

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121323\
 Data File : VW027604.D
 Acq On : 13 Dec 2023 19:01
 Operator : SY/MD
 Sample : 05806-02
 Misc : 7.12g/10mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0LR5

Quant Time: Dec 14 00:20:26 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	8.928	114	58	25.000	ug/L	# 0.09
28) Chlorobenzene-d5	11.629	117	86	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.513	152	47	25.000	ug/L	-0.04
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.485	65	135	115.665	ug/L	0.12
Spiked Amount	25.000	Range	30 - 150	Recovery	= 462.640%#	
7) Chloroethane-d5	2.887	69	63	74.459	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 297.840%#	
11) 1,1-Dichloroethene-d2	4.027	65	19	38.471	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 153.880%#	
21) 2-Butanone-d5	6.965	46	143	467.562	ug/L	-0.12
Spiked Amount	50.000	Range	20 - 135	Recovery	= 935.120%#	
24) Chloroform-d	7.648	84	90	51.986	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 207.960%#	
26) 1,2-Dichloroethane-d4	8.313	65	72	81.327	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 325.320%#	
32) Benzene-d6	8.294	84	158	26.085	ug/L	0.02
Spiked Amount	25.000	Range	20 - 135	Recovery	= 104.320%	
36) 1,2-Dichloropropane-d6	9.282	67	60	33.601	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 134.400%#	
41) Toluene-d8	10.331	98	70	13.208	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 52.840%	
43) trans-1,3-Dichloroprop...	10.587	79	46	66.616	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 266.480%#	
47) 2-Hexanone-d5	10.910	63	48	144.270	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 288.540%#	
56) 1,1,2,2-Tetrachloroeth...	12.660	84	71	48.340	ug/L	-0.03
Spiked Amount	25.000	Range	45 - 120	Recovery	= 193.360%#	
66) 1,2-Dichlorobenzene-d4	13.891	152	79	47.951	ug/L	0.04
Spiked Amount	25.000	Range	75 - 120	Recovery	= 191.800%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.052	85	150	193.153	ug/L	# 41
3) Chloromethane	2.174	50	106	111.448	ug/L	91
5) Vinyl chloride	2.381	62	109	98.246	ug/L	# 43
6) Bromomethane	2.625	94	30	51.525	ug/L	99
8) Chloroethane	2.826	64	198	312.468	ug/L	85
9) Trichlorofluoromethane	3.143	101	121	113.875	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.094	101	79	87.189	ug/L	# 1
12) 1,1-Dichloroethene	3.966	96	47	56.813	ug/L	# 54
13) Acetone	4.088	43	215	729.217	ug/L	48
14) Carbon disulfide	4.405	76	24	9.600	ug/L	# 74
15) Methyl Acetate	4.679	43	88	170.779	ug/L	# 33
16) Methylene chloride	5.063	84	89	94.100	ug/L	86
17) trans-1,2-Dichloroethene	5.417	96	135	158.258	ug/L	# 14
18) Methyl tert-butyl Ether	5.380	73	51	37.065	ug/L	# 1
19) 1,1-Dichloroethane	6.240	63	70	40.351	ug/L	# 50
20) cis-1,2-Dichloroethene	7.154	96	156	170.287	ug/L	# 1
22) 2-Butanone	7.185	43	142	373.321	ug/L	87
23) Bromochloromethane	7.398	128	21	58.281	ug/L	# 63
25) Chloroform	7.709	83	74	46.980	ug/L	81

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

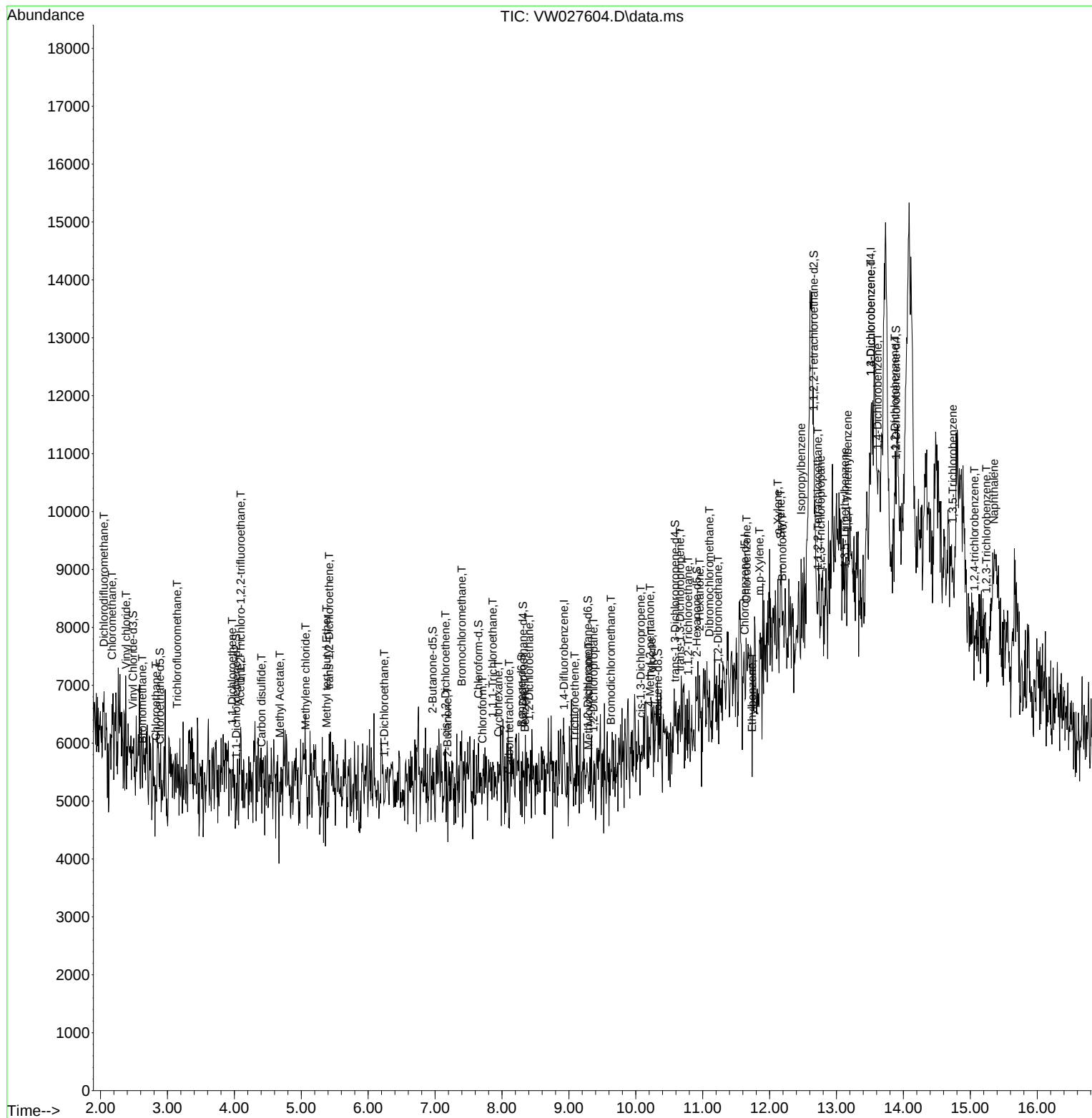
27) 1,2-Dichloroethane	8.404	62	61	59.919	ug/L #	75
29) Cyclohexane	7.947	56	207	73.214	ug/L #	88
30) 1,1,1-Trichloroethane	7.862	97	71	29.596	ug/L #	3
31) Carbon tetrachloride	8.105	117	37	17.682	ug/L #	2
33) Benzene	8.343	78	74	12.467	ug/L	100
34) Trichloroethene	9.087	95	44	27.139	ug/L #	20
35) Methylcyclohexane	9.294	83	82	28.405	ug/L	91
37) 1,2-Dichloropropane	9.367	63	110	70.191	ug/L #	86
38) Bromodichloromethane	9.630	83	98	54.092	ug/L #	24
39) cis-1,3-Dichloropropene	10.075	75	52	22.985	ug/L #	1
40) 4-Methyl-2-pentanone	10.215	43	118	111.393	ug/L #	45
42) Toluene	10.239	91	82	13.062	ug/L	81
44) trans-1,3-Dichloropropene	10.660	75	213	116.713	ug/L #	1
45) 1,1,2-Trichloroethane	10.782	97	99	90.708	ug/L #	44
48) 2-Hexanone	10.953	43	35	46.881	ug/L #	1
49) Dibromochloromethane	11.099	129	102	94.546	ug/L	89
50) 1,2-Dibromoethane	11.227	107	23	23.034	ug/L #	80
51) Chlorobenzene	11.654	112	42	11.089	ug/L #	1
52) Ethylbenzene	11.739	91	63	8.834	ug/L #	47
53) m,p-Xylene	11.849	106	19	7.231	ug/L	84
54) o-Xylene	12.123	106	82	34.334	ug/L	98
55) Styrene	12.166	104	72	17.663	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	12.720	83	11	7.742	ug/L #	57
59) Bromoform	12.190	173	43	65.323	ug/L #	19
60) Isopropylbenzene	12.471	105	88	11.340	ug/L #	26
61) 1,2,3-Trichloropropane	12.763	75	42	37.049	ug/L #	39
62) 1,3,5-Trimethylbenzene	13.123	105	95	16.552	ug/L	89
63) 1,2,4-Trimethylbenzene	13.166	105	167	29.215	ug/L	92
64) 1,3-Dichlorobenzene	13.513	146	54	18.167	ug/L #	1
65) 1,4-Dichlorobenzene	13.617	146	49	16.527	ug/L #	24
67) 1,2-Dichlorobenzene	13.873	146	47	17.551	ug/L #	53
69) 1,3,5-Trichlorobenzene	14.738	180	54	27.016	ug/L #	27
70) 1,2,4-trichlorobenzene	15.062	180	56	36.079	ug/L #	10
71) Naphthalene	15.354	128	19	5.820	ug/L #	69
72) 1,2,3-Trichlorobenzene	15.238	180	41	30.835	ug/L #	25

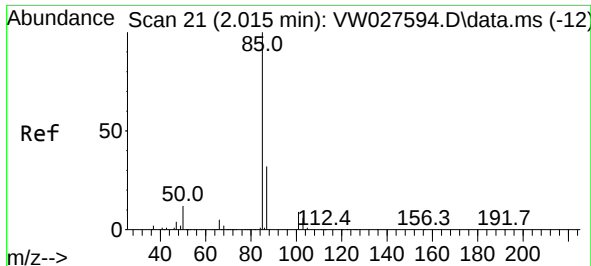
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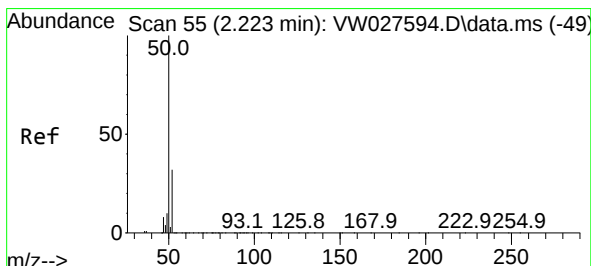
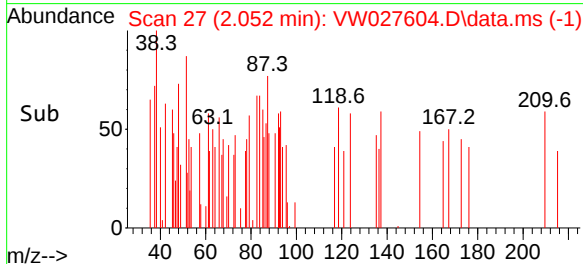
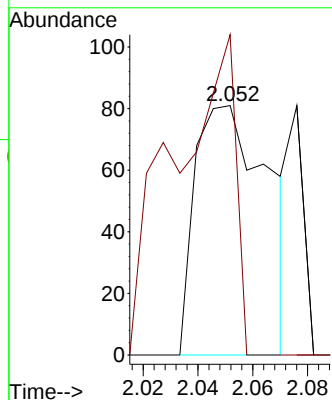
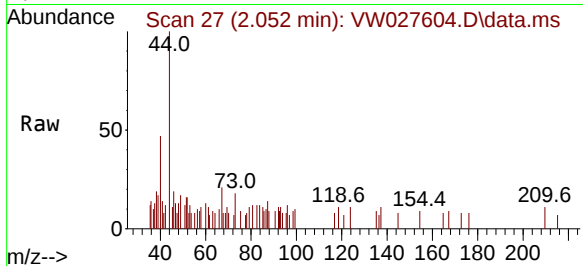




#2
Dichlorodifluoromethane
Concen: 193.153 ug/L
RT: 2.052 min Scan# 21
Delta R.T. 0.030 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

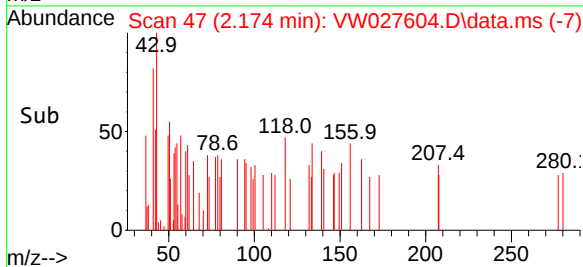
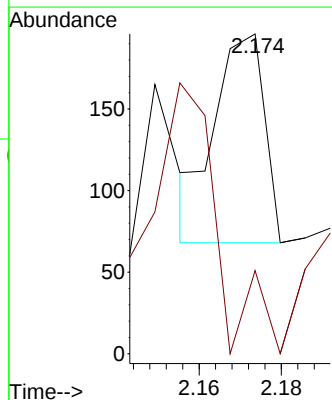
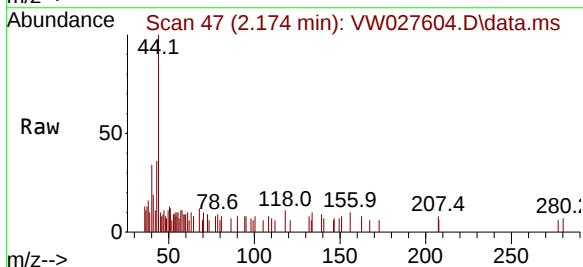
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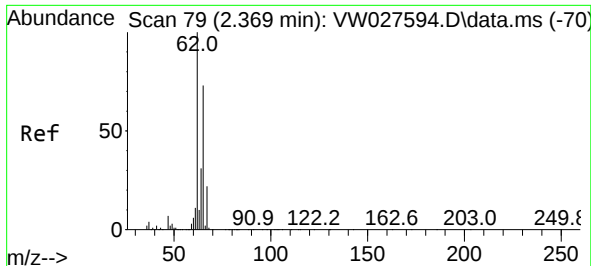
Tgt Ion: 85 Resp: 150
Ion Ratio Lower Upper
85 100
87 62.0 24.0 36.0#



#3
Chloromethane
Concen: 111.448 ug/L
RT: 2.174 min Scan# 47
Delta R.T. -0.055 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

Tgt Ion: 50 Resp: 106
Ion Ratio Lower Upper
50 100
52 26.0 21.8 40.6

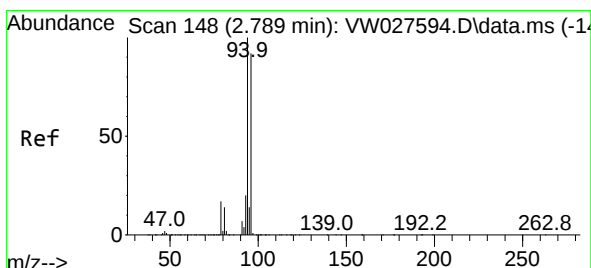
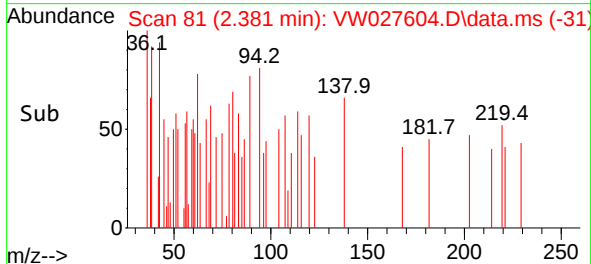
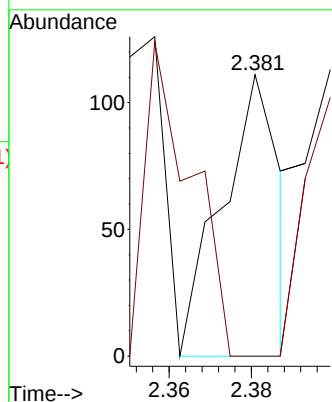
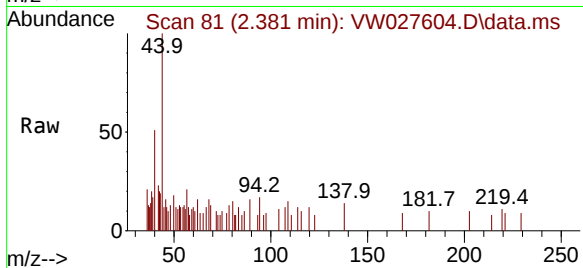




#5
 Vinyl chloride
 Concen: 98.246 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW027604.D
 Acq: 13 Dec 2023 19:01

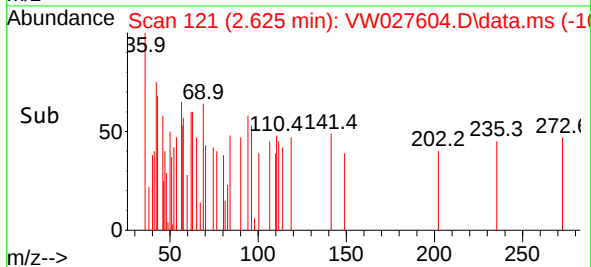
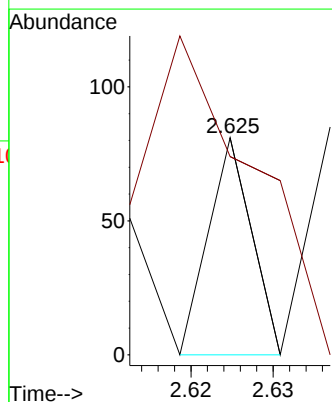
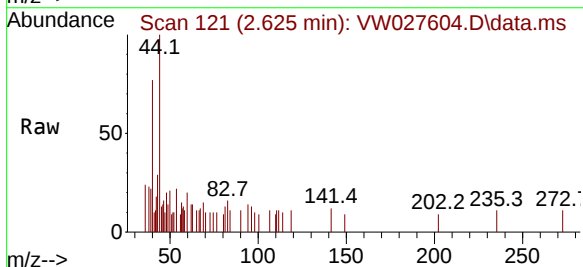
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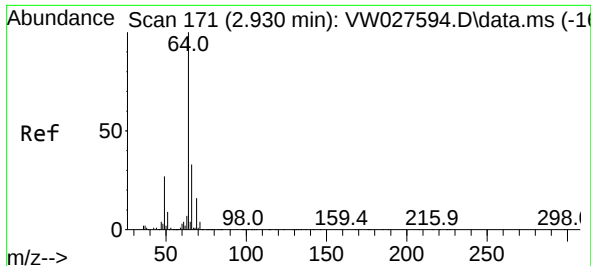
Tgt Ion: 62 Resp: 109
 Ion Ratio Lower Upper
 62 100
 64 0.0 22.2 41.2#



#6
 Bromomethane
 Concen: 51.525 ug/L
 RT: 2.625 min Scan# 121
 Delta R.T. -0.177 min
 Lab File: VW027604.D
 Acq: 13 Dec 2023 19:01

Tgt Ion: 94 Resp: 30
 Ion Ratio Lower Upper
 94 100
 96 91.4 63.3 117.7

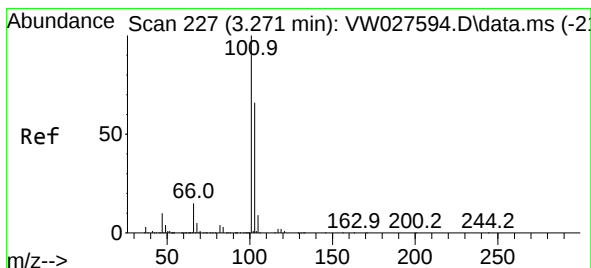
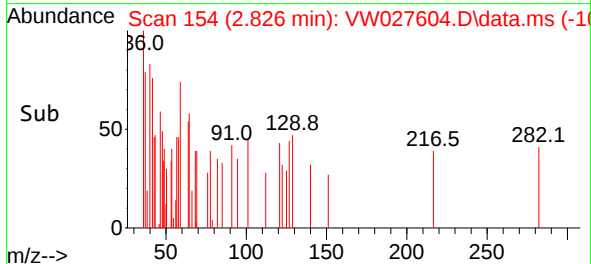
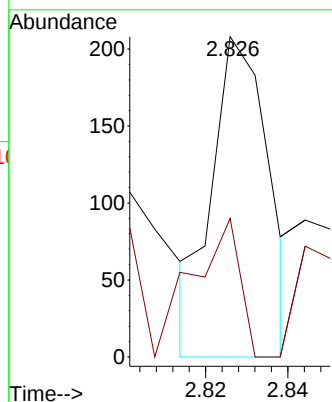
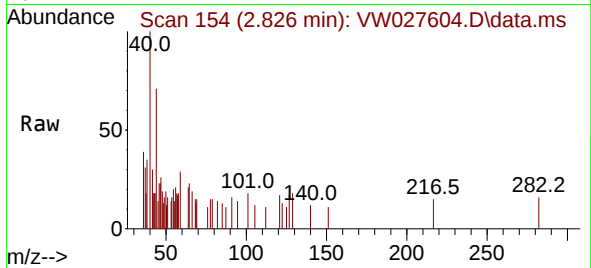




#8
Chloroethane
Concen: 312.468 ug/L
RT: 2.826 min Scan# 11
Delta R.T. -0.110 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

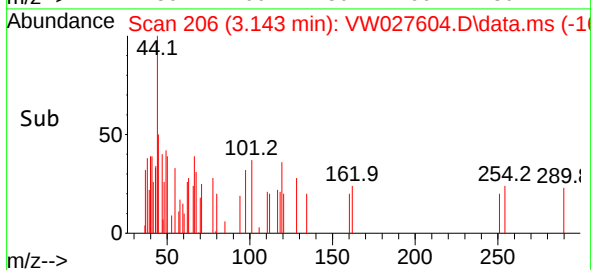
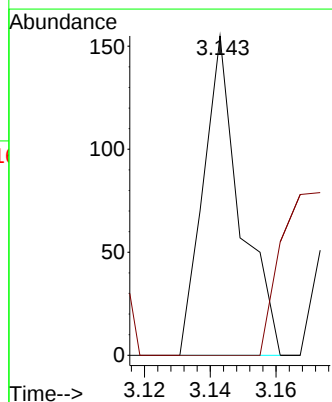
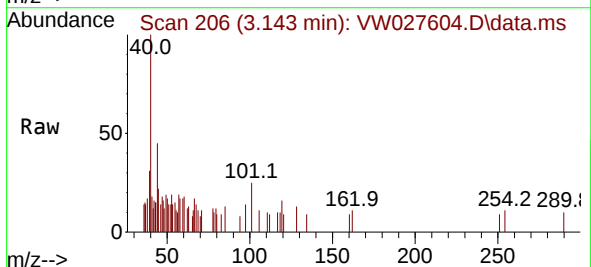
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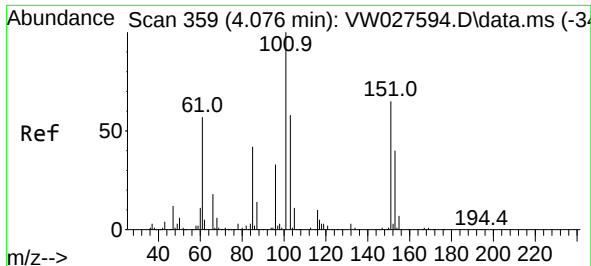
Tgt Ion: 64 Resp: 198
Ion Ratio Lower Upper
64 100
66 43.3 24.1 44.7



#9
Trichlorofluoromethane
Concen: 113.875 ug/L
RT: 3.143 min Scan# 206
Delta R.T. -0.140 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

Tgt Ion: 101 Resp: 121
Ion Ratio Lower Upper
101 100
103 64.5 52.0 78.0

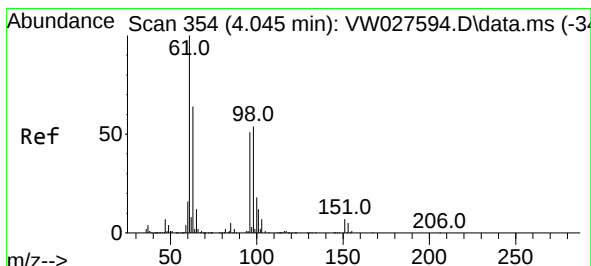
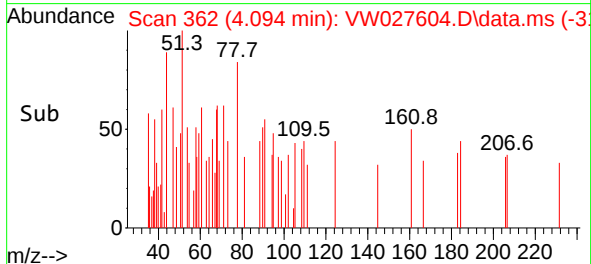
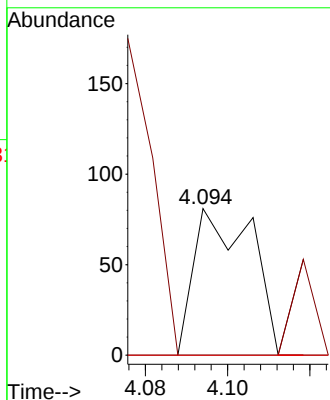
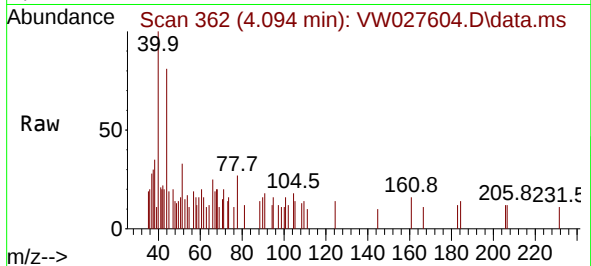




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 87.189 ug/L
 RT: 4.094 min Scan# 30
 Delta R.T. 0.012 min
 Lab File: VW027604.D
 Acq: 13 Dec 2023 19:01

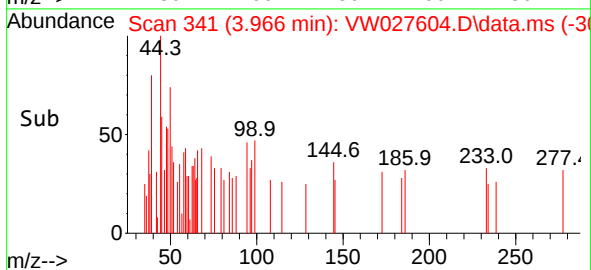
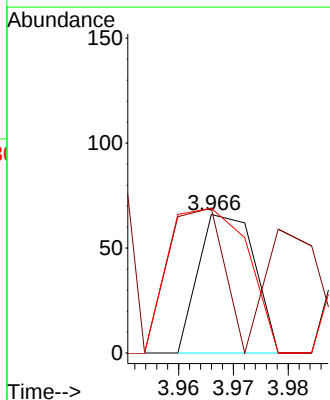
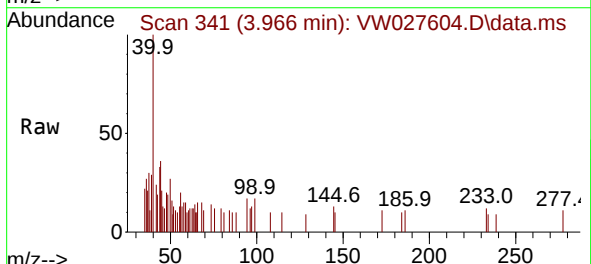
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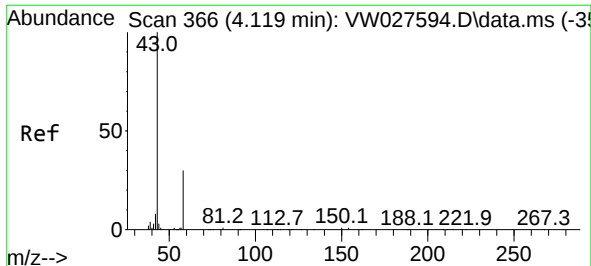
Tgt Ion:101 Resp: 79
 Ion Ratio Lower Upper
 101 100
 85 132.9 33.9 50.9#
 151 0.0 54.6 81.8#



#12
 1,1-Dichloroethene
 Concen: 56.813 ug/L
 RT: 3.966 min Scan# 341
 Delta R.T. -0.085 min
 Lab File: VW027604.D
 Acq: 13 Dec 2023 19:01

Tgt Ion: 96 Resp: 47
 Ion Ratio Lower Upper
 96 100
 61 104.5 127.8 237.4#
 63 104.5 104.9 194.7#

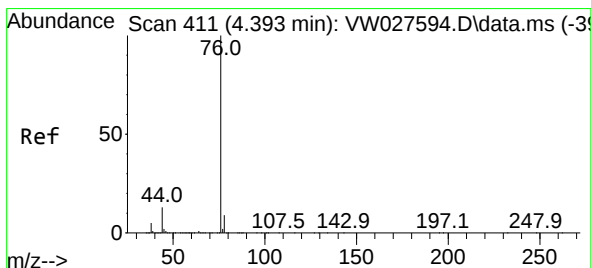
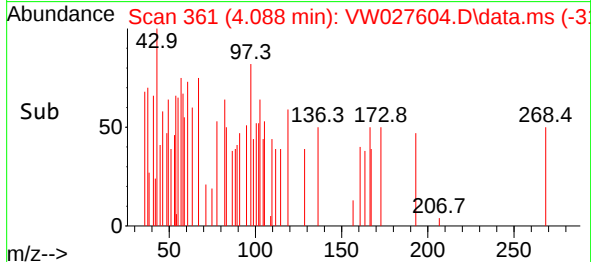
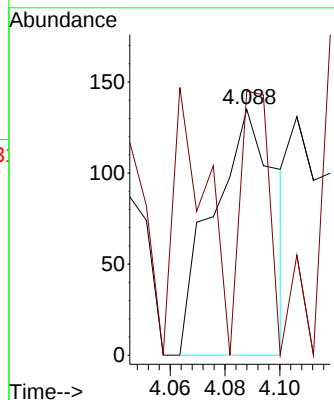
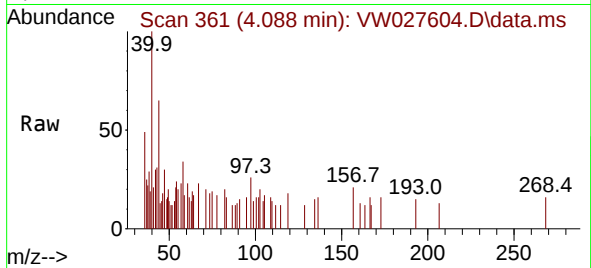




#13
Acetone
Concen: 729.217 ug/L
RT: 4.088 min Scan# 366
Delta R.T. -0.031 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

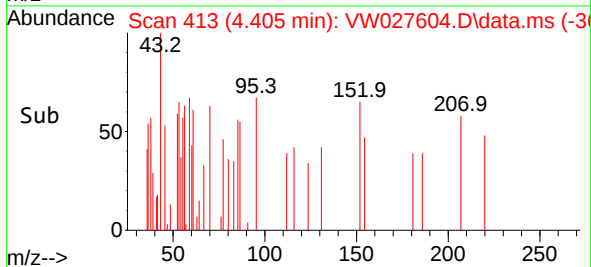
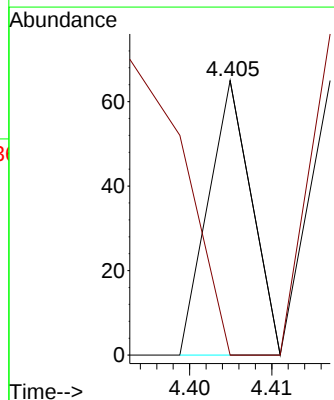
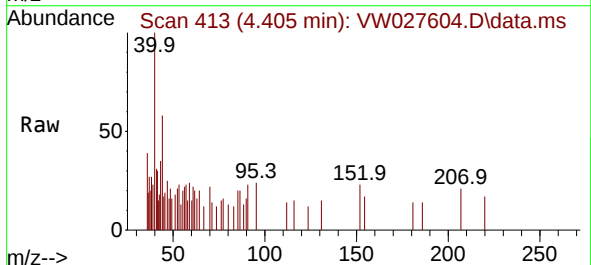
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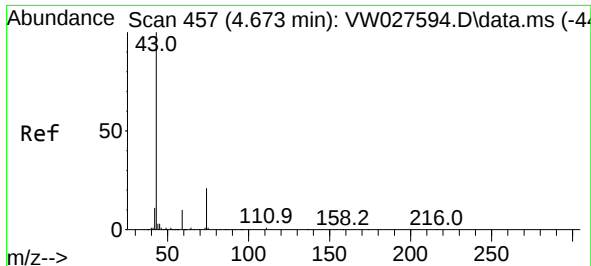
Tgt Ion: 43 Resp: 215
Ion Ratio Lower Upper
43 100
58 58.1 0.0 60.0



#14
Carbon disulfide
Concen: 9.600 ug/L
RT: 4.405 min Scan# 413
Delta R.T. 0.012 min
Lab File: VW027604.D
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Tgt Ion: 76 Resp: 24
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

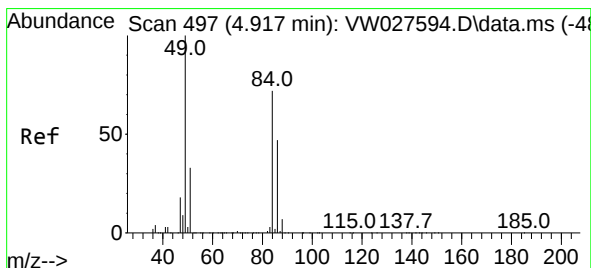
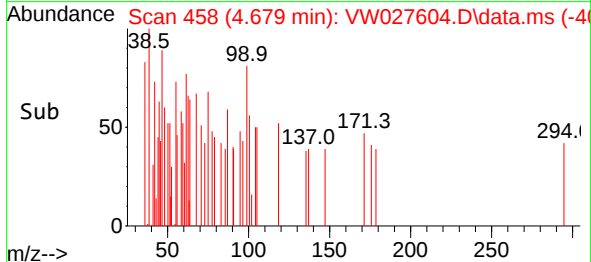
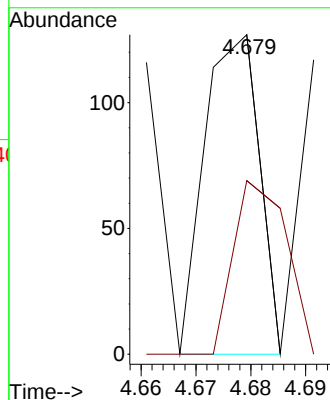
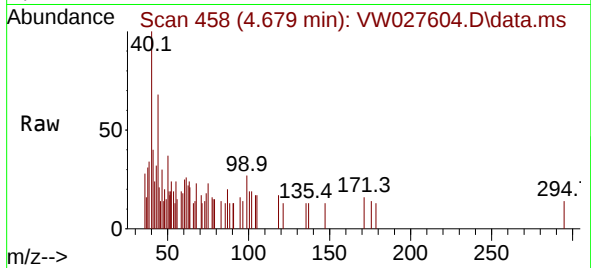




#15
Methyl Acetate
Concen: 170.779 ug/L
RT: 4.679 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

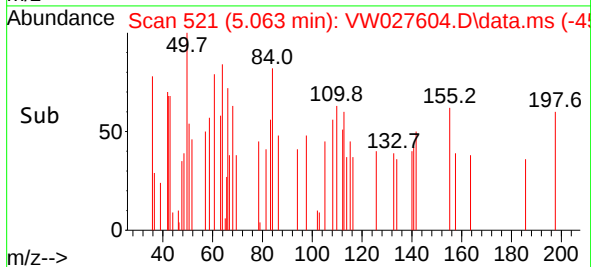
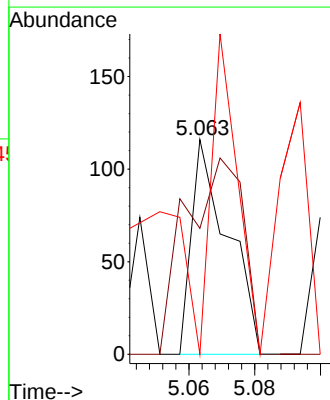
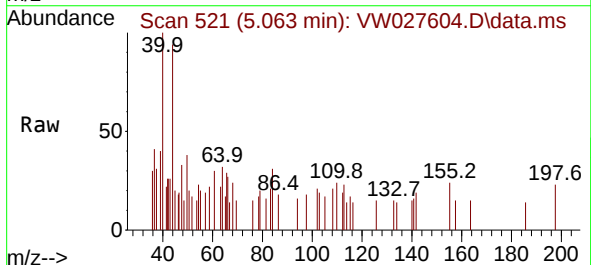
Instrument :
MSVOA_W
ClientSampleId :
E0LR5

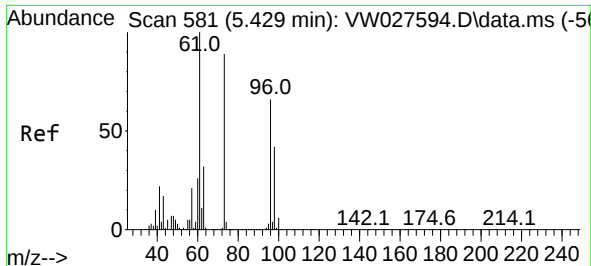
Tgt Ion: 43 Resp: 88
Ion Ratio Lower Upper
43 100
74 52.3 16.8 25.2#



#16
Methylene chloride
Concen: 94.100 ug/L
RT: 5.063 min Scan# 521
Delta R.T. 0.134 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

Tgt Ion: 84 Resp: 89
Ion Ratio Lower Upper
84 100
86 58.6 47.7 88.7
49 121.6 97.4 181.0





#17

trans-1,2-Dichloroethene

Concen: 158.258 ug/L

RT: 5.417 min Scan# 51

Delta R.T. -0.018 min

Lab File: VW027604.D

Acq: 13 Dec 2023 19:01

Instrument :

MSVOA_W

ClientSampleId :

E0LR5

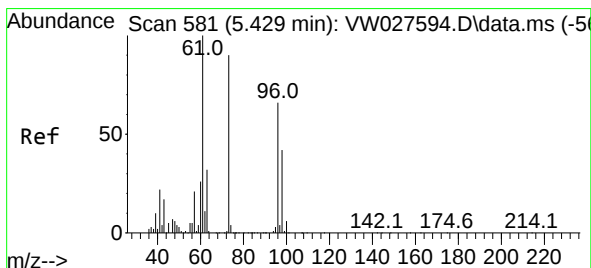
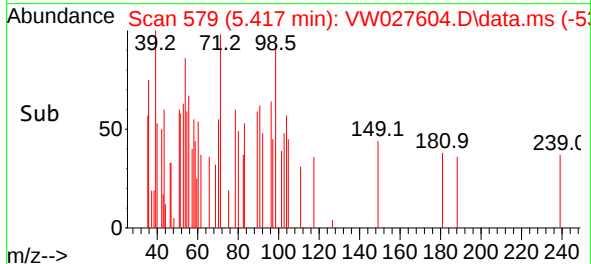
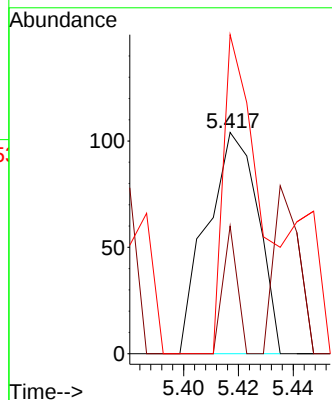
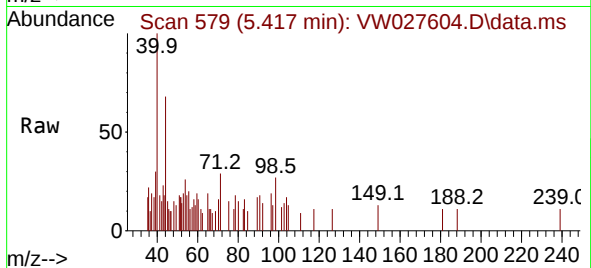
Tgt Ion: 96 Resp: 135

Ion Ratio Lower Upper

96 100

61 57.7 109.6 203.6#

98 144.2 41.9 77.7#



#18

Methyl tert-butyl Ether

Concen: 37.065 ug/L

RT: 5.380 min Scan# 573

Delta R.T. -0.049 min

Lab File: VW027604.D

Acq: 13 Dec 2023 19:01

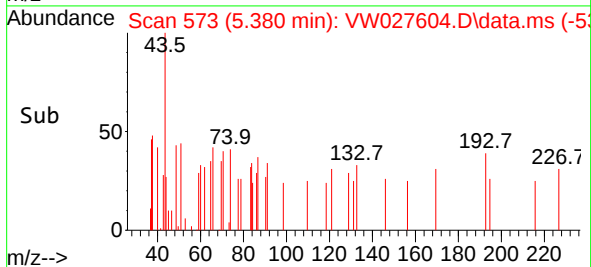
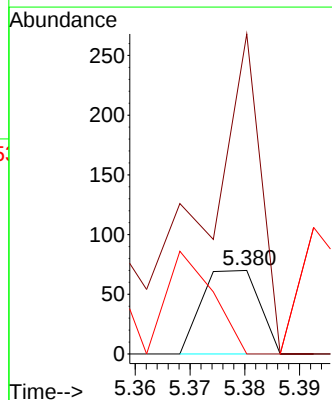
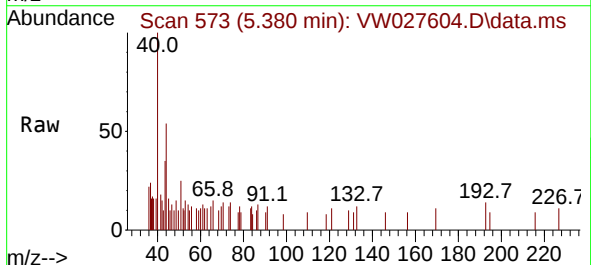
Tgt Ion: 73 Resp: 51

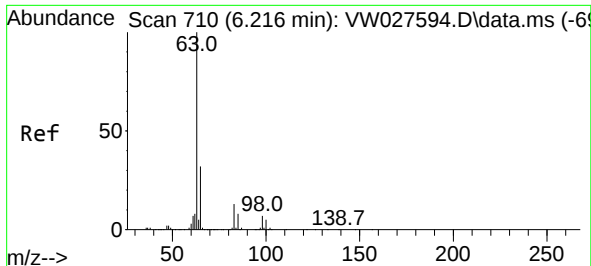
Ion Ratio Lower Upper

73 100

43 460.8 17.8 26.6#

57 170.6 19.9 29.9#





#19

1,1-Dichloroethane

Concen: 40.351 ug/L

RT: 6.240 min Scan# 710

Delta R.T. 0.012 min

Lab File: VW027604.D

Acq: 13 Dec 2023 19:01

Instrument :

MSVOA_W

ClientSampleId :

E0LR5

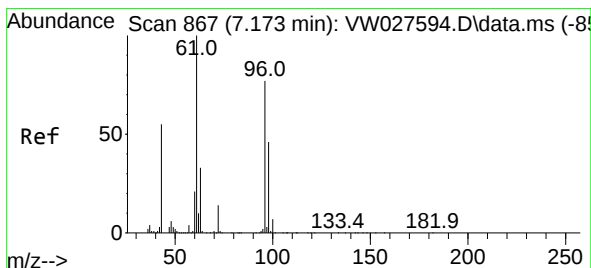
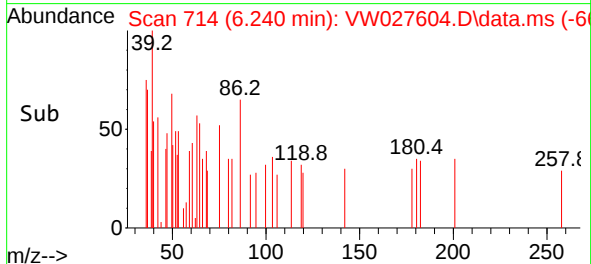
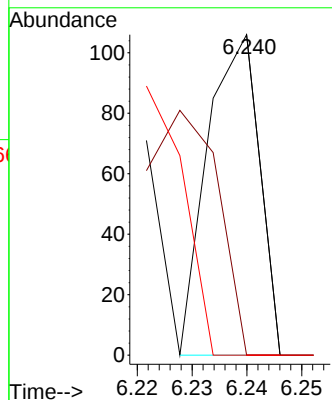
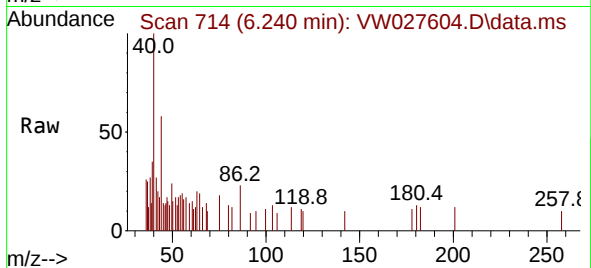
Tgt Ion: 63 Resp: 70

Ion Ratio Lower Upper

63 100

65 0.0 22.0 40.8#

83 0.0 9.0 16.8#



#20

cis-1,2-Dichloroethene

Concen: 170.287 ug/L

RT: 7.154 min Scan# 864

Delta R.T. -0.018 min

Lab File: VW027604.D

Acq: 13 Dec 2023 19:01

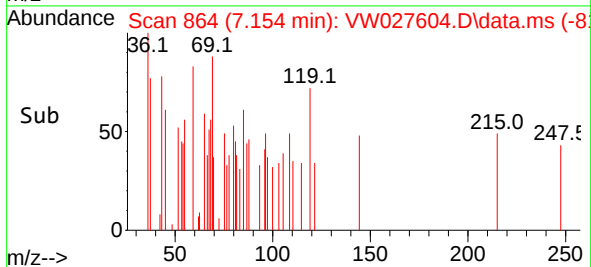
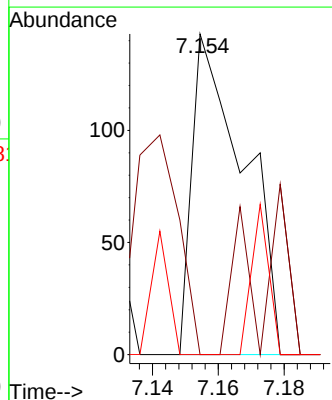
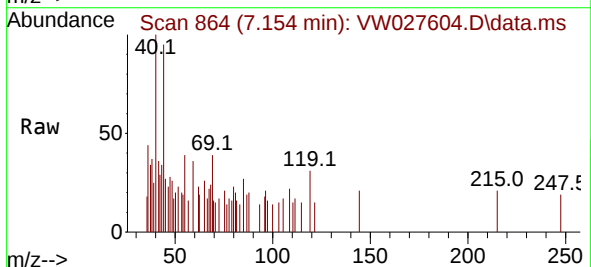
Tgt Ion: 96 Resp: 156

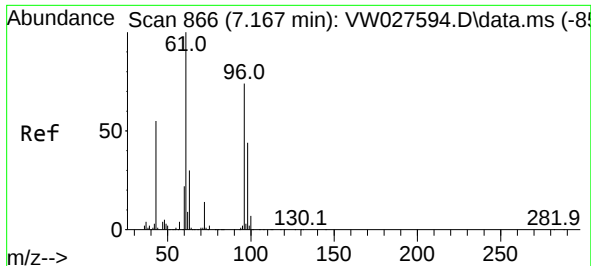
Ion Ratio Lower Upper

96 100

61 0.0 94.0 174.6#

98 0.0 45.1 83.7#

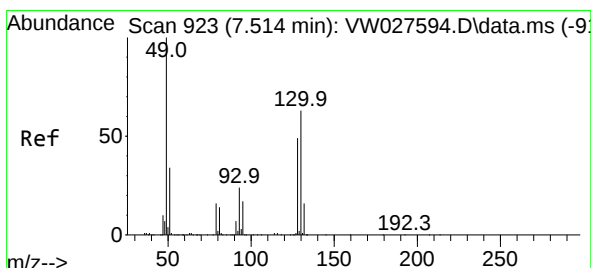
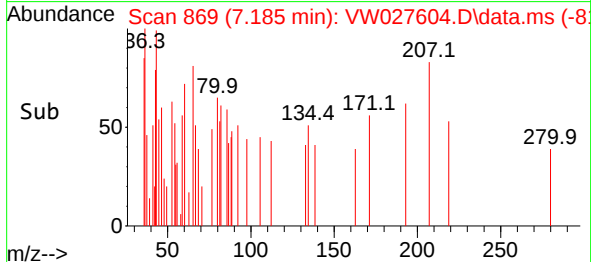
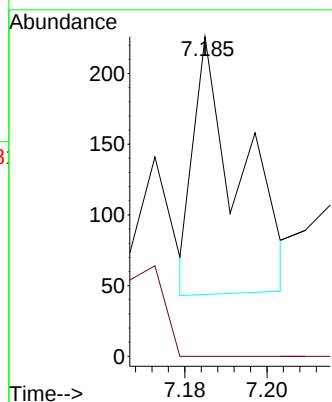
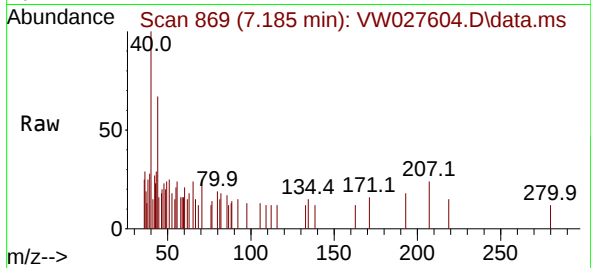




#22
2-Butanone
Concen: 373.321 ug/L
RT: 7.185 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

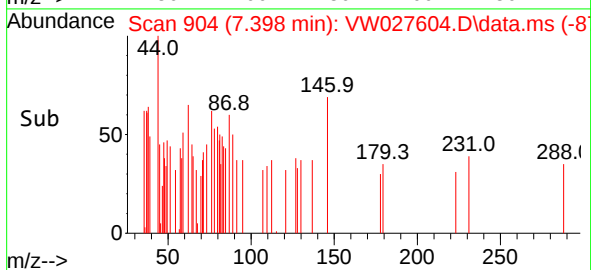
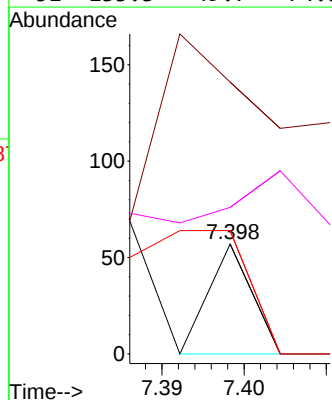
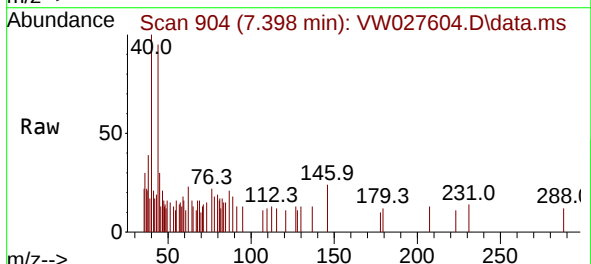
Instrument :
MSVOA_W
ClientSampleId :
E0LR5

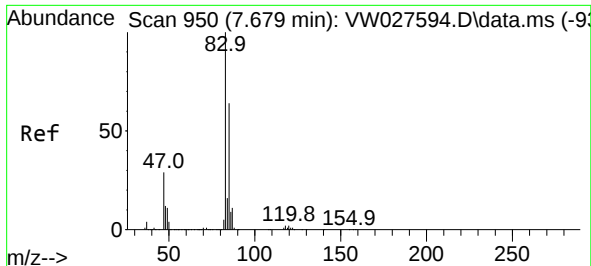
Tgt Ion: 43 Resp: 142
Ion Ratio Lower Upper
43 100
72 30.3 11.9 35.9



#23
Bromochloromethane
Concen: 58.281 ug/L
RT: 7.398 min Scan# 904
Delta R.T. -0.122 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

Tgt Ion: 128 Resp: 21
Ion Ratio Lower Upper
128 100
49 247.4 137.8 256.0
130 112.3 91.2 169.4
51 133.3 49.7 74.5#

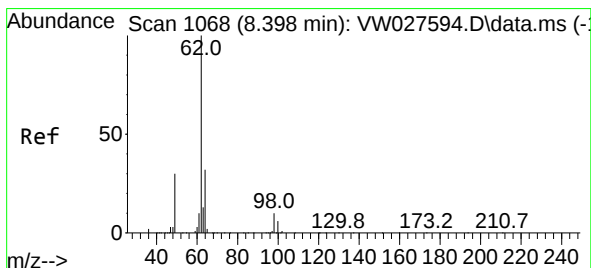
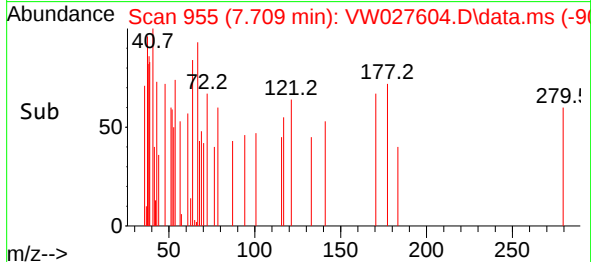
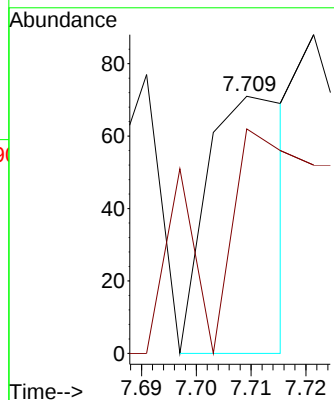
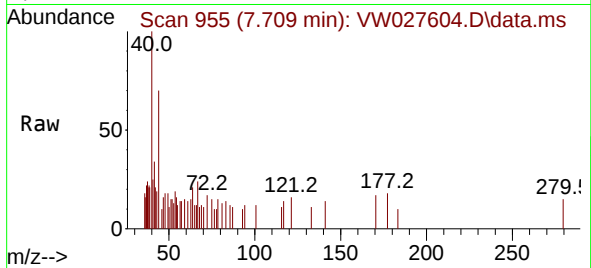




#25
Chloroform
Concen: 46.980 ug/L
RT: 7.709 min Scan# 91
Delta R.T. 0.030 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

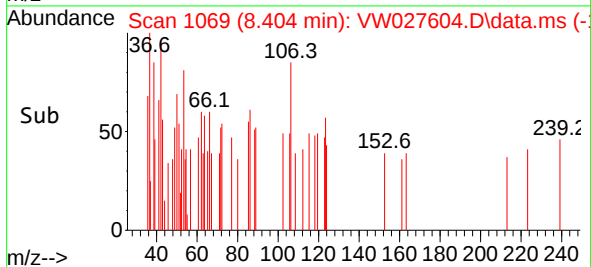
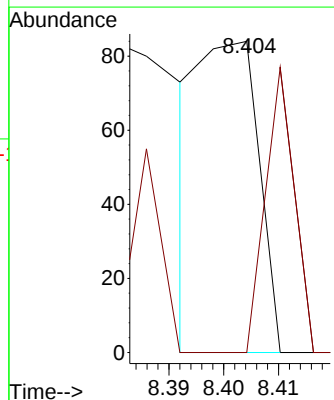
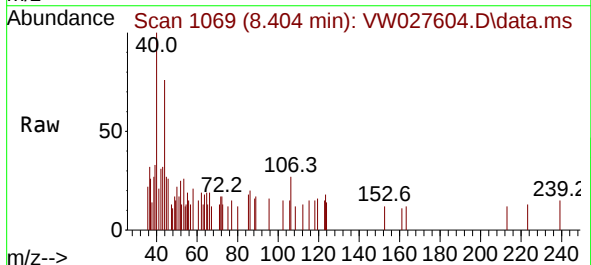
Instrument :
MSVOA_W
ClientSampleId :
E0LR5

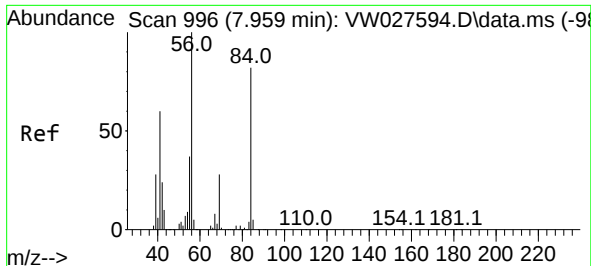
Tgt Ion: 83 Resp: 74
Ion Ratio Lower Upper
83 100
85 87.3 49.8 92.6



#27
1,2-Dichloroethane
Concen: 59.919 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

Tgt Ion: 62 Resp: 61
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#





#29

Cyclohexane

Concen: 73.214 ug/L

RT: 7.947 min Scan# 994

Delta R.T. -0.012 min

Lab File: VW027604.D

Acq: 13 Dec 2023 19:01

Instrument :

MSVOA_W

ClientSampleId :

E0LR5

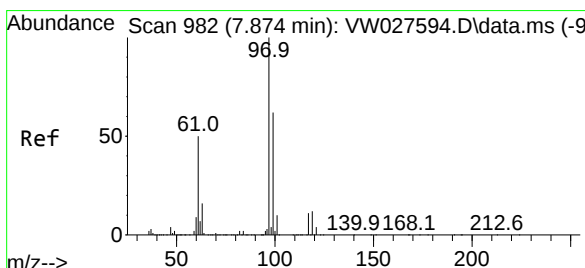
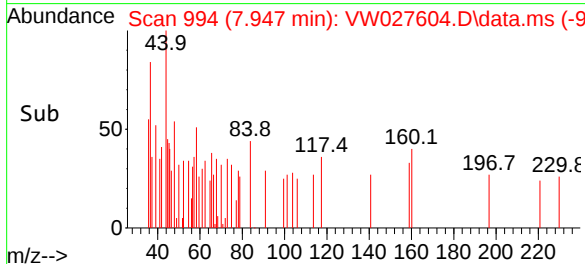
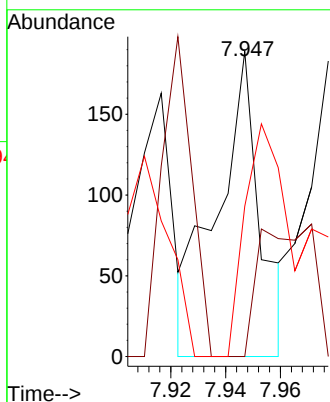
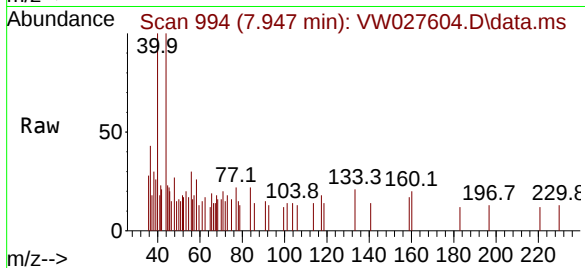
Tgt Ion: 56 Resp: 207

Ion Ratio Lower Upper

56 100

69 39.6 24.1 36.1#

84 72.0 65.0 97.4



#30

1,1,1-Trichloroethane

Concen: 29.596 ug/L

RT: 7.862 min Scan# 980

Delta R.T. -0.012 min

Lab File: VW027604.D

Acq: 13 Dec 2023 19:01

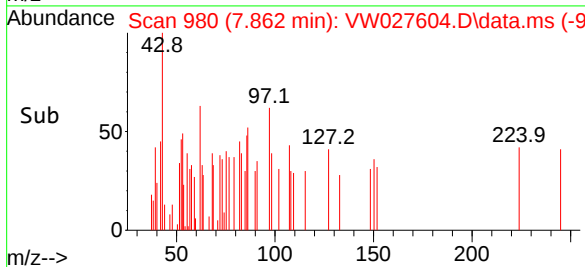
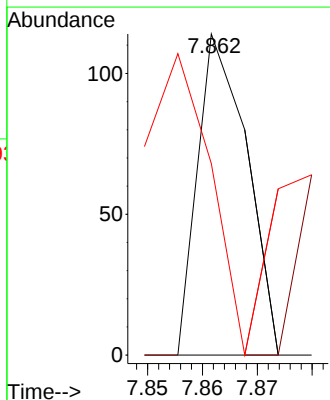
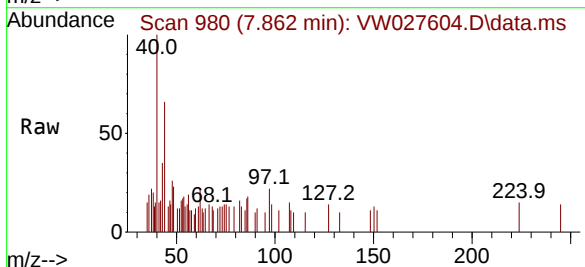
Tgt Ion: 97 Resp: 71

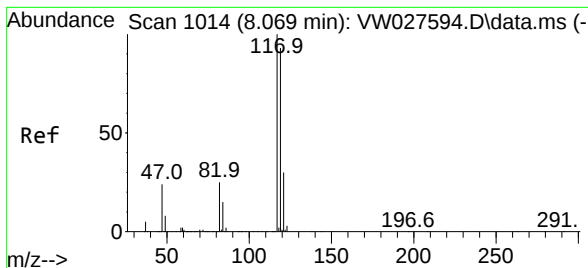
Ion Ratio Lower Upper

97 100

99 0.0 50.5 75.7#

61 128.2 39.0 58.4#

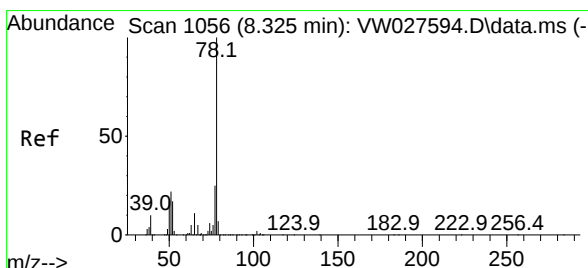
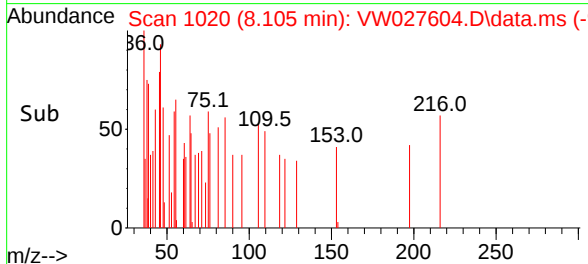
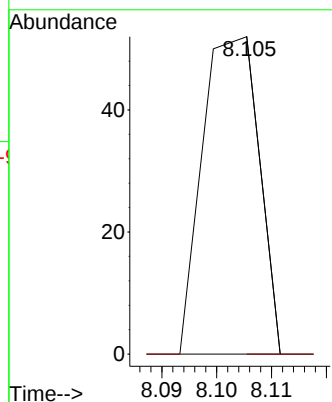
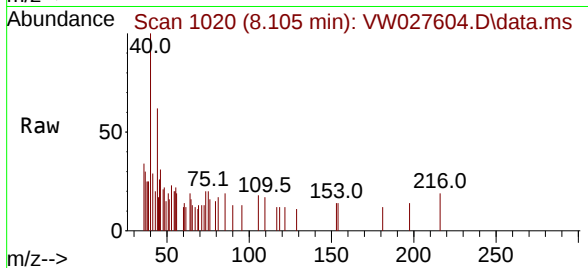




#31
Carbon tetrachloride
Concen: 17.682 ug/L
RT: 8.105 min Scan# 1014
Delta R.T. 0.036 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

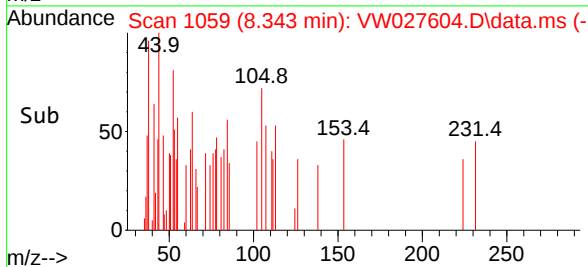
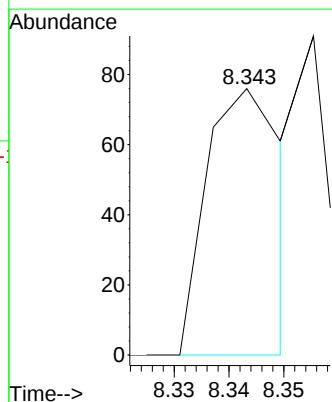
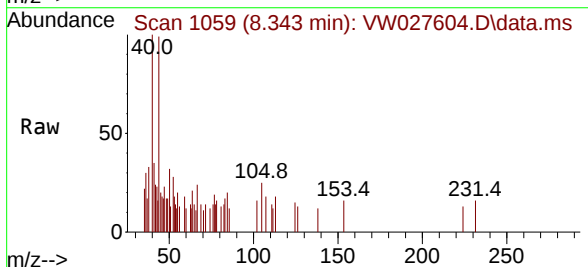
Instrument :
MSVOA_W
ClientSampleId :
E0LR5

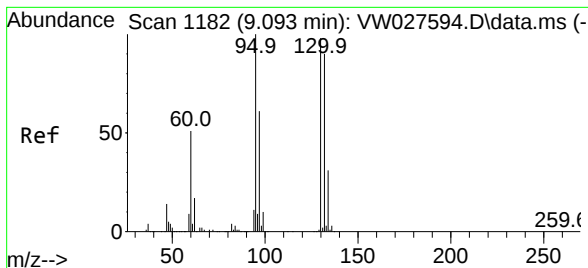
Tgt Ion:117 Resp: 37
Ion Ratio Lower Upper
117 100
119 0.0 77.0 115.6#



#33
Benzene
Concen: 12.467 ug/L
RT: 8.343 min Scan# 1059
Delta R.T. 0.018 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

Tgt Ion: 78 Resp: 74





#34

Trichloroethene

Concen: 27.139 ug/L

RT: 9.087 min Scan# 1182

Delta R.T. -0.006 min

Lab File: VW027604.D

Acq: 13 Dec 2023 19:01

Instrument :

MSVOA_W

ClientSampleId :

E0LR5

Tgt Ion: 95 Resp: 44

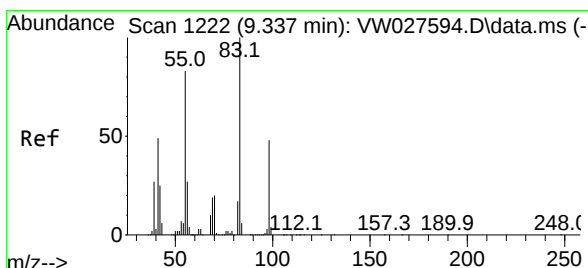
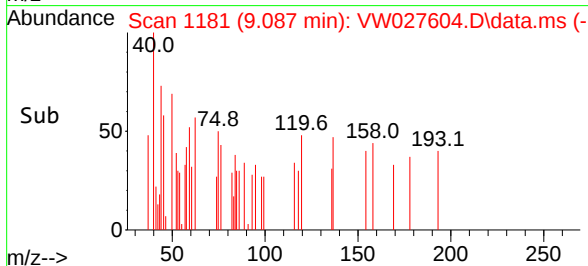
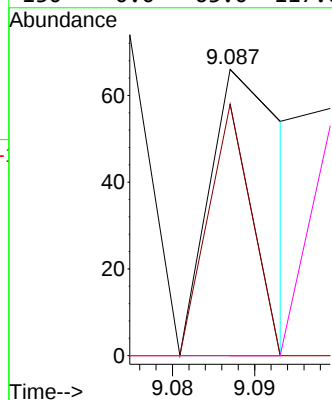
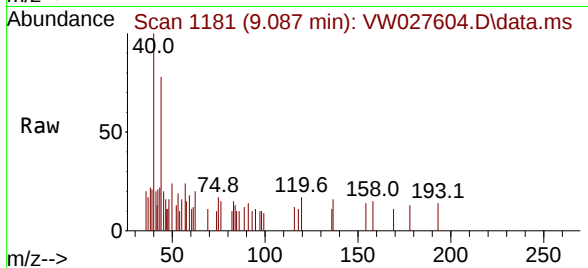
Ion Ratio Lower Upper

95 100

97 87.9 43.0 80.0#

132 0.0 64.1 119.1#

130 0.0 63.0 117.0#



#35

Methylcyclohexane

Concen: 28.405 ug/L

RT: 9.294 min Scan# 1215

Delta R.T. -0.043 min

Lab File: VW027604.D

Acq: 13 Dec 2023 19:01

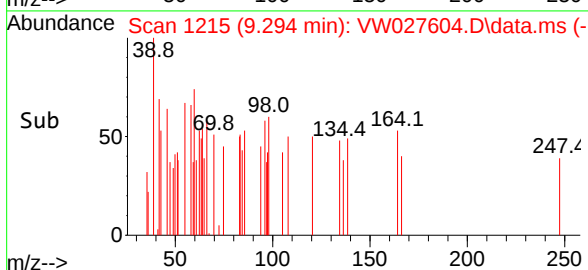
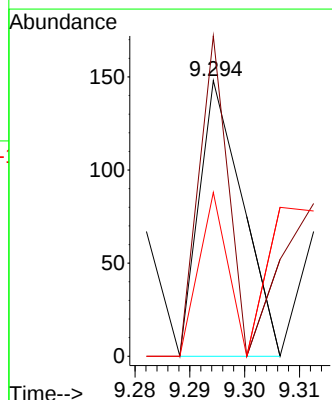
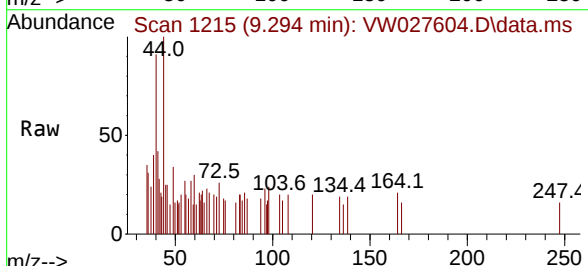
Tgt Ion: 83 Resp: 82

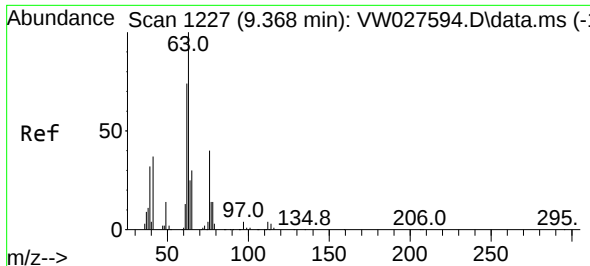
Ion Ratio Lower Upper

83 100

55 76.8 65.6 98.4

98 39.0 38.3 57.5





#37

1,2-Dichloropropane

Concen: 70.191 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027604.D

Acq: 13 Dec 2023 19:01

Instrument :

MSVOA_W

ClientSampleId :

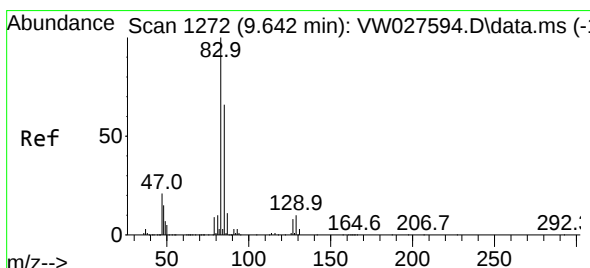
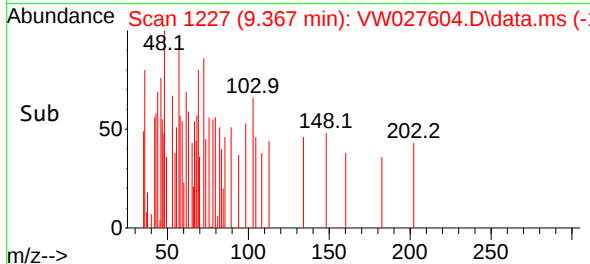
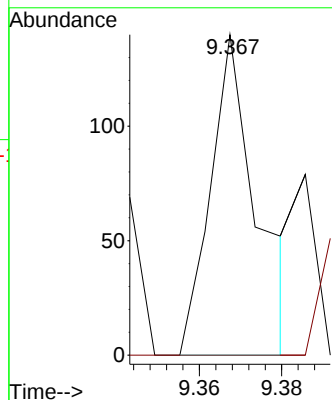
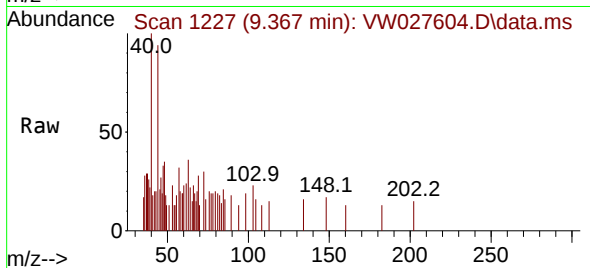
E0LR5

Tgt Ion: 63 Resp: 110

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



#38

Bromodichloromethane

Concen: 54.092 ug/L

RT: 9.630 min Scan# 1270

Delta R.T. -0.012 min

Lab File: VW027604.D

Acq: 13 Dec 2023 19:01

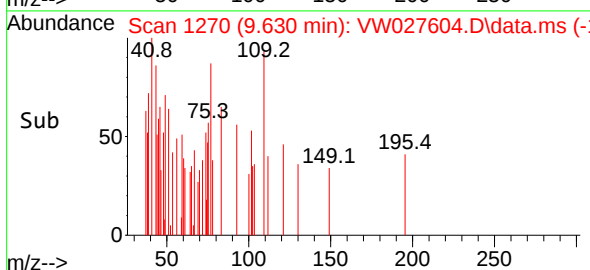
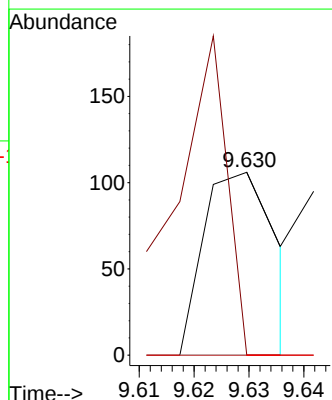
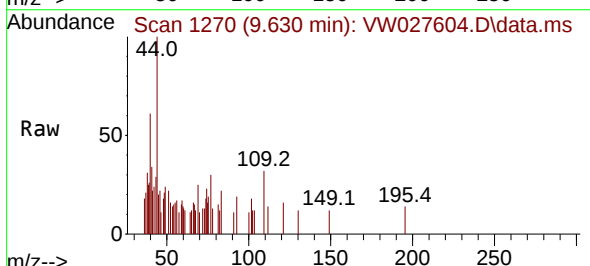
Tgt Ion: 83 Resp: 98

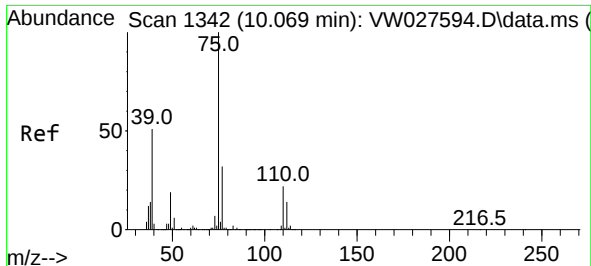
Ion Ratio Lower Upper

83 100

85 0.0 44.3 82.3#

127 0.0 5.3 7.9#





#39

cis-1,3-Dichloropropene

Concen: 22.985 ug/L

RT: 10.075 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027604.D

Acq: 13 Dec 2023 19:01

Instrument :

MSVOA_W

ClientSampleId :

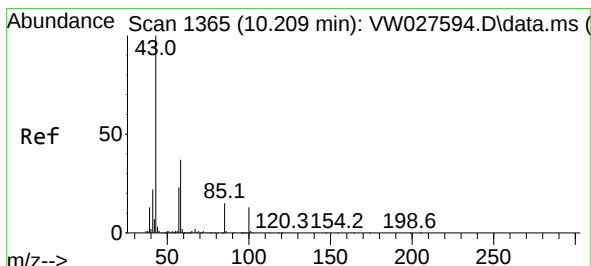
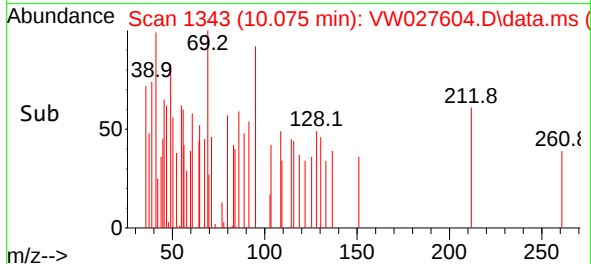
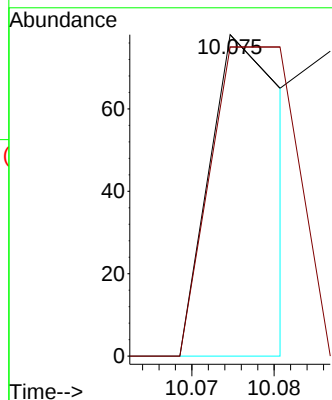
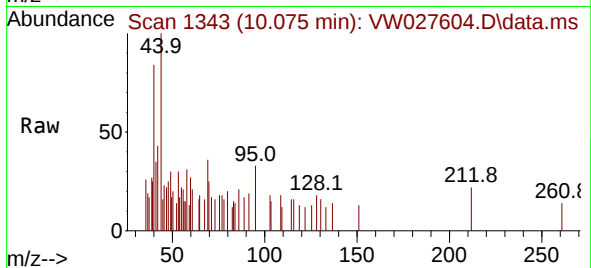
E0LR5

Tgt Ion: 75 Resp: 52

Ion Ratio Lower Upper

75 100

77 96.2 21.1 39.1#



#40

4-Methyl-2-pentanone

Concen: 111.393 ug/L

RT: 10.215 min Scan# 1366

Delta R.T. 0.006 min

Lab File: VW027604.D

Acq: 13 Dec 2023 19:01

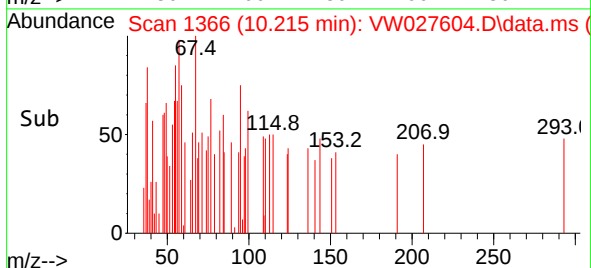
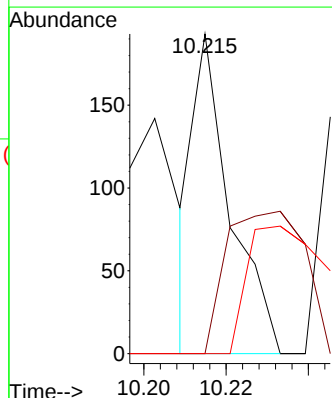
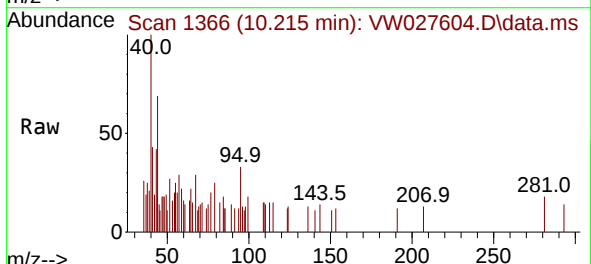
Tgt Ion: 43 Resp: 118

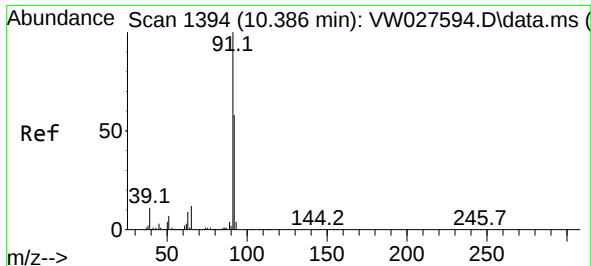
Ion Ratio Lower Upper

43 100

58 0.0 29.6 44.4#

100 0.0 11.1 16.7#

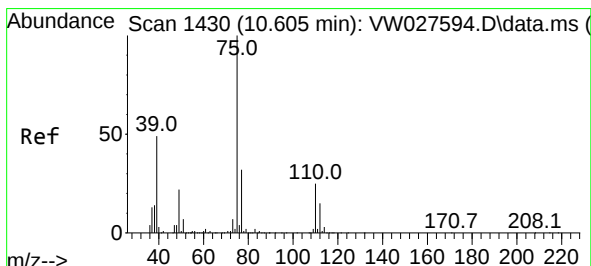
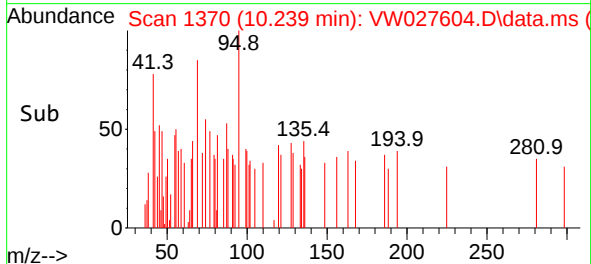
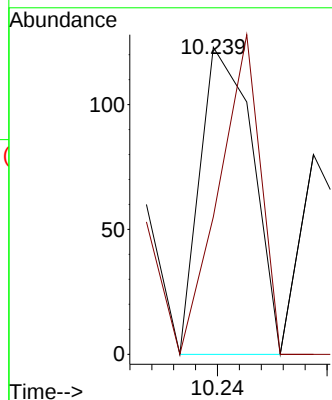
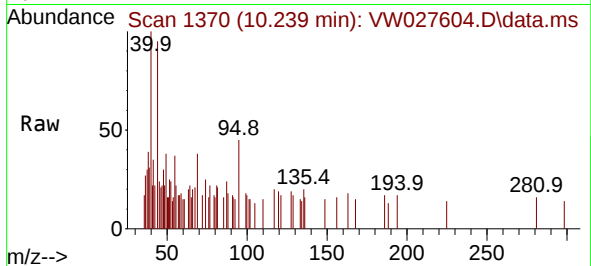




#42
Toluene
Concen: 13.062 ug/L
RT: 10.239 min Scan# 11
Delta R.T. -0.146 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

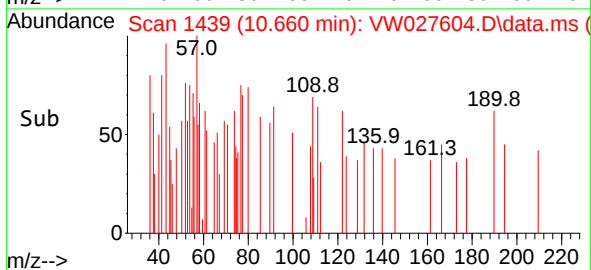
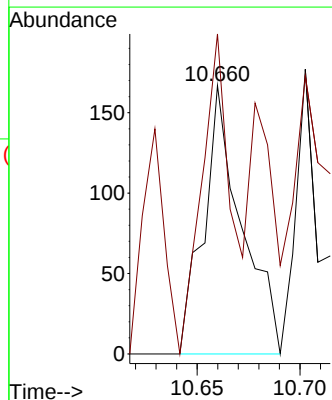
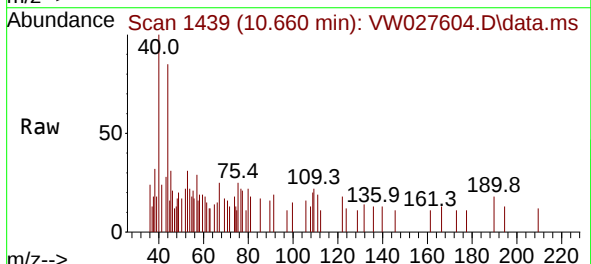
Instrument :
MSVOA_W
ClientSampleId :
E0LR5

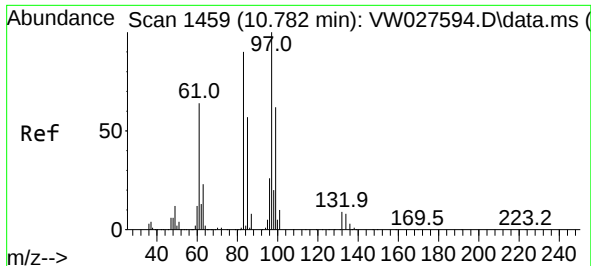
Tgt Ion: 91 Resp: 82
Ion Ratio Lower Upper
91 100
92 44.7 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 116.713 ug/L
RT: 10.660 min Scan# 1439
Delta R.T. 0.055 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

Tgt Ion: 75 Resp: 213
Ion Ratio Lower Upper
75 100
77 119.2 23.7 44.1#

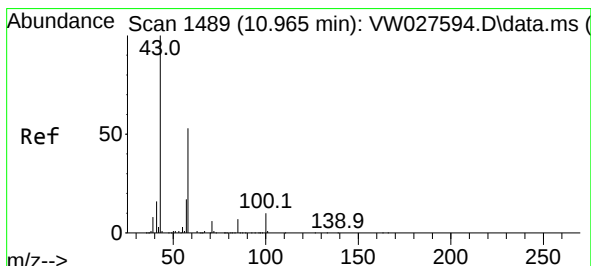
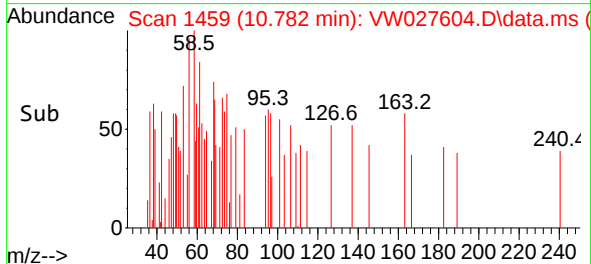
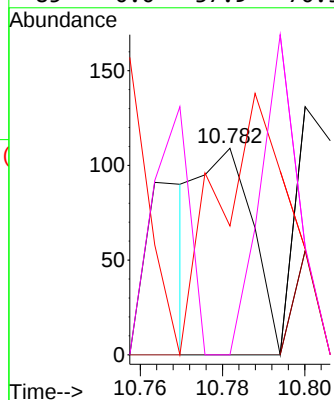
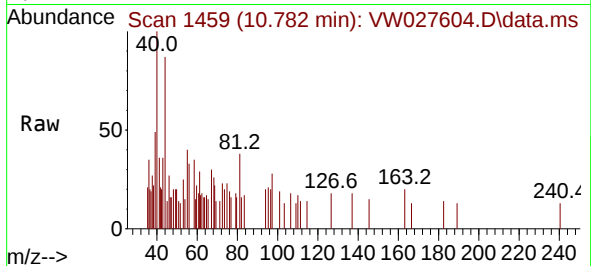




#45
1,1,2-Trichloroethane
Concen: 90.708 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

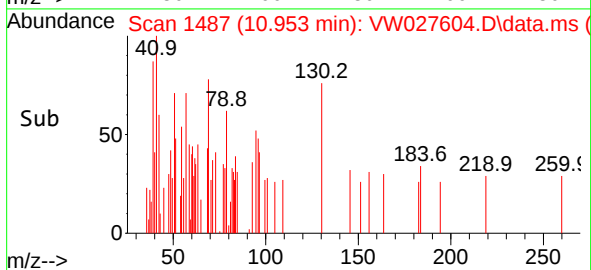
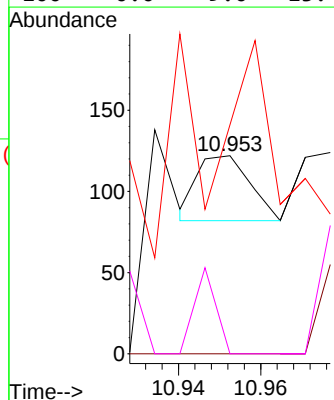
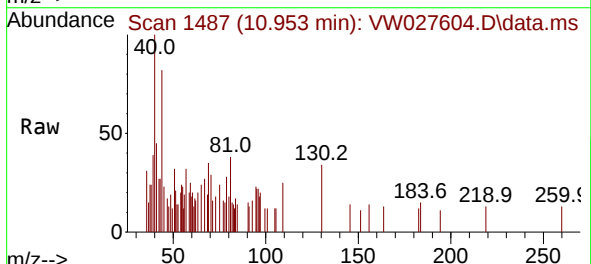
Instrument :
MSVOA_W
ClientSampleId :
E0LR5

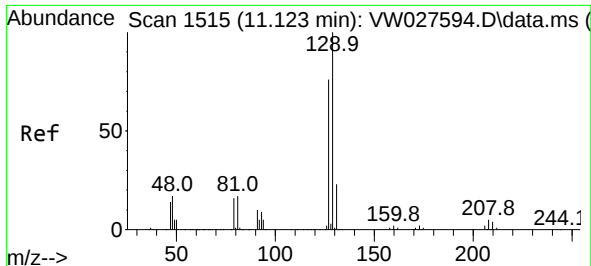
Tgt Ion:	97	Resp:	99
Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.8	79.4#
83	62.4	59.9	111.3
85	0.0	37.9	70.5#



#48
2-Hexanone
Concen: 46.881 ug/L
RT: 10.953 min Scan# 1487
Delta R.T. -0.012 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

Tgt Ion:	43	Resp:	35
Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.8	61.2#
57	285.7	14.8	22.2#
100	0.0	9.0	13.4#

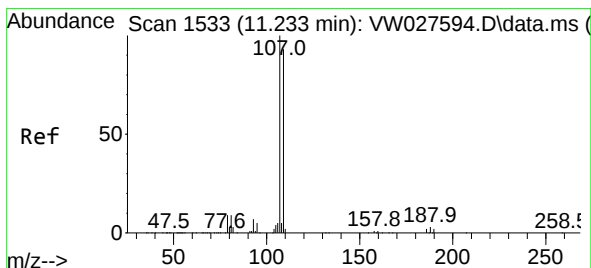
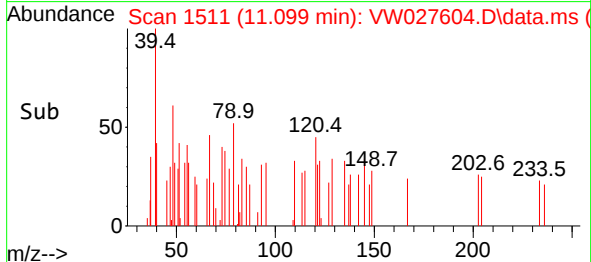
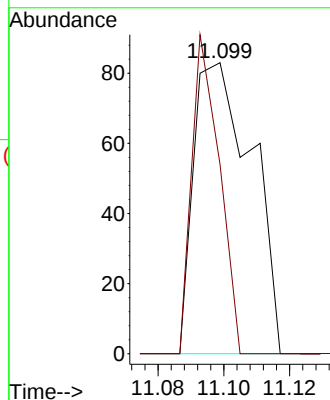
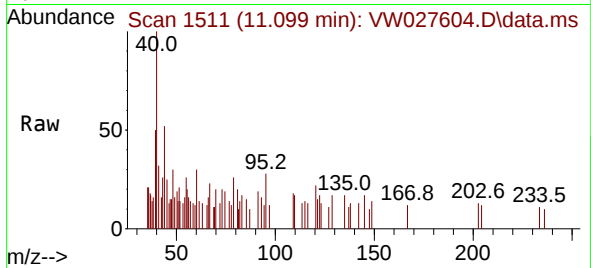




#49
Dibromochloromethane
Concen: 94.546 ug/L
RT: 11.099 min Scan# 11
Delta R.T. -0.031 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

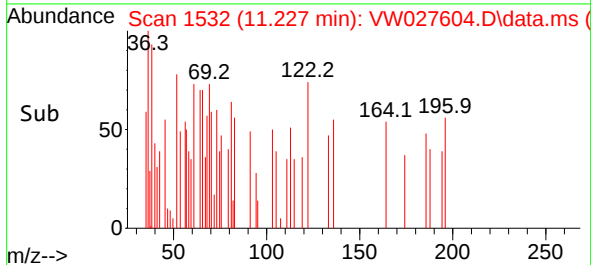
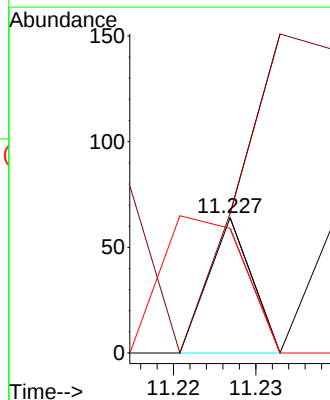
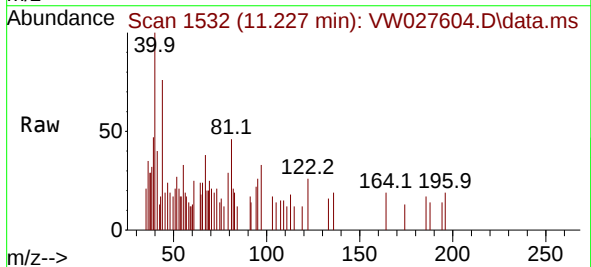
Instrument :
MSVOA_W
ClientSampleId :
E0LR5

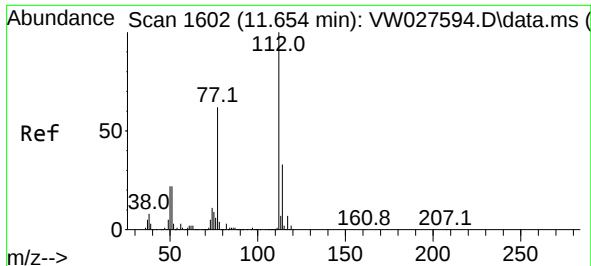
Tgt Ion:129 Resp: 102
Ion Ratio Lower Upper
129 100
127 65.1 52.3 97.1



#50
1,2-Dibromoethane
Concen: 23.034 ug/L
RT: 11.227 min Scan# 1532
Delta R.T. -0.006 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

Tgt Ion:107 Resp: 23
Ion Ratio Lower Upper
107 100
109 103.1 64.8 120.3
188 92.2 2.7 4.1#

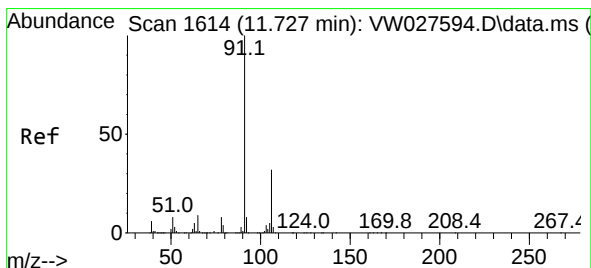
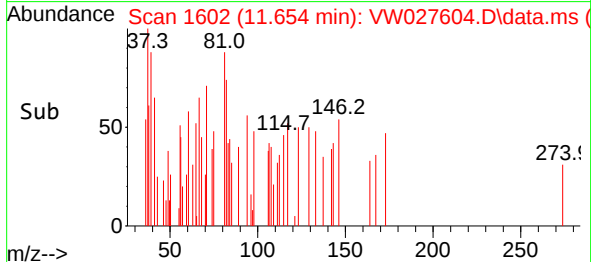
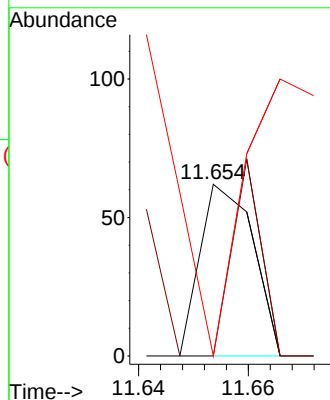
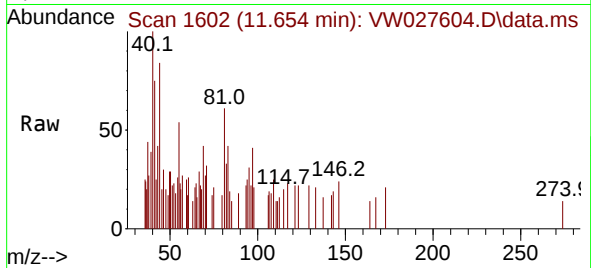




#51
Chlorobenzene
Concen: 11.089 ug/L
RT: 11.654 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

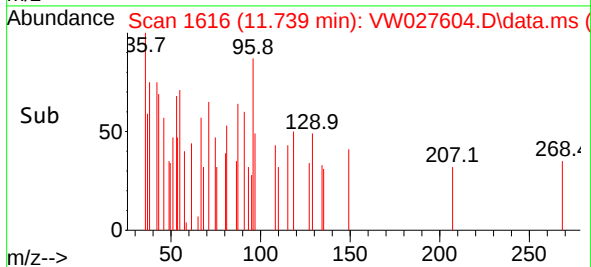
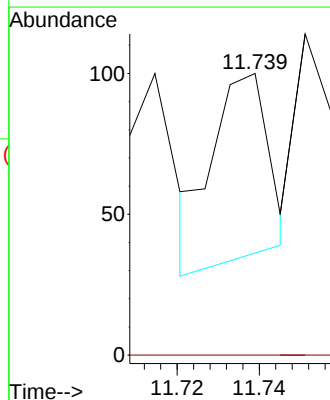
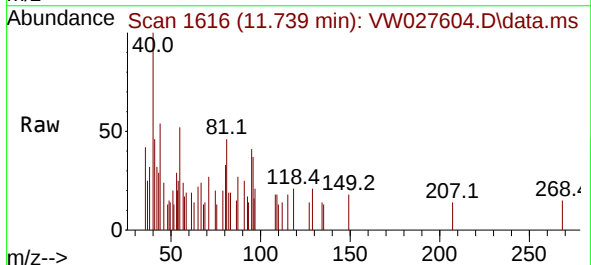
Instrument :
MSVOA_W
ClientSampleId :
E0LR5

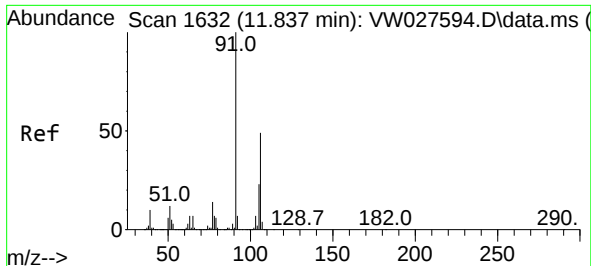
Tgt Ion:112 Resp: 42
Ion Ratio Lower Upper
112 100
114 127.4 21.5 39.9#
77 0.0 50.6 76.0#



#52
Ethylbenzene
Concen: 8.834 ug/L
RT: 11.739 min Scan# 1616
Delta R.T. 0.012 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

Tgt Ion: 91 Resp: 63
Ion Ratio Lower Upper
91 100
106 0.0 19.5 36.1#

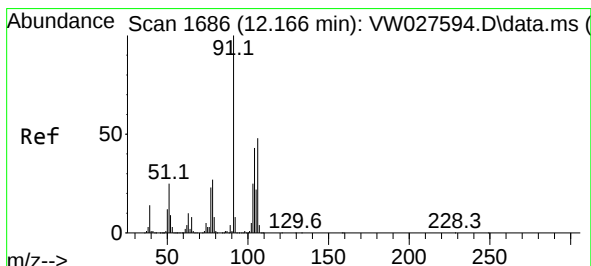
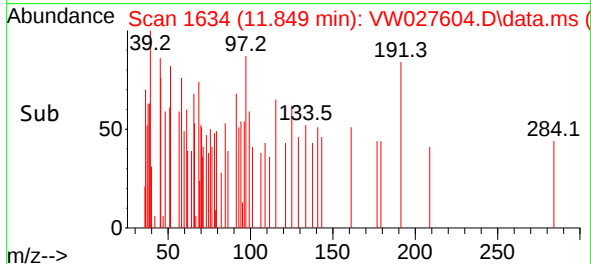
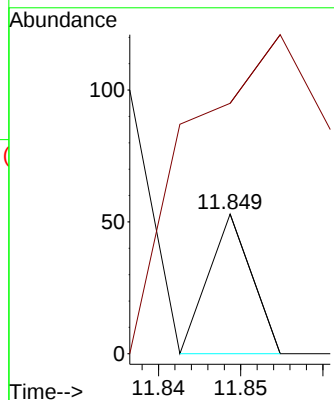
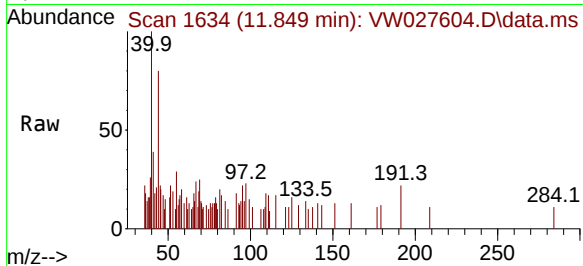




#53
m,p-Xylene
Concen: 7.231 ug/L
RT: 11.849 min Scan# 1184
Delta R.T. 0.012 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

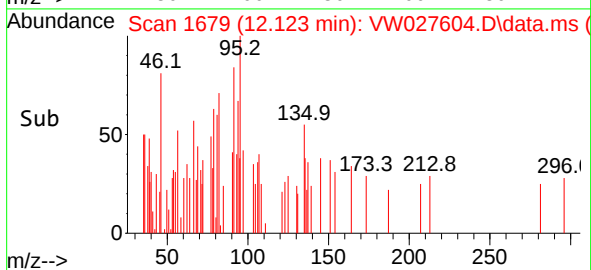
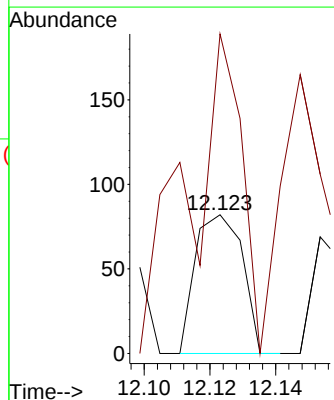
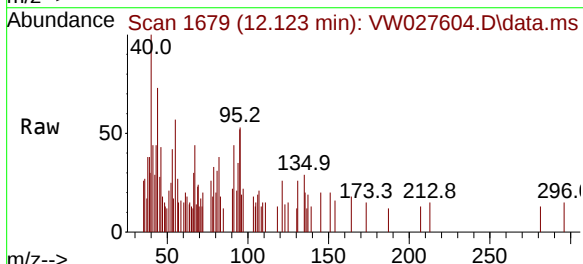
Instrument :
MSVOA_W
ClientSampleId :
E0LR5

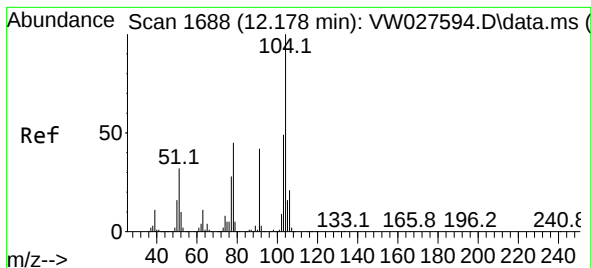
Tgt Ion:106 Resp: 19
Ion Ratio Lower Upper
106 100
91 179.2 142.1 263.9



#54
o-Xylene
Concen: 34.334 ug/L
RT: 12.123 min Scan# 1679
Delta R.T. -0.043 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

Tgt Ion:106 Resp: 82
Ion Ratio Lower Upper
106 100
91 230.5 158.8 295.0





#55

Styrene

Concen: 17.663 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.012 min

Lab File: VW027604.D

Acq: 13 Dec 2023 19:01

Instrument :

MSVOA_W

ClientSampleId :

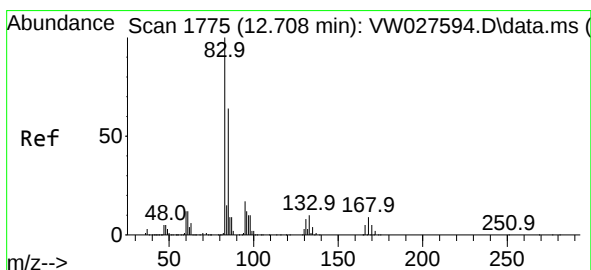
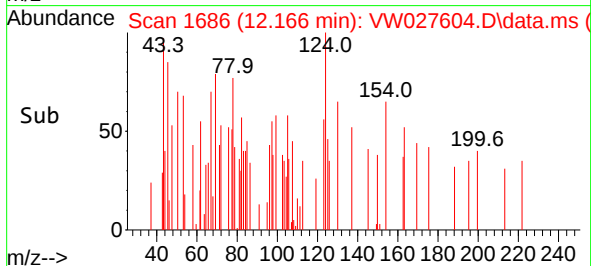
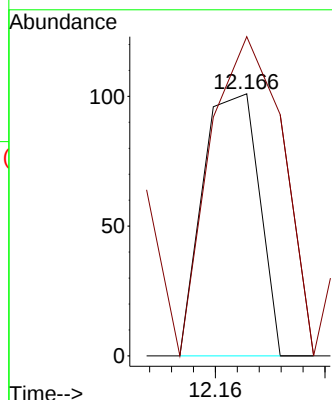
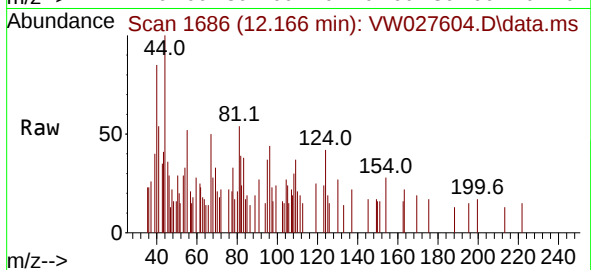
E0LR5

Tgt Ion:104 Resp: 72

Ion Ratio Lower Upper

104 100

78 121.8 33.9 62.9#



#57

1,1,2,2-Tetrachloroethane

Concen: 7.742 ug/L

RT: 12.720 min Scan# 1777

Delta R.T. 0.012 min

Lab File: VW027604.D

Acq: 13 Dec 2023 19:01

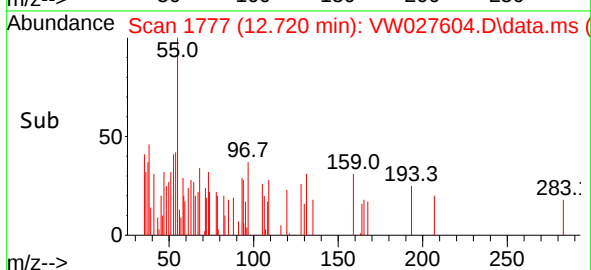
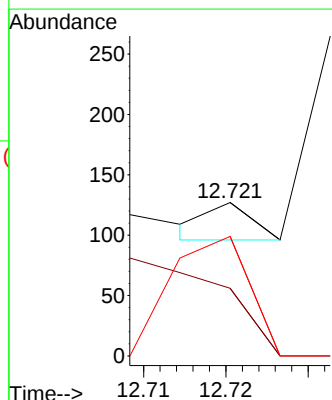
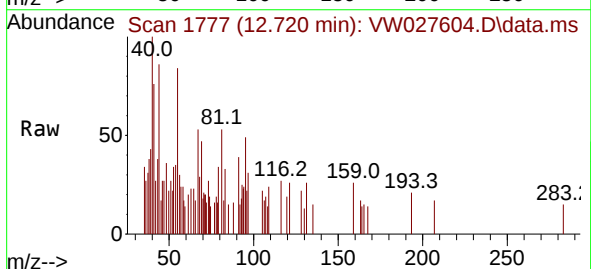
Tgt Ion: 83 Resp: 11

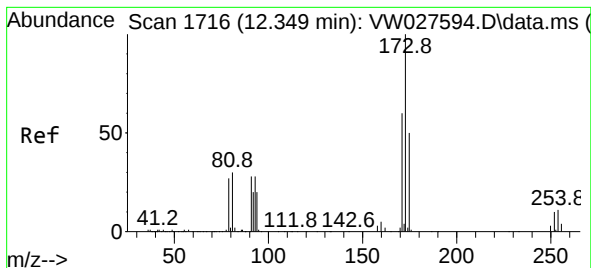
Ion Ratio Lower Upper

83 100

85 44.1 41.9 77.7

131 78.0 7.0 10.6#





#59

Bromoform

Concen: 65.323 ug/L

RT: 12.190 min Scan# 1

Delta R.T. -0.159 min

Lab File: VW027604.D

Acq: 13 Dec 2023 19:01

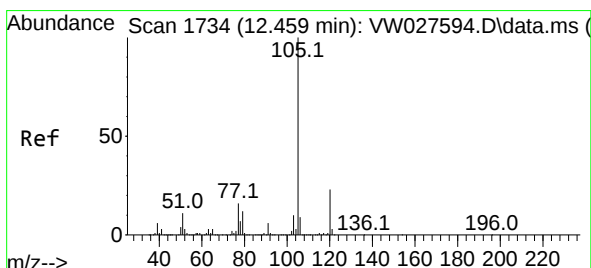
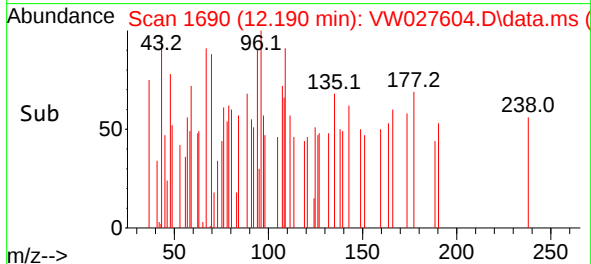
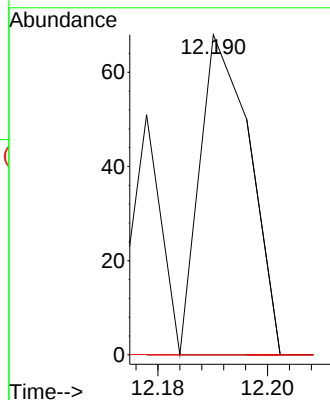
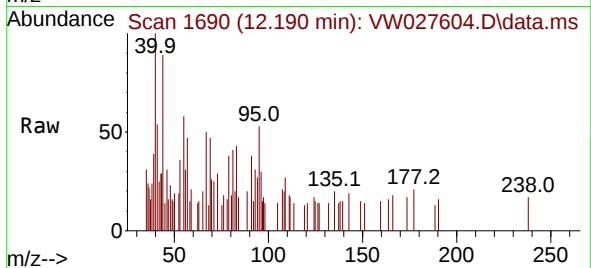
Instrument :

MSVOA_W

ClientSampleId :

E0LR5

Tgt Ion:173	Resp:	43
Ion Ratio	Lower	Upper
173	100	
175	111.6	39.4 59.0#
254	0.0	7.8 11.8#



#60

Isopropylbenzene

Concen: 11.340 ug/L

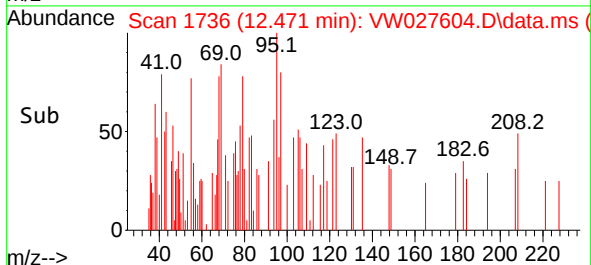
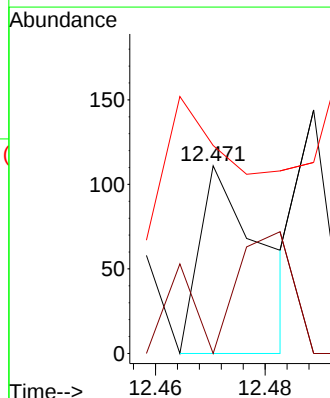
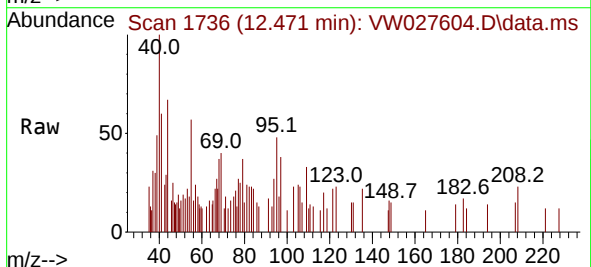
RT: 12.471 min Scan# 1736

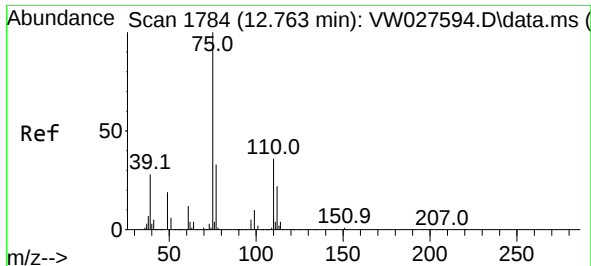
Delta R.T. 0.012 min

Lab File: VW027604.D

Acq: 13 Dec 2023 19:01

Tgt Ion:105	Resp:	88
Ion Ratio	Lower	Upper
105	100	
120	21.6	20.3 30.5
77	92.0	13.1 19.7#

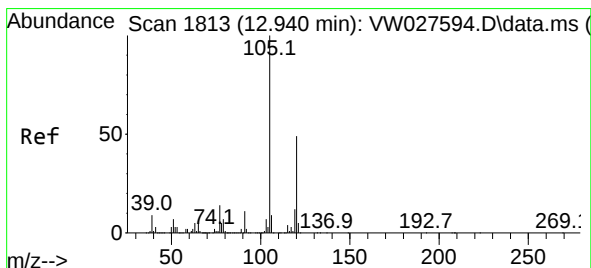
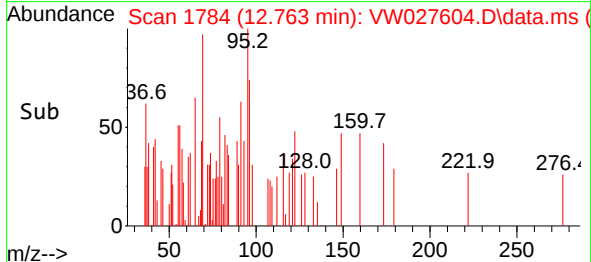
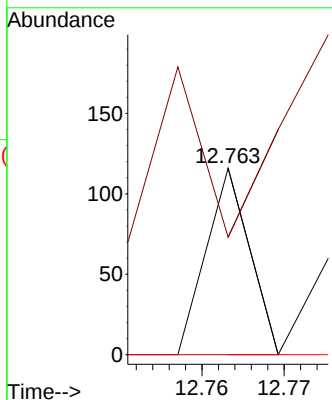
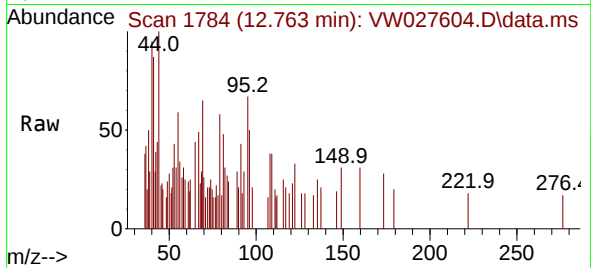




#61
1,2,3-Trichloropropane
Concen: 37.049 ug/L
RT: 12.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

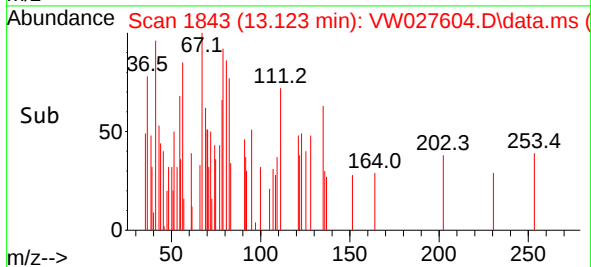
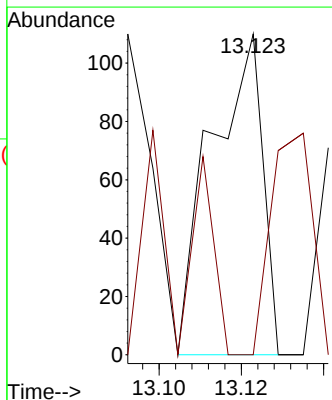
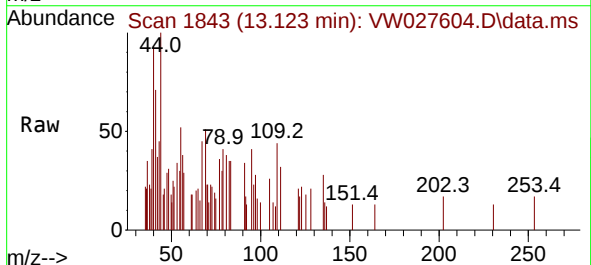
Instrument :
MSVOA_W
ClientSampleId :
E0LR5

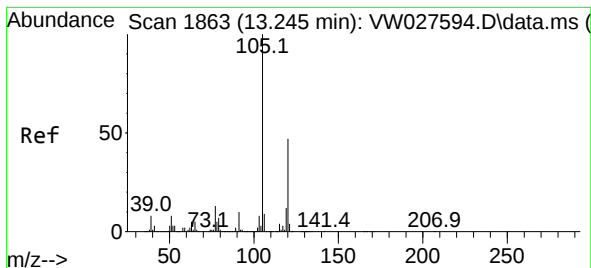
Tgt Ion: 75 Resp: 42
Ion Ratio Lower Upper
75 100
77 0.0 26.6 39.8#
110 0.0 30.2 45.4#



#62
1,3,5-Trimethylbenzene
Concen: 16.552 ug/L
RT: 13.123 min Scan# 1843
Delta R.T. 0.183 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

Tgt Ion: 105 Resp: 95
Ion Ratio Lower Upper
105 100
120 55.8 38.7 58.1





#63

1,2,4-Trimethylbenzene

Concen: 29.215 ug/L

RT: 13.166 min Scan# 11

Delta R.T. -0.079 min

Lab File: VW027604.D

Acq: 13 Dec 2023 19:01

Instrument :

MSVOA_W

ClientSampleId :

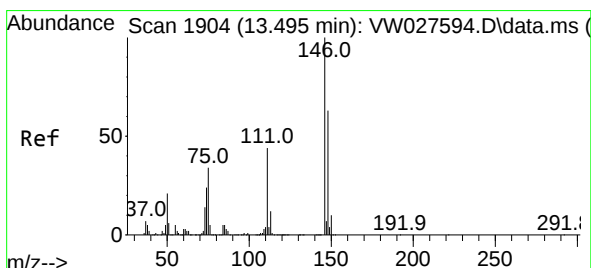
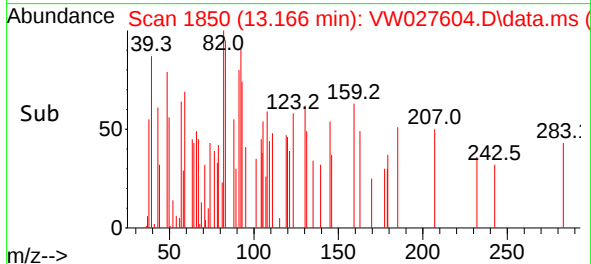
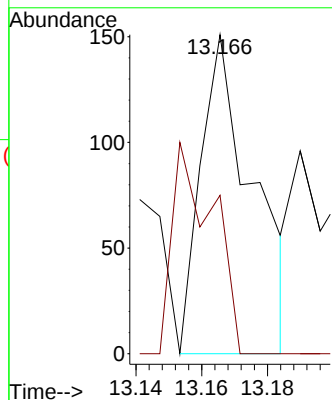
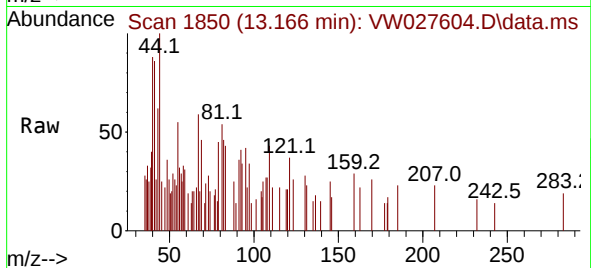
E0LR5

Tgt Ion:105 Resp: 167

Ion Ratio Lower Upper

105 100

120 51.5 36.9 55.3



#64

1,3-Dichlorobenzene

Concen: 18.167 ug/L

RT: 13.513 min Scan# 1907

Delta R.T. 0.018 min

Lab File: VW027604.D

Acq: 13 Dec 2023 19:01

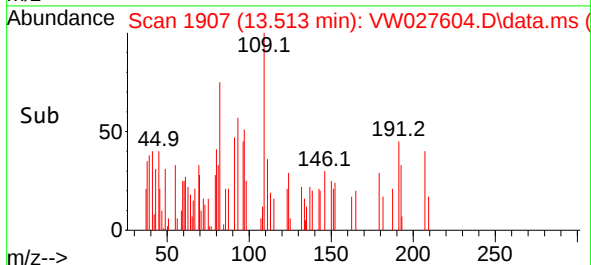
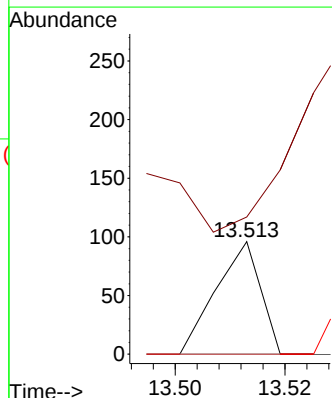
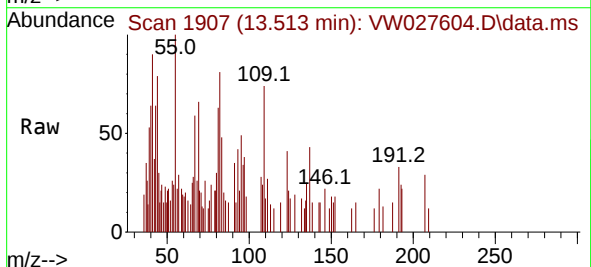
Tgt Ion:146 Resp: 54

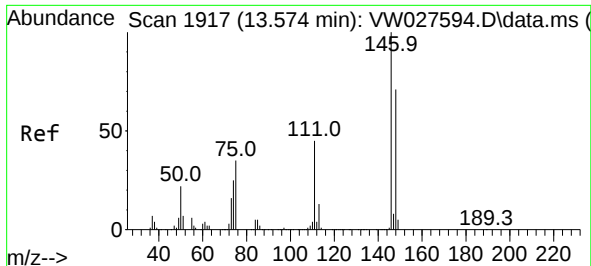
Ion Ratio Lower Upper

146 100

111 121.9 29.5 54.7#

148 0.0 42.8 79.6#

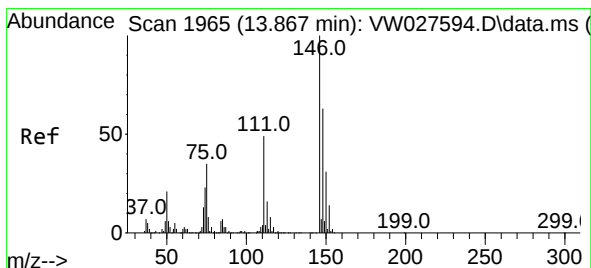
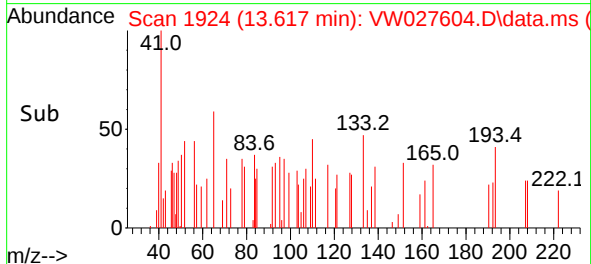
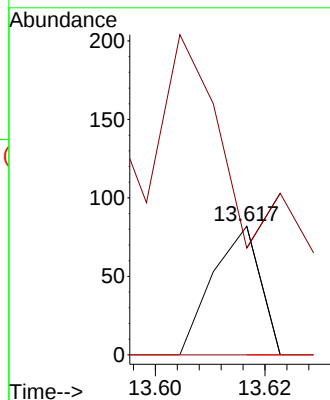
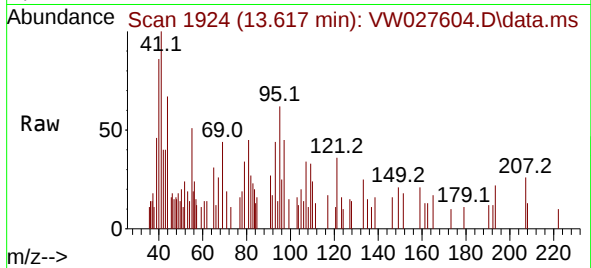




#65
1,4-Dichlorobenzene
Concen: 16.527 ug/L
RT: 13.617 min Scan# 1917
Delta R.T. 0.043 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

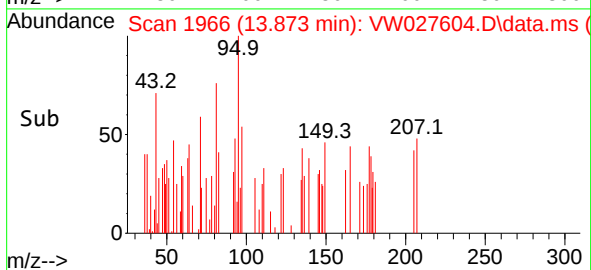
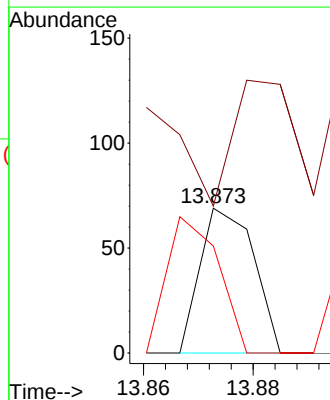
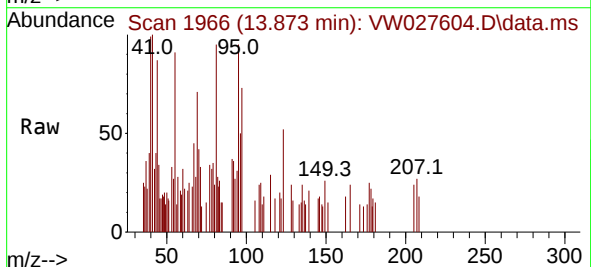
Instrument :
MSVOA_W
ClientSampleId :
E0LR5

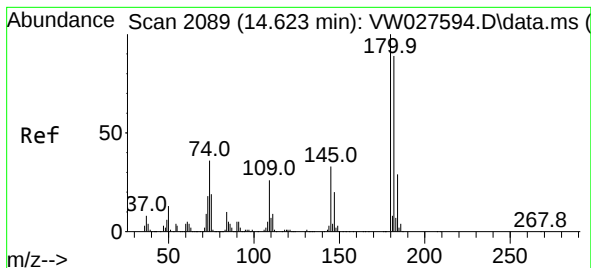
Tgt Ion:146 Resp: 49
Ion Ratio Lower Upper
146 100
111 82.9 28.9 53.7#
148 0.0 44.9 83.5#



#67
1,2-Dichlorobenzene
Concen: 17.551 ug/L
RT: 13.873 min Scan# 1966
Delta R.T. 0.006 min
Lab File: VW027604.D
Acq: 13 Dec 2023 19:01

Tgt Ion:146 Resp: 47
Ion Ratio Lower Upper
146 100
111 101.4 33.9 50.9#
148 73.9 49.5 74.3





#69

1,3,5-Trichlorobenzene

Concen: 27.016 ug/L

RT: 14.738 min Scan# 2108

Delta R.T. 0.116 min

Lab File: VW027604.D

Acq: 13 Dec 2023 19:01

Instrument :

MSVOA_W

ClientSampleId :

E0LR5

Tgt Ion:180 Resp: 54

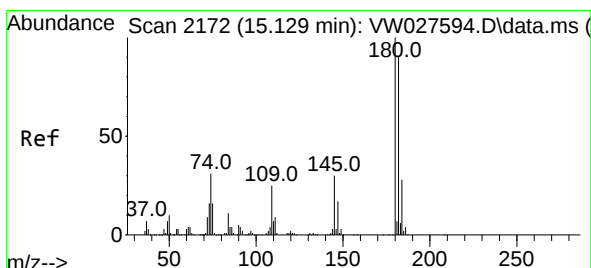
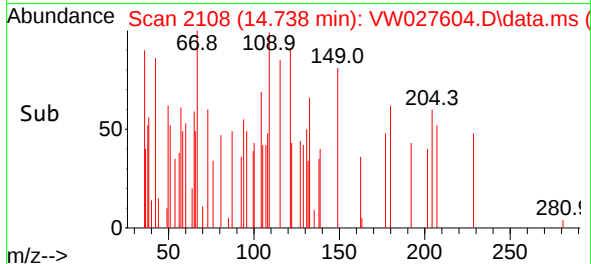
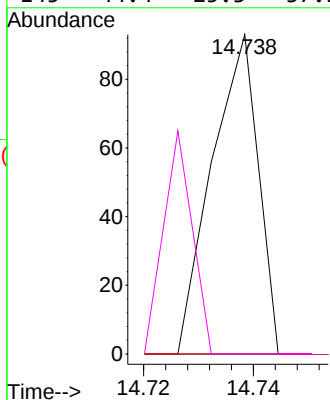
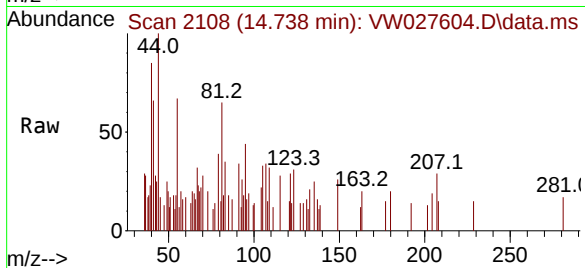
Ion Ratio Lower Upper

180 100

182 0.0 73.2 109.8#

184 0.0 25.4 38.2#

145 44.4 25.3 37.9#



#70

1,2,4-trichlorobenzene

Concen: 36.079 ug/L

RT: 15.062 min Scan# 2161

Delta R.T. -0.067 min

Lab File: VW027604.D

Acq: 13 Dec 2023 19:01

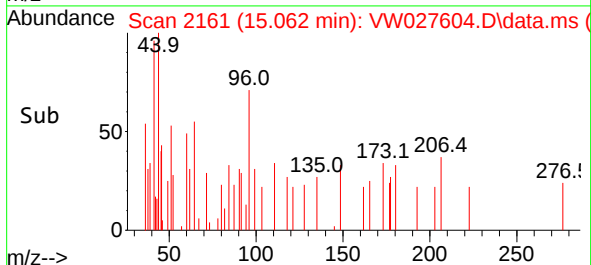
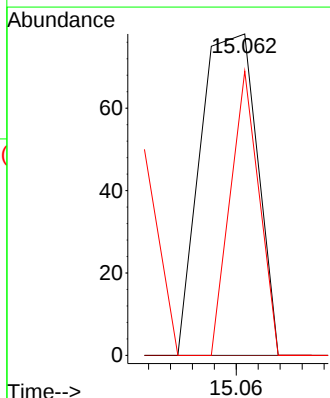
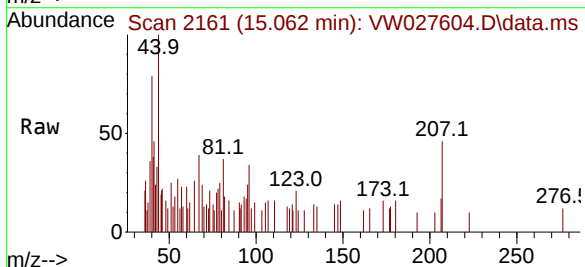
Tgt Ion:180 Resp: 56

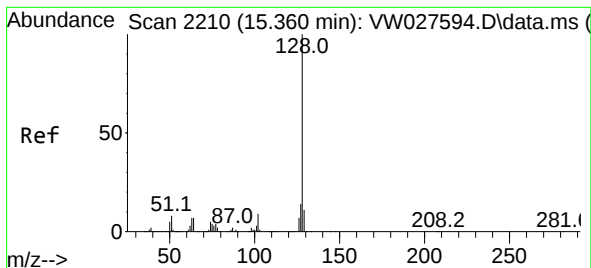
Ion Ratio Lower Upper

180 100

182 0.0 78.7 118.1#

145 69.6 26.8 40.2#





#71

Naphthalene

Concen: 5.820 ug/L

RT: 15.354 min Scan# 2190

Delta R.T. -0.006 min

Lab File: VW027604.D

Acq: 13 Dec 2023 19:01

Instrument :

MSVOA_W

ClientSampleId :

E0LR5

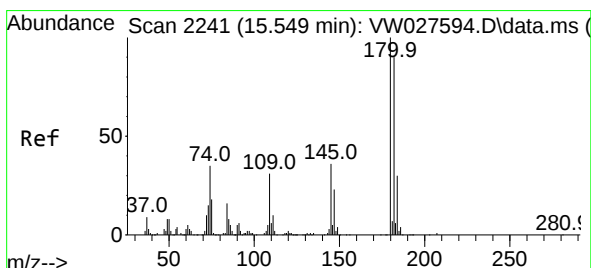
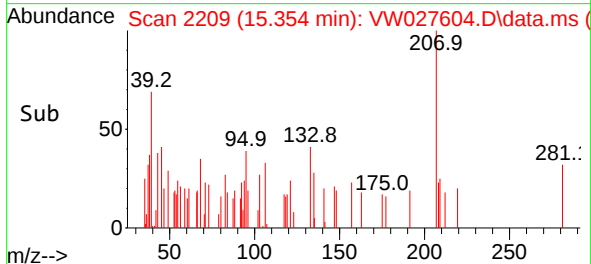
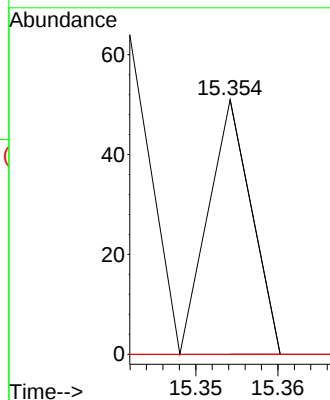
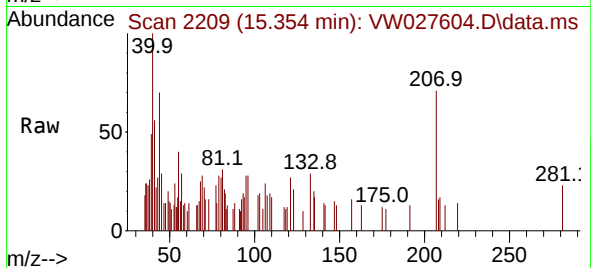
Tgt Ion:128 Resp: 19

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 12.8#



#72

1,2,3-Trichlorobenzene

Concen: 30.835 ug/L

RT: 15.238 min Scan# 2190

Delta R.T. -0.311 min

Lab File: VW027604.D

Acq: 13 Dec 2023 19:01

Tgt Ion:180 Resp: 41

Ion Ratio Lower Upper

180 100

182 0.0 72.4 108.6#

145 46.3 27.4 41.0#

