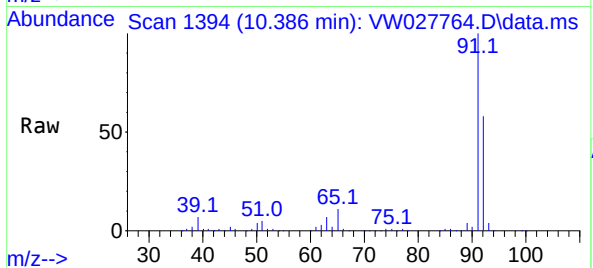
ClientSampleId :

Tgt Ion: 91 Resp: 540755

Ion Ratio Lower Upper

91 100

92 58.1 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 24.309 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027764.D

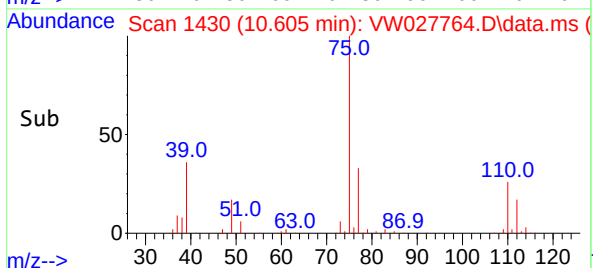
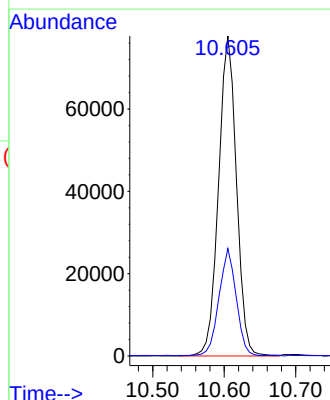
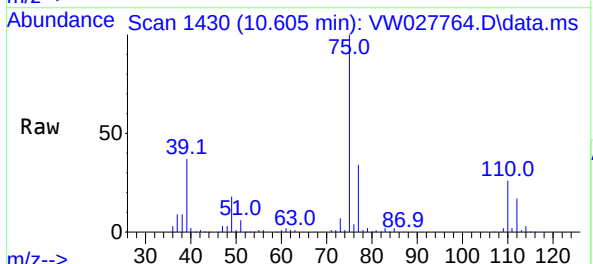
Acq: 19 Dec 2023 05:40

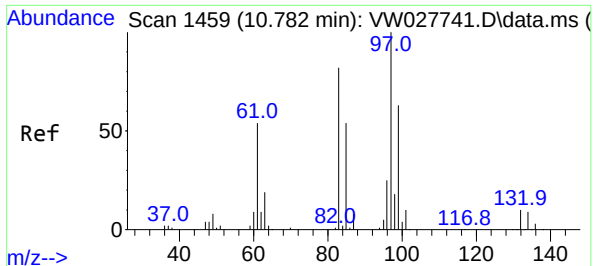
Tgt Ion: 75 Resp: 135371

Ion Ratio Lower Upper

75 100

77 33.5 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 24.433 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW027764.D

Acq: 19 Dec 2023 05:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 83923

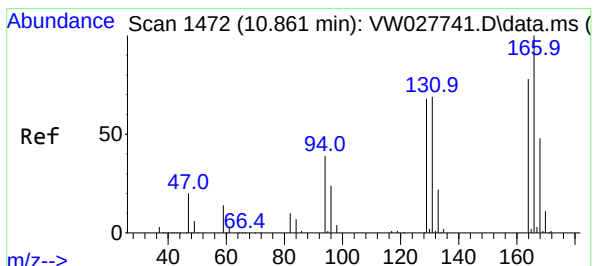
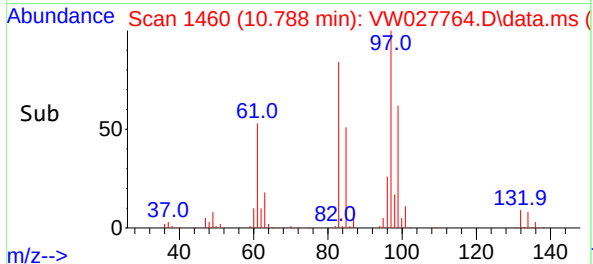
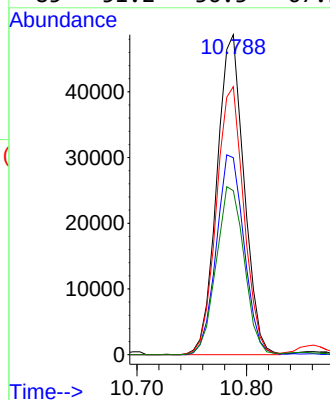
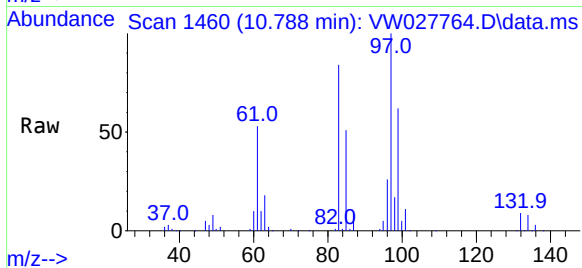
Ion Ratio Lower Upper

97 100

99 61.5 43.4 80.6

83 83.8 59.0 109.6

85 51.2 36.3 67.5



#46

Tetrachloroethene

Concen: 25.360 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027764.D

Acq: 19 Dec 2023 05:40

Tgt Ion:164 Resp: 106091

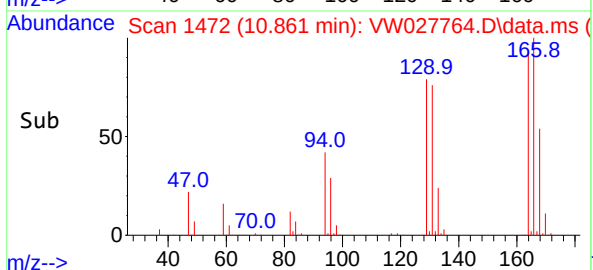
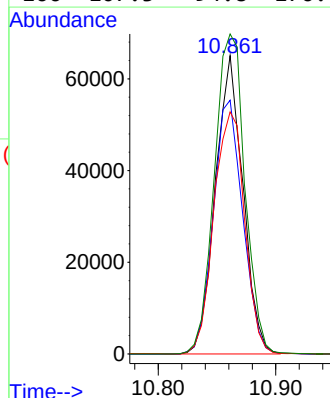
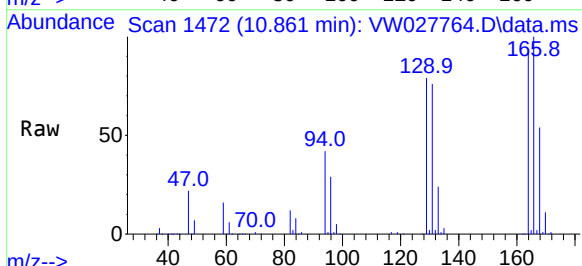
Ion Ratio Lower Upper

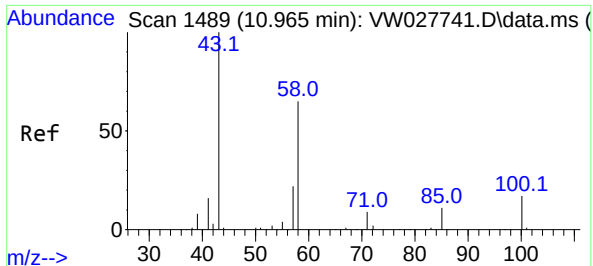
164 100

129 85.1 70.5 130.9

131 81.1 64.8 120.3

166 107.3 94.8 176.0

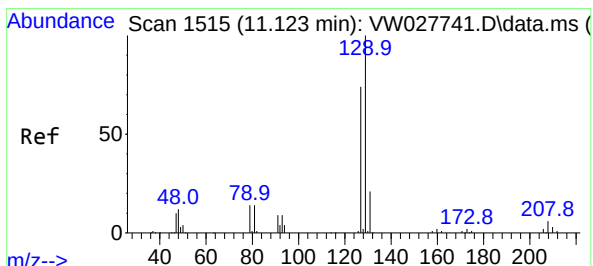
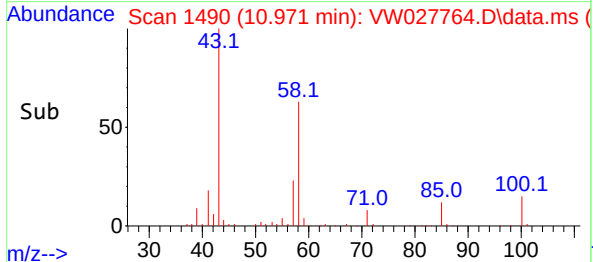
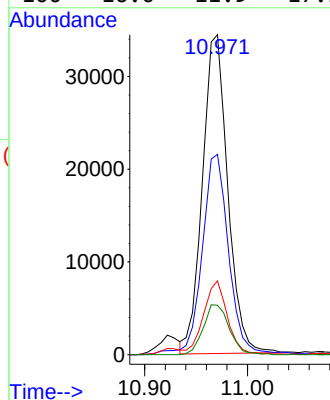
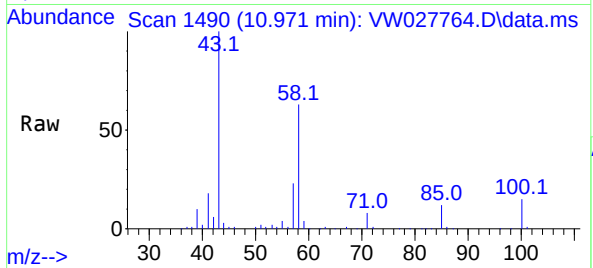




#48
2-Hexanone
Concen: 39.110 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

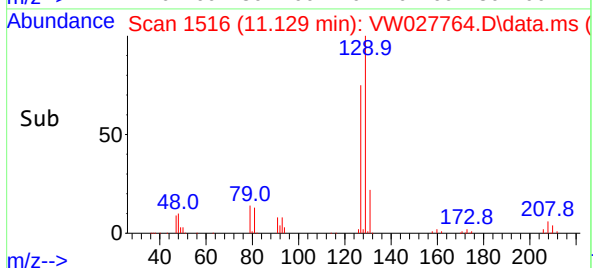
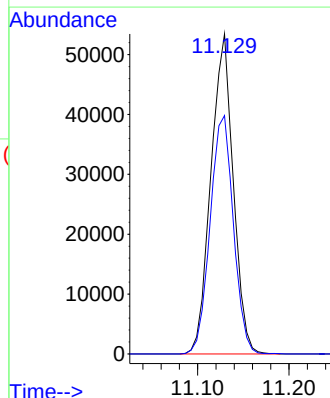
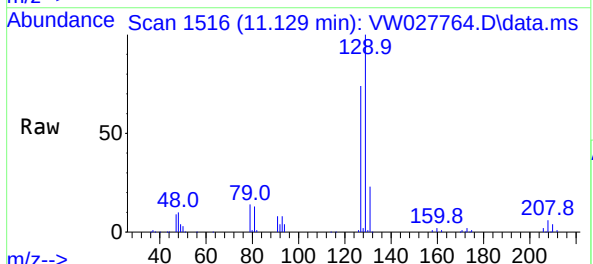
Instrument :
MSVOA_W
ClientSampleId :

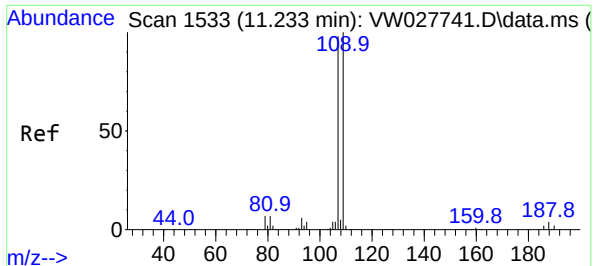
Tgt Ion: 43 Resp: 59029
Ion Ratio Lower Upper
43 100
58 62.2 50.4 75.6
57 21.8 17.0 25.6
100 16.0 11.9 17.9



#49
Dibromochloromethane
Concen: 25.226 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

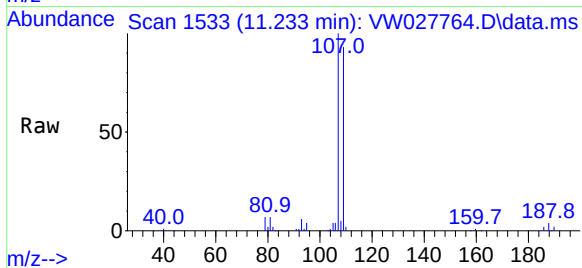
Tgt Ion:129 Resp: 90624
Ion Ratio Lower Upper
129 100
127 74.5 55.4 102.8



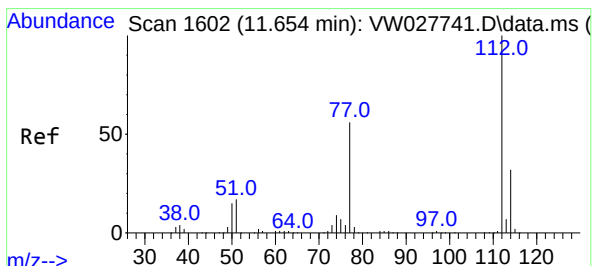
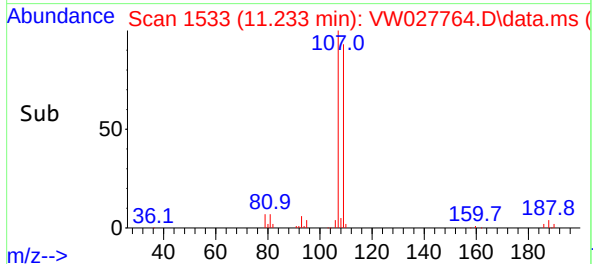
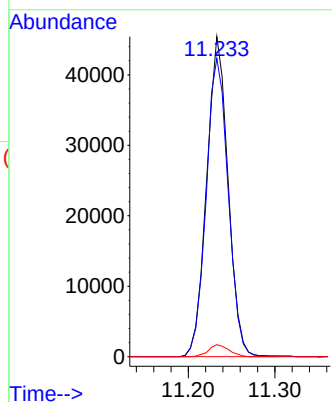


#50
1,2-Dibromoethane
Concen: 23.905 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

Instrument :
MSVOA_W
ClientSampleId :

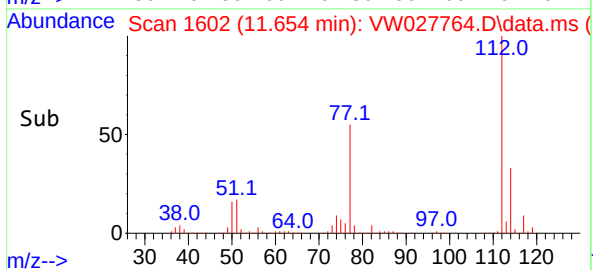
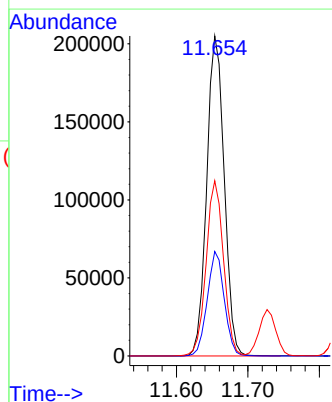
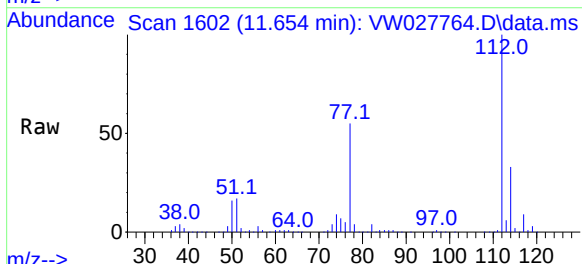


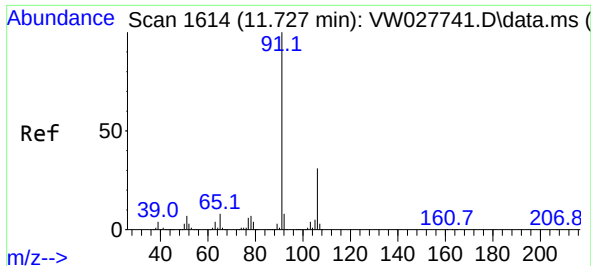
Tgt Ion:107 Resp: 78032
Ion Ratio Lower Upper
107 100
109 93.2 72.1 133.9
188 3.8 3.0 4.4



#51
Chlorobenzene
Concen: 26.373 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

Tgt Ion:112 Resp: 348443
Ion Ratio Lower Upper
112 100
114 32.7 25.0 46.4
77 54.7 48.1 72.1

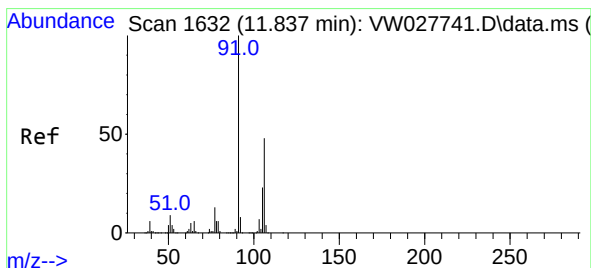
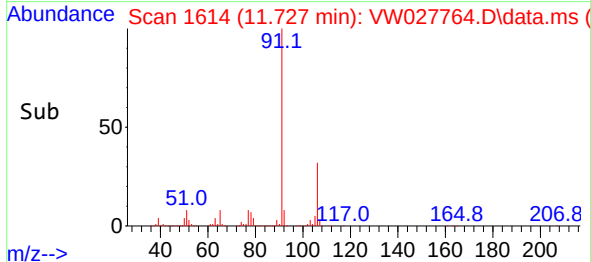
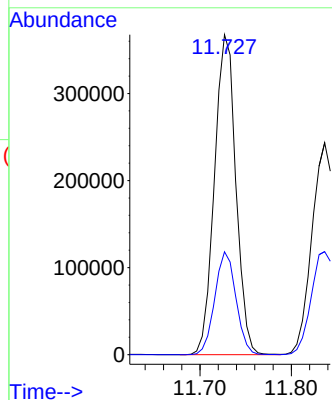
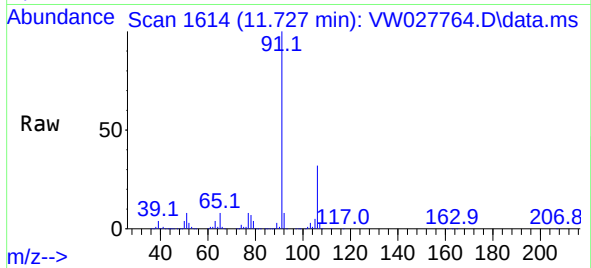




#52
Ethylbenzene
Concen: 25.698 ug/L
RT: 11.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

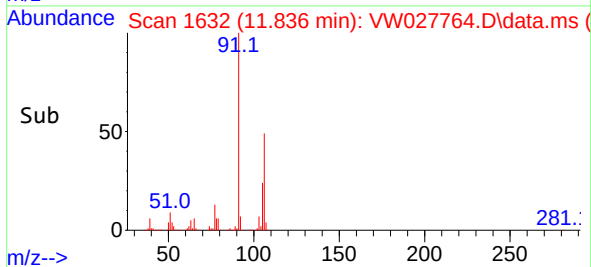
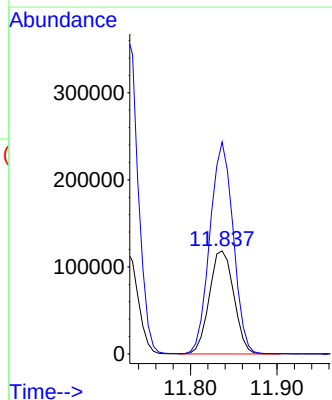
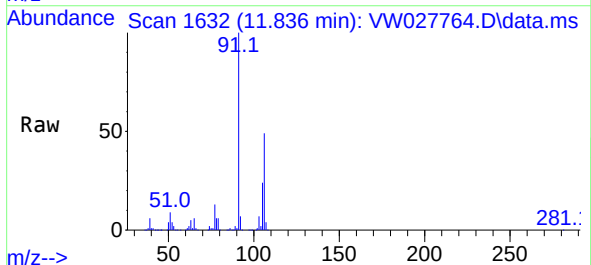
Instrument :
MSVOA_W
ClientSampleId :

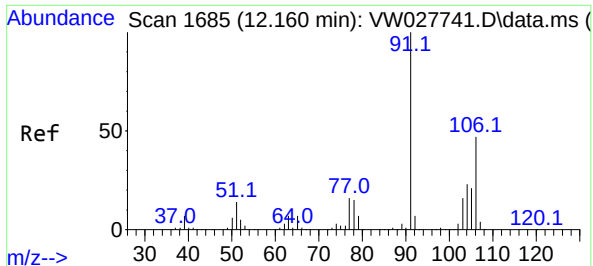
Tgt Ion: 91 Resp: 598841
Ion Ratio Lower Upper
91 100
106 32.2 23.7 44.1



#53
m,p-Xylene
Concen: 26.042 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

Tgt Ion:106 Resp: 233099
Ion Ratio Lower Upper
106 100
91 205.9 135.7 251.9

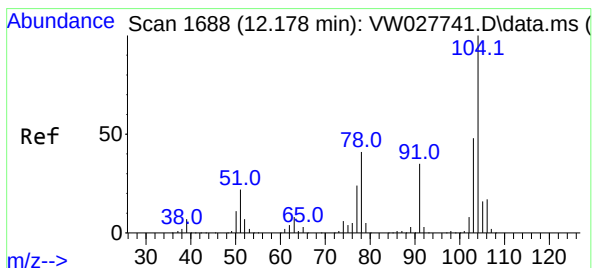
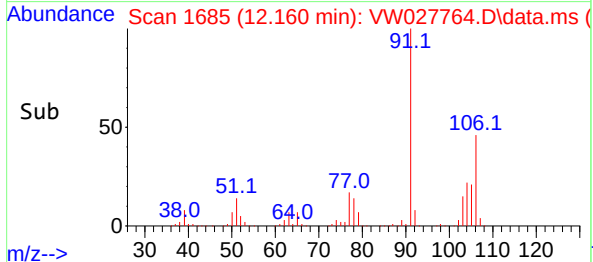
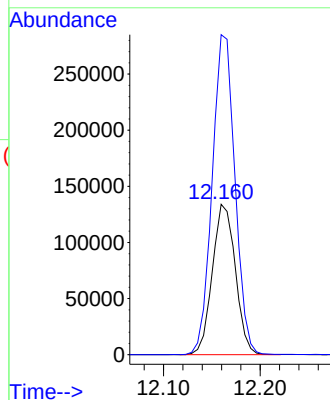
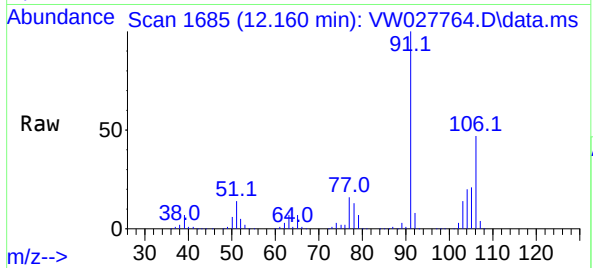




#54
o-Xylene
Concen: 26.559 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

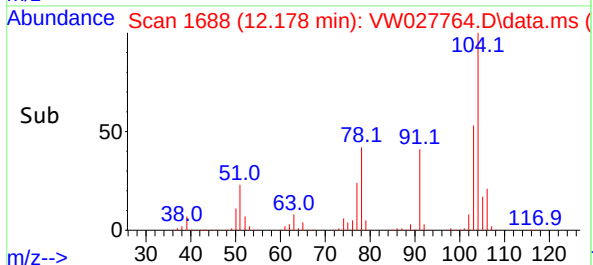
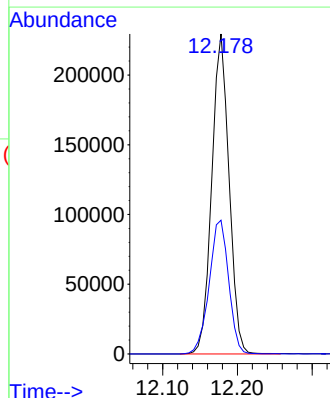
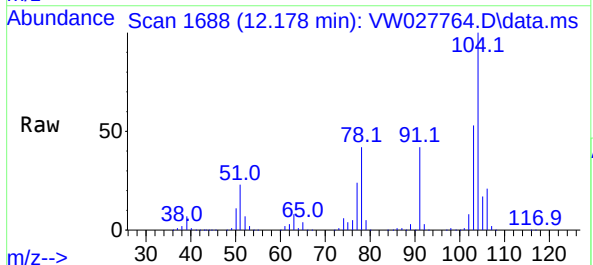
Instrument :
MSVOA_W
ClientSampleId :

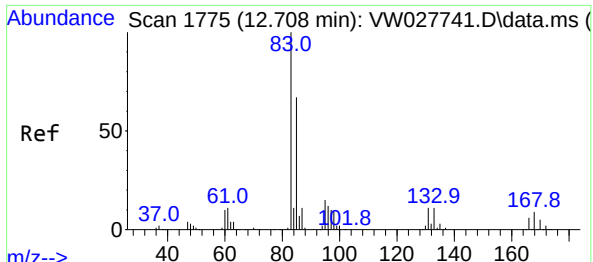
Tgt Ion:106 Resp: 221363
Ion Ratio Lower Upper
106 100
91 212.9 149.9 278.3



#55
Styrene
Concen: 26.235 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

Tgt Ion:104 Resp: 368614
Ion Ratio Lower Upper
104 100
78 41.8 29.6 55.0

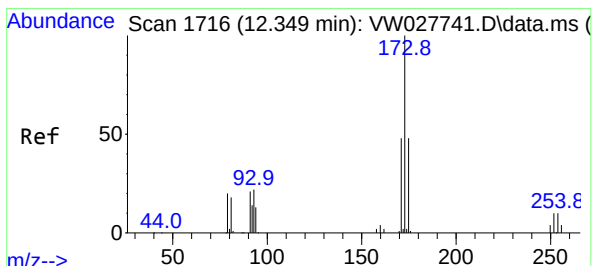
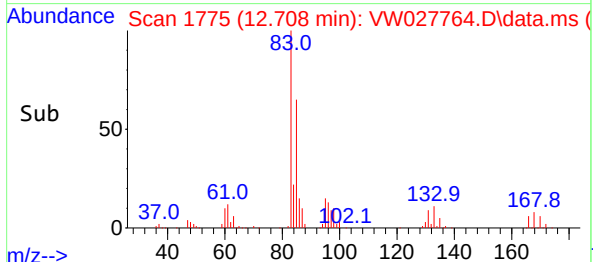
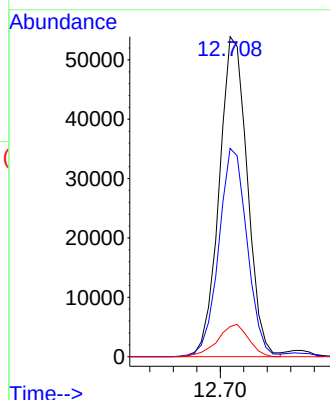
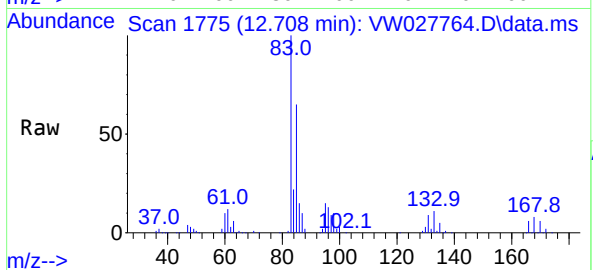




#57
1,1,2,2-Tetrachloroethane
Concen: 22.860 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

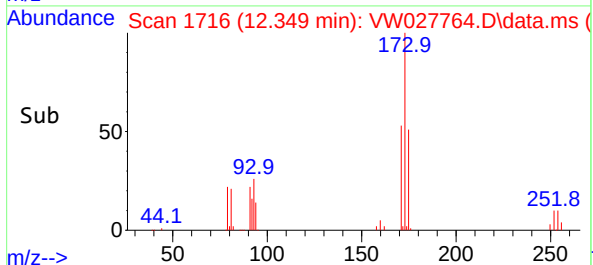
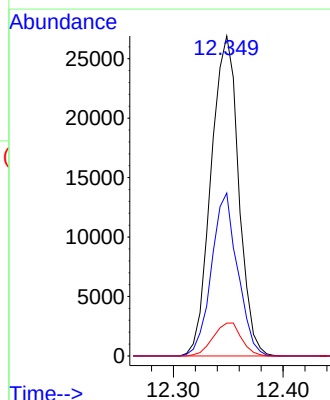
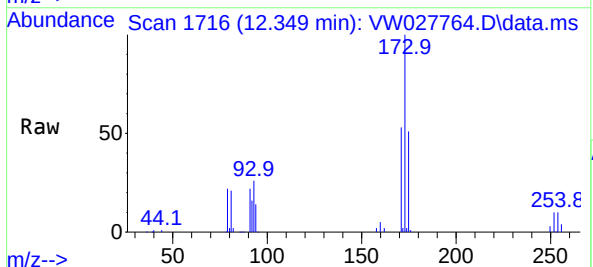
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	83	Resp:	89508
Ion	Ratio	Lower	Upper
83	100		
85	65.1	45.8	85.2
131	9.4	7.0	10.6

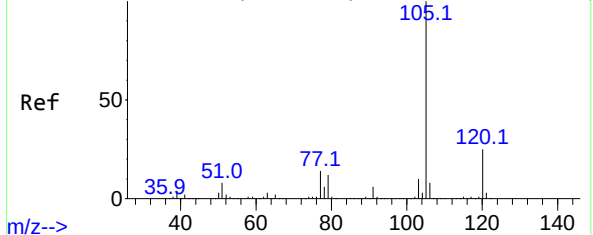


#59
Bromoform
Concen: 22.467 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

Tgt Ion:	173	Resp:	47037
Ion	Ratio	Lower	Upper
173	100		
175	48.2	36.3	54.5
254	10.6	7.5	11.3



Abundance Scan 1734 (12.459 min): VW027741.D\data.ms (



#60

Isopropylbenzene

Concen: 24.875 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027764.D

Acq: 19 Dec 2023 05:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:105 Resp: 600450

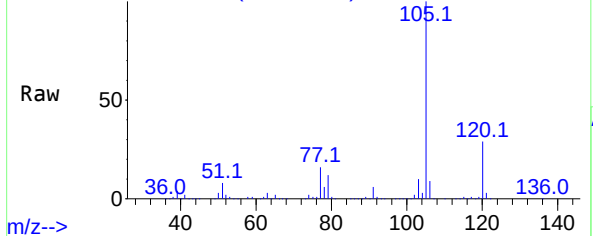
Ion Ratio Lower Upper

105 100

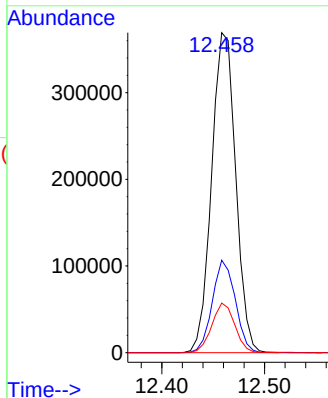
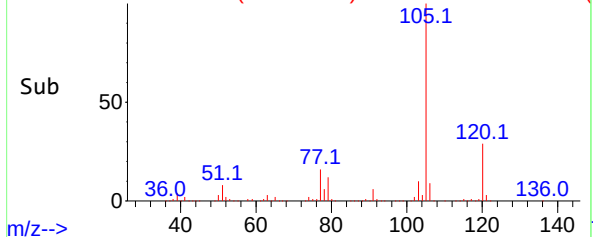
120 27.6 21.0 31.4

77 14.8 12.0 18.0

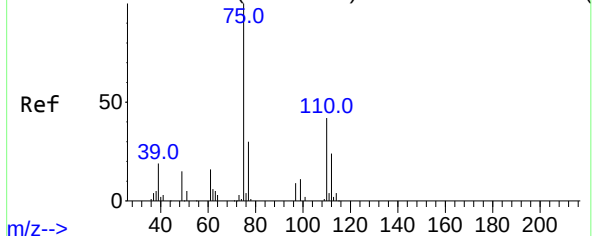
Abundance Scan 1734 (12.458 min): VW027764.D\data.ms



Abundance Scan 1734 (12.458 min): VW027764.D\data.ms (



Abundance Scan 1784 (12.763 min): VW027741.D\data.ms (



#61

1,2,3-Trichloropropane

Concen: 21.920 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW027764.D

Acq: 19 Dec 2023 05:40

Tgt Ion: 75 Resp: 62485

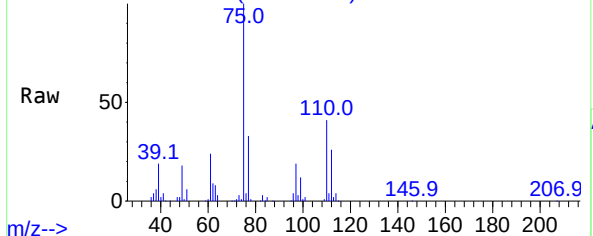
Ion Ratio Lower Upper

75 100

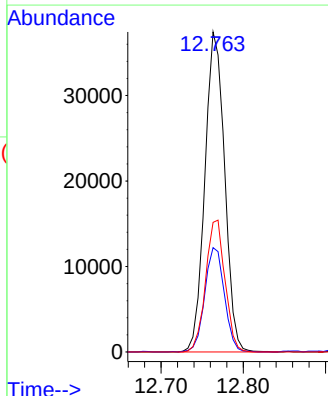
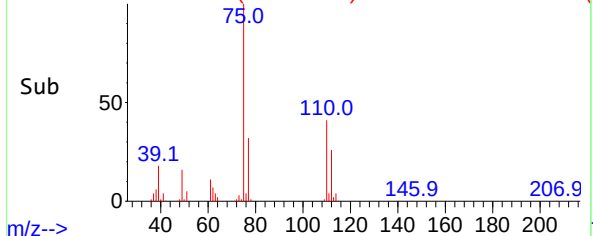
77 32.5 26.2 39.4

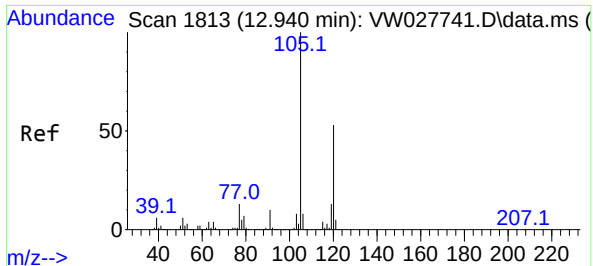
110 40.4 32.2 48.2

Abundance Scan 1784 (12.763 min): VW027764.D\data.ms



Abundance Scan 1784 (12.763 min): VW027764.D\data.ms (





#62

1,3,5-Trimethylbenzene

Concen: 25.559 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW027764.D

Acq: 19 Dec 2023 05:40

Instrument :

MSVOA_W

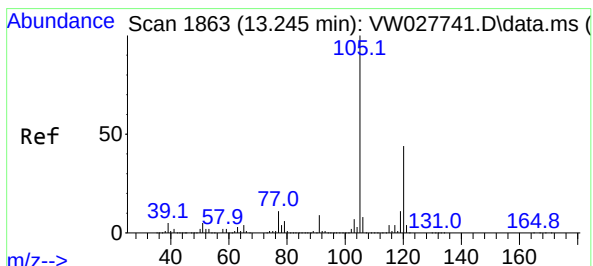
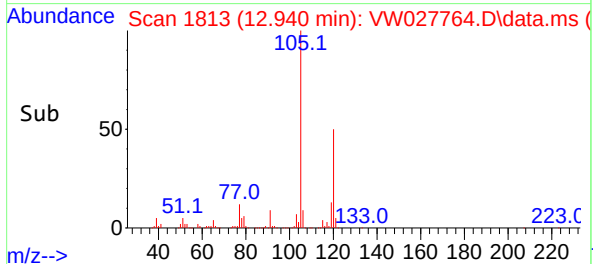
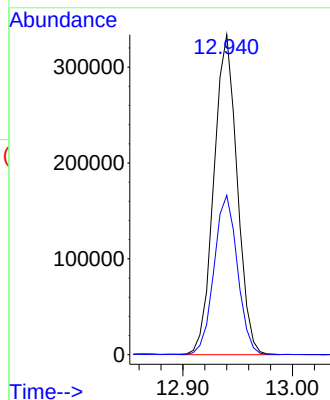
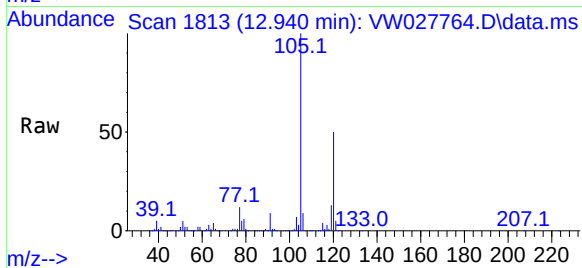
ClientSampleId :

Tgt Ion:105 Resp: 493199

Ion Ratio Lower Upper

105 100

120 50.0 40.0 60.0



#63

1,2,4-Trimethylbenzene

Concen: 25.225 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW027764.D

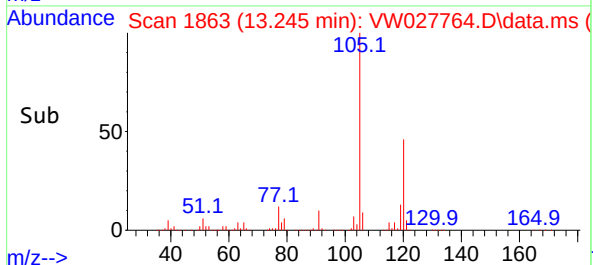
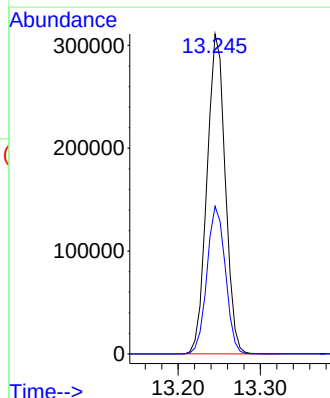
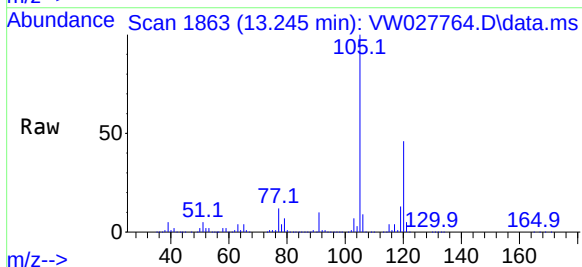
Acq: 19 Dec 2023 05:40

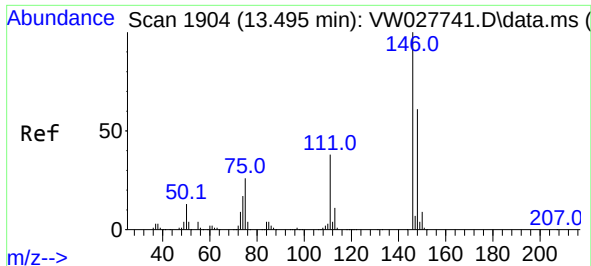
Tgt Ion:105 Resp: 479135

Ion Ratio Lower Upper

105 100

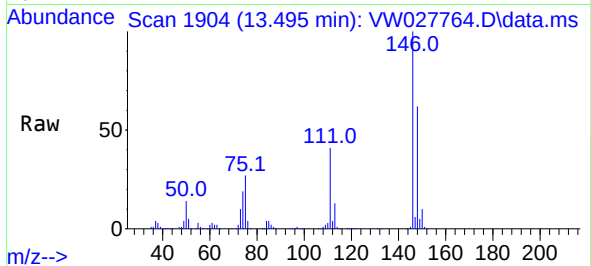
120 46.6 36.4 54.6



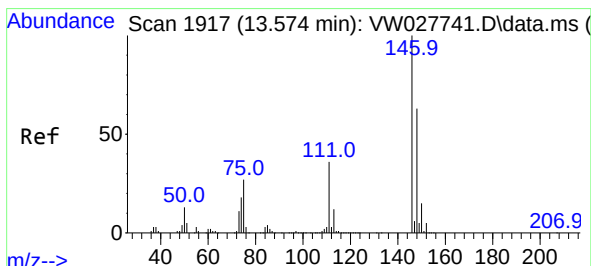
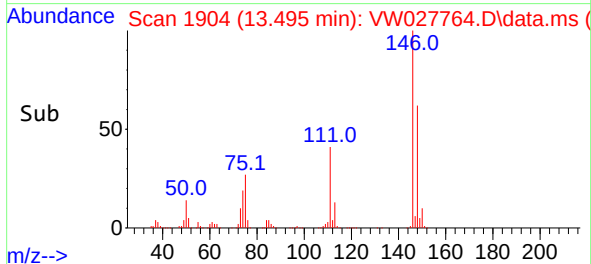
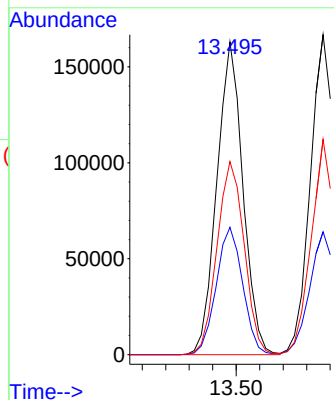


#64
1,3-Dichlorobenzene
Concen: 24.169 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

Instrument :
MSVOA_W
ClientSampleId :

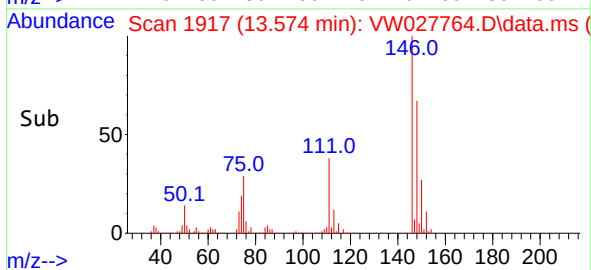
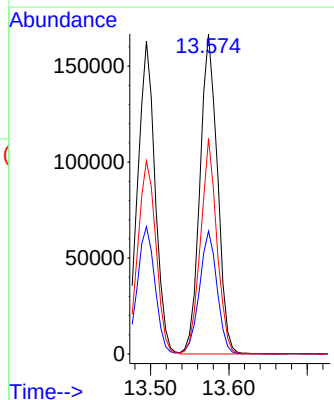
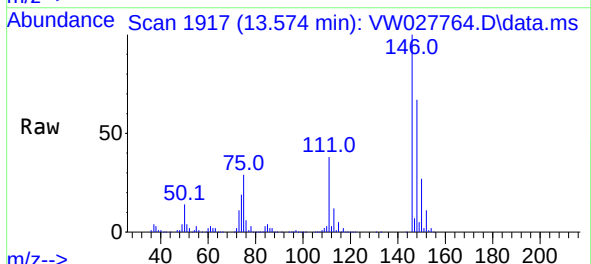


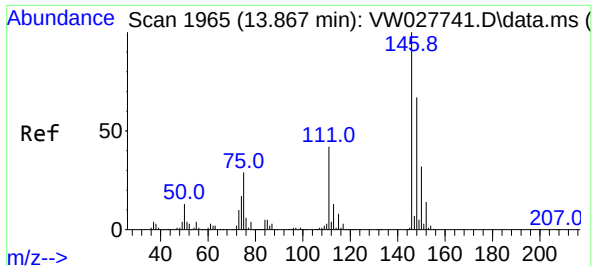
Tgt Ion:146 Resp: 252102
Ion Ratio Lower Upper
146 100
111 40.7 31.1 57.7
148 61.7 52.6 97.8



#65
1,4-Dichlorobenzene
Concen: 24.634 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

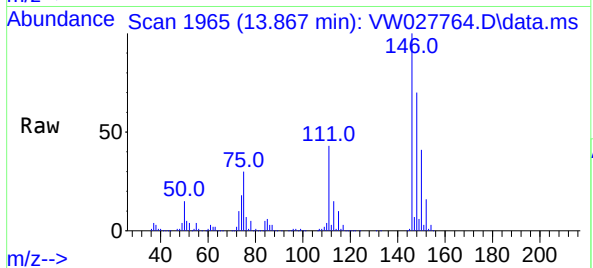
Tgt Ion:146 Resp: 258109
Ion Ratio Lower Upper
146 100
111 38.4 26.2 48.6
148 67.3 46.3 85.9



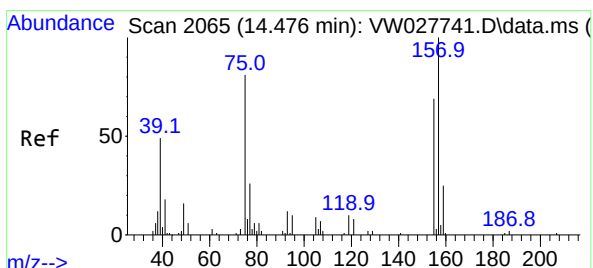
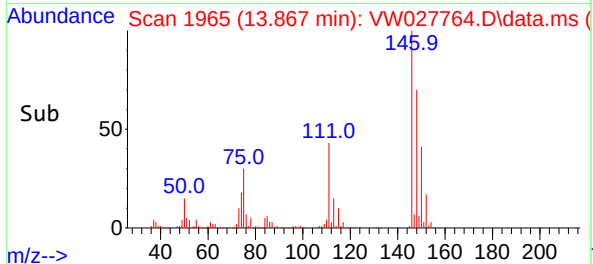
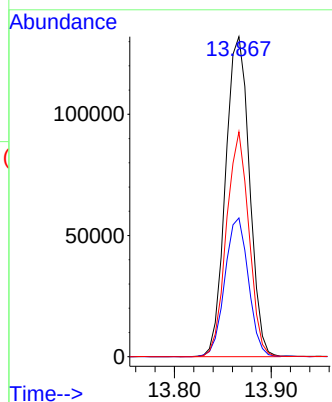


#67
1,2-Dichlorobenzene
Concen: 24.978 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

Instrument :
MSVOA_W
ClientSampleId :

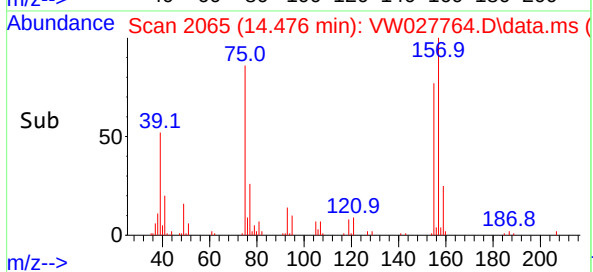
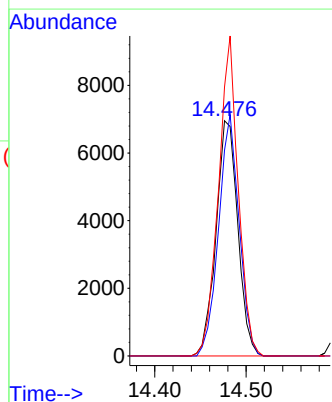
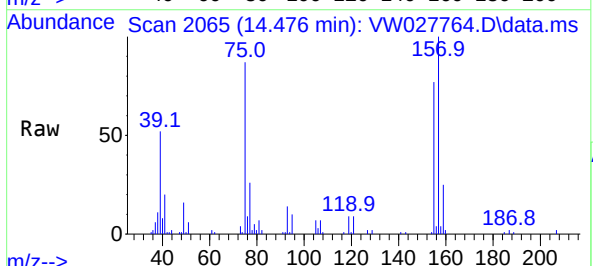


Tgt Ion:146 Resp: 226565
Ion Ratio Lower Upper
146 100
111 43.4 32.1 48.1
148 70.2 53.0 79.4

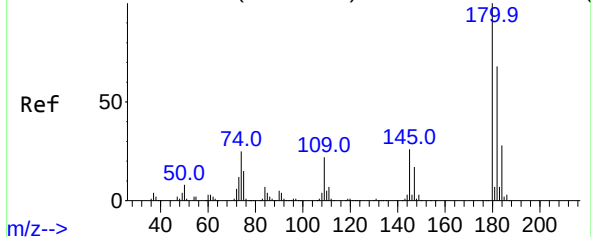


#68
1,2-Dibromo-3-chloropropane
Concen: 20.247 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

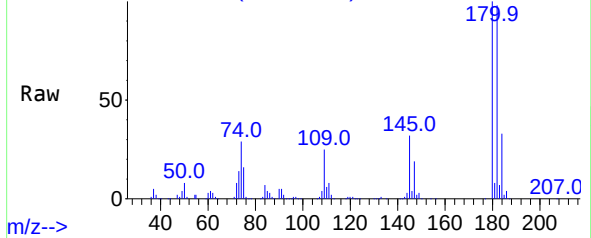
Tgt Ion: 75 Resp: 11530
Ion Ratio Lower Upper
75 100
155 87.5 59.8 89.6
157 114.4 87.5 131.3



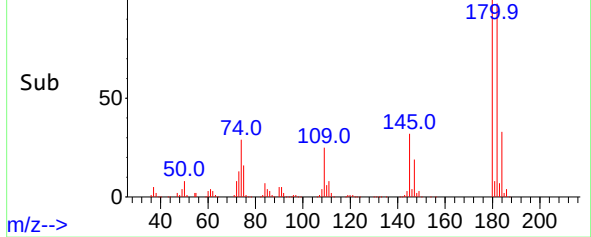
Abundance Scan 2089 (14.623 min): VW027741.D\data.ms (



m/z--> Abundance Scan 2089 (14.623 min): VW027764.D\data.ms



m/z--> Abundance Scan 2089 (14.623 min): VW027764.D\data.ms (



m/z-->

#69

1,3,5-Trichlorobenzene

Concen: 23.694 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW027764.D

Acq: 19 Dec 2023 05:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 171970

Ion Ratio Lower Upper

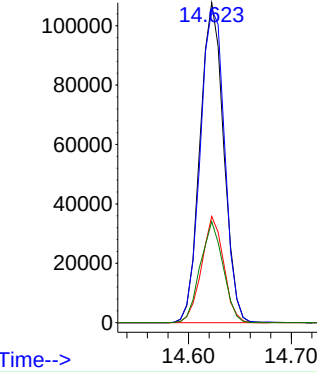
180 100

182 100.7 72.6 109.0

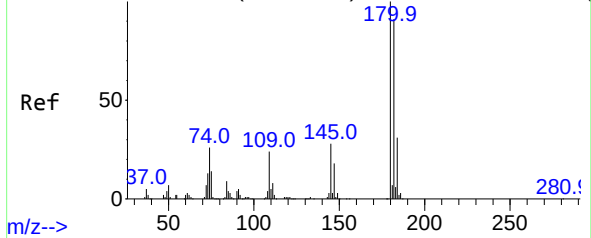
184 31.0 23.0 34.6

145 30.5 23.0 34.6

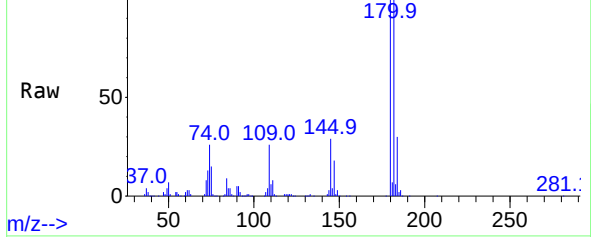
Abundance



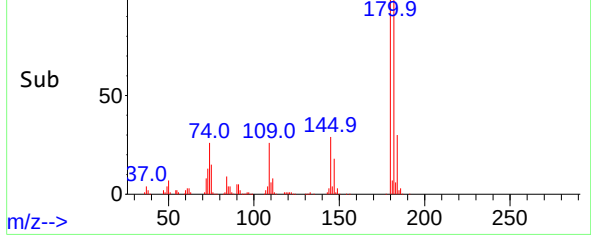
Abundance Scan 2171 (15.123 min): VW027741.D\data.ms (



m/z--> Abundance Scan 2172 (15.129 min): VW027764.D\data.ms



m/z--> Abundance Scan 2172 (15.129 min): VW027764.D\data.ms (



m/z-->

#70

1,2,4-trichlorobenzene

Concen: 22.776 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027764.D

Acq: 19 Dec 2023 05:40

Tgt Ion:180 Resp: 135755

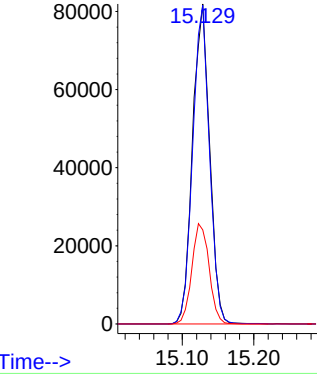
Ion Ratio Lower Upper

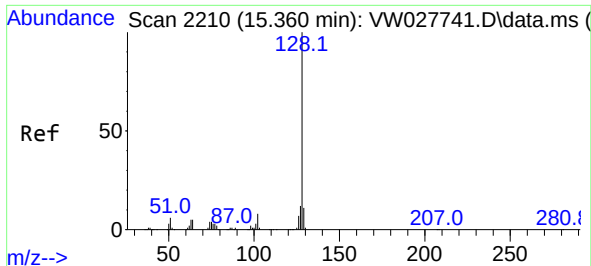
180 100

182 97.7 69.7 104.5

145 31.7 24.1 36.1

Abundance

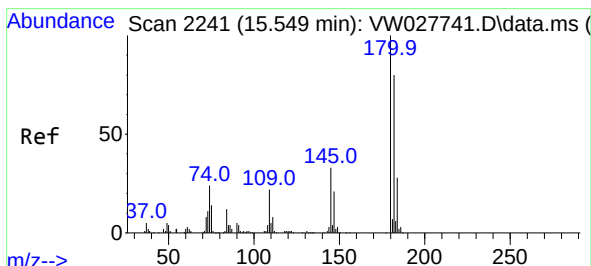
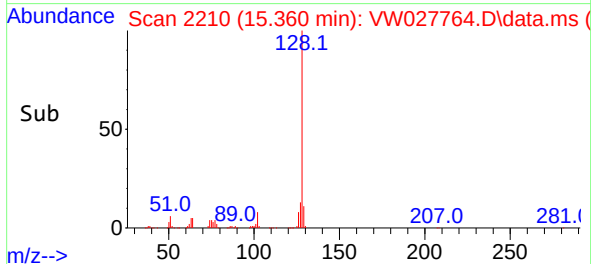
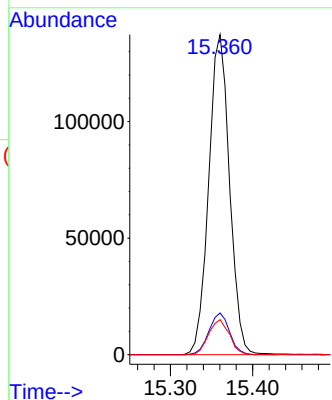
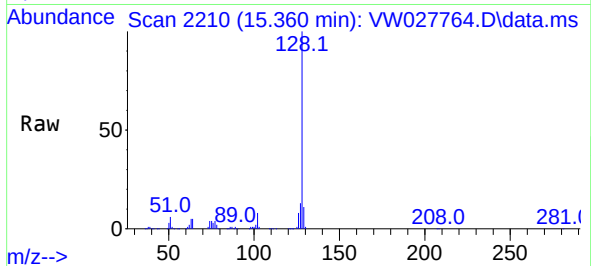




#71
Naphthalene
Concen: 22.889 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 241756
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 25.152 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027764.D
Acq: 19 Dec 2023 05:40

Tgt Ion:180 Resp: 125346
Ion Ratio Lower Upper
180 100
182 94.4 75.5 113.3
145 30.4 25.0 37.6

