

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121223\
 Data File : VW027590.D
 Acq On : 12 Dec 2023 12:48
 Operator : SY/MD
 Sample : 05750-04RE
 Misc : 4.56g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0LQ7RE

Quant Time: Dec 13 04:27:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 13 04:25:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.849	114	34	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.617	117	157	25.000	ug/L	#-0.01
58) 1,4-Dichlorobenzene-d4	13.708	152	54	25.000	ug/L	# 0.15
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.216	65	64	93.540	ug/L	-0.15
Spiked Amount	25.000	Range	30 - 150	Recovery	= 374.160%#	
7) Chloroethane-d5	3.064	69	78	157.260	ug/L	0.16
Spiked Amount	25.000	Range	30 - 150	Recovery	= 629.040%#	
11) 1,1-Dichloroethene-d2	4.051	65	113	390.313	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	= 1561.240%#	
21) 2-Butanone-d5	7.039	46	183	1020.712	ug/L	-0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	= 2041.420%#	
24) Chloroform-d	7.697	84	84	82.769	ug/L	0.04
Spiked Amount	25.000	Range	40 - 150	Recovery	= 331.080%#	
26) 1,2-Dichloroethane-d4	8.252	65	99	190.760	ug/L	-0.05
Spiked Amount	25.000	Range	70 - 130	Recovery	= 763.040%#	
32) Benzene-d6	8.270	84	46	4.160	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 16.640%#	
36) 1,2-Dichloropropane-d6	9.282	67	41	12.577	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 50.320%#	
41) Toluene-d8	10.319	98	104	10.749	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 43.000%	
43) trans-1,3-Dichloroprop...	10.581	79	46	36.491	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 145.960%#	
47) 2-Hexanone-d5	10.977	63	62	102.077	ug/L	0.05
Spiked Amount	50.000	Range	20 - 135	Recovery	= 204.160%#	
56) 1,1,2,2-Tetrachloroeth...	12.775	84	49	18.274	ug/L	0.09
Spiked Amount	25.000	Range	45 - 120	Recovery	= 73.080%	
66) 1,2-Dichlorobenzene-d4	13.708	152	54	28.528	ug/L	-0.14
Spiked Amount	25.000	Range	75 - 120	Recovery	= 114.120%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	74	162.551	ug/L	# 46
3) Chloromethane	2.430	50	109	195.498	ug/L	96
5) Vinyl chloride	2.613	62	30	46.128	ug/L	91
6) Bromomethane	2.783	94	52	152.352	ug/L	90
8) Chloroethane	3.228	64	121	325.743	ug/L	91
9) Trichlorofluoromethane	3.332	101	71	113.986	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	4.119	101	56	105.432	ug/L	# 10
12) 1,1-Dichloroethene	3.990	96	147	303.120	ug/L	83
13) Acetone	4.112	43	159	919.951	ug/L	76
14) Carbon disulfide	4.405	76	70	47.764	ug/L	# 1
15) Methyl Acetate	4.881	43	232	768.048	ug/L	97
16) Methylene chloride	5.167	84	45	81.163	ug/L	78
17) trans-1,2-Dichloroethene	5.429	96	64	127.986	ug/L	# 82
18) Methyl tert-butyl Ether	5.417	73	19	23.556	ug/L	# 1
19) 1,1-Dichloroethane	6.228	63	113	111.119	ug/L	# 80
20) cis-1,2-Dichloroethene	7.155	96	97	180.625	ug/L	# 47
22) 2-Butanone	7.234	43	301	1349.926	ug/L	77
23) Bromochloromethane	7.368	128	20	94.687	ug/L	# 1
25) Chloroform	7.868	83	29	31.407	ug/L	88

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

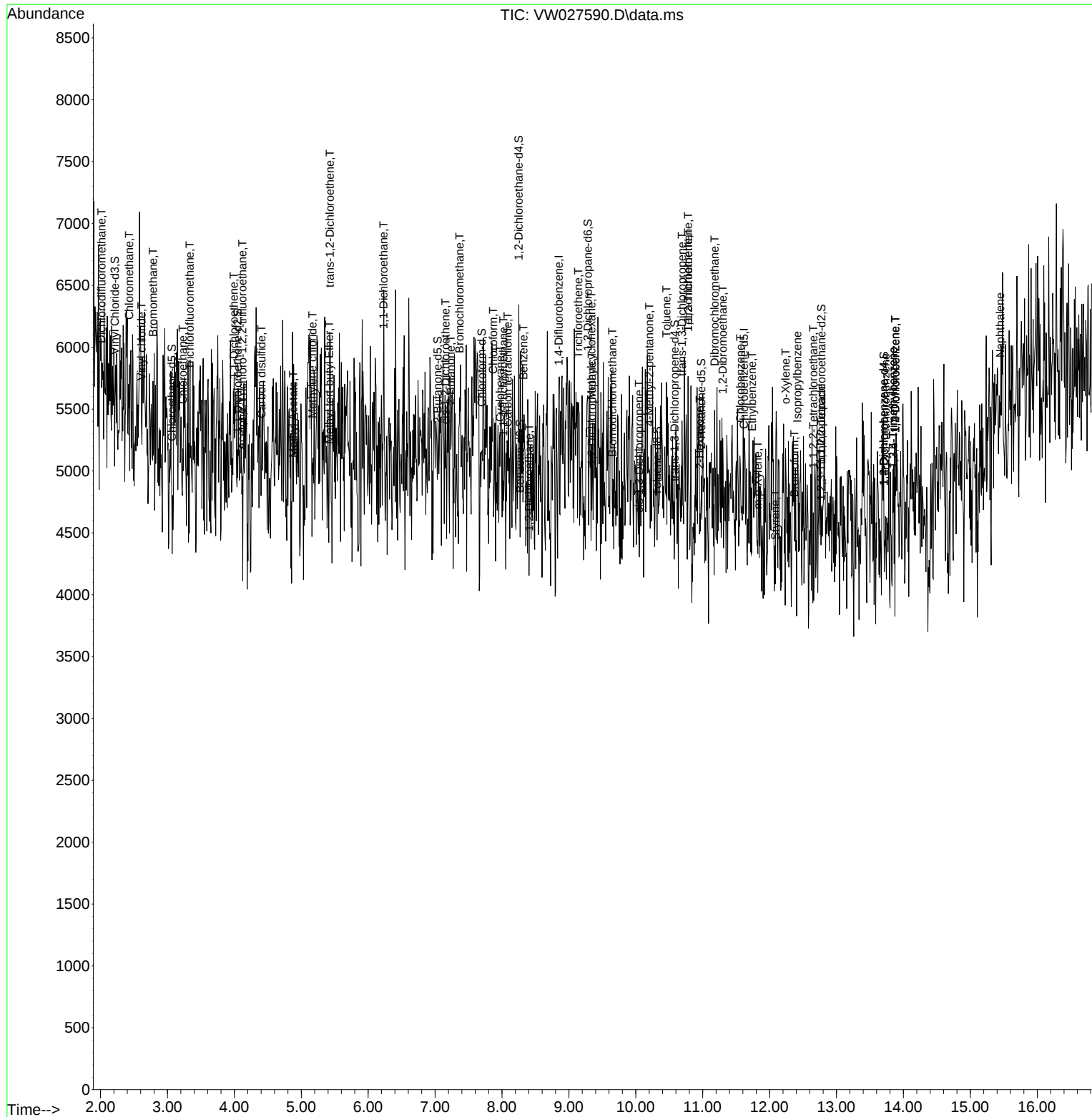
27) 1,2-Dichloroethane	8.404	62	129	216.159	ug/L #	75
29) Cyclohexane	7.971	56	151	29.255	ug/L #	23
30) 1,1,1-Trichloroethane	8.020	97	70	15.983	ug/L #	35
31) Carbon tetrachloride	8.087	117	55	14.398	ug/L	85
33) Benzene	8.319	78	46	4.245	ug/L	100
34) Trichloroethene	9.142	95	23	7.771	ug/L #	8
35) Methylcyclohexane	9.337	83	69	13.093	ug/L #	39
37) 1,2-Dichloropropane	9.343	63	142	49.634	ug/L #	1
38) Bromodichloromethane	9.648	83	70	21.164	ug/L #	5
39) cis-1,3-Dichloropropene	10.050	75	85	20.581	ug/L #	41
40) 4-Methyl-2-pentanone	10.203	43	50	25.855	ug/L #	1
42) Toluene	10.459	91	31	2.705	ug/L	97
44) trans-1,3-Dichloropropene	10.691	75	94	28.214	ug/L	87
45) 1,1,2-Trichloroethane	10.782	97	25	12.547	ug/L #	15
46) Tetrachloroethene	10.782	164	72	34.123	ug/L #	1
48) 2-Hexanone	10.959	43	80	58.698	ug/L #	40
49) Dibromochloromethane	11.178	129	146	74.130	ug/L #	12
50) 1,2-Dibromoethane	11.300	107	58	31.818	ug/L #	6
51) Chlorobenzene	11.562	112	41	5.930	ug/L #	1
52) Ethylbenzene	11.739	91	45	3.457	ug/L #	47
53) m,p-Xylene	11.824	106	49	10.215	ug/L #	25
54) o-Xylene	12.239	106	47	10.780	ug/L #	15
55) Styrene	12.087	104	78	10.481	ug/L	81
57) 1,1,2,2-Tetrachloroethane	12.654	83	38	14.650	ug/L #	28
59) Bromoform	12.373	173	19	25.122	ug/L #	36
60) Isopropylbenzene	12.416	105	26	2.916	ug/L #	1
61) 1,2,3-Trichloropropane	12.769	75	216	165.840	ug/L #	47
62) 1,3,5-Trimethylbenzene	13.848	105	104	15.771	ug/L	94
63) 1,2,4-Trimethylbenzene	13.848	105	104	15.835	ug/L	97
65) 1,4-Dichlorobenzene	13.879	146	53	15.559	ug/L #	1
67) 1,2-Dichlorobenzene	13.879	146	53	17.226	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.733	180	42	18.289	ug/L #	46
71) Naphthalene	15.446	128	46	12.264	ug/L #	1

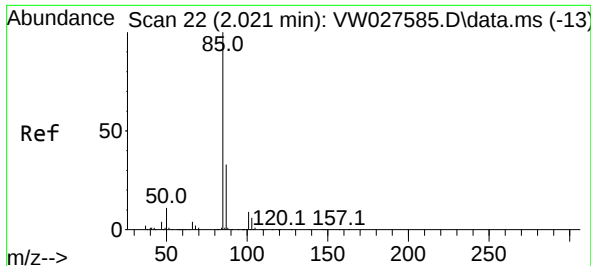
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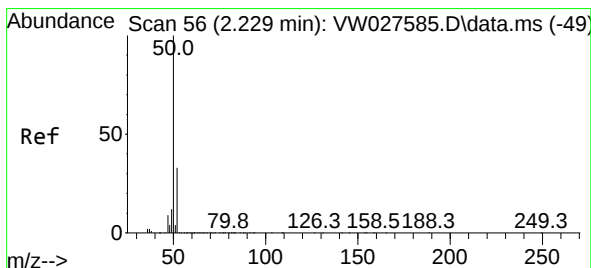
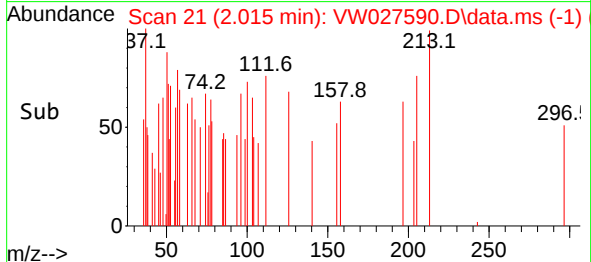
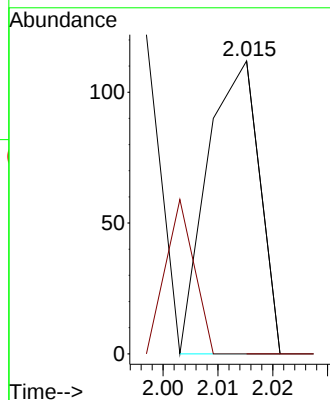
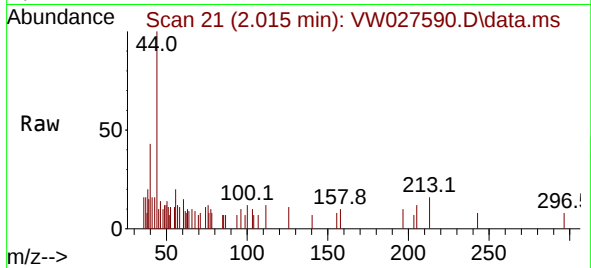




#2
 Dichlorodifluoromethane
 Concen: 162.551 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW027590.D
 Acq: 12 Dec 2023 12:48

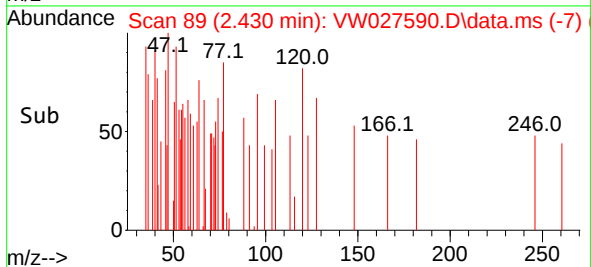
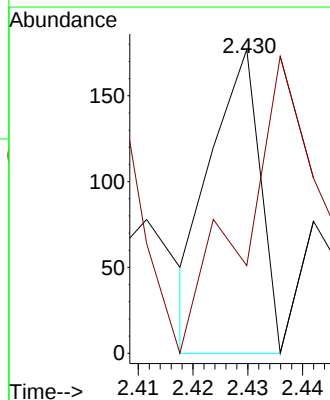
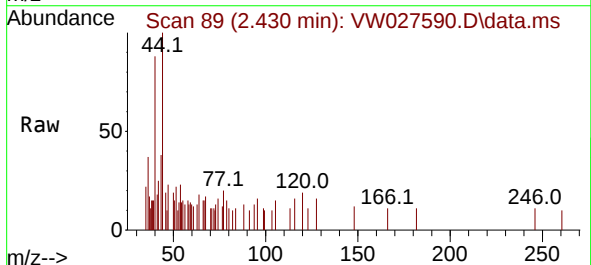
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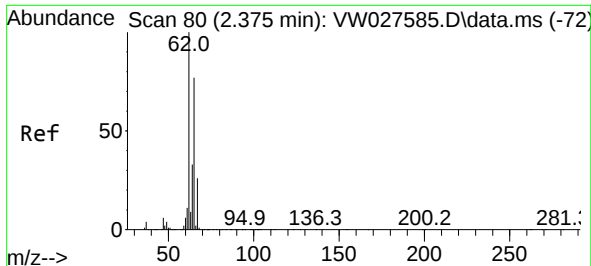
Tgt Ion: 85 Resp: 74
 Ion Ratio Lower Upper
 85 100
 87 59.5 24.0 36.0#



#3
 Chloromethane
 Concen: 195.498 ug/L
 RT: 2.430 min Scan# 89
 Delta R.T. 0.201 min
 Lab File: VW027590.D
 Acq: 12 Dec 2023 12:48

Tgt Ion: 50 Resp: 109
 Ion Ratio Lower Upper
 50 100
 52 28.8 21.8 40.6

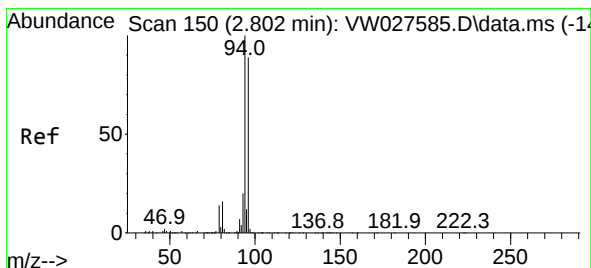
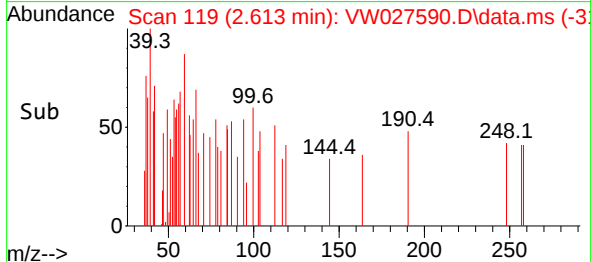
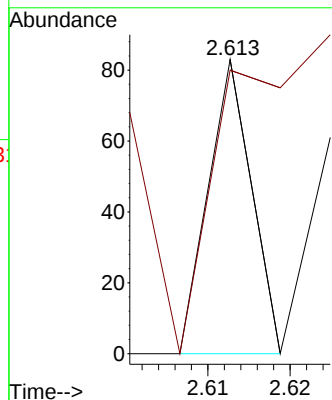
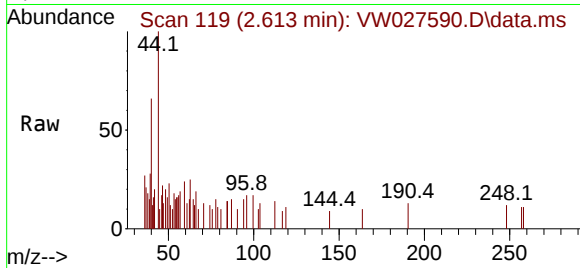




#5
 Vinyl chloride
 Concen: 46.128 ug/L
 RT: 2.613 min Scan# 119
 Delta R.T. 0.238 min
 Lab File: VW027590.D
 Acq: 12 Dec 2023 12:48

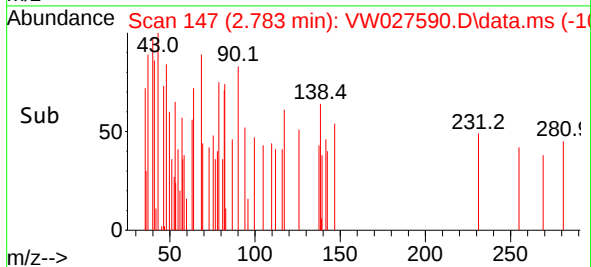
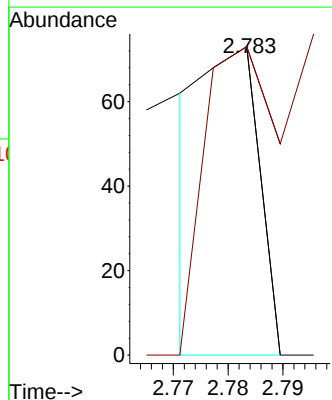
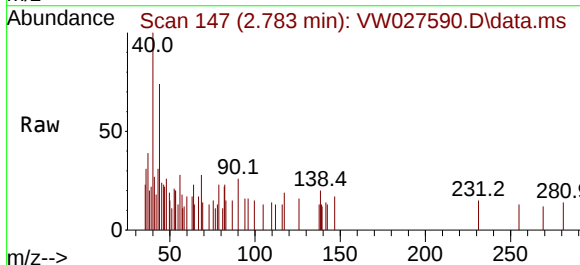
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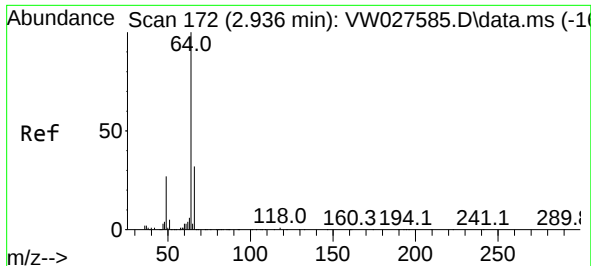
Tgt Ion: 62 Resp: 30
 Ion Ratio Lower Upper
 62 100
 64 36.5 22.2 41.2



#6
 Bromomethane
 Concen: 152.352 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.018 min
 Lab File: VW027590.D
 Acq: 12 Dec 2023 12:48

Tgt Ion: 94 Resp: 52
 Ion Ratio Lower Upper
 94 100
 96 100.0 63.3 117.7

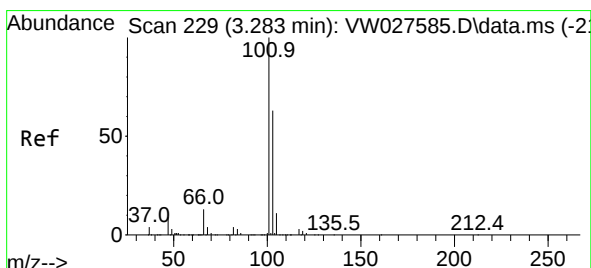
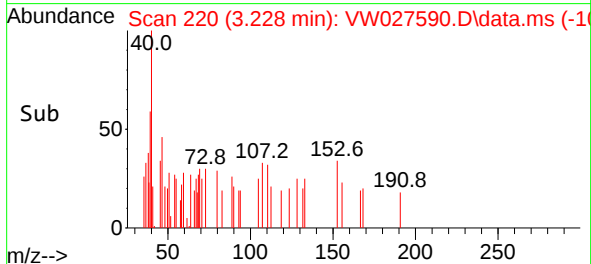
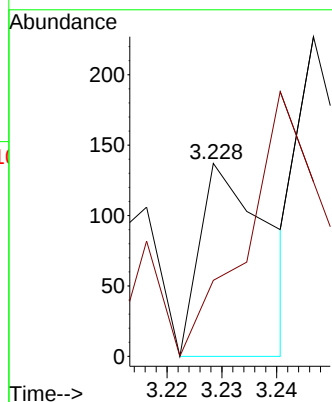
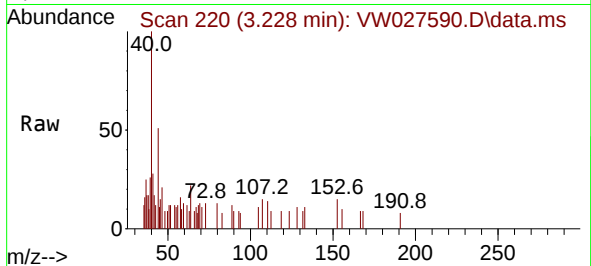




#8
Chloroethane
Concen: 325.743 ug/L
RT: 3.228 min Scan# 21
Delta R.T. 0.293 min
Lab File: VW027590.D
Acq: 12 Dec 2023 12:48

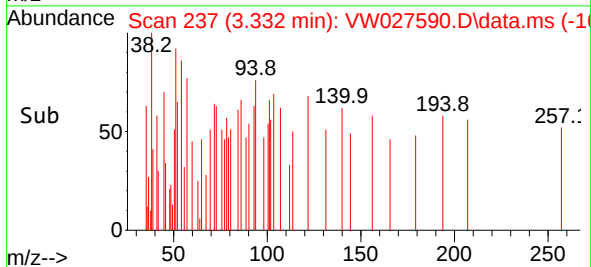
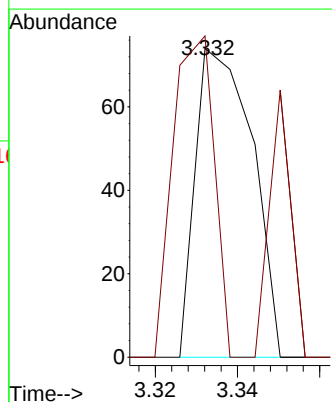
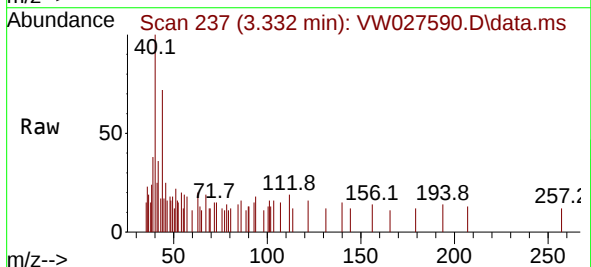
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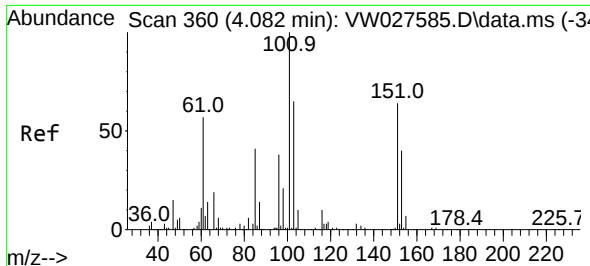
Tgt Ion: 64 Resp: 121
Ion Ratio Lower Upper
64 100
66 39.4 24.1 44.7



#9
Trichlorofluoromethane
Concen: 113.986 ug/L
RT: 3.332 min Scan# 237
Delta R.T. 0.049 min
Lab File: VW027590.D
Acq: 12 Dec 2023 12:48

Tgt Ion: 101 Resp: 71
Ion Ratio Lower Upper
101 100
103 76.1 52.0 78.0

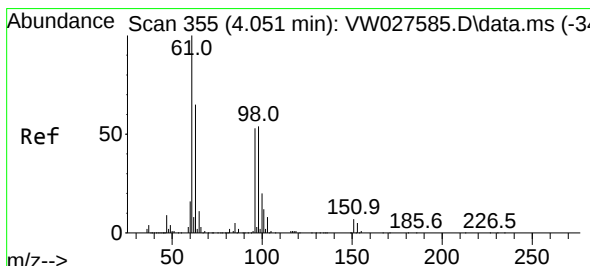
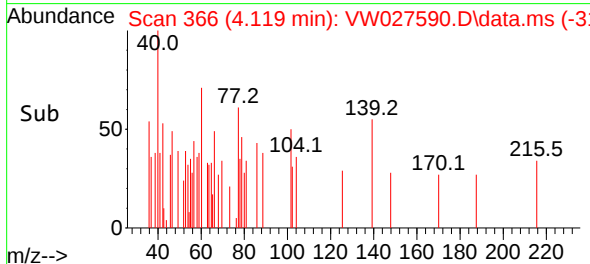
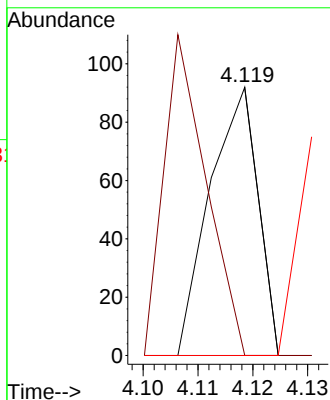
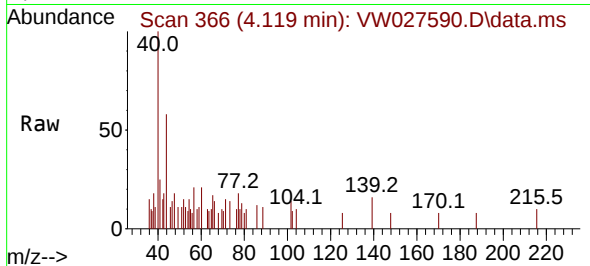




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 105.432 ug/L
 RT: 4.119 min Scan# 360
 Delta R.T. 0.037 min
 Lab File: VW027590.D
 Acq: 12 Dec 2023 12:48

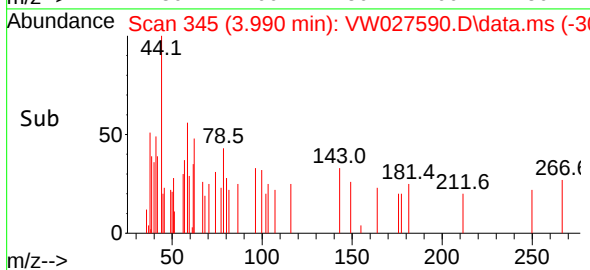
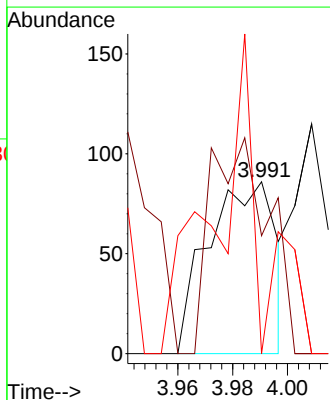
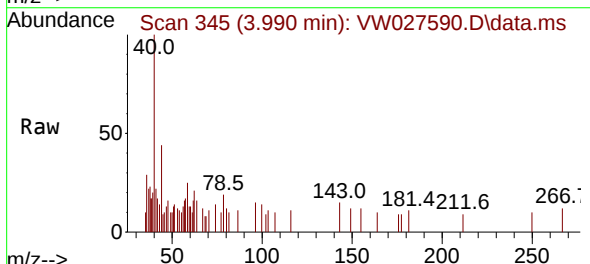
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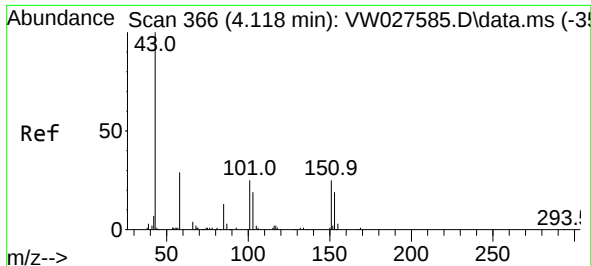
Tgt Ion:101 Resp: 56
 Ion Ratio Lower Upper
 101 100
 85 105.4 33.9 50.9#
 151 0.0 54.6 81.8#



#12
 1,1-Dichloroethene
 Concen: 303.120 ug/L
 RT: 3.990 min Scan# 345
 Delta R.T. -0.061 min
 Lab File: VW027590.D
 Acq: 12 Dec 2023 12:48

Tgt Ion: 96 Resp: 147
 Ion Ratio Lower Upper
 96 100
 61 175.6 127.8 237.4
 63 109.3 104.9 194.7





#13

Acetone

Concen: 919.951 ug/L

RT: 4.112 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW027590.D

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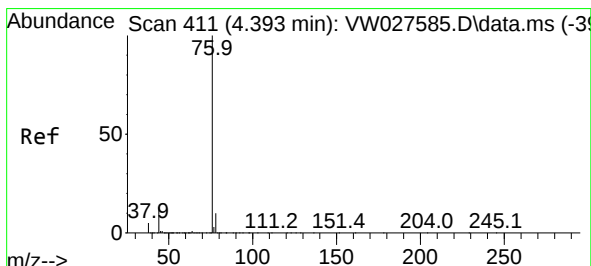
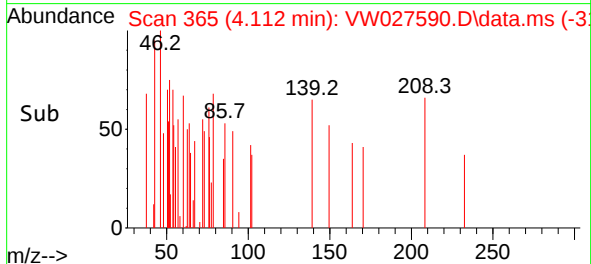
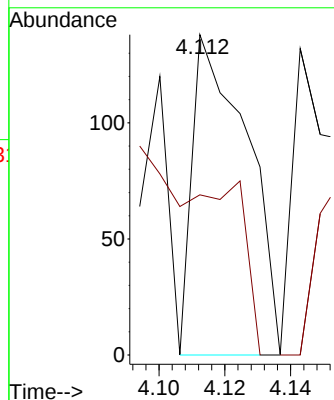
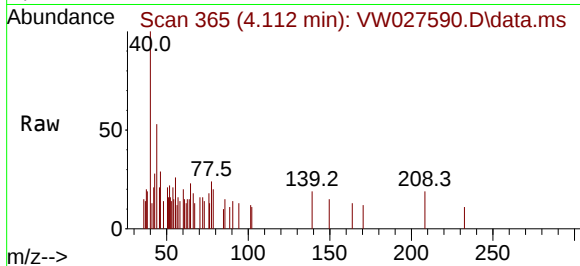
E0LQ7RE

Tgt Ion: 43 Resp: 159

Ion Ratio Lower Upper

43 100

58 17.0 0.0 60.0



#14

Carbon disulfide

Concen: 47.764 ug/L

RT: 4.405 min Scan# 413

Delta R.T. 0.012 min

Lab File: VW027590.D

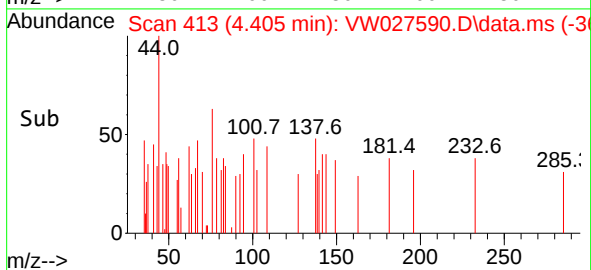
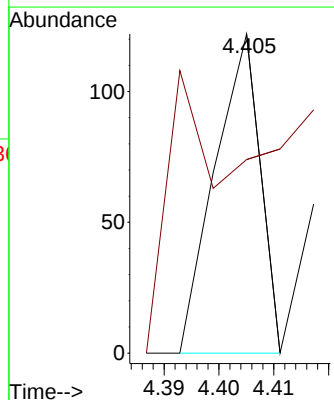
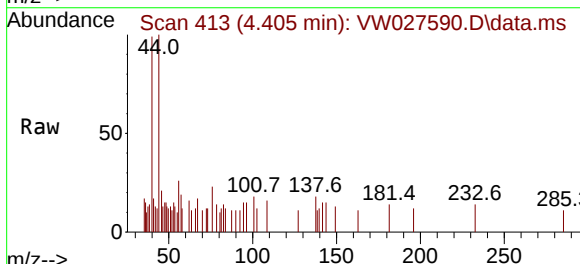
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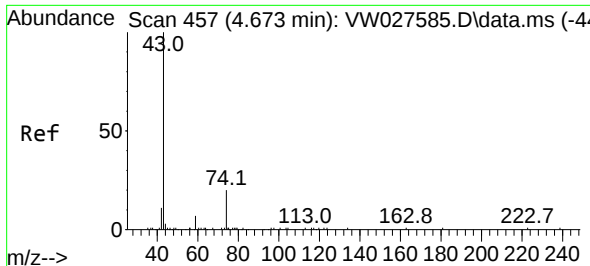
Tgt Ion: 76 Resp: 70

Ion Ratio Lower Upper

76 100

78 60.7 7.8 11.6#

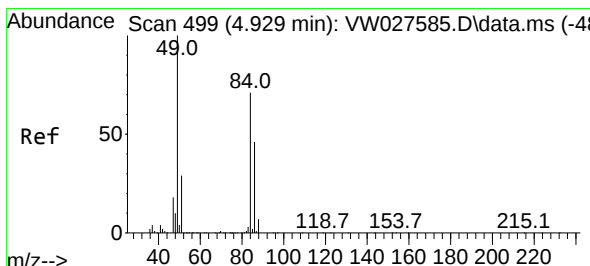
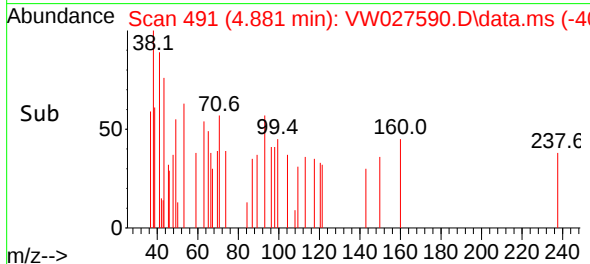
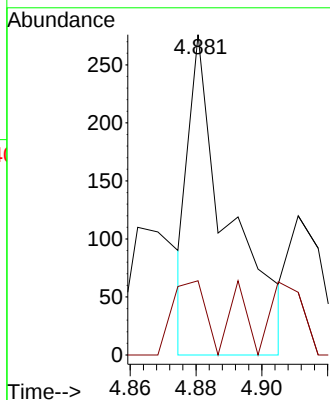
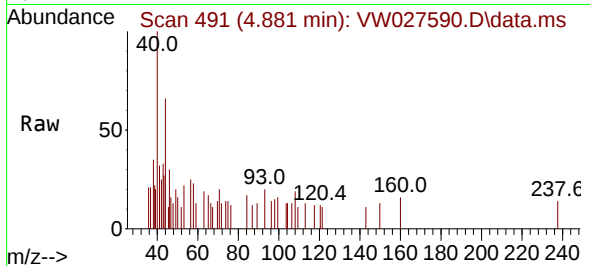




#15
Methyl Acetate
Concen: 768.048 ug/L
RT: 4.881 min Scan# 491
Delta R.T. 0.207 min
Lab File: VW027590.D
Acq: 12 Dec 2023 12:48

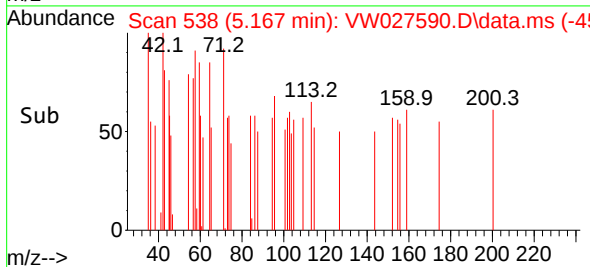
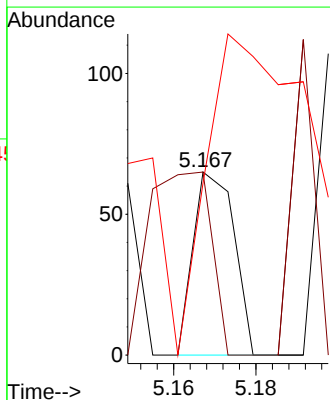
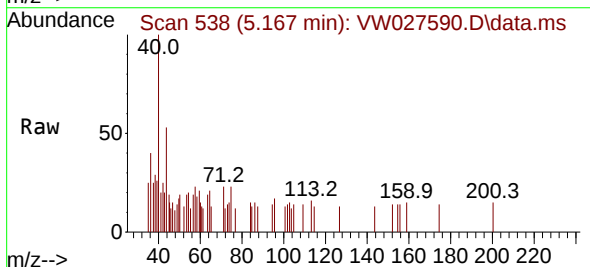
Instrument :
MSVOA_W
ClientSampleId :
E0LQ7RE

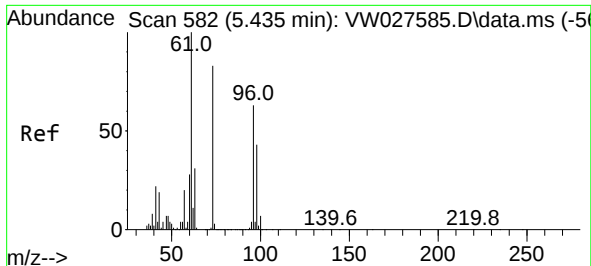
Tgt Ion: 43 Resp: 232
Ion Ratio Lower Upper
43 100
74 19.4 16.8 25.2



#16
Methylene chloride
Concen: 81.163 ug/L
RT: 5.167 min Scan# 538
Delta R.T. 0.238 min
Lab File: VW027590.D
Acq: 12 Dec 2023 12:48

Tgt Ion: 84 Resp: 45
Ion Ratio Lower Upper
84 100
86 52.4 47.7 88.7
49 111.3 97.4 181.0

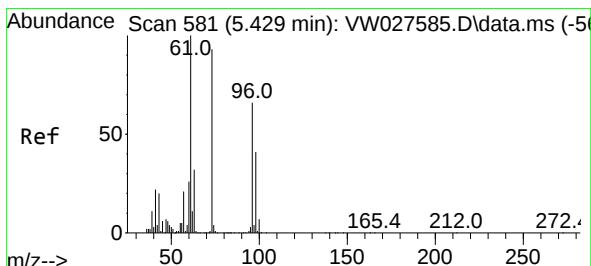
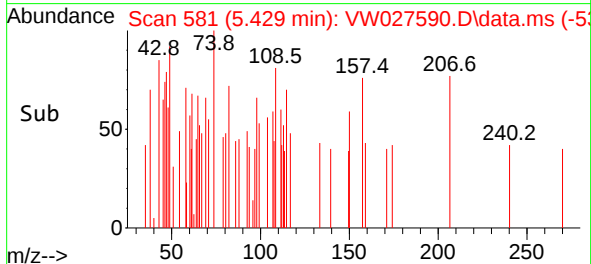
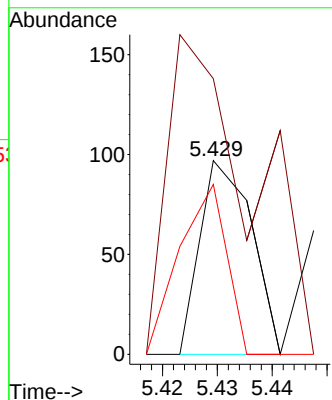
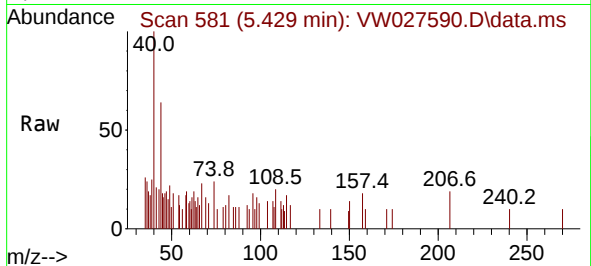




#17
trans-1,2-Dichloroethene
Concen: 127.986 ug/L
RT: 5.429 min Scan# 582
Delta R.T. -0.006 min
Lab File: VW027590.D
Acq: 12 Dec 2023 12:48

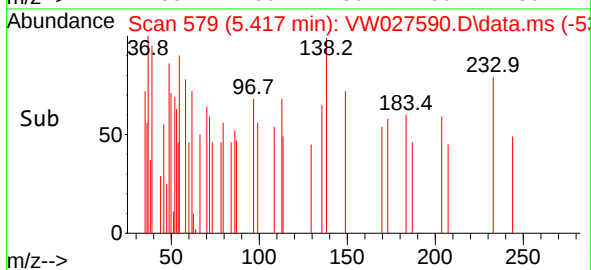
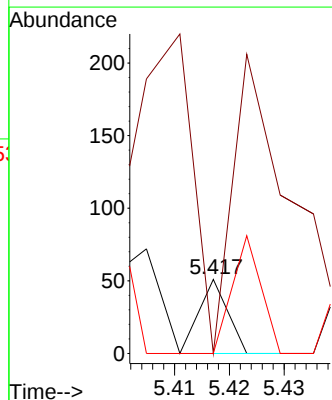
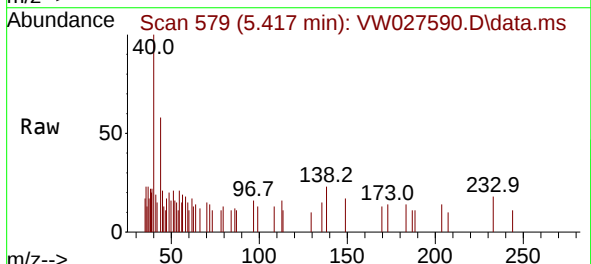
Instrument :
MSVOA_W
ClientSampleId :
E0LQ7RE

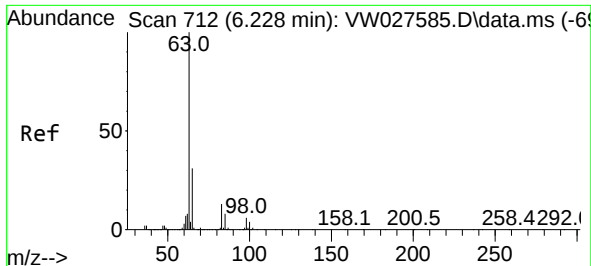
Tgt Ion: 96 Resp: 64
Ion Ratio Lower Upper
96 100
61 142.3 109.6 203.6
98 87.6 41.9 77.7#



#18
Methyl tert-butyl Ether
Concen: 23.556 ug/L
RT: 5.417 min Scan# 579
Delta R.T. -0.012 min
Lab File: VW027590.D
Acq: 12 Dec 2023 12:48

Tgt Ion: 73 Resp: 19
Ion Ratio Lower Upper
73 100
43 789.5 17.8 26.6#
57 0.0 19.9 29.9#





#19

1,1-Dichloroethane

Concen: 111.119 ug/L

RT: 6.228 min Scan# 712

Delta R.T. 0.000 min

Lab File: VW027590.D

Acq: 12 Dec 2023 12:48

Instrument :

MSVOA_W

ClientSampleId :

E0LQ7RE

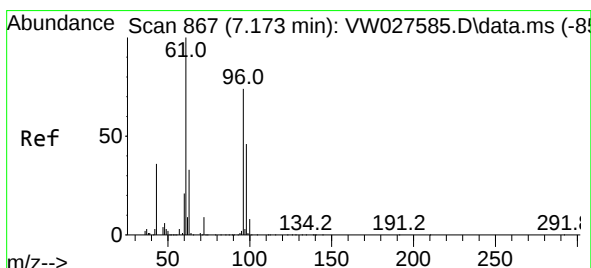
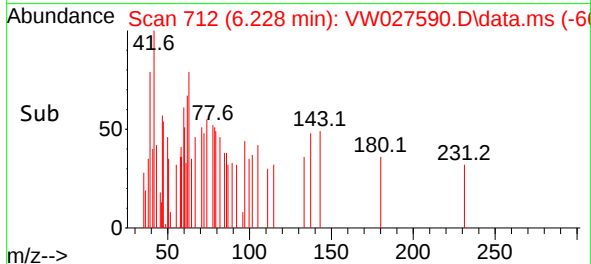
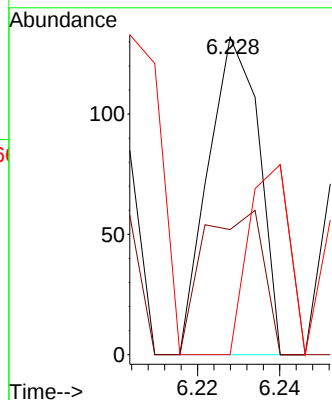
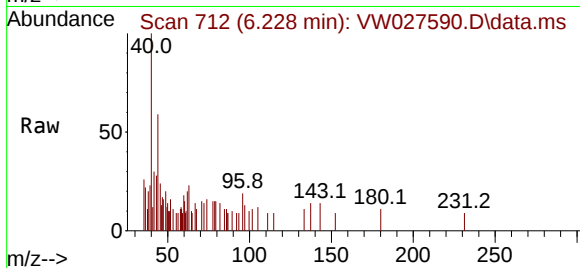
Tgt Ion: 63 Resp: 113

Ion Ratio Lower Upper

63 100

65 39.4 22.0 40.8

83 0.0 9.0 16.8#



#20

cis-1,2-Dichloroethene

Concen: 180.625 ug/L

RT: 7.155 min Scan# 864

Delta R.T. -0.018 min

Lab File: VW027590.D

Acq: 12 Dec 2023 12:48

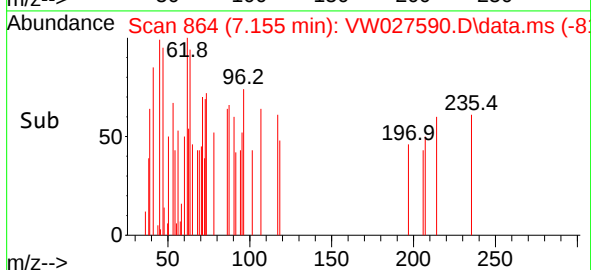
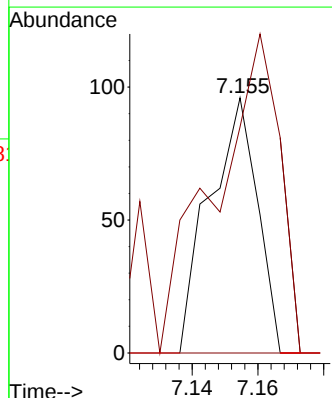
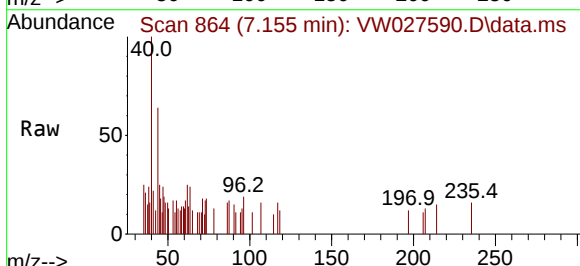
Tgt Ion: 96 Resp: 97

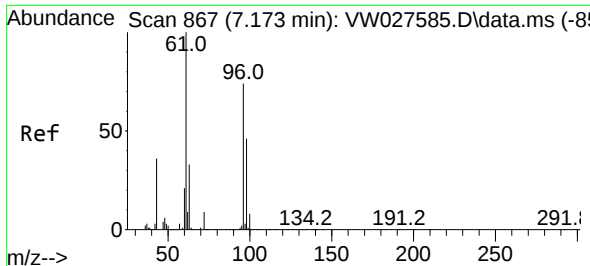
Ion Ratio Lower Upper

96 100

61 88.5 94.0 174.6#

98 0.0 45.1 83.7#

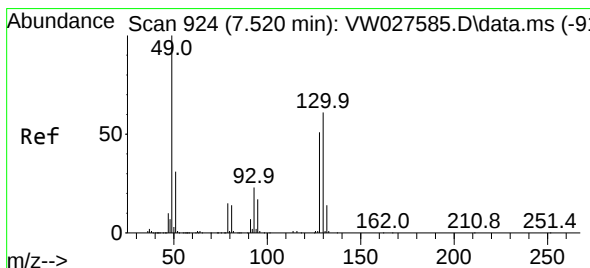
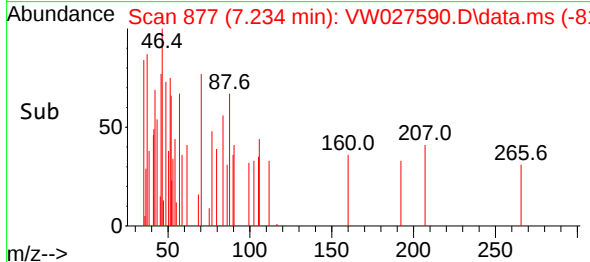
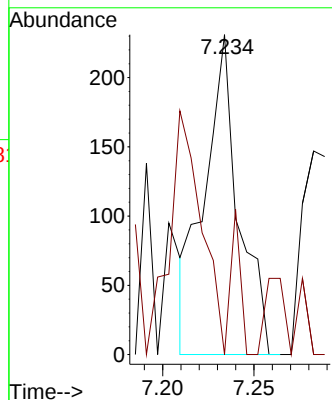
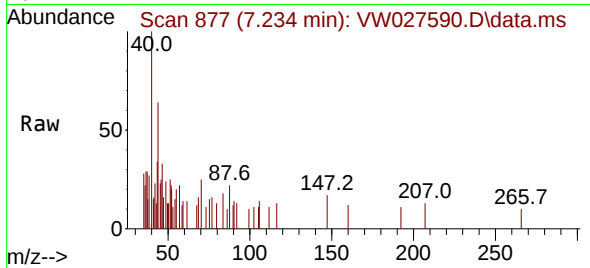




#22
2-Butanone
Concen: 1349.926 ug/L
RT: 7.234 min Scan# 811
Delta R.T. 0.061 min
Lab File: VW027590.D
Acq: 12 Dec 2023 12:48

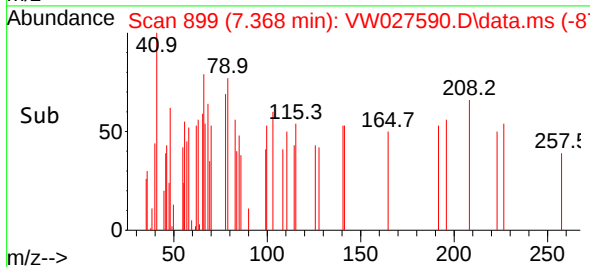
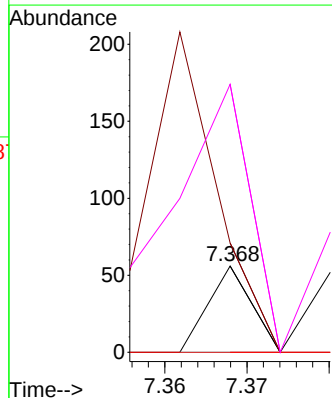
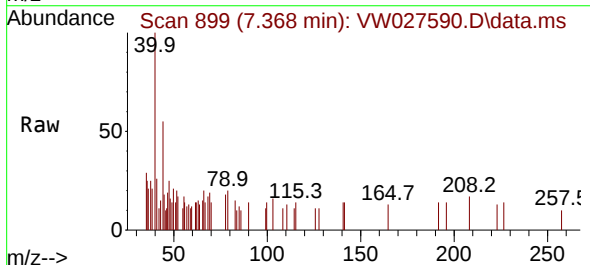
Instrument :
MSVOA_W
ClientSampleId :
E0LQ7RE

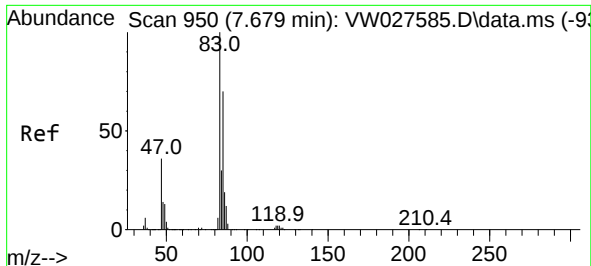
Tgt Ion: 43 Resp: 301
Ion Ratio Lower Upper
43 100
72 12.6 11.9 35.9



#23
Bromochloromethane
Concen: 94.687 ug/L
RT: 7.368 min Scan# 899
Delta R.T. -0.152 min
Lab File: VW027590.D
Acq: 12 Dec 2023 12:48

Tgt Ion: 128 Resp: 20
Ion Ratio Lower Upper
128 100
49 126.8 137.8 256.0#
130 0.0 91.2 169.4#
51 310.7 49.7 74.5#

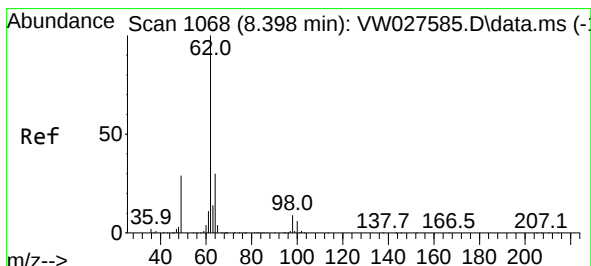
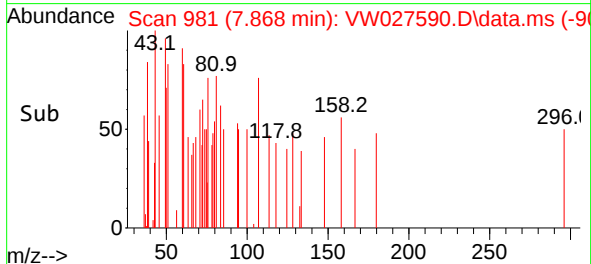
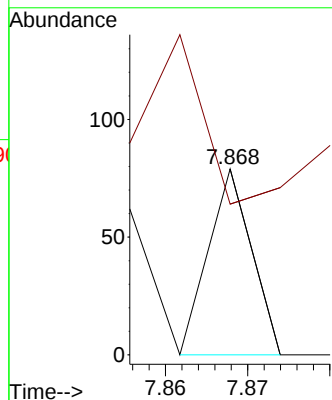
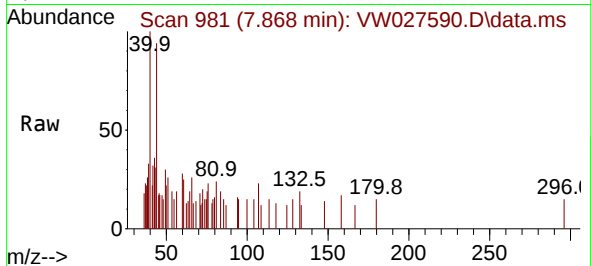




#25
Chloroform
Concen: 31.407 ug/L
RT: 7.868 min Scan# 91
Delta R.T. 0.189 min
Lab File: VW027590.D
Acq: 12 Dec 2023 12:48

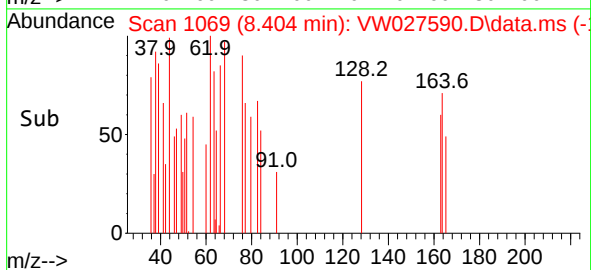
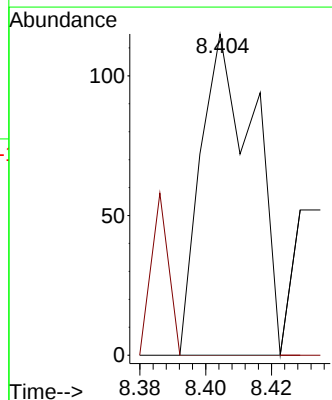
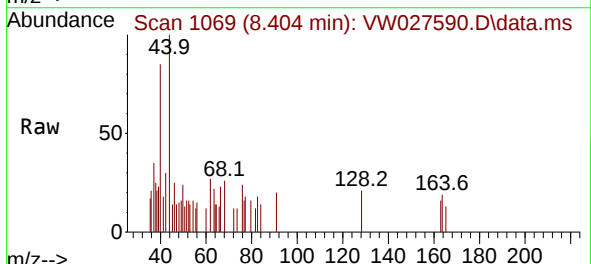
Instrument :
MSVOA_W
ClientSampleId :
E0LQ7RE

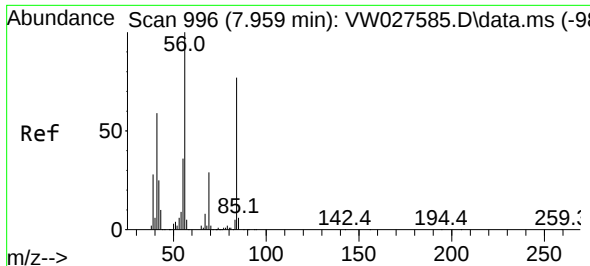
Tgt Ion: 83 Resp: 29
Ion Ratio Lower Upper
83 100
85 81.0 49.8 92.6



#27
1,2-Dichloroethane
Concen: 216.159 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW027590.D
Acq: 12 Dec 2023 12:48

Tgt Ion: 62 Resp: 129
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#

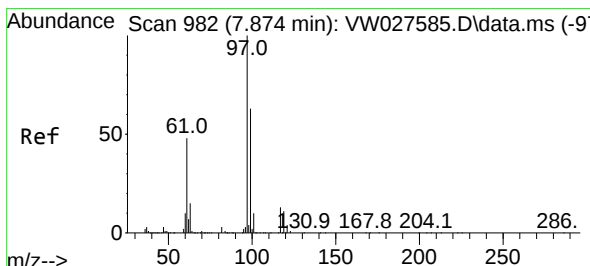
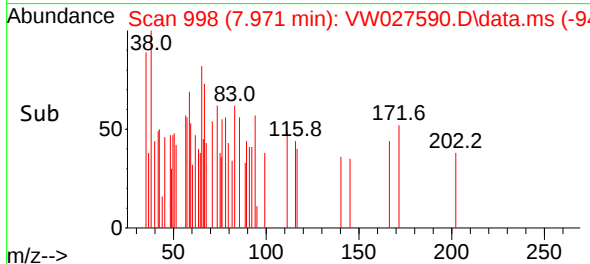
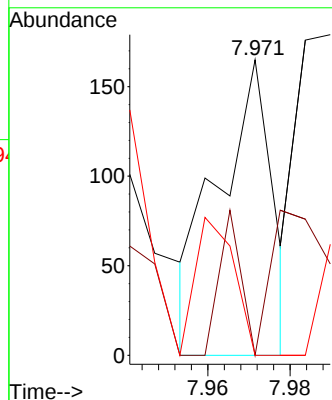
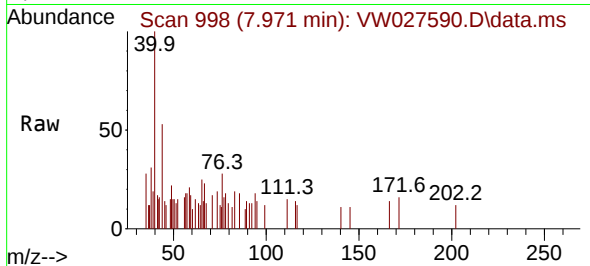




#29
Cyclohexane
Concen: 29.255 ug/L
RT: 7.971 min Scan# 996
Delta R.T. 0.012 min
Lab File: VW027590.D
Acq: 12 Dec 2023 12:48

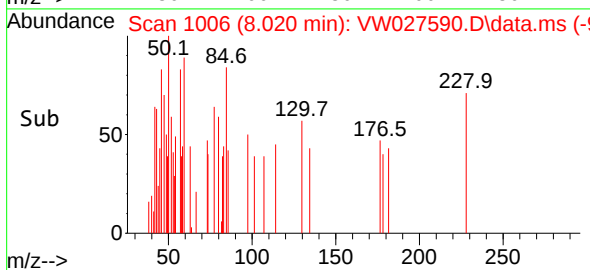
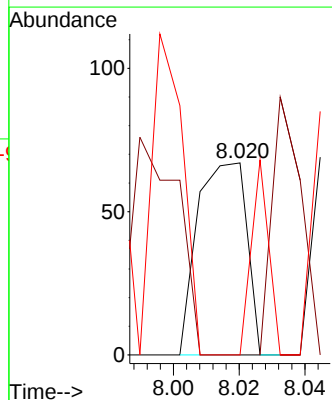
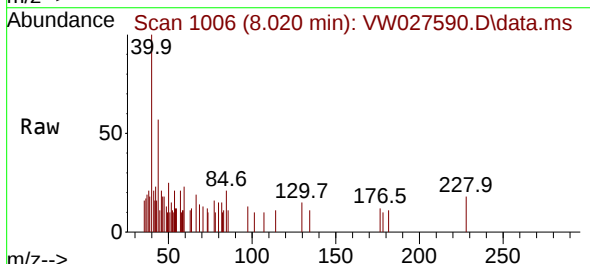
Instrument :
MSVOA_W
ClientSampleId :
E0LQ7RE

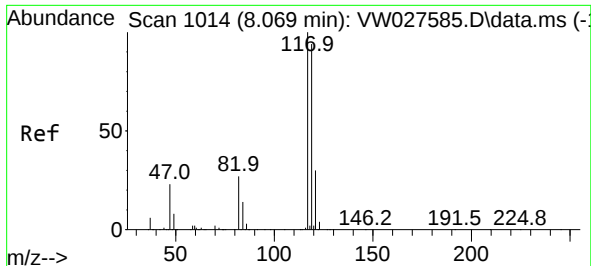
Tgt Ion: 56 Resp: 151
Ion Ratio Lower Upper
56 100
69 50.3 24.1 36.1#
84 0.0 65.0 97.4#



#30
1,1,1-Trichloroethane
Concen: 15.983 ug/L
RT: 8.020 min Scan# 1006
Delta R.T. 0.146 min
Lab File: VW027590.D
Acq: 12 Dec 2023 12:48

Tgt Ion: 97 Resp: 70
Ion Ratio Lower Upper
97 100
99 102.9 50.5 75.7#
61 104.3 39.0 58.4#

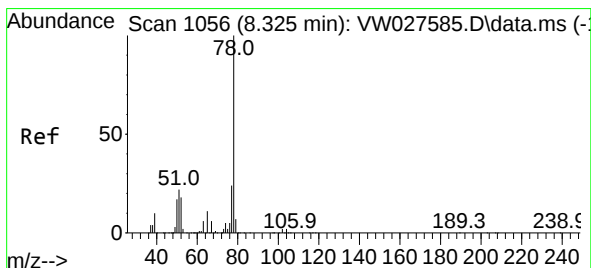
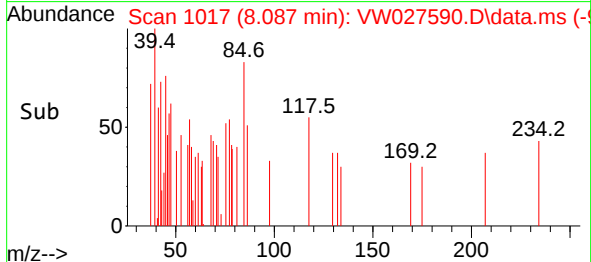
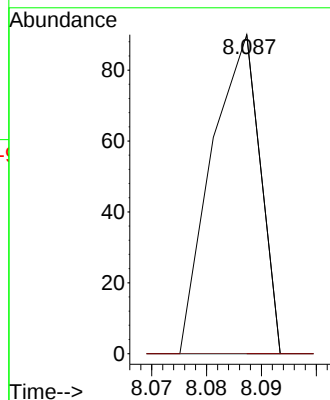
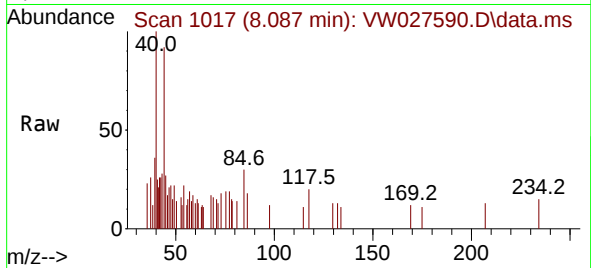




#31
Carbon tetrachloride
Concen: 14.398 ug/L
RT: 8.087 min Scan# 1017
Delta R.T. 0.018 min
Lab File: VW027590.D
Acq: 12 Dec 2023 12:48

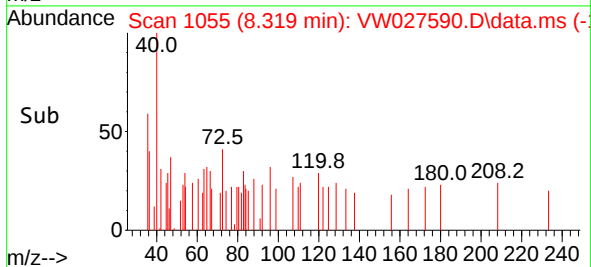
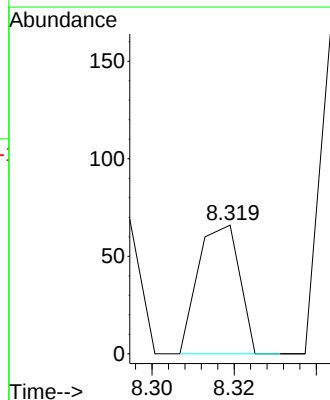
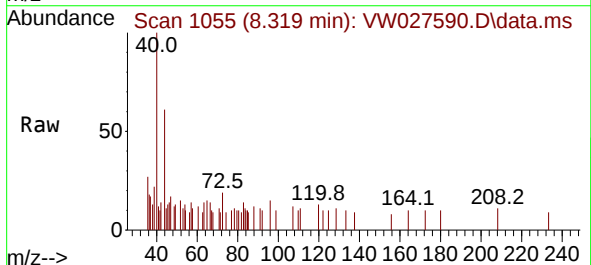
Instrument :
MSVOA_W
ClientSampleId :
E0LQ7RE

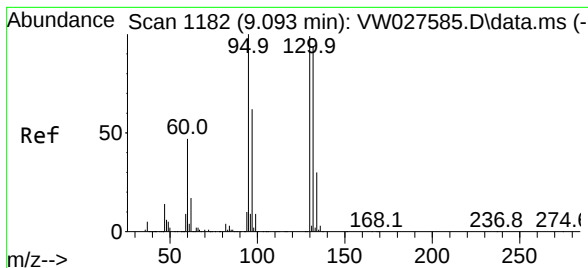
Tgt Ion:117 Resp: 55
Ion Ratio Lower Upper
117 100
119 81.8 77.0 115.6



#33
Benzene
Concen: 4.245 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW027590.D
Acq: 12 Dec 2023 12:48

Tgt Ion: 78 Resp: 46





#34

Trichloroethene

Concen: 7.771 ug/L

RT: 9.142 min Scan# 1182

Delta R.T. 0.049 min

Lab File: VW027590.D

Acq: 12 Dec 2023 12:48

Instrument :

MSVOA_W

ClientSampleId :

E0LQ7RE

Tgt Ion: 95 Resp: 23

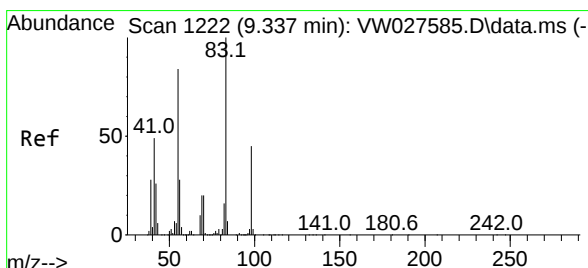
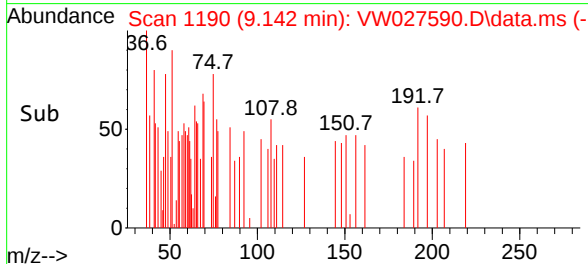
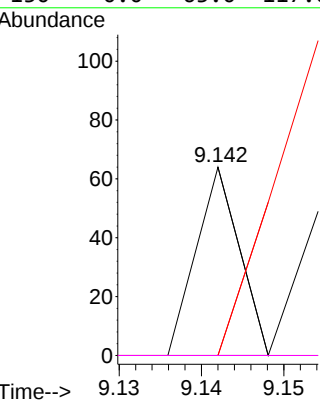
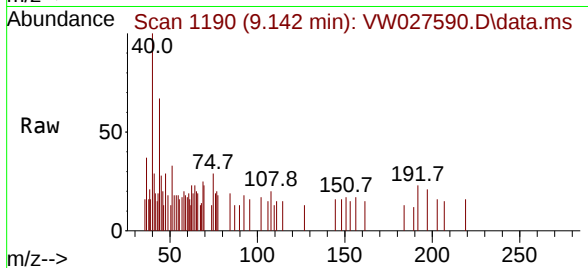
Ion Ratio Lower Upper

95 100

97 0.0 43.0 80.0#

132 0.0 64.1 119.1#

130 0.0 63.0 117.0#



#35

Methylcyclohexane

Concen: 13.093 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027590.D

Acq: 12 Dec 2023 12:48

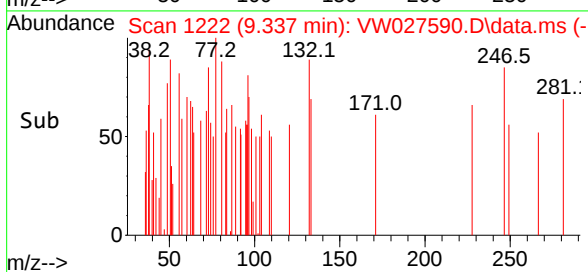
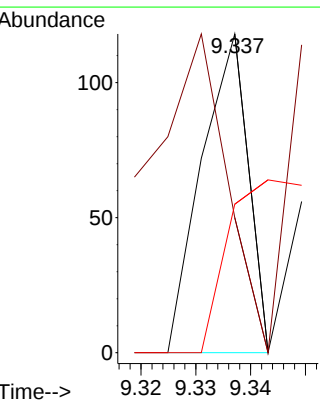
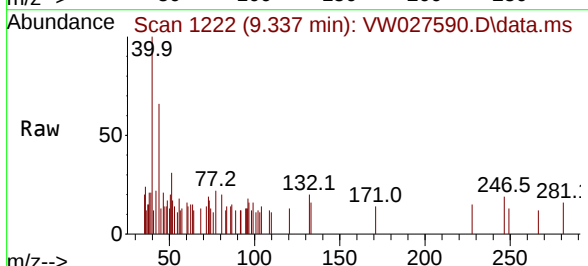
Tgt Ion: 83 Resp: 69

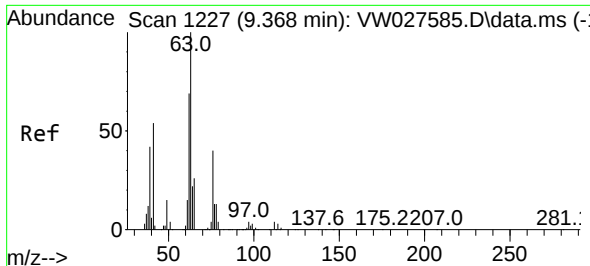
Ion Ratio Lower Upper

83 100

55 131.9 65.6 98.4#

98 95.7 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 49.634 ug/L

RT: 9.343 min Scan# 11

Delta R.T. -0.024 min

Lab File: VW027590.D

Acq: 12 Dec 2023 12:48

Instrument :

MSVOA_W

ClientSampleId :

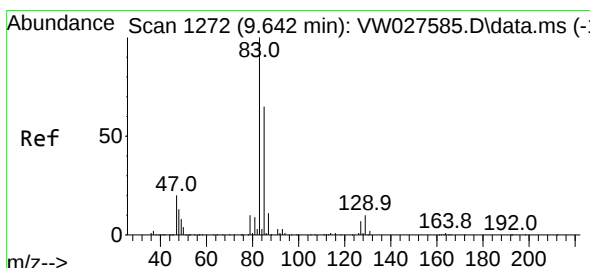
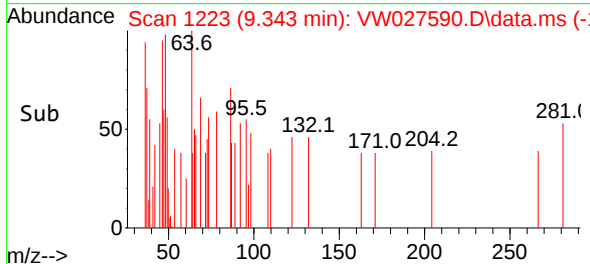
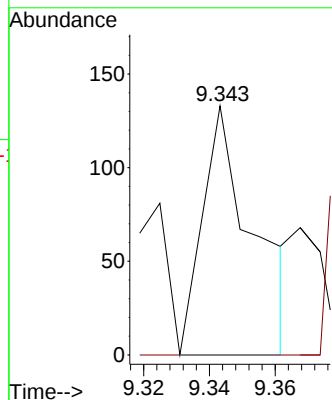
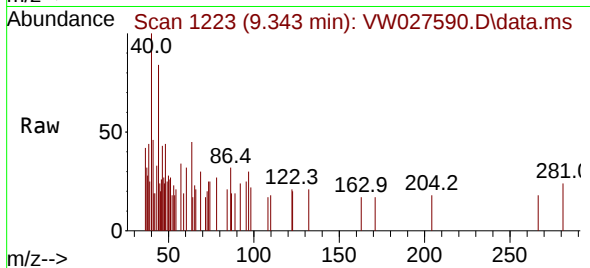
E0LQ7RE

Tgt Ion: 63 Resp: 142

Ion Ratio Lower Upper

63 100

112 59.2 3.6 5.4#



#38

Bromodichloromethane

Concen: 21.164 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW027590.D

Acq: 12 Dec 2023 12:48

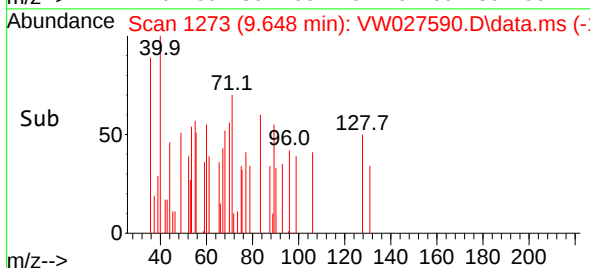
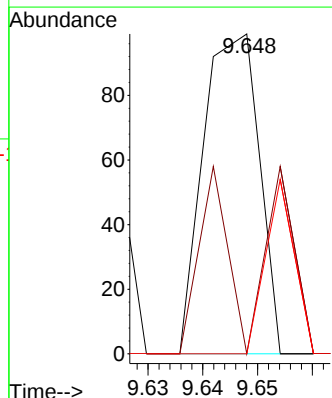
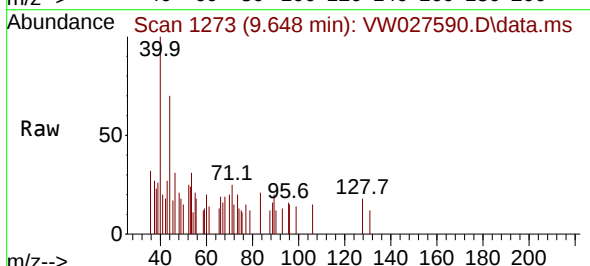
Tgt Ion: 83 Resp: 70

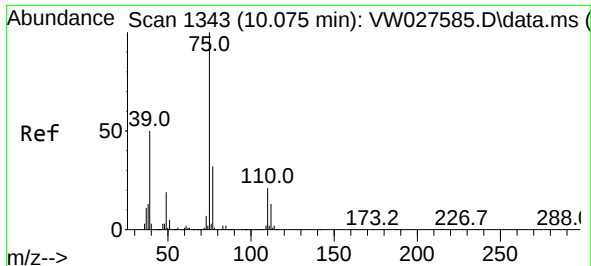
Ion Ratio Lower Upper

83 100

85 0.0 44.3 82.3#

127 83.8 5.3 7.9#





#39

cis-1,3-Dichloropropene

Concen: 20.581 ug/L

RT: 10.050 min Scan# 11

Delta R.T. -0.024 min

Lab File: VW027590.D

Acq: 12 Dec 2023 12:48

Instrument :

MSVOA_W

ClientSampleId :

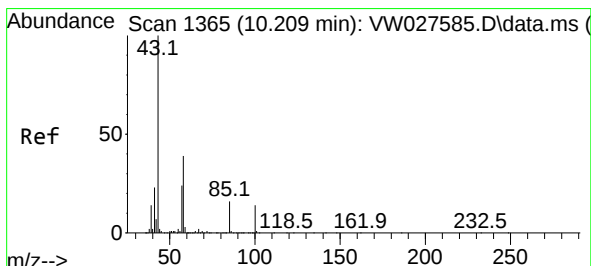
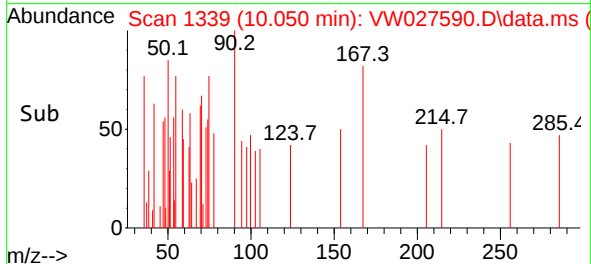
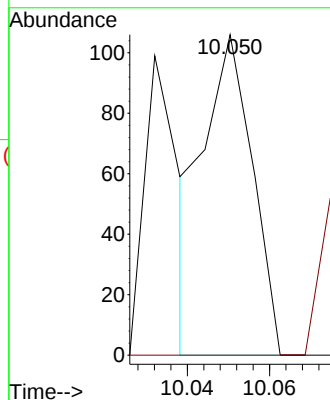
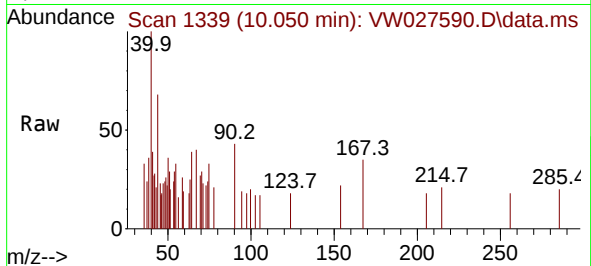
E0LQ7RE

Tgt Ion: 75 Resp: 85

Ion Ratio Lower Upper

75 100

77 62.3 21.1 39.1#



#40

4-Methyl-2-pentanone

Concen: 25.855 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VW027590.D

Acq: 12 Dec 2023 12:48

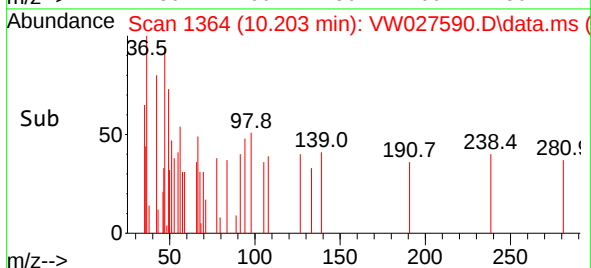
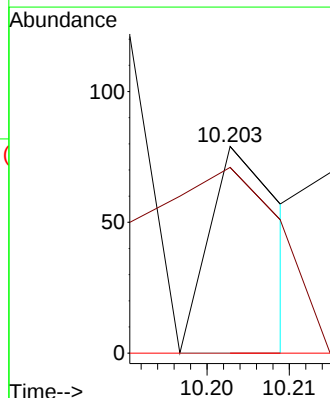
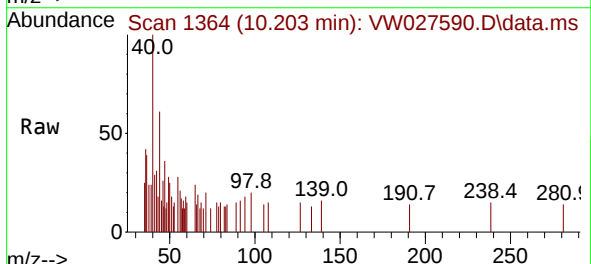
Tgt Ion: 43 Resp: 50

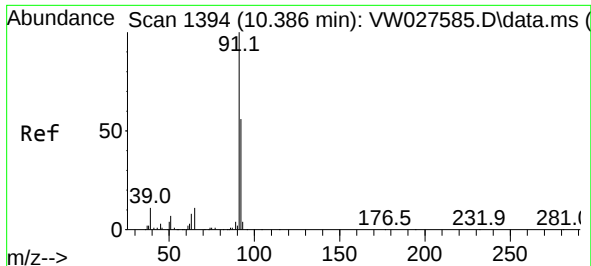
Ion Ratio Lower Upper

43 100

58 170.0 29.6 44.4#

100 0.0 11.1 16.7#

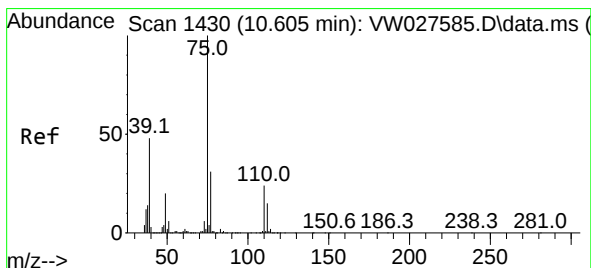
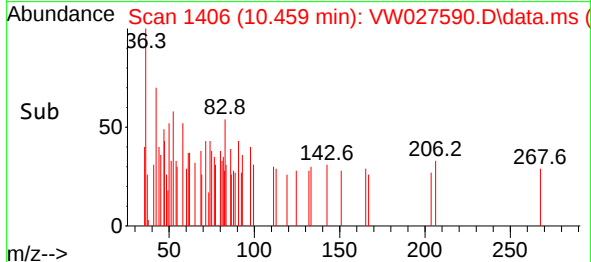
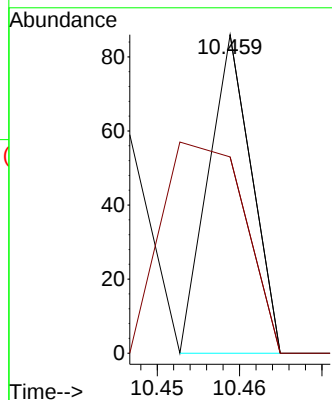
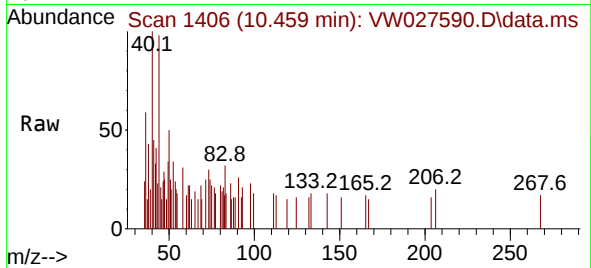




#42
Toluene
Concen: 2.705 ug/L
RT: 10.459 min Scan# 1406
Delta R.T. 0.073 min
Lab File: VW027590.D
Acq: 12 Dec 2023 12:48

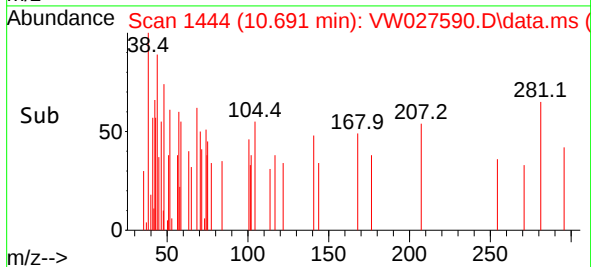
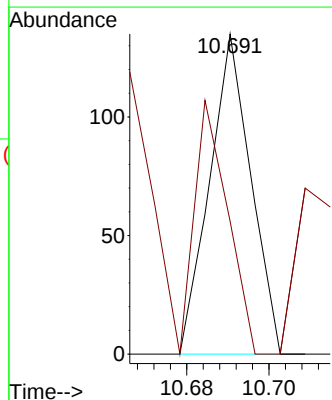
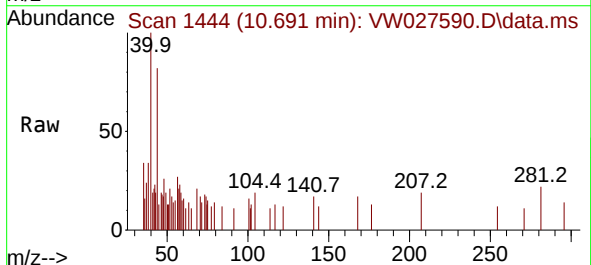
Instrument :
MSVOA_W
ClientSampleId :
E0LQ7RE

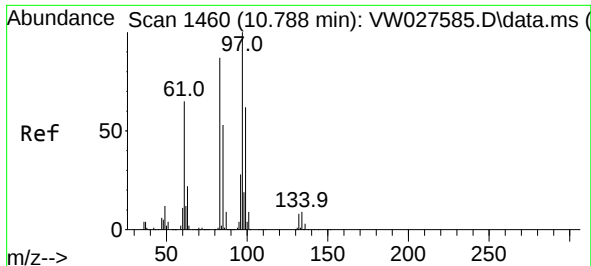
Tgt Ion: 91 Resp: 31
Ion Ratio Lower Upper
91 100
92 61.6 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 28.214 ug/L
RT: 10.691 min Scan# 1444
Delta R.T. 0.085 min
Lab File: VW027590.D
Acq: 12 Dec 2023 12:48

Tgt Ion: 75 Resp: 94
Ion Ratio Lower Upper
75 100
77 41.5 23.7 44.1

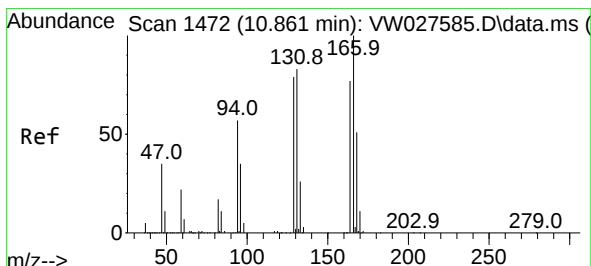
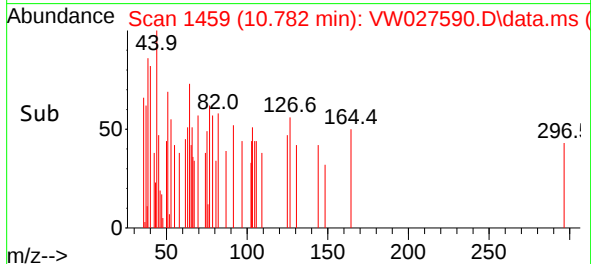
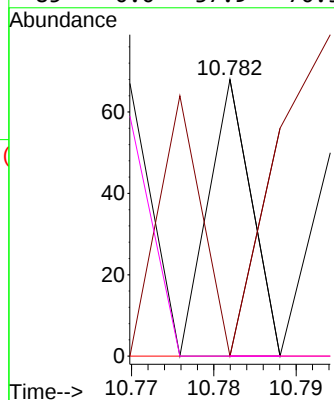
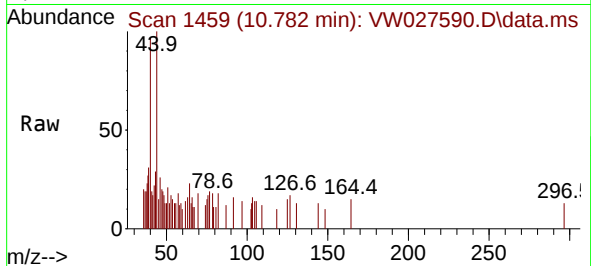




#45
1,1,2-Trichloroethane
Concen: 12.547 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW027590.D
Acq: 12 Dec 2023 12:48

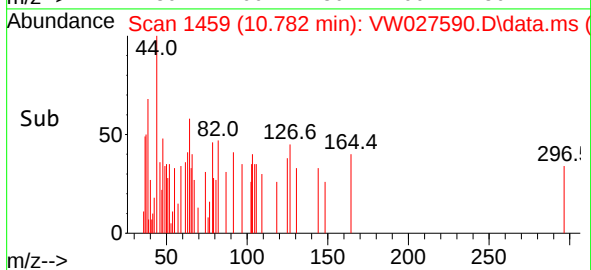
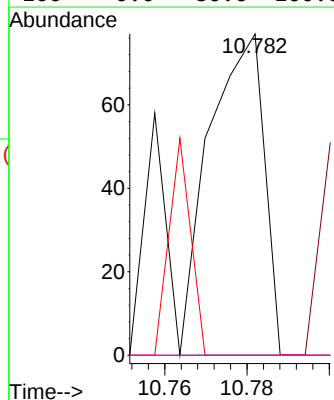
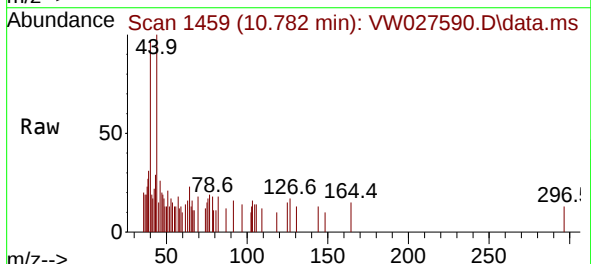
Instrument :
MSVOA_W
ClientSampleId :
E0LQ7RE

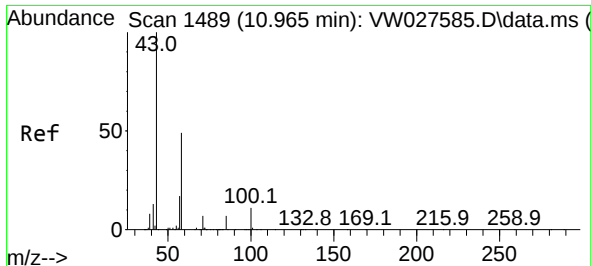
Tgt Ion: 97	Resp: 25
Ion Ratio	Lower Upper
97 100	
99 0.0	42.8 79.4#
83 0.0	59.9 111.3#
85 0.0	37.9 70.5#



#46
Tetrachloroethene
Concen: 34.123 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.079 min
Lab File: VW027590.D
Acq: 12 Dec 2023 12:48

Tgt	Ion:164	Resp:	72
Ion	Ratio	Lower	Upper
164	100		
129	0.0	71.0	131.8#
131	0.0	61.2	113.6#
166	0.0	86.6	160.8#

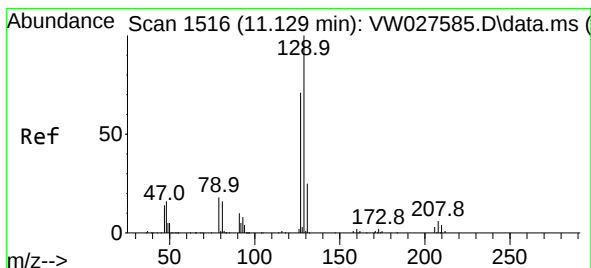
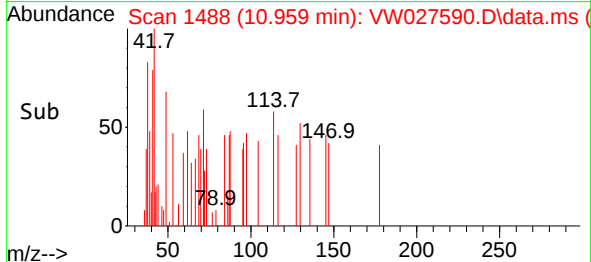
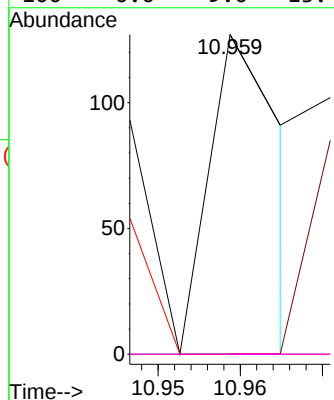
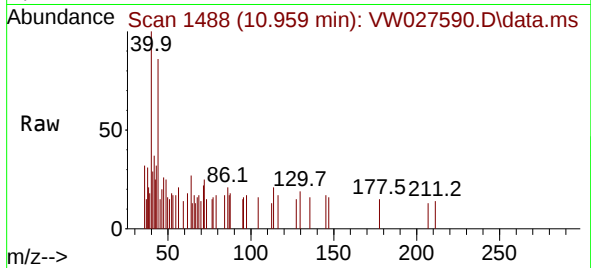




#48
2-Hexanone
Concen: 58.698 ug/L
RT: 10.959 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VW027590.D
Acq: 12 Dec 2023 12:48

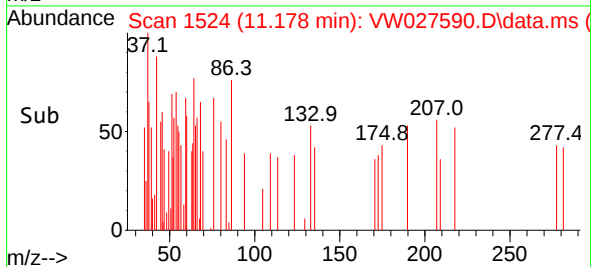
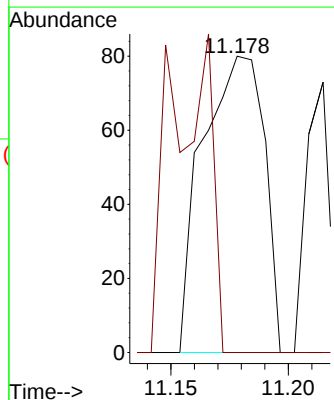
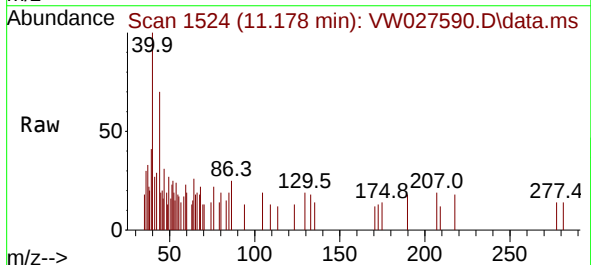
Instrument :
MSVOA_W
ClientSampleId :
E0LQ7RE

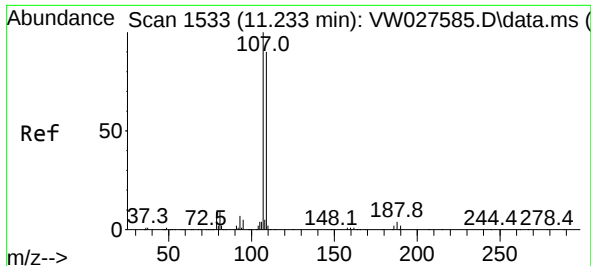
Tgt Ion: 43 Resp: 80
Ion Ratio Lower Upper
43 100
58 0.0 40.8 61.2#
57 0.0 14.8 22.2#
100 0.0 9.0 13.4#



#49
Dibromochloromethane
Concen: 74.130 ug/L
RT: 11.178 min Scan# 1524
Delta R.T. 0.049 min
Lab File: VW027590.D
Acq: 12 Dec 2023 12:48

Tgt Ion: 129 Resp: 146
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#





#50

1,2-Dibromoethane

Concen: 31.818 ug/L

RT: 11.300 min Scan# 11

Delta R.T. 0.067 min

Lab File: VW027590.D

Acq: 12 Dec 2023 12:48

Instrument :

MSVOA_W

ClientSampleId :

E0LQ7RE

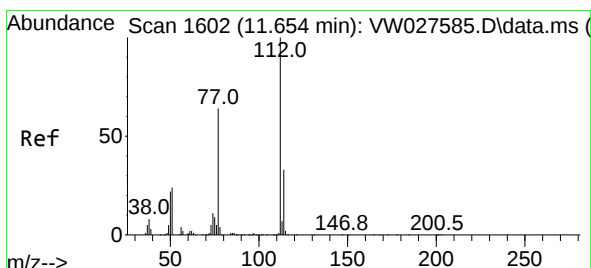
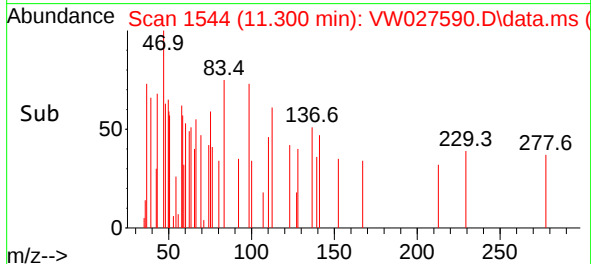
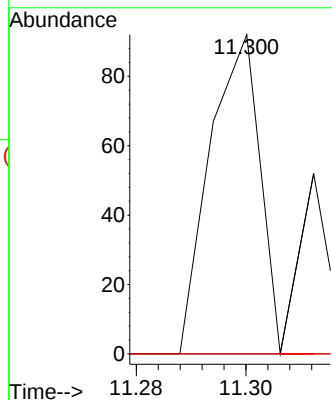
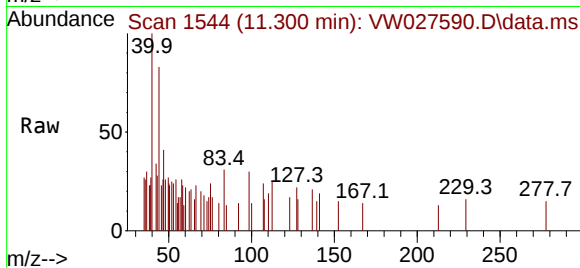
Tgt Ion:107 Resp: 58

Ion Ratio Lower Upper

107 100

109 0.0 64.8 120.3#

188 0.0 2.7 4.1#



#51

Chlorobenzene

Concen: 5.930 ug/L

RT: 11.562 min Scan# 1587

Delta R.T. -0.091 min

Lab File: VW027590.D

Acq: 12 Dec 2023 12:48

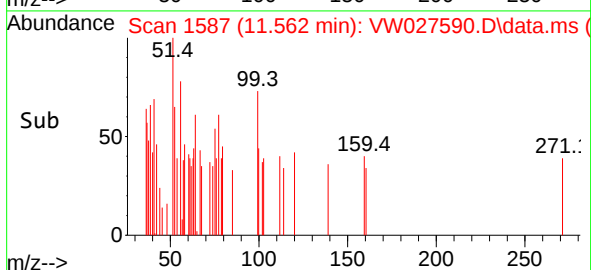
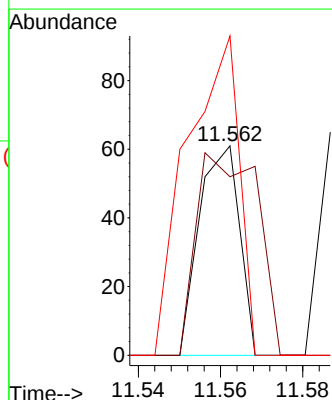
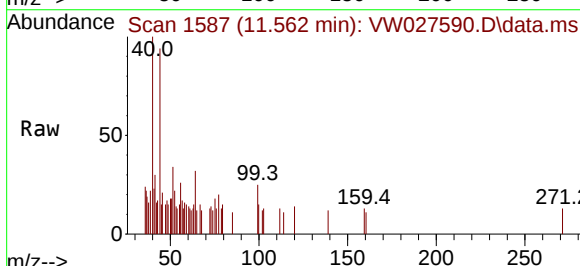
Tgt Ion:112 Resp: 41

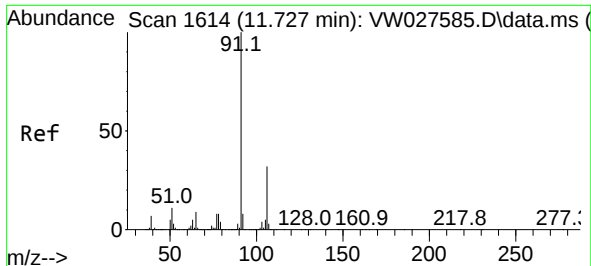
Ion Ratio Lower Upper

112 100

114 85.2 21.5 39.9#

77 152.5 50.6 76.0#

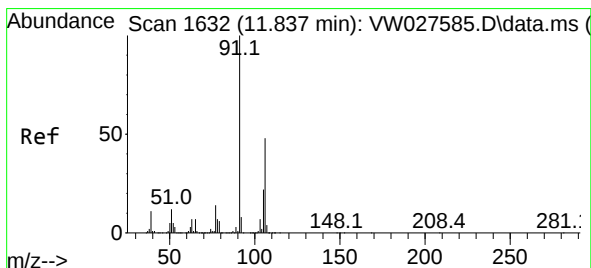
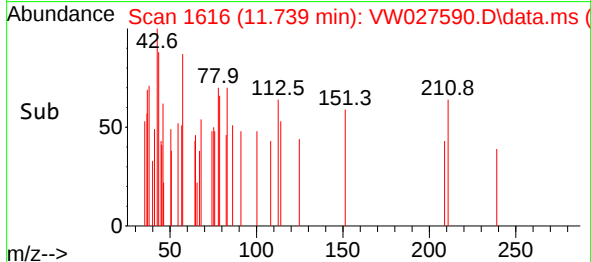
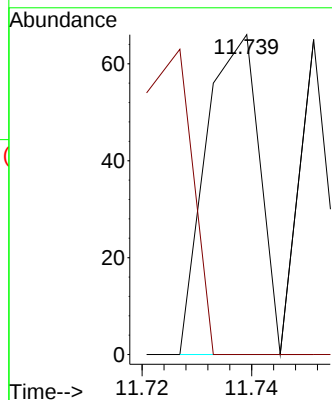
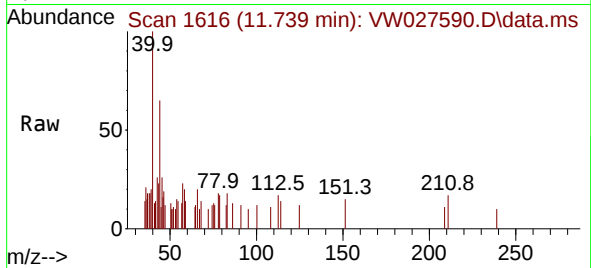




#52
Ethylbenzene
Concen: 3.457 ug/L
RT: 11.739 min Scan# 11
Delta R.T. 0.012 min
Lab File: VW027590.D
Acq: 12 Dec 2023 12:48

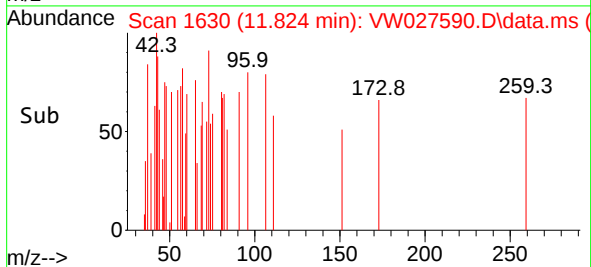
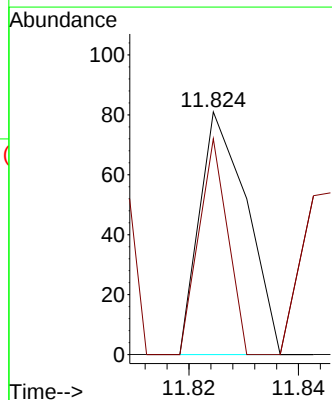
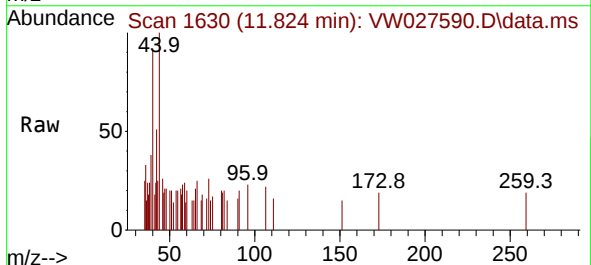
Instrument :
MSVOA_W
ClientSampleId :
E0LQ7RE

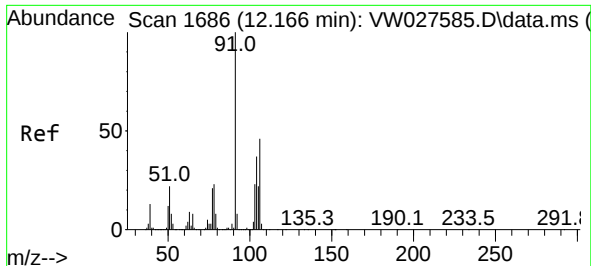
Tgt Ion: 91 Resp: 45
Ion Ratio Lower Upper
91 100
106 0.0 19.5 36.1#



#53
m,p-Xylene
Concen: 10.215 ug/L
RT: 11.824 min Scan# 1630
Delta R.T. -0.012 min
Lab File: VW027590.D
Acq: 12 Dec 2023 12:48

Tgt Ion:106 Resp: 49
Ion Ratio Lower Upper
106 100
91 88.9 142.1 263.9#

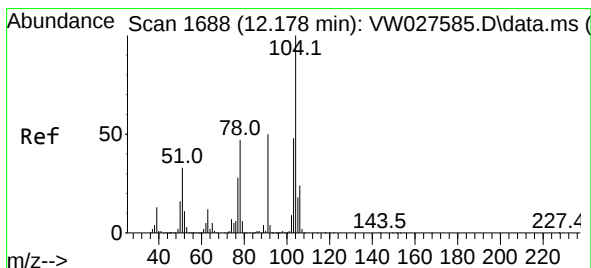
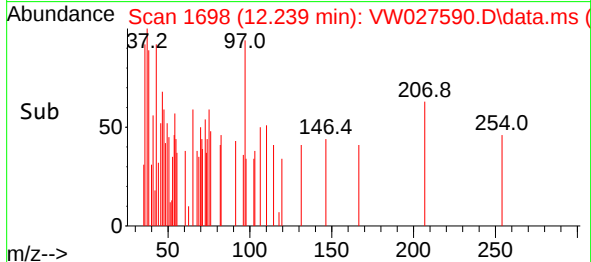
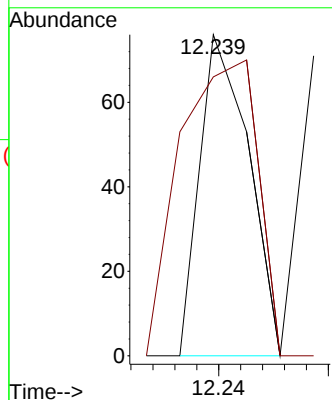
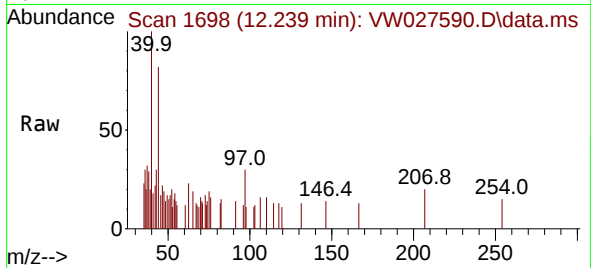




#54
o-Xylene
Concen: 10.780 ug/L
RT: 12.239 min Scan# 1673
Delta R.T. 0.073 min
Lab File: VW027590.D
Acq: 12 Dec 2023 12:48

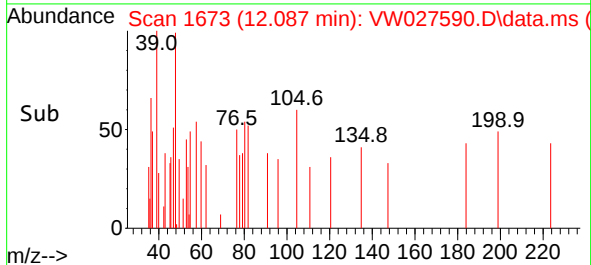
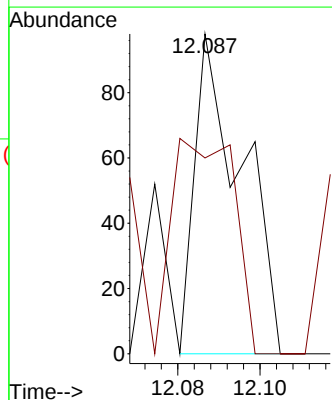
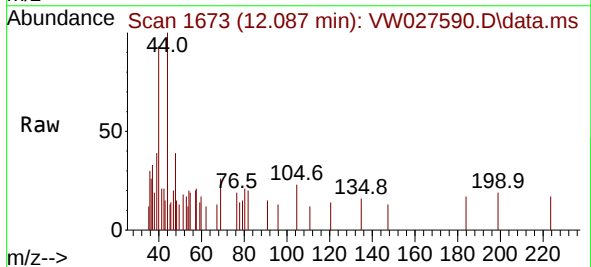
Instrument :
MSVOA_W
ClientSampleId :
E0LQ7RE

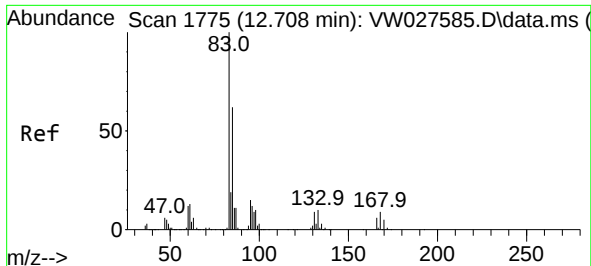
Tgt Ion:106 Resp: 47
Ion Ratio Lower Upper
106 100
91 86.8 158.8 295.0#



#55
Styrene
Concen: 10.481 ug/L
RT: 12.087 min Scan# 1673
Delta R.T. -0.091 min
Lab File: VW027590.D
Acq: 12 Dec 2023 12:48

Tgt Ion:104 Resp: 78
Ion Ratio Lower Upper
104 100
78 61.2 33.9 62.9





#57

1,1,2,2-Tetrachloroethane

Concen: 14.650 ug/L

RT: 12.654 min Scan# 1

Delta R.T. -0.055 min

Lab File: VW027590.D

Acq: 12 Dec 2023 12:48

Instrument :

MSVOA_W

ClientSampleId :

E0LQ7RE

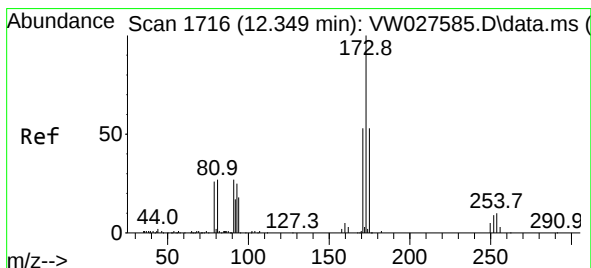
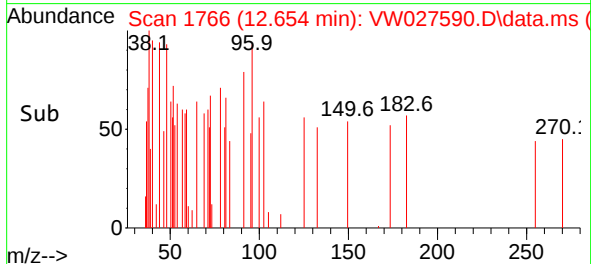
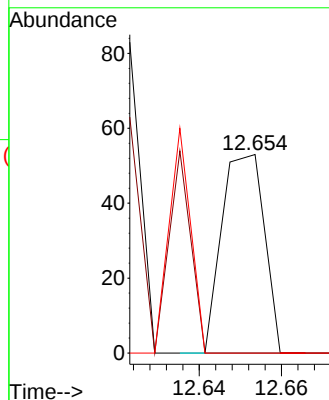
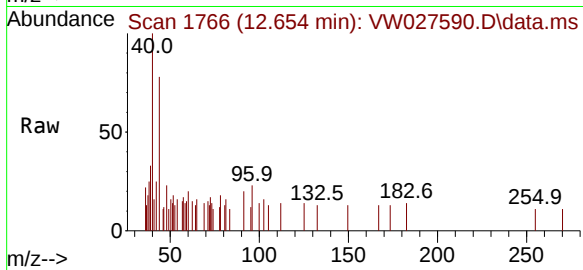
Tgt Ion: 83 Resp: 38

Ion Ratio Lower Upper

83 100

85 0.0 41.9 77.7#

131 0.0 7.0 10.6#



#59

Bromoform

Concen: 25.122 ug/L

RT: 12.373 min Scan# 1720

Delta R.T. 0.024 min

Lab File: VW027590.D

Acq: 12 Dec 2023 12:48

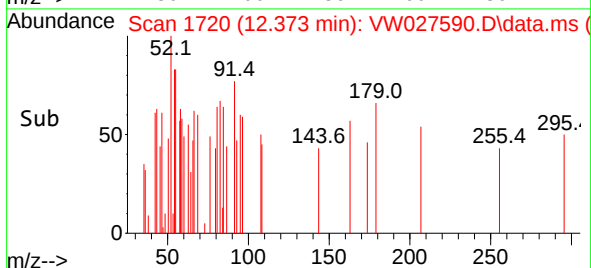
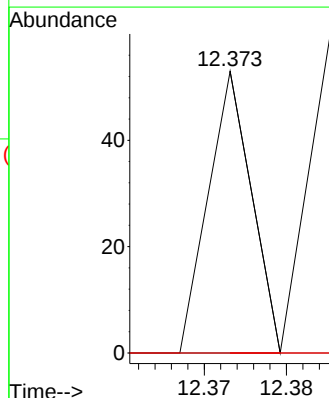
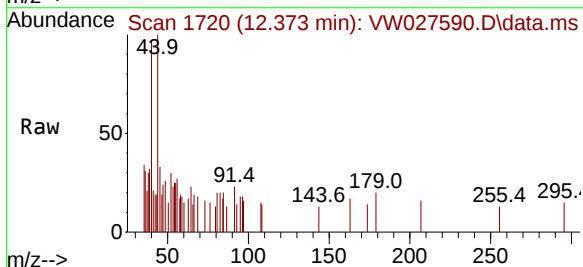
Tgt Ion:173 Resp: 19

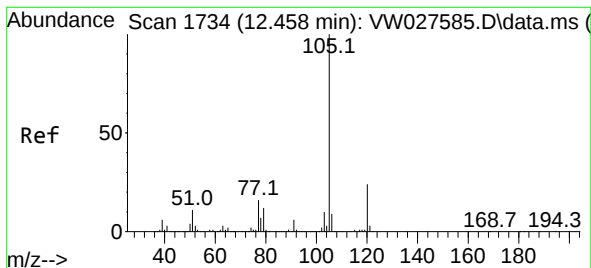
Ion Ratio Lower Upper

173 100

175 0.0 39.4 59.0#

254 0.0 7.8 11.8#





#60

Isopropylbenzene

Concen: 2.916 ug/L

RT: 12.416 min Scan# 1

Delta R.T. -0.043 min

Lab File: VW027590.D

Acq: 12 Dec 2023 12:48

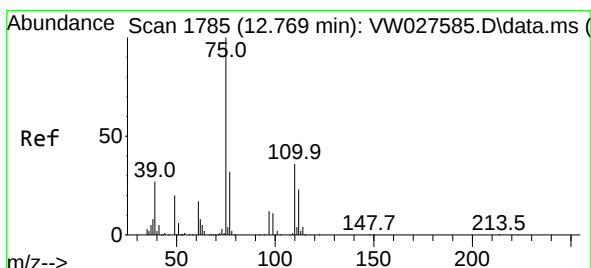
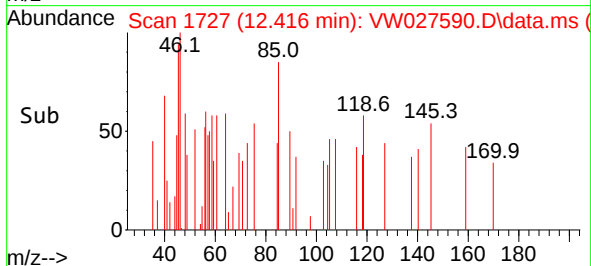
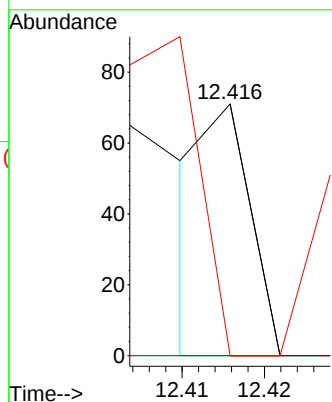
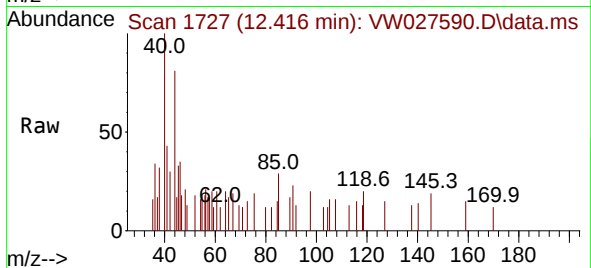
Instrument :

MSVOA_W

ClientSampleId :

E0LQ7RE

Tgt Ion:	105	Resp:	26
Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.3	30.5#
77	242.3	13.1	19.7#



#61

1,2,3-Trichloropropane

Concen: 165.840 ug/L

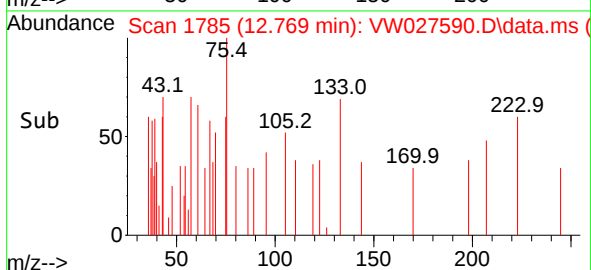
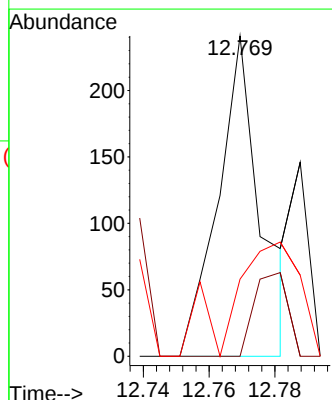
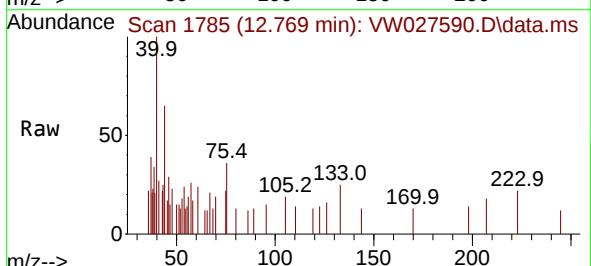
RT: 12.769 min Scan# 1785

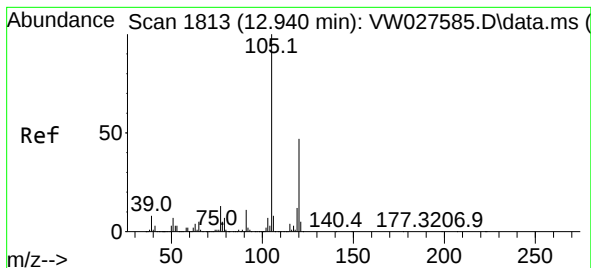
Delta R.T. 0.000 min

Lab File: VW027590.D

Acq: 12 Dec 2023 12:48

Tgt Ion:	75	Resp:	216
Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.6	39.8#
110	9.3	30.2	45.4#





#62

1,3,5-Trimethylbenzene

Concen: 15.771 ug/L

RT: 13.848 min Scan# 1962

Delta R.T. 0.908 min

Lab File: VW027590.D

Acq: 12 Dec 2023 12:48

Instrument :

MSVOA_W

ClientSampleId :

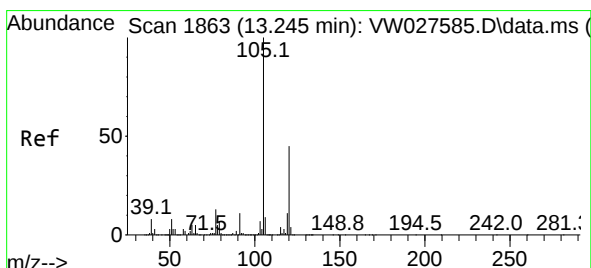
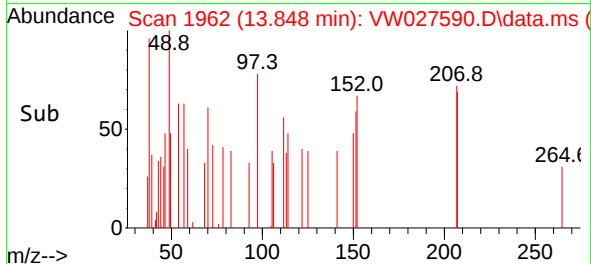
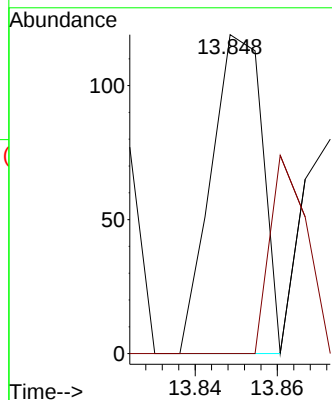
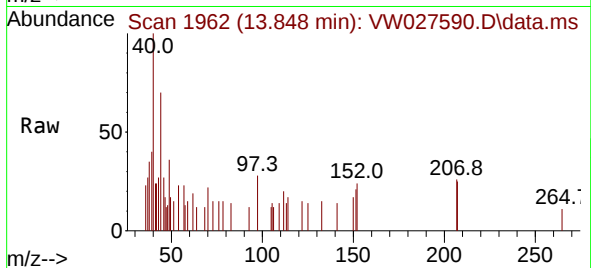
E0LQ7RE

Tgt Ion:105 Resp: 104

Ion Ratio Lower Upper

105 100

120 44.2 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 15.835 ug/L

RT: 13.848 min Scan# 1962

Delta R.T. 0.604 min

Lab File: VW027590.D

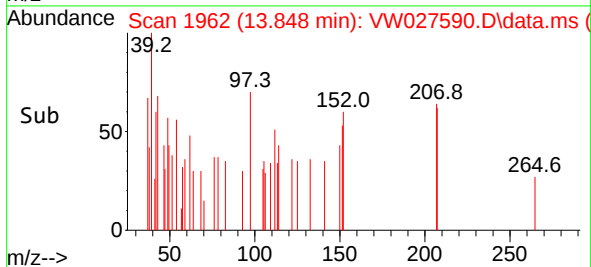
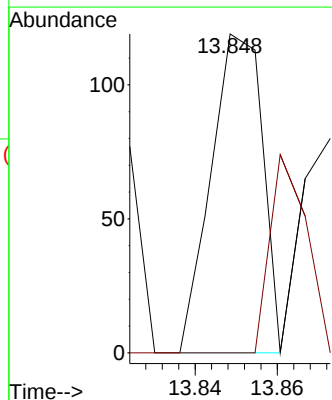
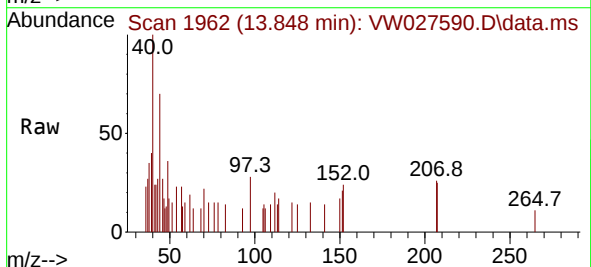
Acq: 12 Dec 2023 12:48

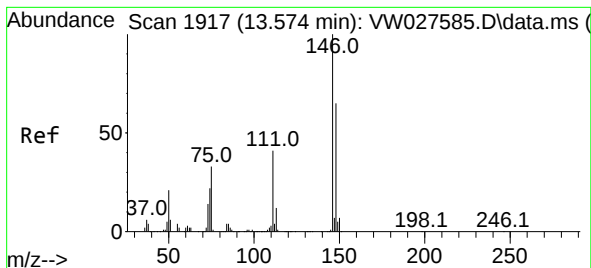
Tgt Ion:105 Resp: 104

Ion Ratio Lower Upper

105 100

120 44.2 36.9 55.3





#65

1,4-Dichlorobenzene

Concen: 15.559 ug/L

RT: 13.879 min Scan# 1917

Delta R.T. 0.305 min

Lab File: VW027590.D

Acq: 12 Dec 2023 12:48

Instrument :

MSVOA_W

ClientSampleId :

E0LQ7RE

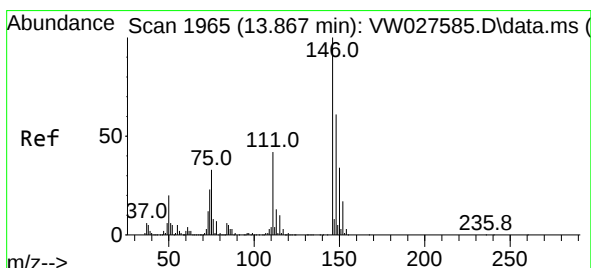
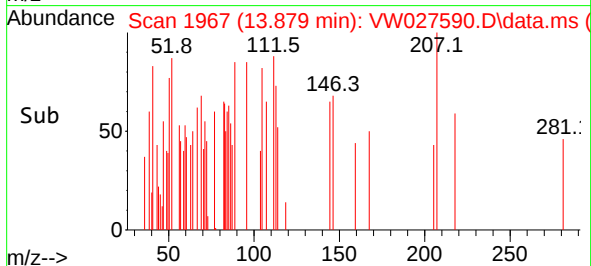
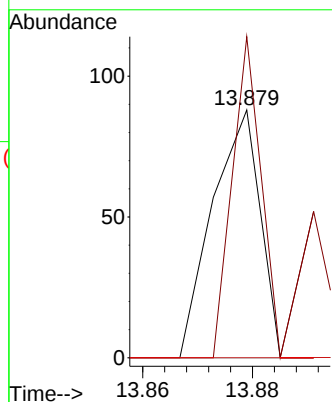
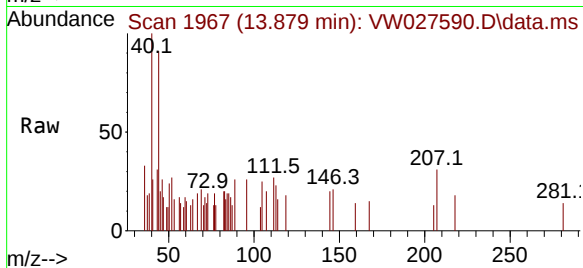
Tgt Ion:146 Resp: 53

Ion Ratio Lower Upper

146 100

111 129.5 28.9 53.7#

148 0.0 44.9 83.5#



#67

1,2-Dichlorobenzene

Concen: 17.226 ug/L

RT: 13.879 min Scan# 1967

Delta R.T. 0.012 min

Lab File: VW027590.D

Acq: 12 Dec 2023 12:48

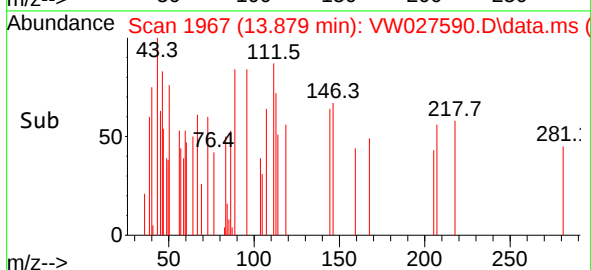
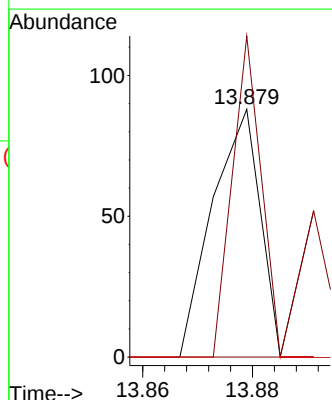
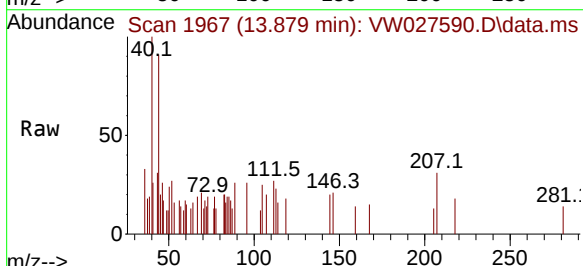
Tgt Ion:146 Resp: 53

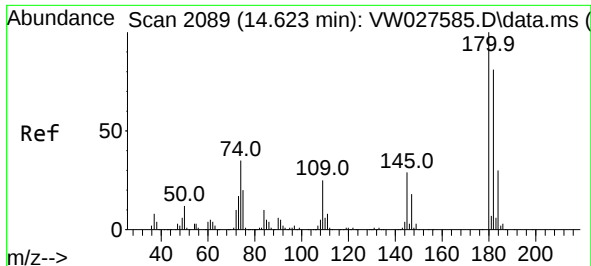
Ion Ratio Lower Upper

146 100

111 129.5 33.9 50.9#

148 0.0 49.5 74.3#





#69

1,3,5-Trichlorobenzene

Concen: 18.289 ug/L

RT: 13.733 min Scan# 1943

Delta R.T. -0.890 min

Lab File: VW027590.D

Acq: 12 Dec 2023 12:48

Instrument :

MSVOA_W

ClientSampleId :

E0LQ7RE

Tgt Ion:180 Resp: 42

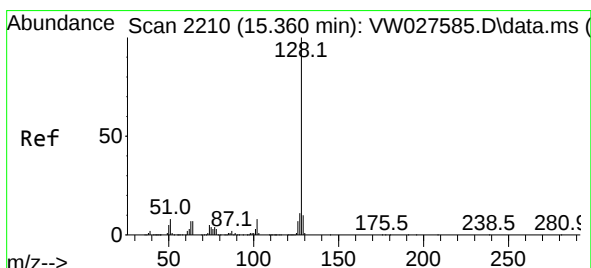
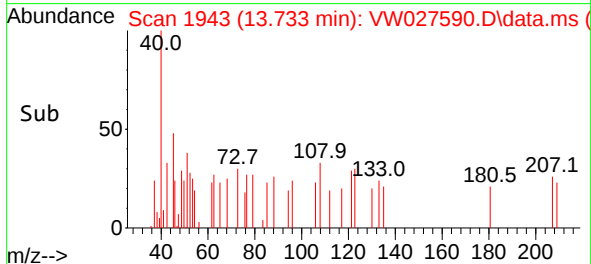
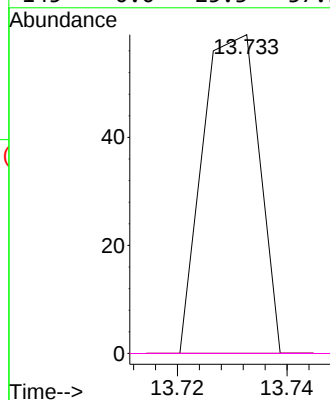
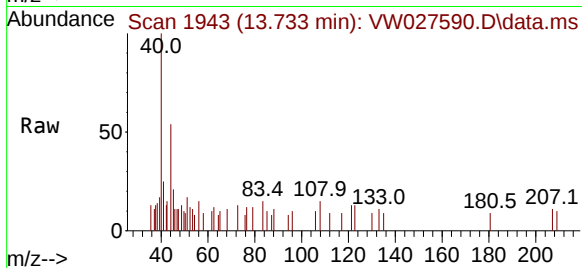
Ion Ratio Lower Upper

180 100

182 109.5 73.2 109.8

184 116.7 25.4 38.2#

145 0.0 25.3 37.9#



#71

Naphthalene

Concen: 12.264 ug/L

RT: 15.446 min Scan# 2224

Delta R.T. 0.085 min

Lab File: VW027590.D

Acq: 12 Dec 2023 12:48

Tgt Ion:128 Resp: 46

Ion Ratio Lower Upper

128 100

127 93.5 10.3 15.5#

129 115.2 8.6 12.8#

