

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121323\
 Data File : VW027600.D
 Acq On : 13 Dec 2023 17:27
 Operator : SY/MD
 Sample : 05806-08
 Misc : 5.01g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0LQ8MSD

Quant Time: Dec 14 00:19:45 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	8.837	114	68	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.642	117	62	25.000	ug/L	# 0.01
58) 1,4-Dichlorobenzene-d4	13.739	152	51	25.000	ug/L	# 0.18
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.271	65	50	36.539	ug/L	-0.10
Spiked Amount	25.000	Range	30 - 150	Recovery	= 146.160%	
7) Chloroethane-d5	2.911	69	124	125.001	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 500.000%#	
11) 1,1-Dichloroethene-d2	4.021	65	90	155.434	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 621.720%#	
21) 2-Butanone-d5	7.179	46	123	343.026	ug/L	0.10
Spiked Amount	50.000	Range	20 - 135	Recovery	= 686.060%#	
24) Chloroform-d	7.618	84	42	20.692	ug/L	-0.04
Spiked Amount	25.000	Range	40 - 150	Recovery	= 82.760%	
26) 1,2-Dichloroethane-d4	8.295	65	47	45.281	ug/L	-0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	= 181.120%#	
32) Benzene-d6	8.276	84	69	15.801	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 63.200%	
36) 1,2-Dichloropropane-d6	9.282	67	51	39.617	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 158.480%#	
41) Toluene-d8	10.331	98	108	28.267	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 113.080%	
43) trans-1,3-Dichloroprop...	10.526	79	25	50.219	ug/L	-0.05
Spiked Amount	25.000	Range	30 - 135	Recovery	= 200.880%#	
47) 2-Hexanone-d5	10.953	63	61	254.315	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	= 508.640%#	
56) 1,1,2,2-Tetrachloroeth...	12.763	84	46	43.442	ug/L	0.07
Spiked Amount	25.000	Range	45 - 120	Recovery	= 173.760%#	
66) 1,2-Dichlorobenzene-d4	13.739	152	51	28.528	ug/L	-0.11
Spiked Amount	25.000	Range	75 - 120	Recovery	= 114.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	51	56.014	ug/L	# 1
3) Chloromethane	2.223	50	145	130.033	ug/L	89
5) Vinyl chloride	2.296	62	162	124.544	ug/L	99
6) Bromomethane	2.796	94	25	36.623	ug/L	78
8) Chloroethane	3.039	64	273	367.470	ug/L	89
9) Trichlorofluoromethane	3.295	101	72	57.796	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	32	30.123	ug/L	# 22
12) 1,1-Dichloroethene	3.978	96	48	49.489	ug/L	83
13) Acetone	4.112	43	177	512.048	ug/L	47
14) Carbon disulfide	4.375	76	54	18.423	ug/L	# 74
15) Methyl Acetate	4.753	43	230	380.713	ug/L	97
16) Methylene chloride	4.673	84	56	50.502	ug/L	79
17) trans-1,2-Dichloroethene	5.448	96	49	48.995	ug/L	# 64
18) Methyl tert-butyl Ether	5.417	73	39	24.176	ug/L	# 1
19) 1,1-Dichloroethane	6.216	63	98	48.184	ug/L	# 59
20) cis-1,2-Dichloroethene	7.118	96	45	41.897	ug/L	# 51
22) 2-Butanone	7.203	43	225	504.541	ug/L	96
23) Bromochloromethane	7.490	128	87	205.944	ug/L	# 10
25) Chloroform	7.904	83	72	38.988	ug/L	92

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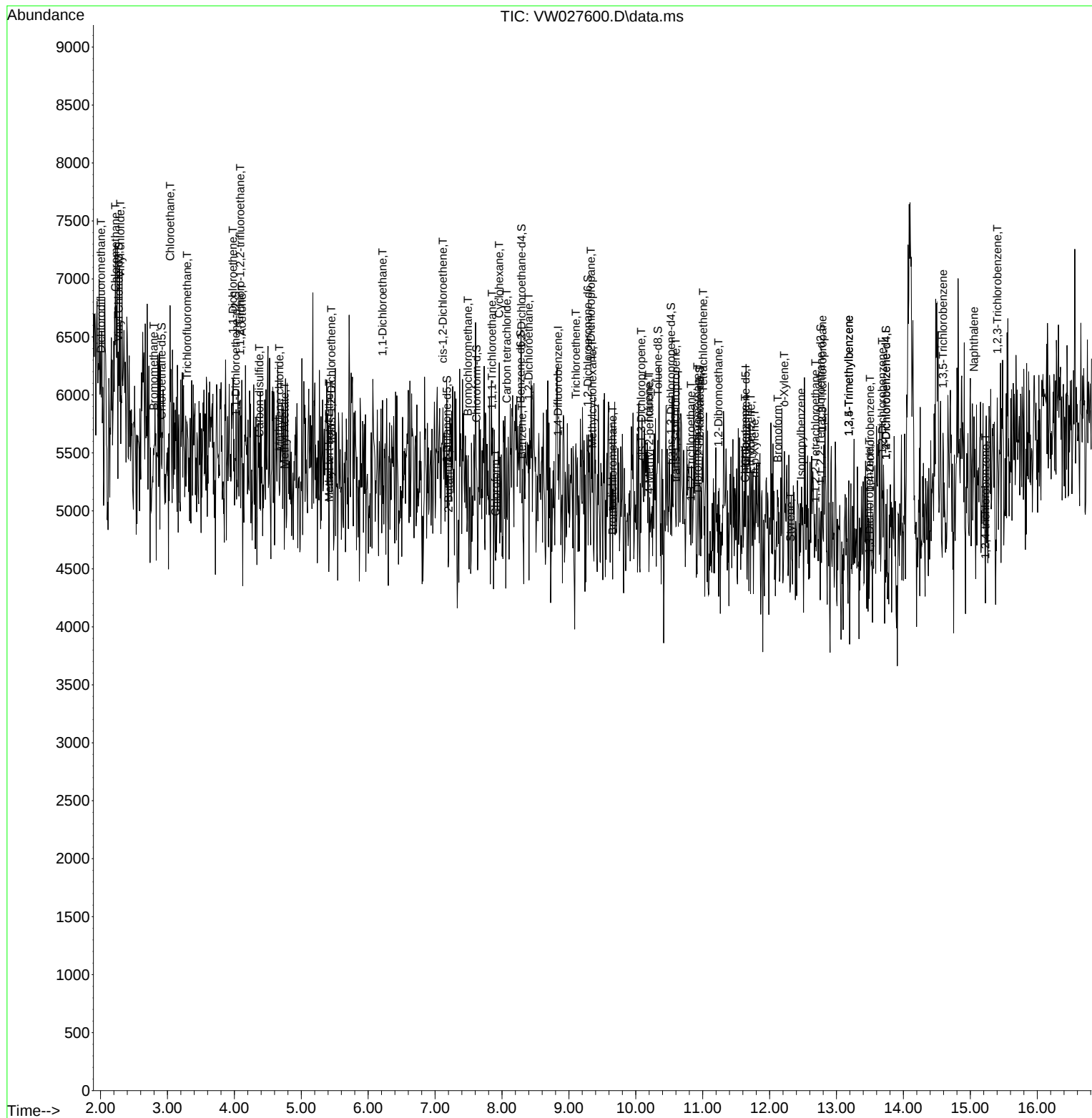
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	32	26.810	ug/L #	75
29) Cyclohexane	7.959	56	108	52.985	ug/L #	62
30) 1,1,1-Trichloroethane	7.850	97	75	43.365	ug/L #	43
31) Carbon tetrachloride	8.069	117	21	13.921	ug/L #	2
33) Benzene	8.301	78	108	25.239	ug/L	100
34) Trichloroethene	9.105	95	39	33.367	ug/L #	24
35) Methylcyclohexane	9.349	83	82	39.400	ug/L #	11
37) 1,2-Dichloropropane	9.331	63	61	53.992	ug/L #	1
38) Bromodichloromethane	9.654	83	73	55.891	ug/L #	24
39) cis-1,3-Dichloropropene	10.081	75	52	31.883	ug/L #	45
40) 4-Methyl-2-pentanone	10.203	43	49	64.162	ug/L #	1
42) Toluene	10.191	91	43	9.501	ug/L	96
44) trans-1,3-Dichloropropene	10.599	75	101	76.766	ug/L #	15
45) 1,1,2-Trichloroethane	10.825	97	80	101.674	ug/L #	36
46) Tetrachloroethene	11.008	164	48	57.605	ug/L #	1
48) 2-Hexanone	10.959	43	42	78.035	ug/L #	1
49) Dibromochloromethane	10.922	129	47	60.430	ug/L #	12
50) 1,2-Dibromoethane	11.233	107	55	76.403	ug/L #	6
51) Chlorobenzene	11.635	112	44	16.114	ug/L #	15
52) Ethylbenzene	11.721	91	20	3.890	ug/L #	47
53) m,p-Xylene	11.776	106	50	26.394	ug/L #	19
54) o-Xylene	12.221	106	59	34.267	ug/L #	14
55) Styrene	12.312	104	60	20.417	ug/L #	62
57) 1,1,2,2-Tetrachloroethane	12.684	83	127	123.983	ug/L #	28
59) Bromoform	12.123	173	46	64.400	ug/L #	7
60) Isopropylbenzene	12.471	105	71	8.432	ug/L #	1
61) 1,2,3-Trichloropropane	12.788	75	41	33.331	ug/L #	1
62) 1,3,5-Trimethylbenzene	13.184	105	45	7.225	ug/L	99
63) 1,2,4-Trimethylbenzene	13.184	105	45	7.255	ug/L	96
64) 1,3-Dichlorobenzene	13.489	146	24	7.441	ug/L #	1
65) 1,4-Dichlorobenzene	13.501	146	26	8.082	ug/L #	30
67) 1,2-Dichlorobenzene	13.684	146	50	17.207	ug/L #	25
69) 1,3,5-Trichlorobenzene	14.592	180	39	17.981	ug/L #	36
70) 1,2,4-trichlorobenzene	15.226	180	64	37.999	ug/L #	25
71) Naphthalene	15.056	128	91	25.688	ug/L #	69
72) 1,2,3-Trichlorobenzene	15.403	180	41	28.417	ug/L #	1

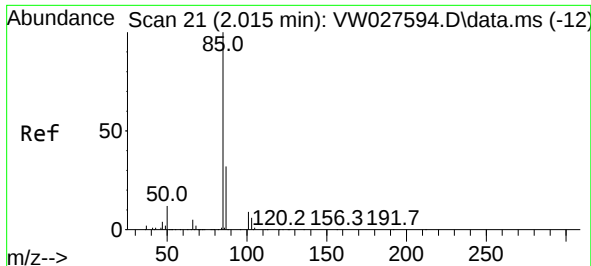
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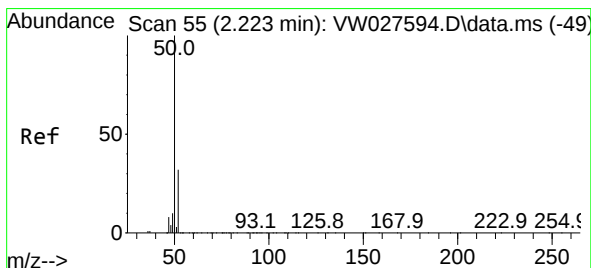
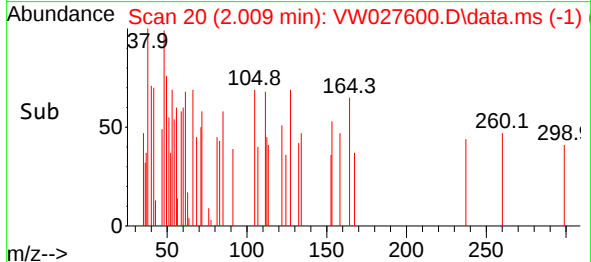
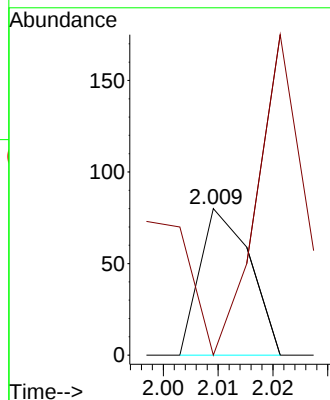
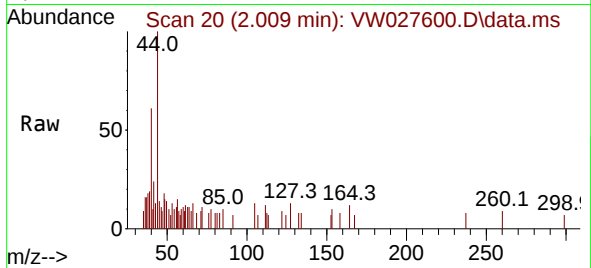




#2
 Dichlorodifluoromethane
 Concen: 56.014 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: VW027600.D
 Acq: 13 Dec 2023 17:27

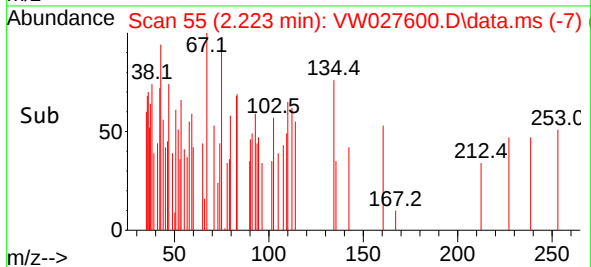
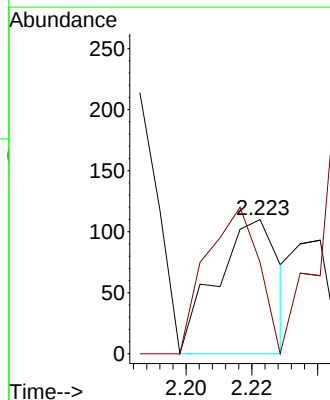
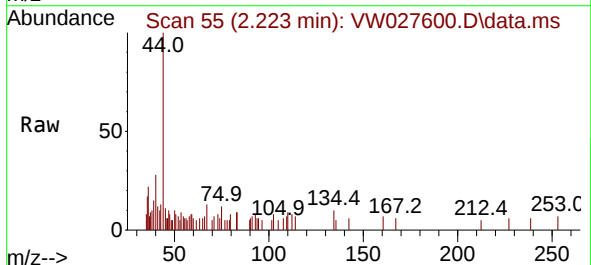
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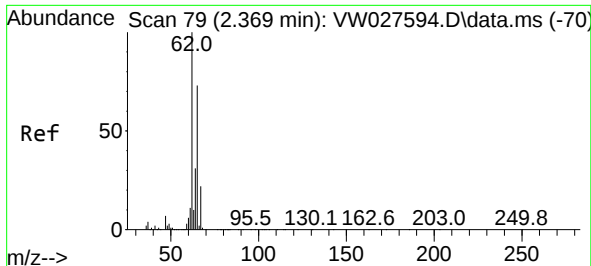
Tgt Ion: 85 Resp: 51
 Ion Ratio Lower Upper
 85 100
 87 202.0 24.0 36.0#



#3
 Chloromethane
 Concen: 130.033 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW027600.D
 Acq: 13 Dec 2023 17:27

Tgt Ion: 50 Resp: 145
 Ion Ratio Lower Upper
 50 100
 52 37.3 21.8 40.6

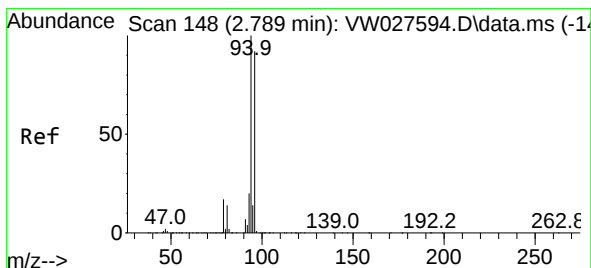
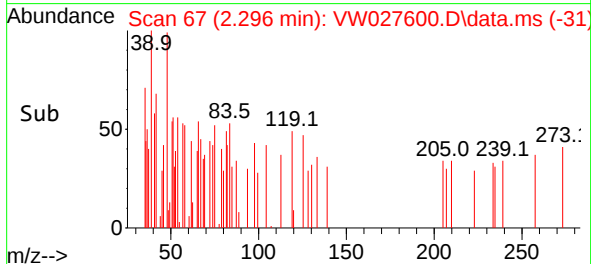
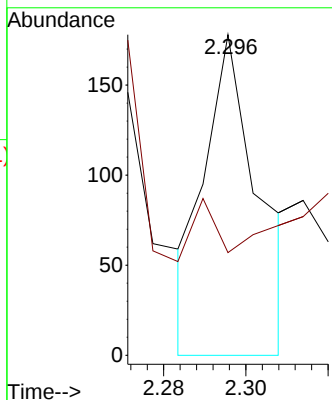
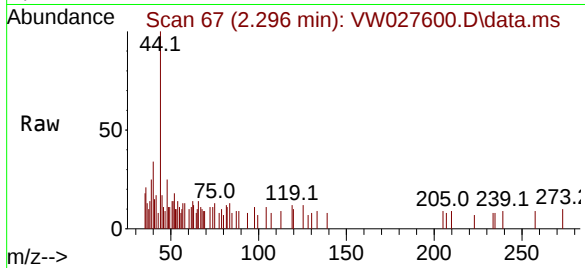




#5
 Vinyl chloride
 Concen: 124.544 ug/L
 RT: 2.296 min Scan# 61
 Delta R.T. -0.079 min
 Lab File: VW027600.D
 Acq: 13 Dec 2023 17:27

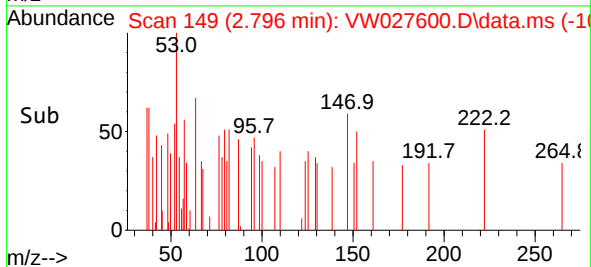
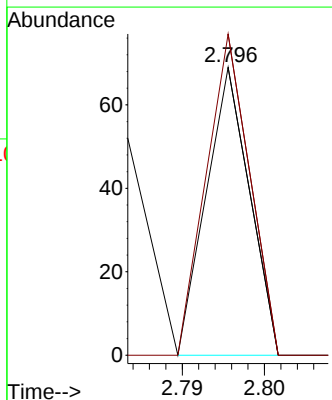
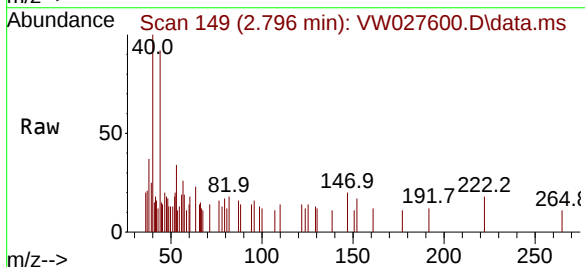
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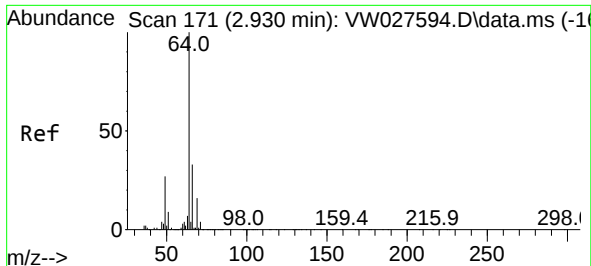
Tgt Ion: 62 Resp: 162
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.2 41.2



#6
 Bromomethane
 Concen: 36.623 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. -0.006 min
 Lab File: VW027600.D
 Acq: 13 Dec 2023 17:27

Tgt Ion: 94 Resp: 25
 Ion Ratio Lower Upper
 94 100
 96 111.6 63.3 117.7

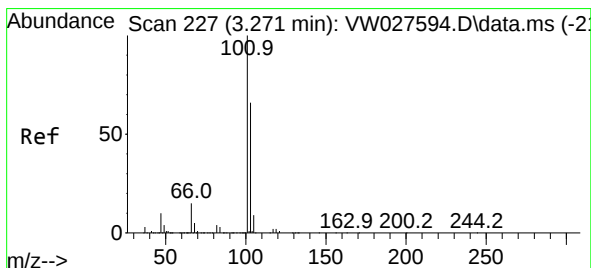
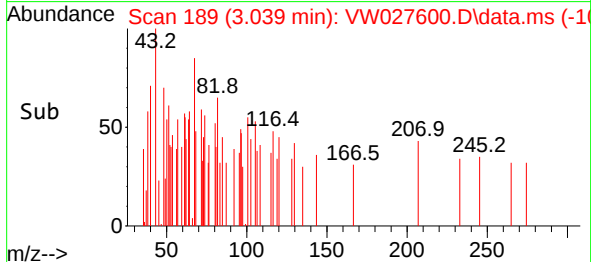
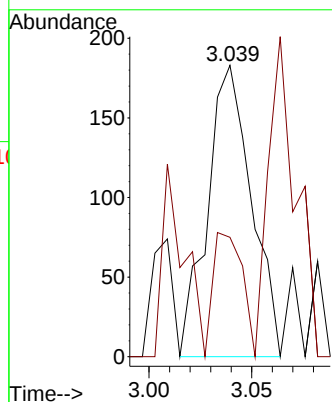
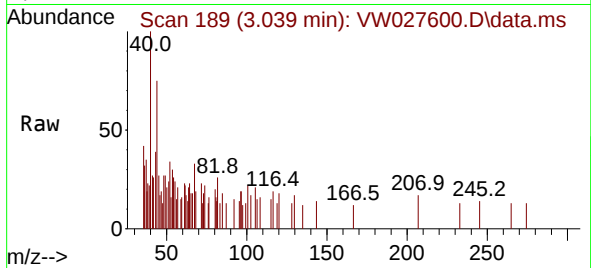




#8
Chloroethane
Concen: 367.470 ug/L
RT: 3.039 min Scan# 11
Delta R.T. 0.104 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

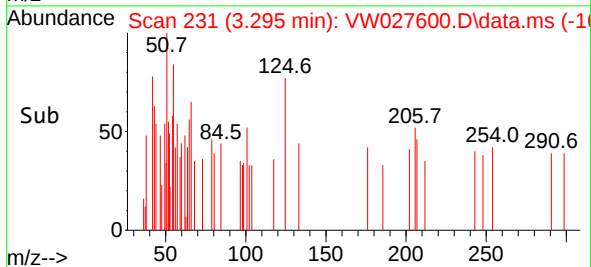
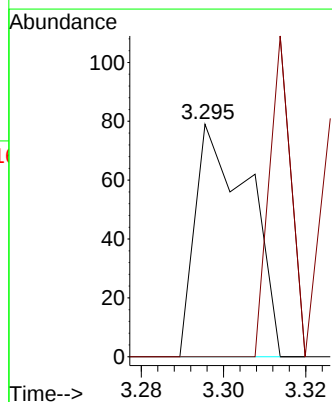
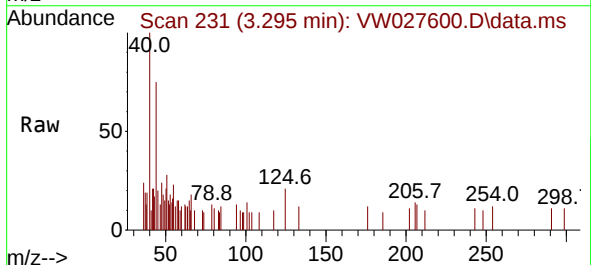
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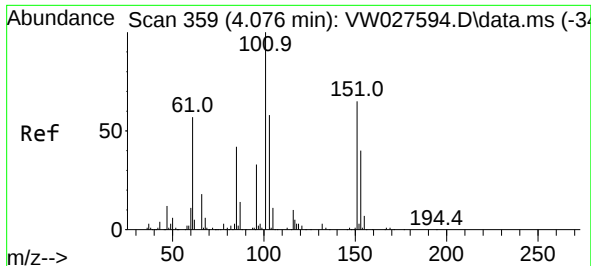
Tgt Ion: 64 Resp: 273
Ion Ratio Lower Upper
64 100
66 41.0 24.1 44.7



#9
Trichlorofluoromethane
Concen: 57.796 ug/L
RT: 3.295 min Scan# 231
Delta R.T. 0.012 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

Tgt Ion: 101 Resp: 72
Ion Ratio Lower Upper
101 100
103 55.6 52.0 78.0

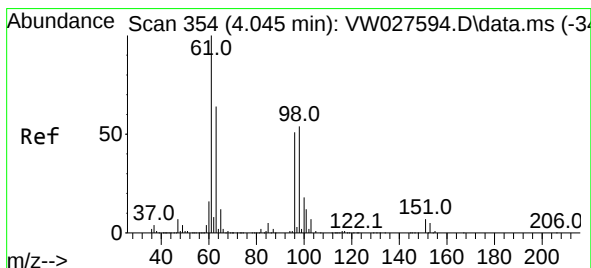
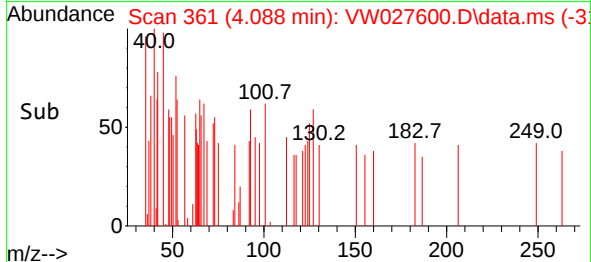
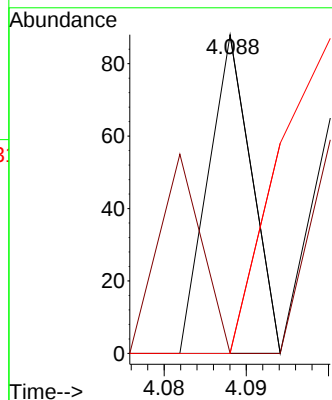
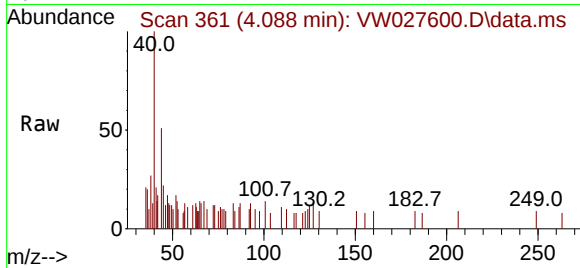




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 30.123 ug/L
 RT: 4.088 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VW027600.D
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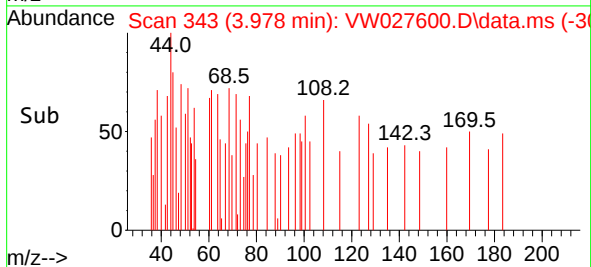
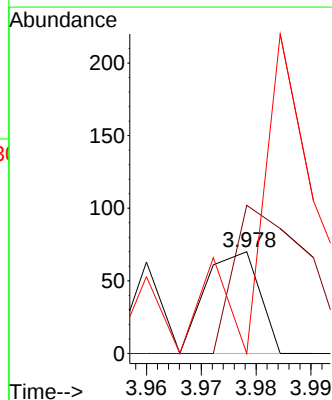
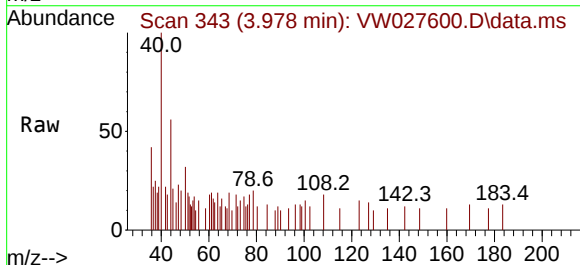
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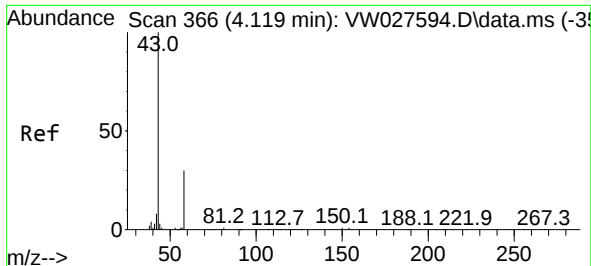
Tgt Ion:101 Resp: 32
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.9 50.9#
 151 0.0 54.6 81.8#



#12
 1,1-Dichloroethene
 Concen: 49.489 ug/L
 RT: 3.978 min Scan# 343
 Delta R.T. -0.073 min
 Lab File: VW027600.D
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Tgt Ion: 96 Resp: 48
 Ion Ratio Lower Upper
 96 100
 61 145.7 127.8 237.4
 63 142.9 104.9 194.7

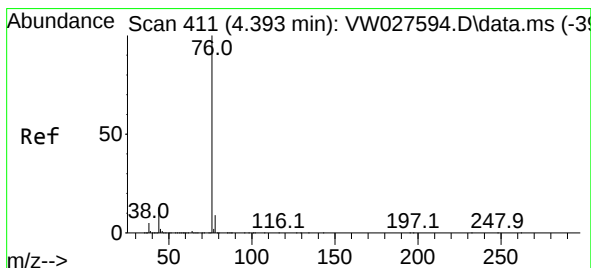
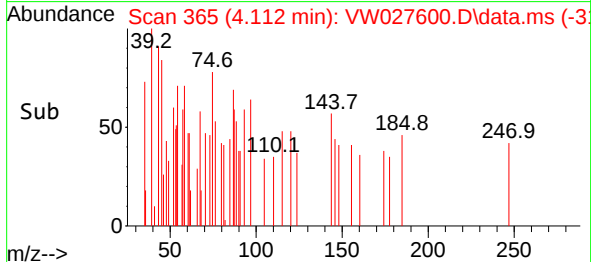
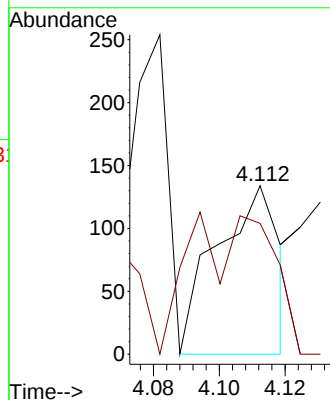
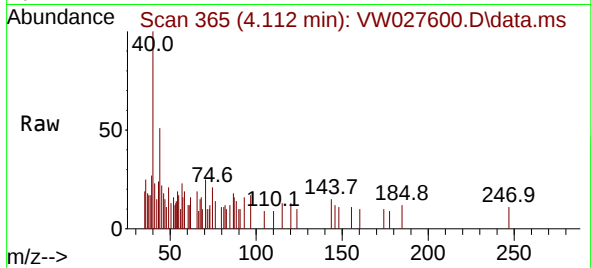




#13
Acetone
Concen: 512.048 ug/L
RT: 4.112 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW027600.D
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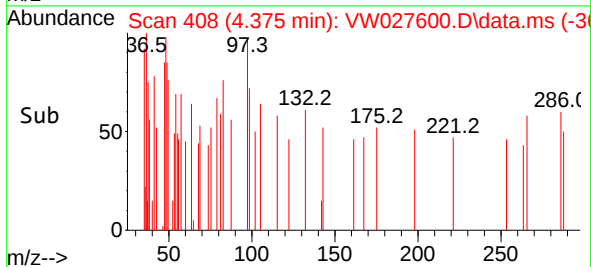
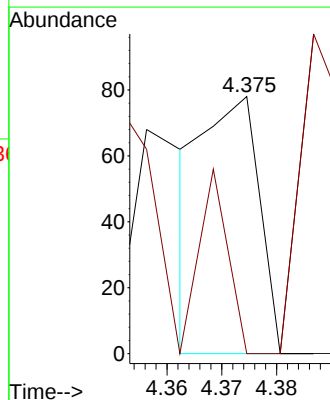
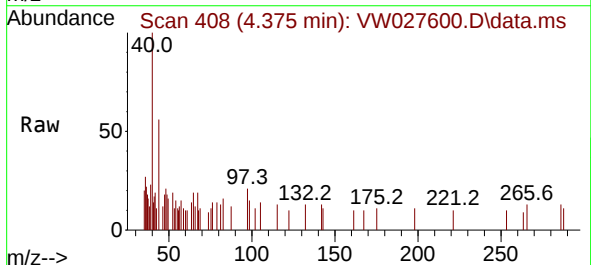
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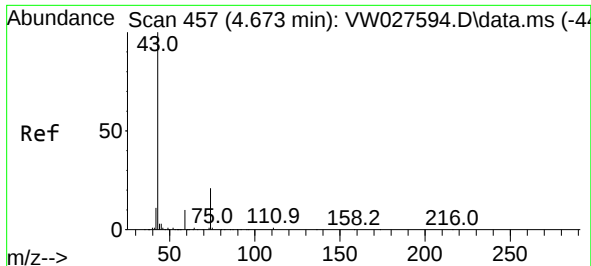
Tgt Ion: 43 Resp: 177
Ion Ratio Lower Upper
43 100
58 58.8 0.0 60.0



#14
Carbon disulfide
Concen: 18.423 ug/L
RT: 4.375 min Scan# 408
Delta R.T. -0.018 min
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Tgt Ion: 76 Resp: 54
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

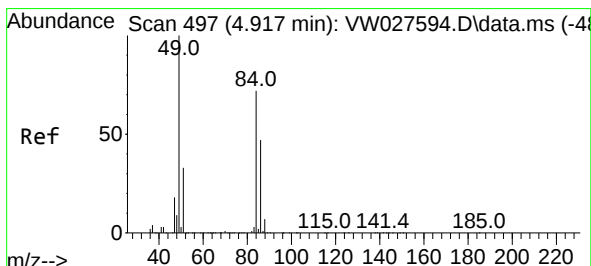
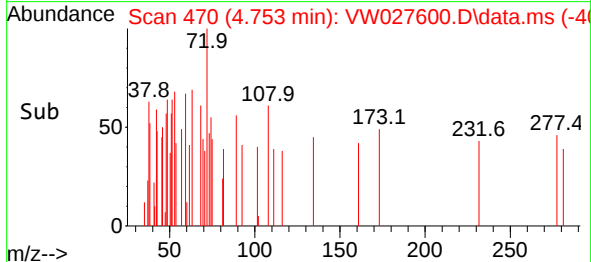
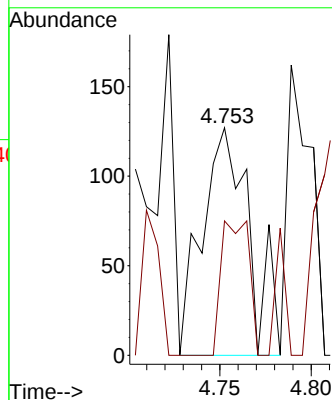
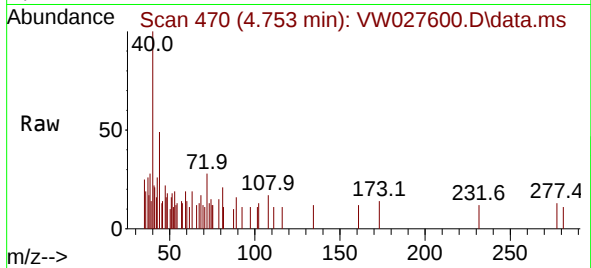




#15
Methyl Acetate
Concen: 380.713 ug/L
RT: 4.753 min Scan# 41
Delta R.T. 0.079 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

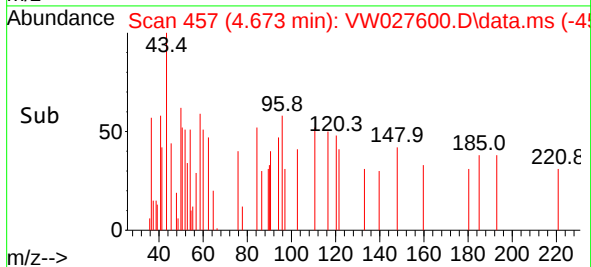
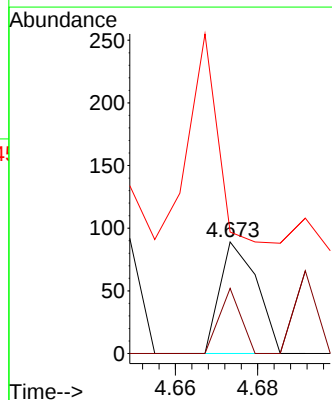
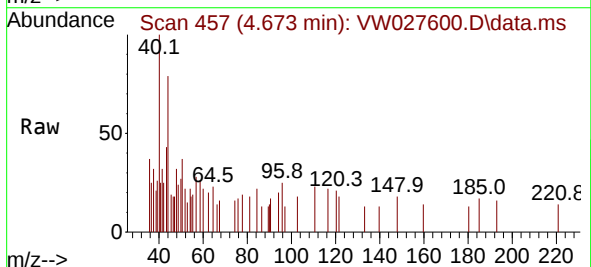
Instrument :
MSVOA_W
ClientSampleId :
E0LQ8MSD

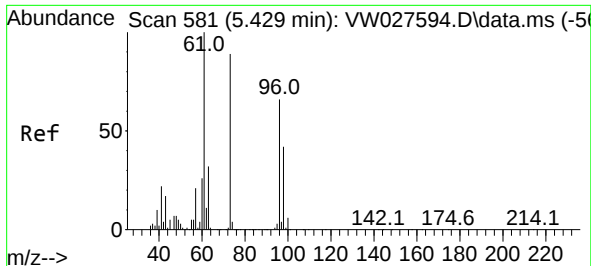
Tgt Ion: 43 Resp: 230
Ion Ratio Lower Upper
43 100
74 22.6 16.8 25.2



#16
Methylene chloride
Concen: 50.502 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.256 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

Tgt Ion: 84 Resp: 56
Ion Ratio Lower Upper
84 100
86 58.4 47.7 88.7
49 109.0 97.4 181.0

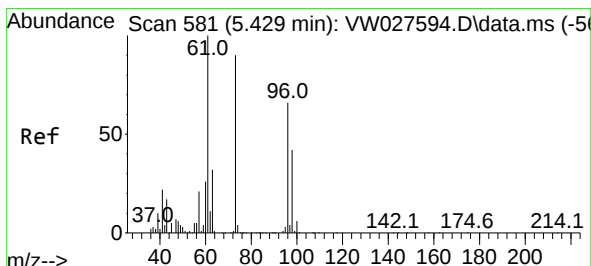
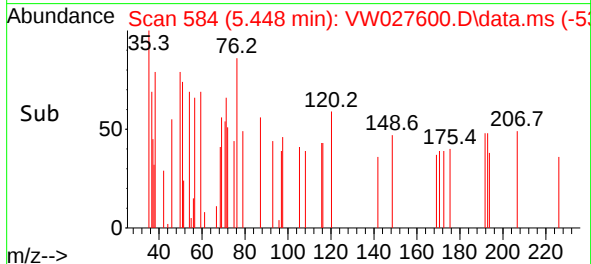
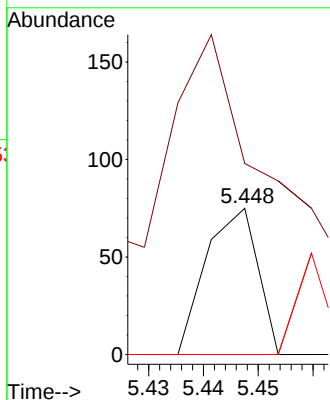
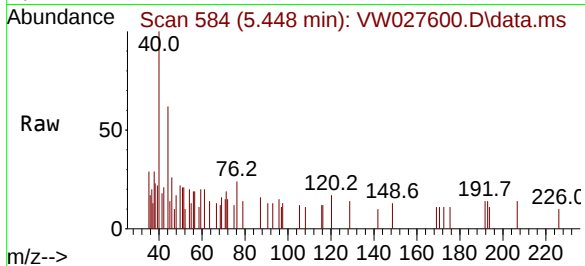




#17
trans-1,2-Dichloroethene
Concen: 48.995 ug/L
RT: 5.448 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

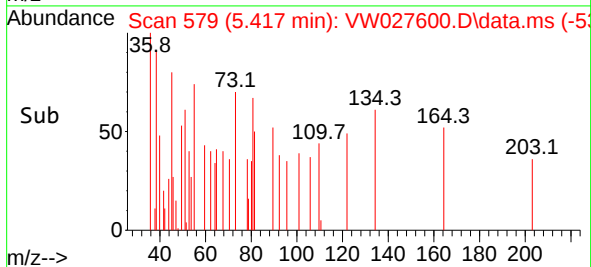
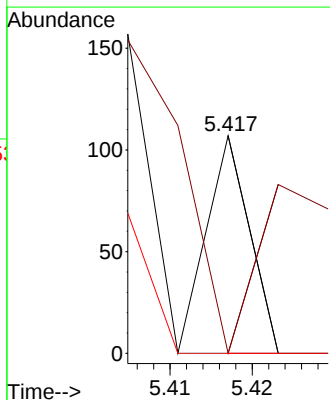
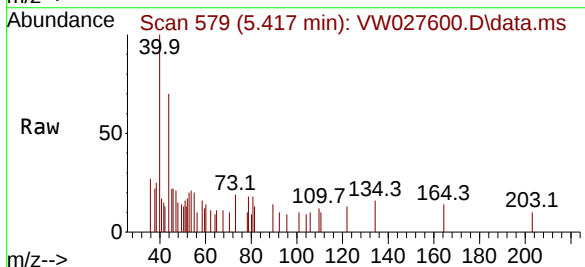
Instrument :
MSVOA_W
ClientSampleId :
E0LQ8MSD

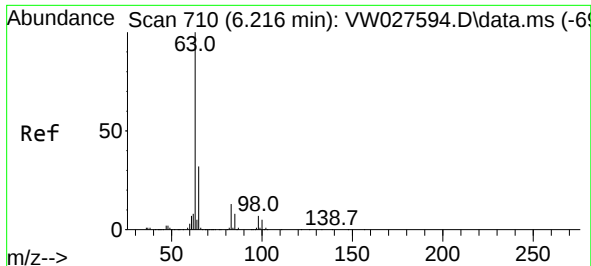
Tgt Ion: 96 Resp: 49
Ion Ratio Lower Upper
96 100
61 130.7 109.6 203.6
98 0.0 41.9 77.7#



#18
Methyl tert-butyl Ether
Concen: 24.176 ug/L
RT: 5.417 min Scan# 579
Delta R.T. -0.012 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

Tgt Ion: 73 Resp: 39
Ion Ratio Lower Upper
73 100
43 143.6 17.8 26.6#
57 0.0 19.9 29.9#





#19

1,1-Dichloroethane

Concen: 48.184 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.012 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

Instrument :

MSVOA_W

ClientSampleId :

E0LQ8MSD

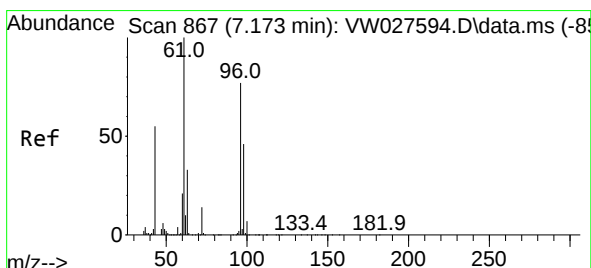
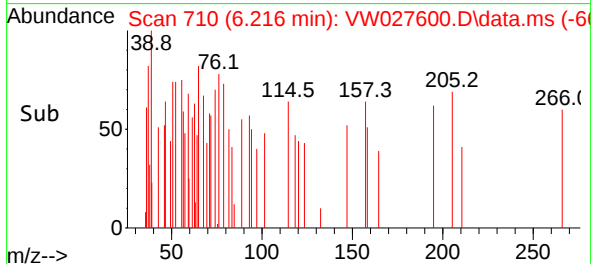
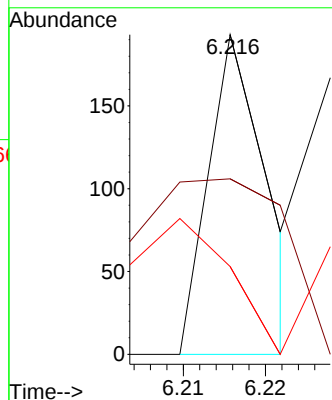
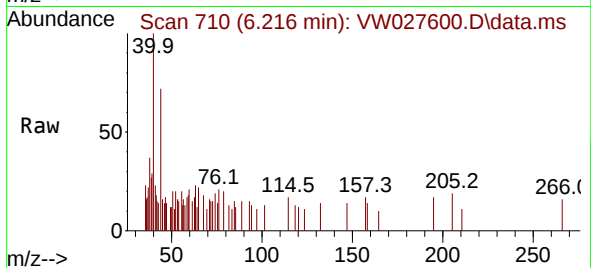
Tgt Ion: 63 Resp: 98

Ion Ratio Lower Upper

63 100

65 54.9 22.0 40.8#

83 27.5 9.0 16.8#



#20

cis-1,2-Dichloroethene

Concen: 41.897 ug/L

RT: 7.118 min Scan# 858

Delta R.T. -0.055 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

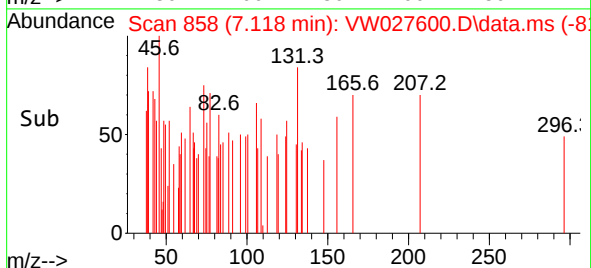
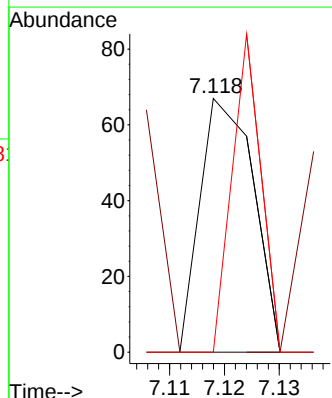
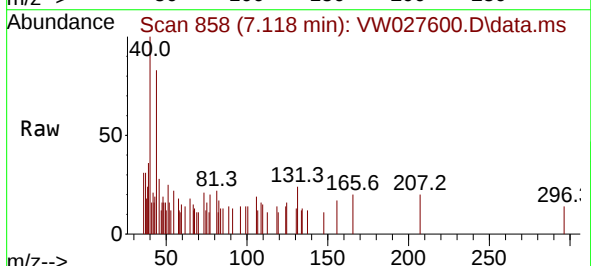
Tgt Ion: 96 Resp: 45

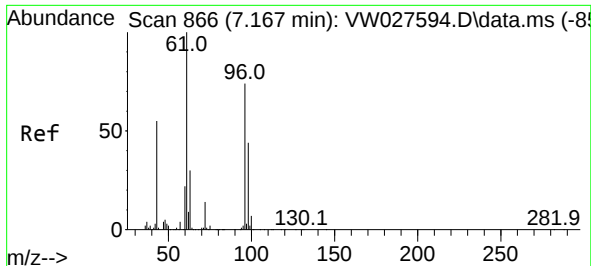
Ion Ratio Lower Upper

96 100

61 95.5 94.0 174.6

98 0.0 45.1 83.7#

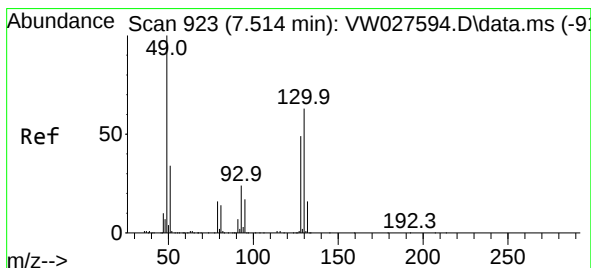
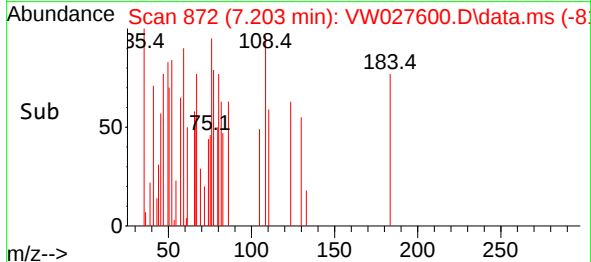
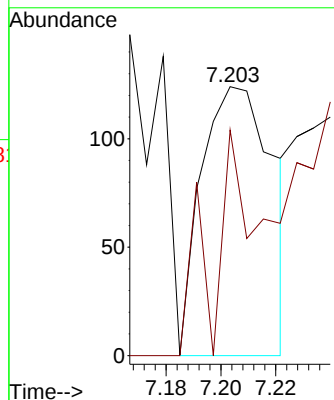
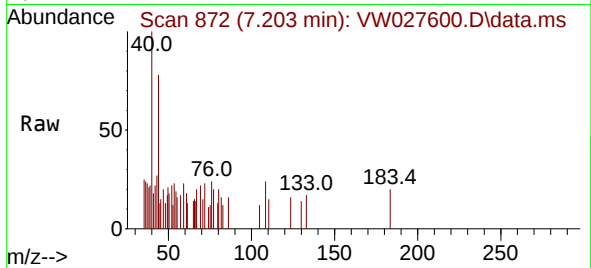




#22
2-Butanone
Concen: 504.541 ug/L
RT: 7.203 min Scan# 81
Delta R.T. 0.031 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

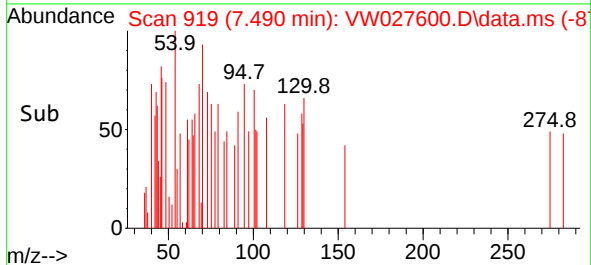
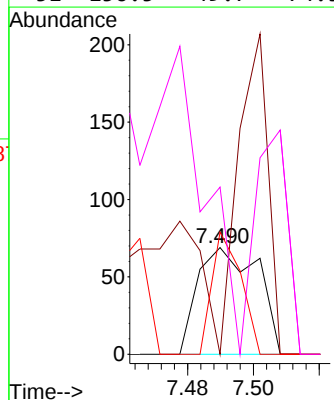
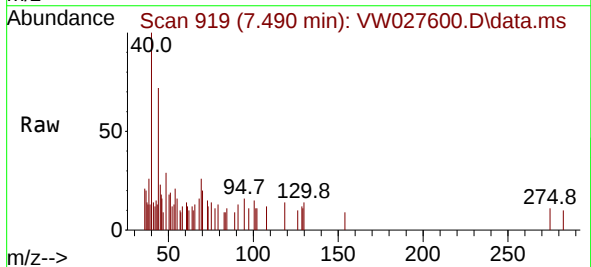
Instrument :
MSVOA_W
ClientSampleId :
E0LQ8MSD

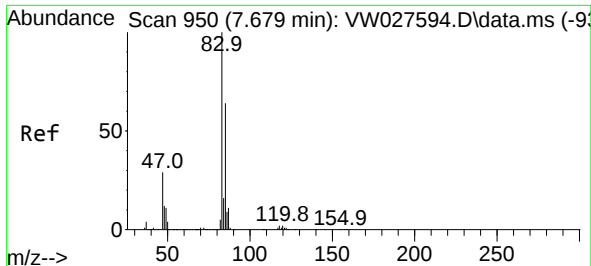
Tgt Ion: 43 Resp: 225
Ion Ratio Lower Upper
43 100
72 25.8 11.9 35.9



#23
Bromochloromethane
Concen: 205.944 ug/L
RT: 7.490 min Scan# 919
Delta R.T. -0.030 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

Tgt Ion:128 Resp: 87
Ion Ratio Lower Upper
128 100
49 0.0 137.8 256.0#
130 114.5 91.2 169.4
51 156.5 49.7 74.5#





#25

Chloroform

Concen: 38.988 ug/L

RT: 7.904 min Scan# 90

Delta R.T. 0.226 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

Instrument :

MSVOA_W

ClientSampleId :

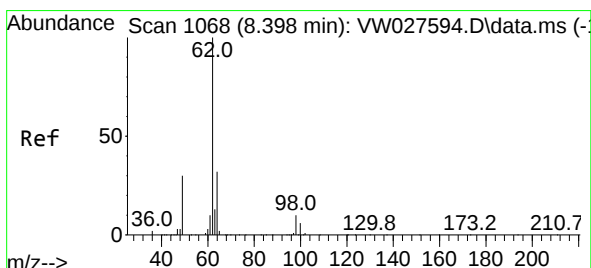
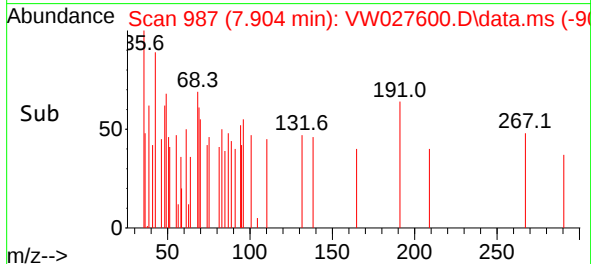
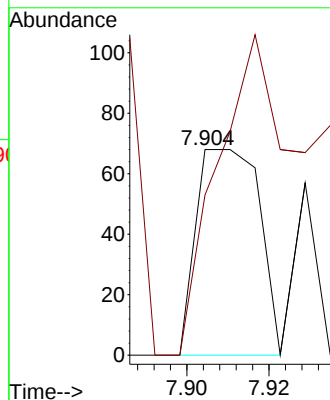
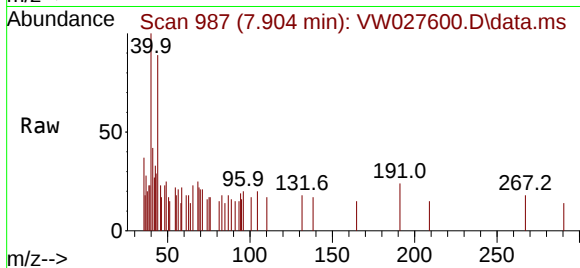
E0LQ8MSD

Tgt Ion: 83 Resp: 72

Ion Ratio Lower Upper

83 100

85 77.9 49.8 92.6



#27

1,2-Dichloroethane

Concen: 26.810 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW027600.D

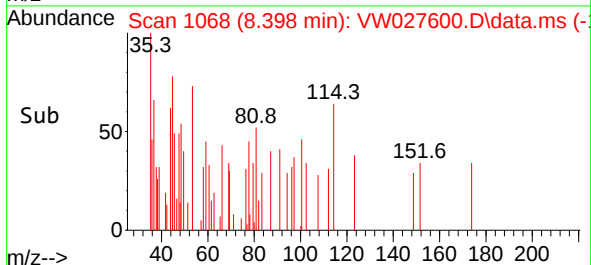
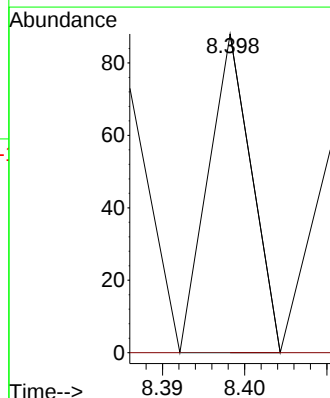
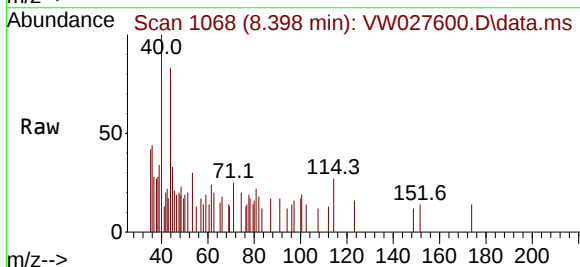
Acq: 13 Dec 2023 17:27

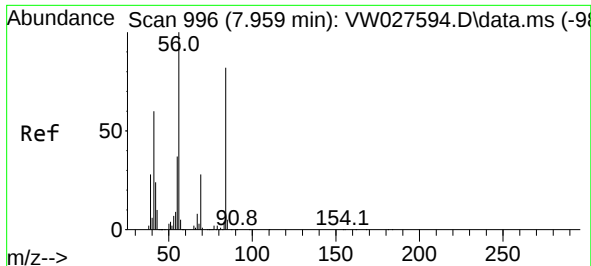
Tgt Ion: 62 Resp: 32

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#





#29

Cyclohexane

Concen: 52.985 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

Instrument :

MSVOA_W

ClientSampleId :

E0LQ8MSD

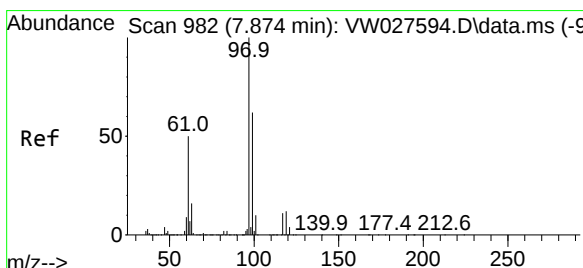
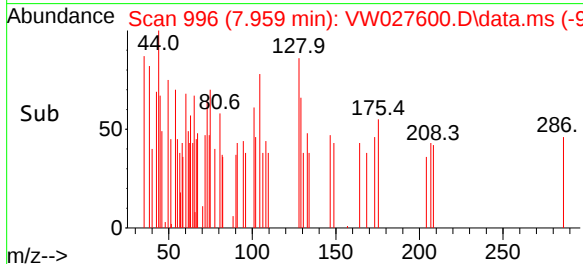
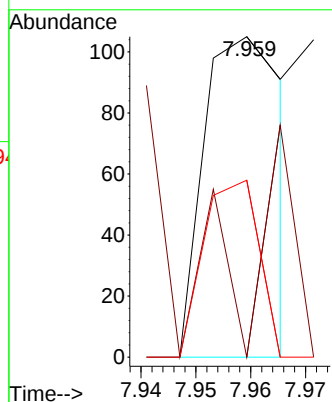
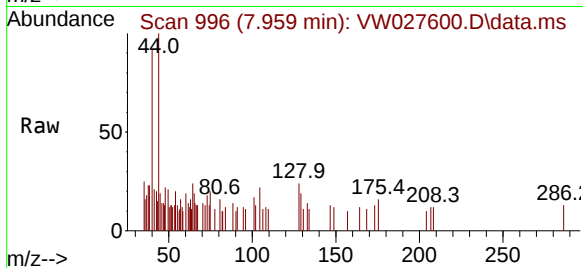
Tgt Ion: 56 Resp: 108

Ion Ratio Lower Upper

56 100

69 25.9 24.1 36.1

84 38.0 65.0 97.4#



#30

1,1,1-Trichloroethane

Concen: 43.365 ug/L

RT: 7.850 min Scan# 978

Delta R.T. -0.024 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

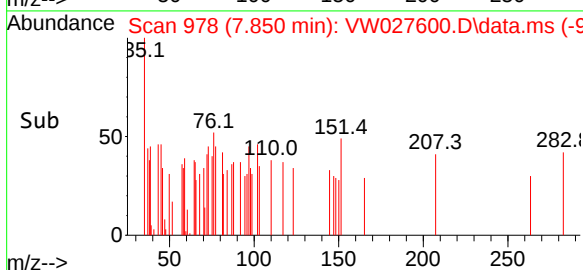
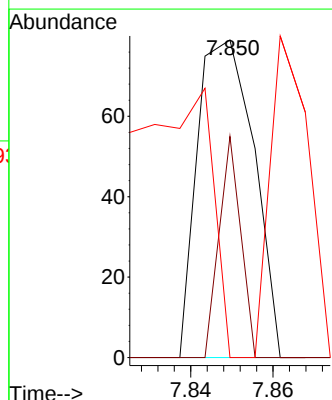
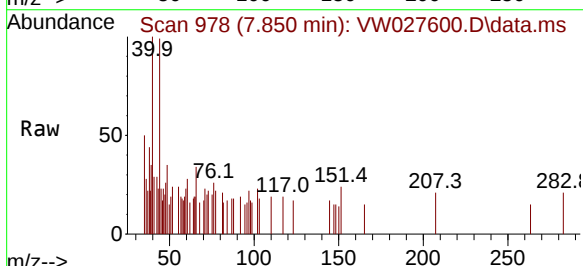
Tgt Ion: 97 Resp: 75

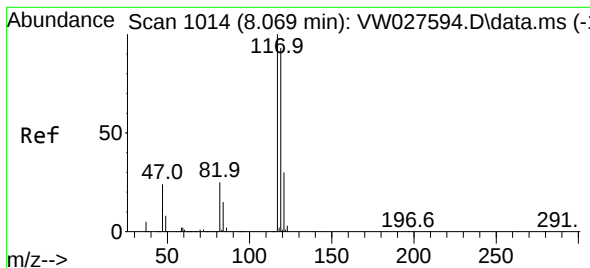
Ion Ratio Lower Upper

97 100

99 0.0 50.5 75.7#

61 32.0 39.0 58.4#





#31

Carbon tetrachloride

Concen: 13.921 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

Instrument :

MSVOA_W

ClientSampleId :

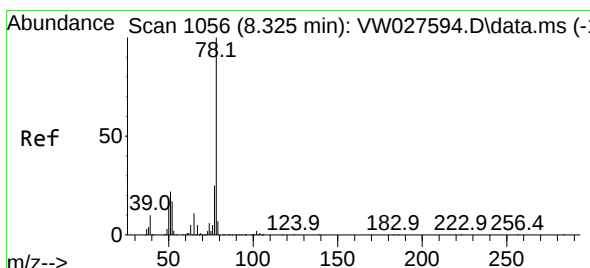
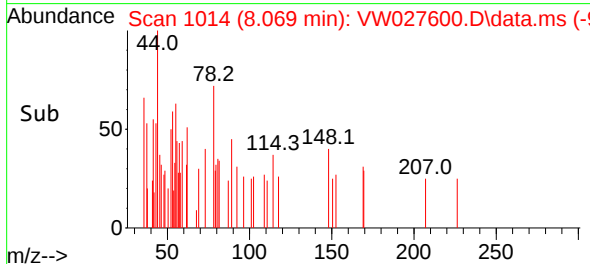
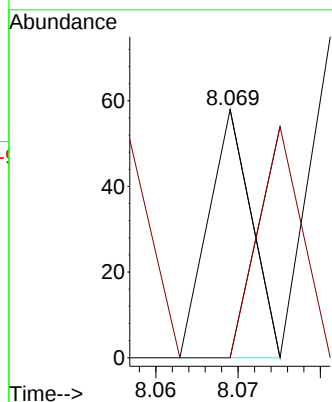
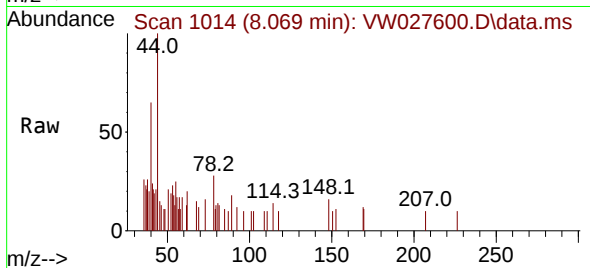
E0LQ8MSD

Tgt Ion:117 Resp: 21

Ion Ratio Lower Upper

117 100

119 0.0 77.0 115.6#



#33

Benzene

Concen: 25.239 ug/L

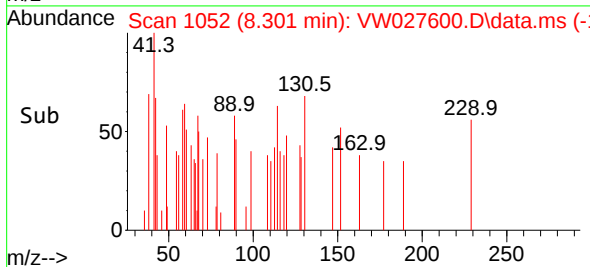
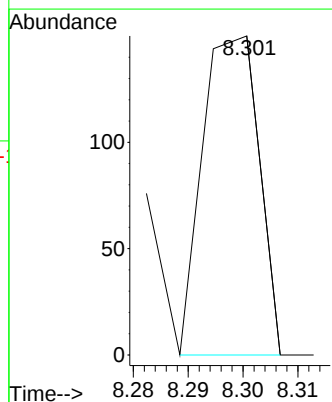
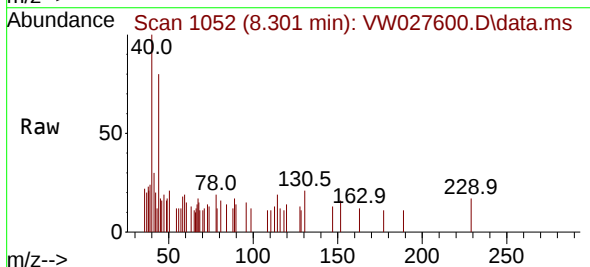
RT: 8.301 min Scan# 1052

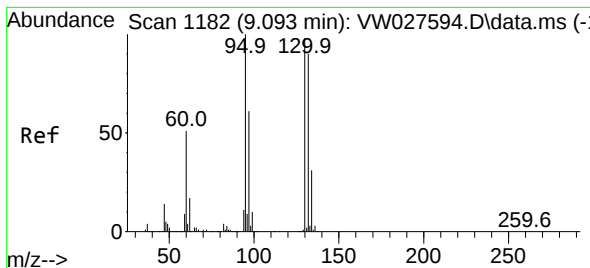
Delta R.T. -0.024 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

Tgt Ion: 78 Resp: 108





#34

Trichloroethene

Concen: 33.367 ug/L

RT: 9.105 min Scan# 1182

Delta R.T. 0.012 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

Instrument :

MSVOA_W

ClientSampleId :

E0LQ8MSD

Tgt Ion: 95 Resp: 39

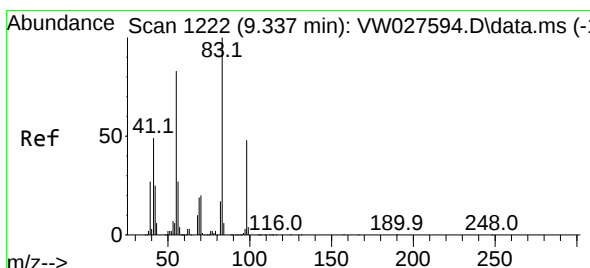
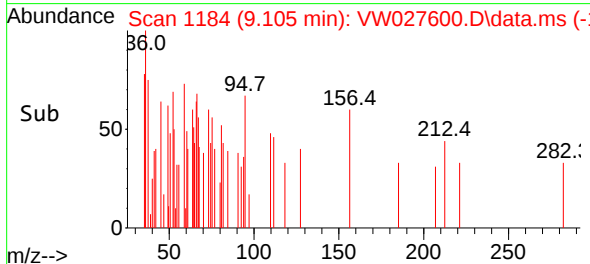
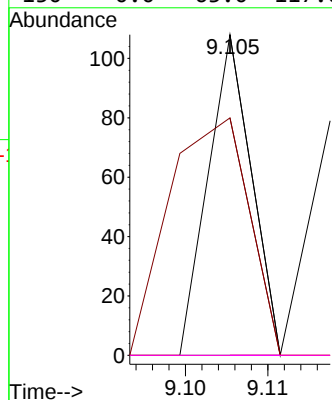
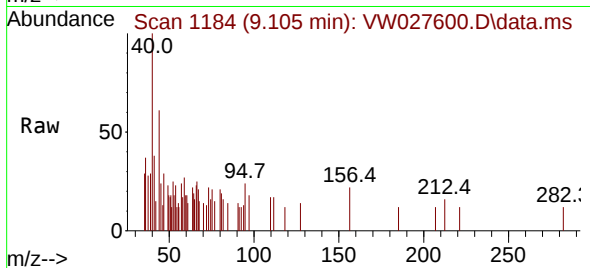
Ion Ratio Lower Upper

95 100

97 74.1 43.0 80.0

132 0.0 64.1 119.1#

130 0.0 63.0 117.0#



#35

Methylcyclohexane

Concen: 39.400 ug/L

RT: 9.349 min Scan# 1224

Delta R.T. 0.012 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

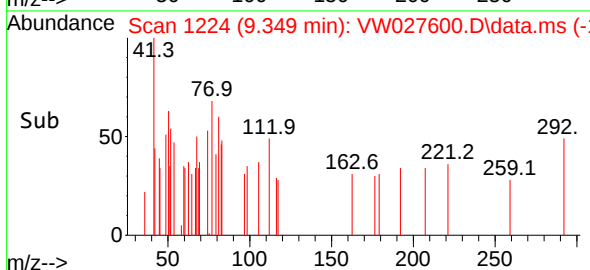
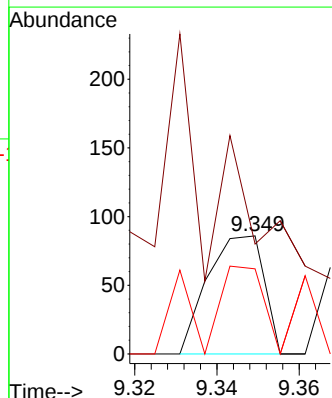
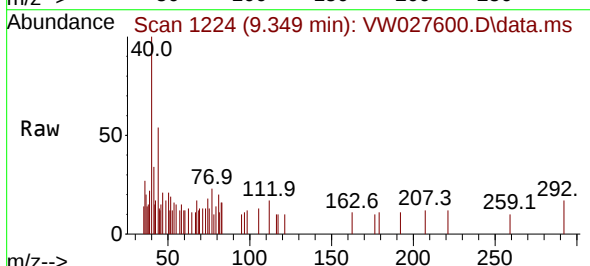
Tgt Ion: 83 Resp: 82

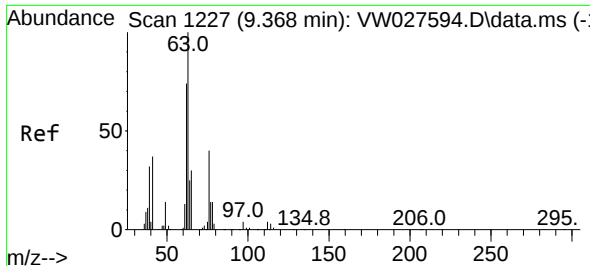
Ion Ratio Lower Upper

83 100

55 202.4 65.6 98.4#

98 56.1 38.3 57.5





#37

1,2-Dichloropropane

Concen: 53.992 ug/L

RT: 9.331 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

Instrument :

MSVOA_W

ClientSampleId :

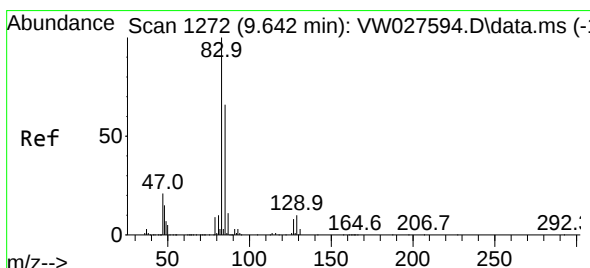
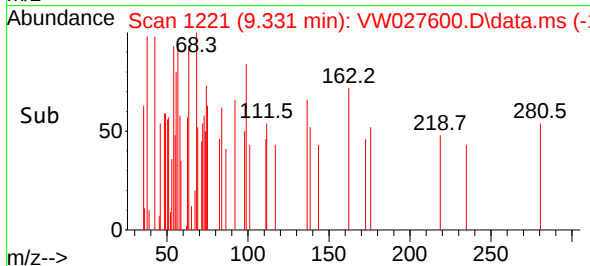
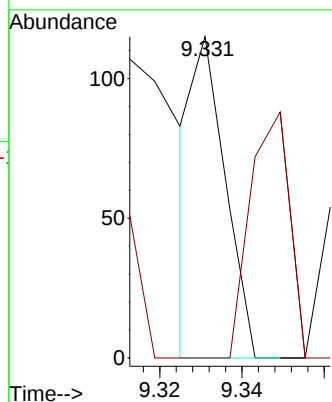
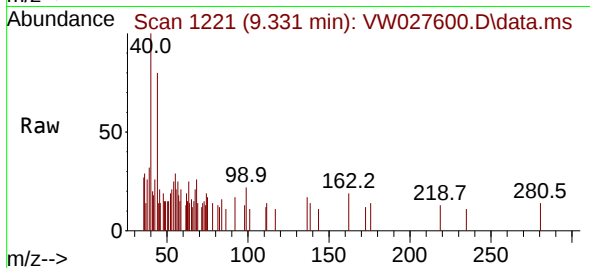
E0LQ8MSD

Tgt Ion: 63 Resp: 61

Ion Ratio Lower Upper

63 100

112 96.7 3.6 5.4#



#38

Bromodichloromethane

Concen: 55.891 ug/L

RT: 9.654 min Scan# 1274

Delta R.T. 0.012 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

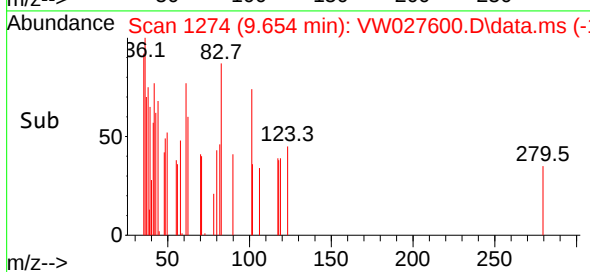
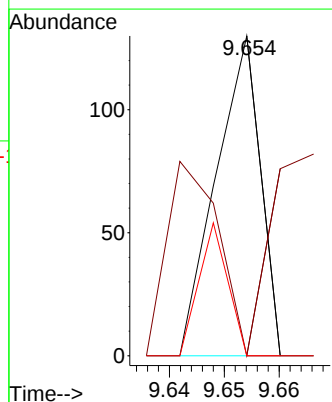
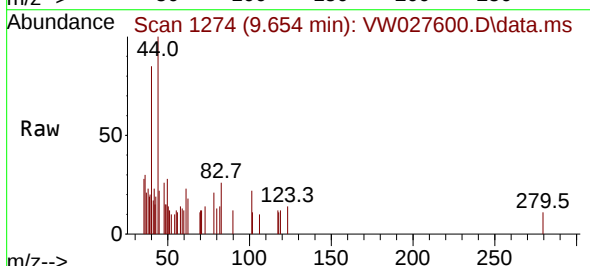
Tgt Ion: 83 Resp: 73

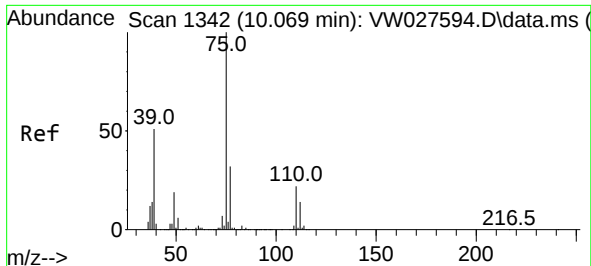
Ion Ratio Lower Upper

83 100

85 0.0 44.3 82.3#

127 0.0 5.3 7.9#





#39

cis-1,3-Dichloropropene

Concen: 31.883 ug/L

RT: 10.081 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

Instrument :

MSVOA_W

ClientSampleId :

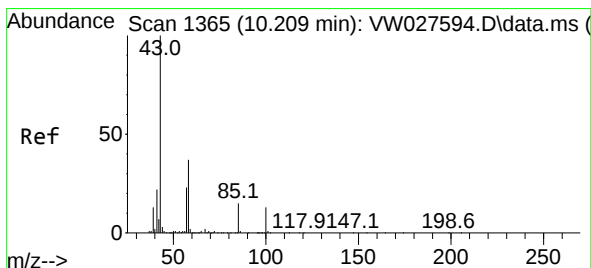
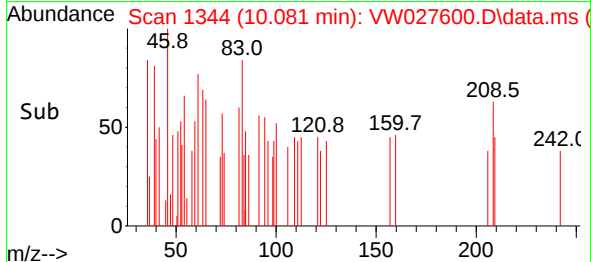
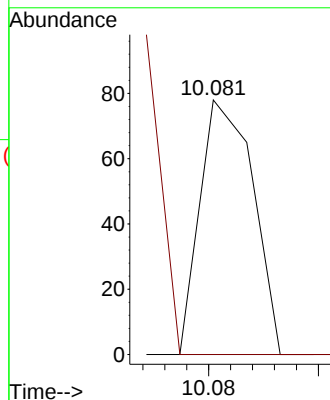
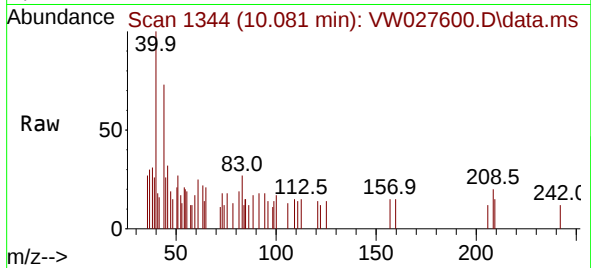
E0LQ8MSD

Tgt Ion: 75 Resp: 52

Ion Ratio Lower Upper

75 100

77 0.0 21.1 39.1#



#40

4-Methyl-2-pentanone

Concen: 64.162 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

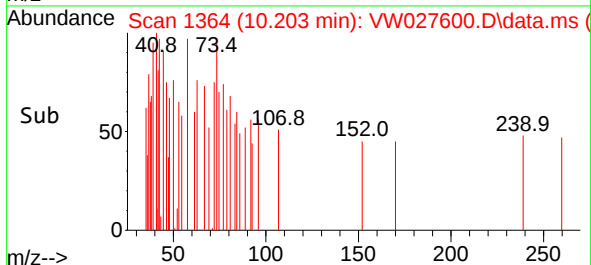
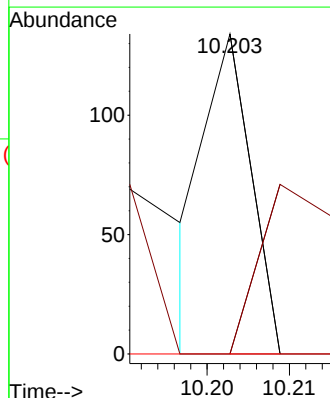
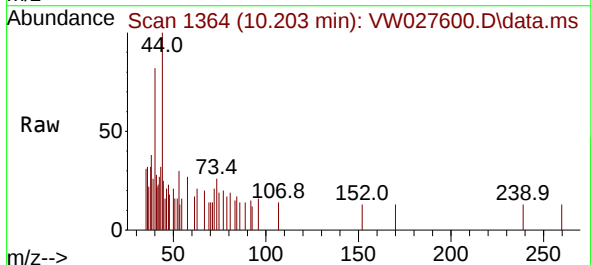
Tgt Ion: 43 Resp: 49

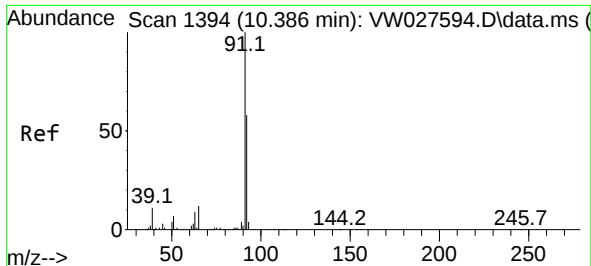
Ion Ratio Lower Upper

43 100

58 246.9 29.6 44.4#

100 0.0 11.1 16.7#

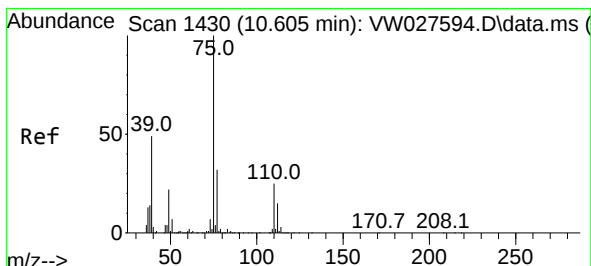
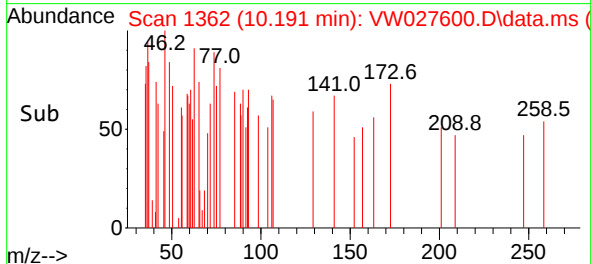
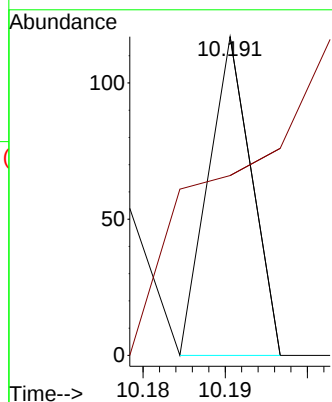
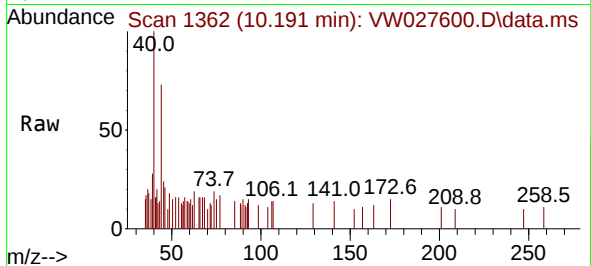




#42
Toluene
Concen: 9.501 ug/L
RT: 10.191 min Scan# 11
Delta R.T. -0.195 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

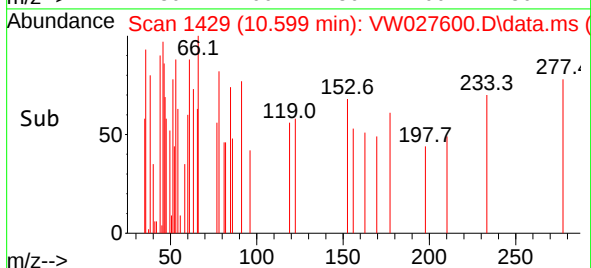
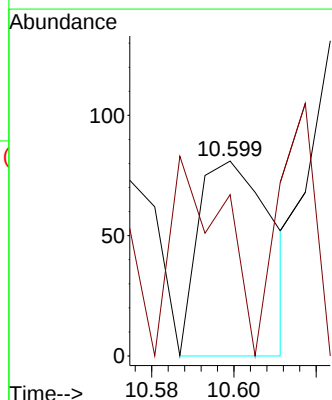
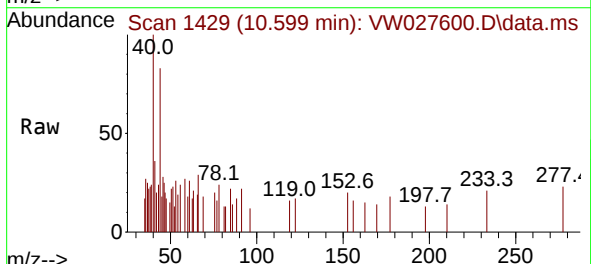
Instrument :
MSVOA_W
ClientSampleId :
E0LQ8MSD

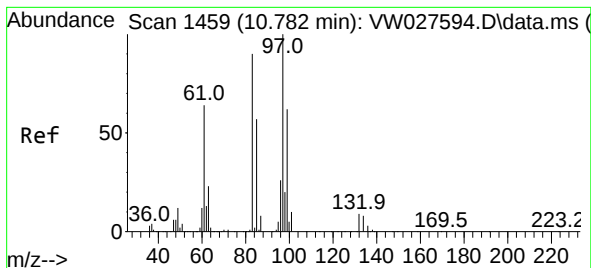
Tgt Ion: 91 Resp: 43
Ion Ratio Lower Upper
91 100
92 56.4 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 76.766 ug/L
RT: 10.599 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

Tgt Ion: 75 Resp: 101
Ion Ratio Lower Upper
75 100
77 82.7 23.7 44.1#





#45

1,1,2-Trichloroethane

Concen: 101.674 ug/L

RT: 10.825 min Scan# 1466

Delta R.T. 0.037 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

Instrument :

MSVOA_W

ClientSampleId :

E0LQ8MSD

Tgt Ion: 97 Resp: 80

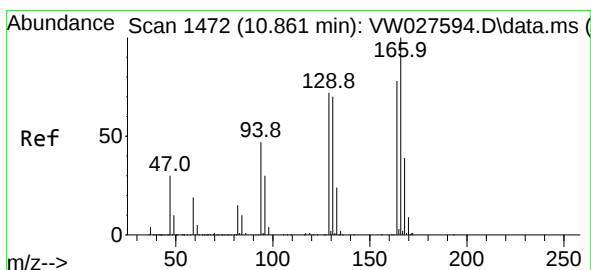
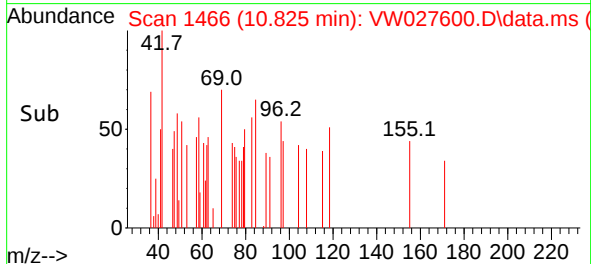
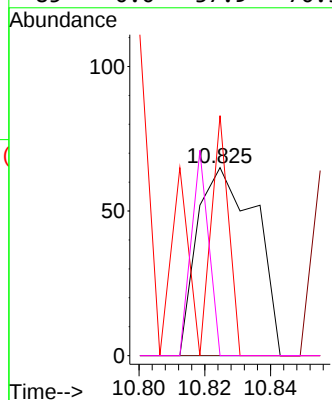
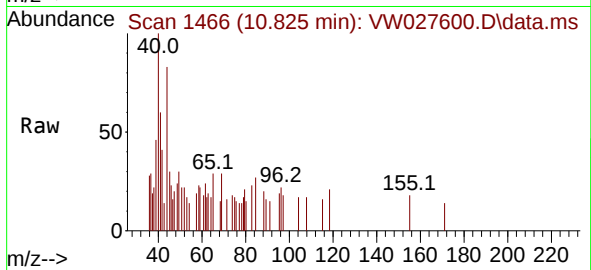
Ion Ratio Lower Upper

97 100

99 0.0 42.8 79.4#

83 127.7 59.9 111.3#

85 0.0 37.9 70.5#



#46

Tetrachloroethene

Concen: 57.605 ug/L

RT: 11.008 min Scan# 1496

Delta R.T. 0.146 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

Tgt Ion:164 Resp: 48

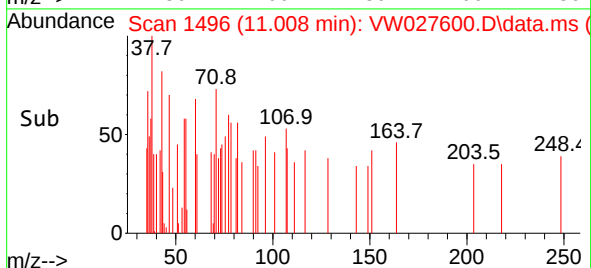
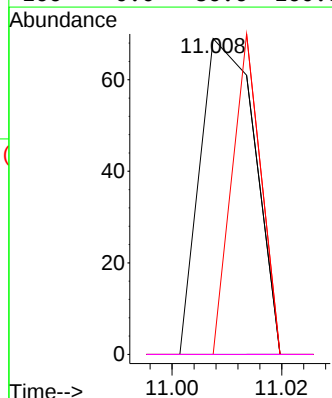
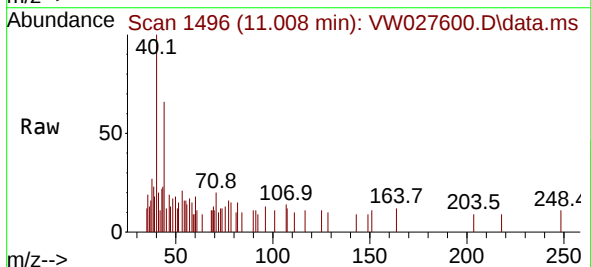
Ion Ratio Lower Upper

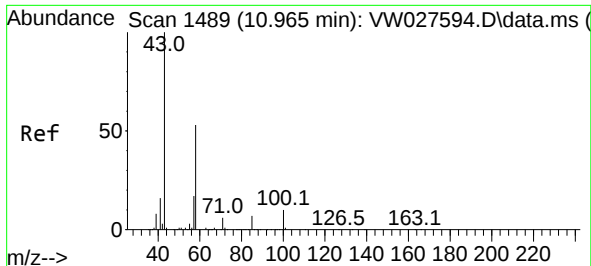
164 100

129 0.0 71.0 131.8#

131 0.0 61.2 113.6#

166 0.0 86.6 160.8#

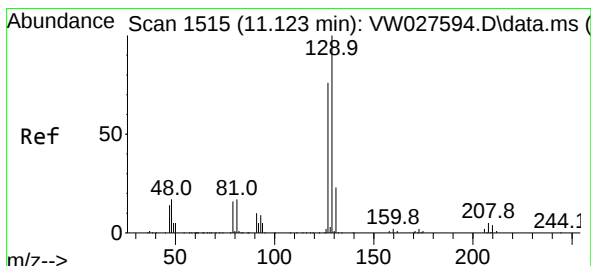
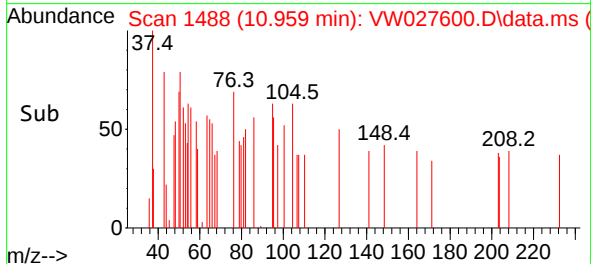
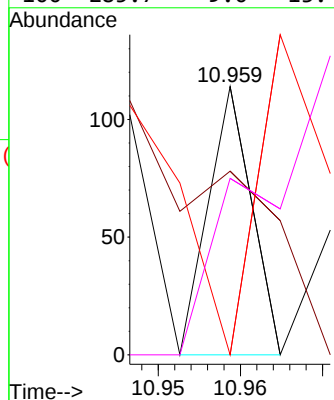
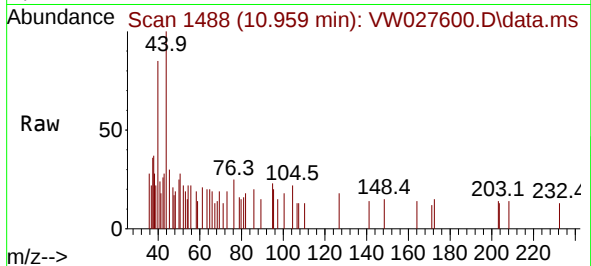




#48
2-Hexanone
Concen: 78.035 ug/L
RT: 10.959 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

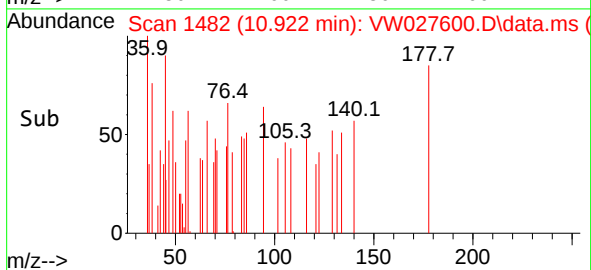
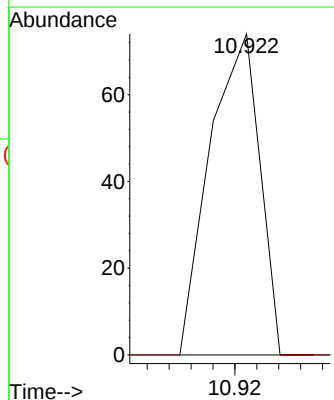
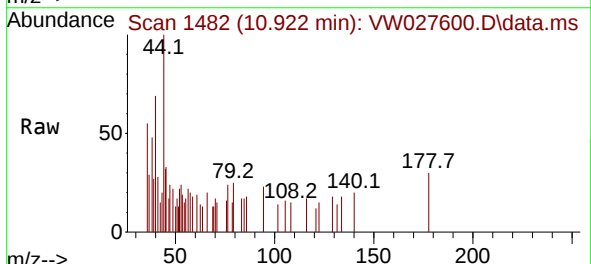
Instrument :
MSVOA_W
ClientSampleId :
E0LQ8MSD

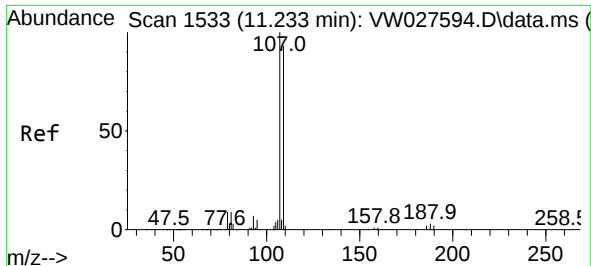
Tgt Ion: 43	Resp: 42
Ion Ratio	Lower Upper
43 100	
58 0.0	40.8 61.2#
57 307.1	14.8 22.2#
100 285.7	9.0 13.4#



#49
Dibromochloromethane
Concen: 60.430 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.207 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

Tgt Ion:129	Resp:	47	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.3	97.1#

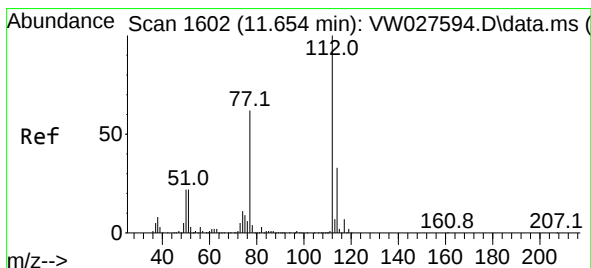
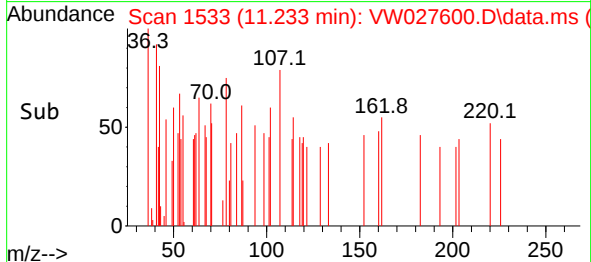
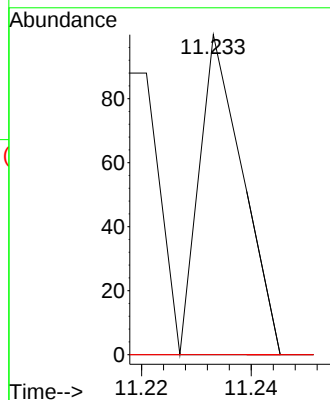
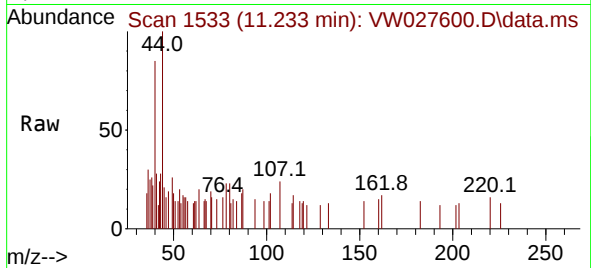




#50
1,2-Dibromoethane
Concen: 76.403 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

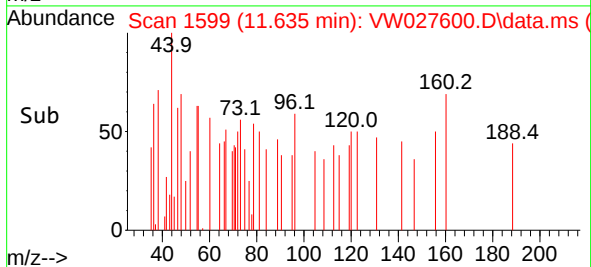
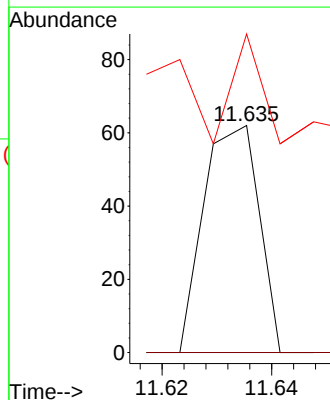
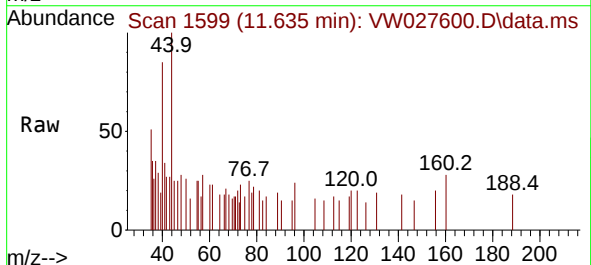
Instrument :
MSVOA_W
ClientSampleId :
E0LQ8MSD

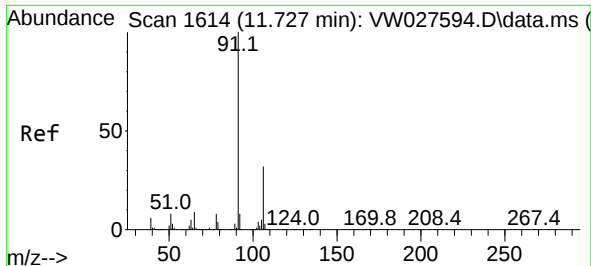
Tgt Ion:	107	Resp:	55
Ion	Ratio	Lower	Upper
107	100		
109	0.0	64.8	120.3#
188	0.0	2.7	4.1#



#51
Chlorobenzene
Concen: 16.114 ug/L
RT: 11.635 min Scan# 1599
Delta R.T. -0.018 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

Tgt Ion:	112	Resp:	44
Ion	Ratio	Lower	Upper
112	100		
114	0.0	21.5	39.9#
77	140.3	50.6	76.0#

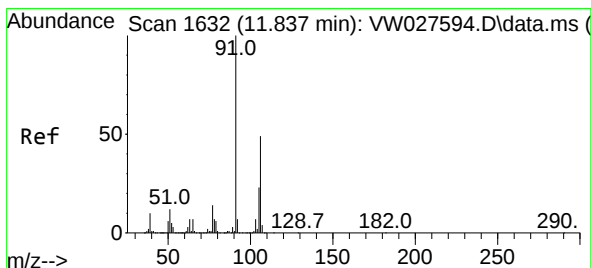
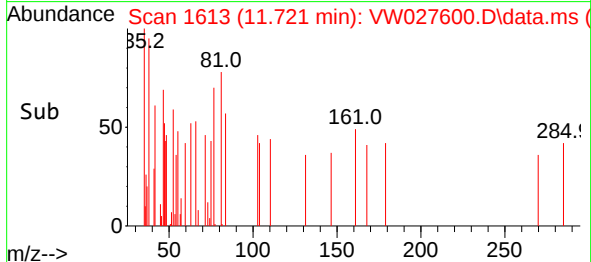
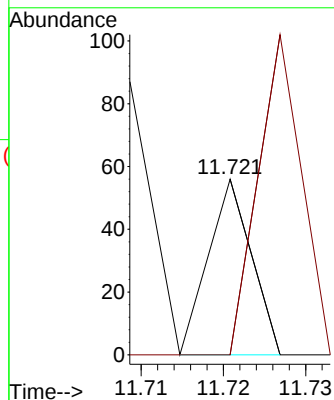
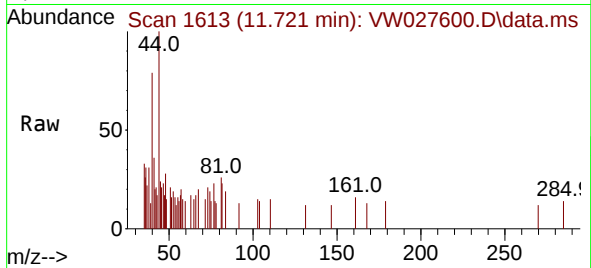




#52
Ethylbenzene
Concen: 3.890 ug/L
RT: 11.721 min Scan# 1613
Delta R.T. -0.006 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

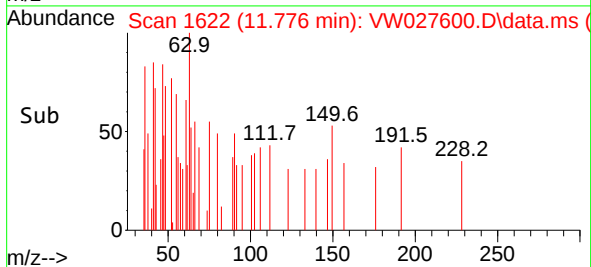
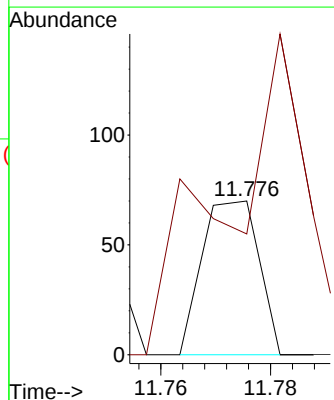
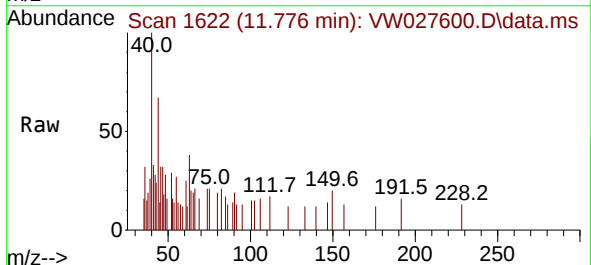
Instrument :
MSVOA_W
ClientSampleId :
E0LQ8MSD

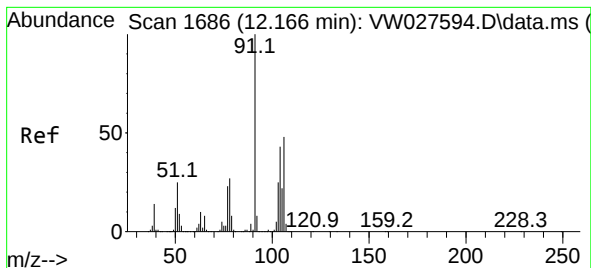
Tgt Ion: 91 Resp: 20
Ion Ratio Lower Upper
91 100
106 0.0 19.5 36.1#



#53
m,p-Xylene
Concen: 26.394 ug/L
RT: 11.776 min Scan# 1622
Delta R.T. -0.061 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

Tgt Ion:106 Resp: 50
Ion Ratio Lower Upper
106 100
91 78.6 142.1 263.9#





#54

o-Xylene

Concen: 34.267 ug/L

RT: 12.221 min Scan# 1

Delta R.T. 0.055 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

Instrument :

MSVOA_W

ClientSampleId :

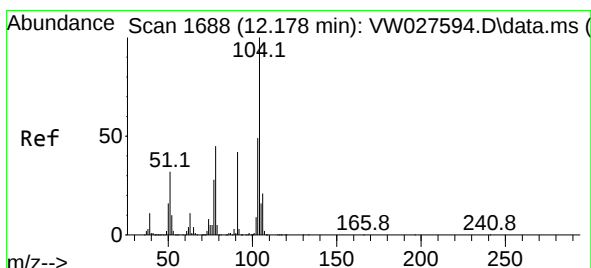
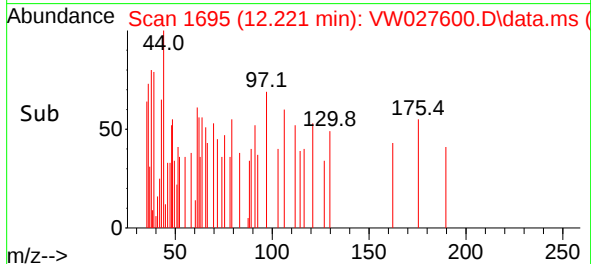
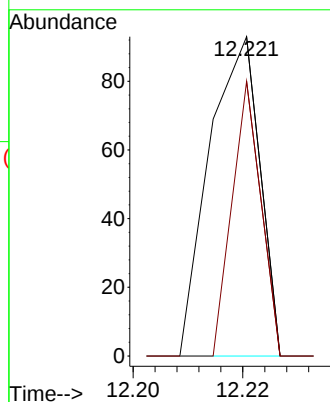
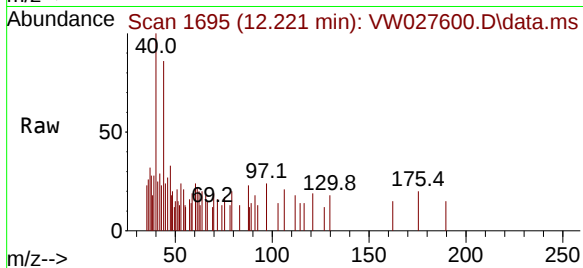
E0LQ8MSD

Tgt Ion:106 Resp: 59

Ion Ratio Lower Upper

106 100

91 86.0 158.8 295.0#



#55

Styrene

Concen: 20.417 ug/L

RT: 12.312 min Scan# 1710

Delta R.T. 0.134 min

Lab File: VW027600.D

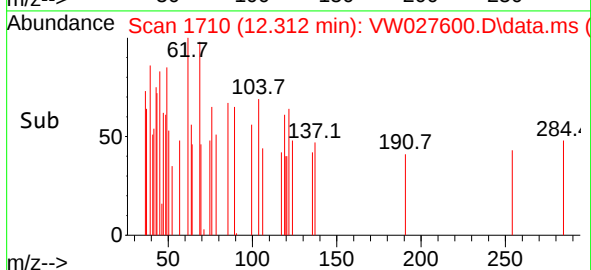
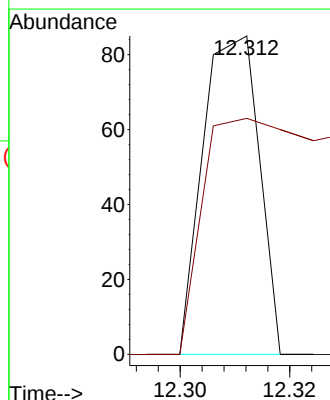
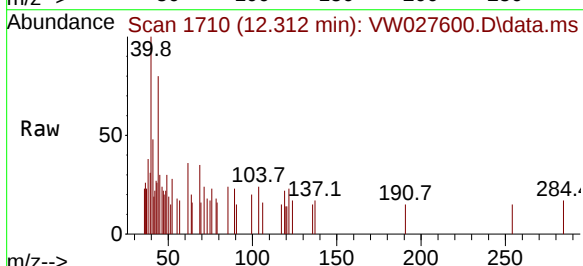
Acq: 13 Dec 2023 17:27

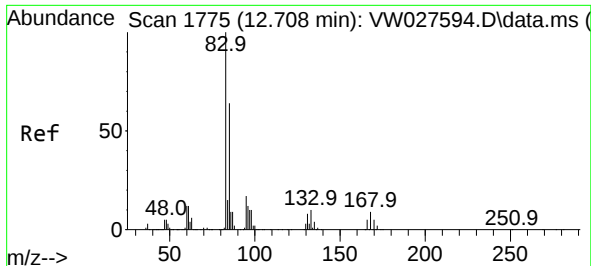
Tgt Ion:104 Resp: 60

Ion Ratio Lower Upper

104 100

78 74.1 33.9 62.9#





#57

1,1,2,2-Tetrachloroethane

Concen: 123.983 ug/L

RT: 12.684 min Scan# 11

Delta R.T. -0.024 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

Instrument :

MSVOA_W

ClientSampleId :

E0LQ8MSD

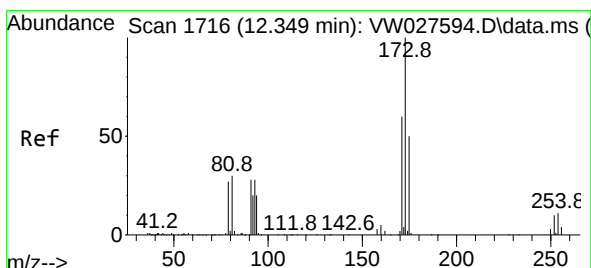
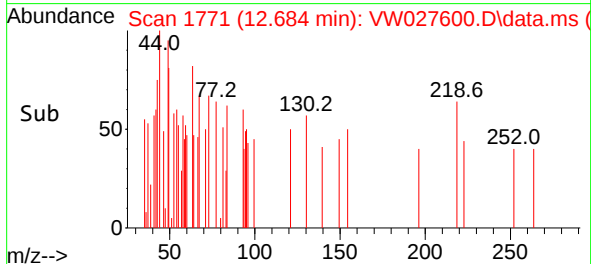
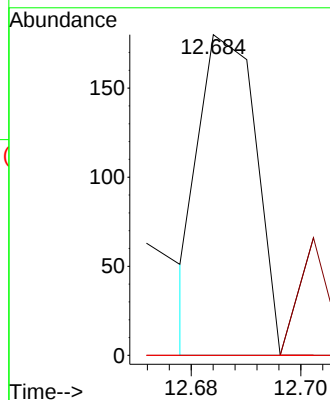
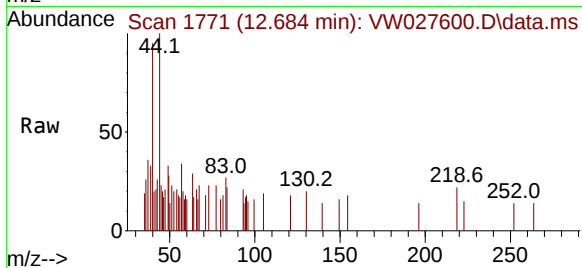
Tgt Ion: 83 Resp: 127

Ion Ratio Lower Upper

83 100

85 0.0 41.9 77.7#

131 0.0 7.0 10.6#



#59

Bromoform

Concen: 64.400 ug/L

RT: 12.123 min Scan# 1679

Delta R.T. -0.226 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

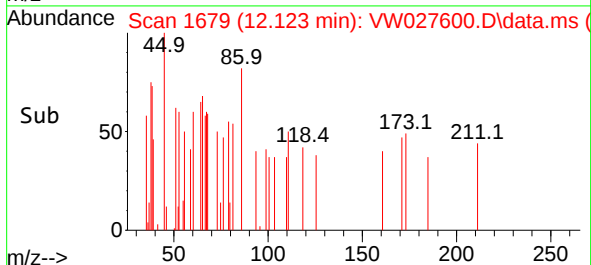
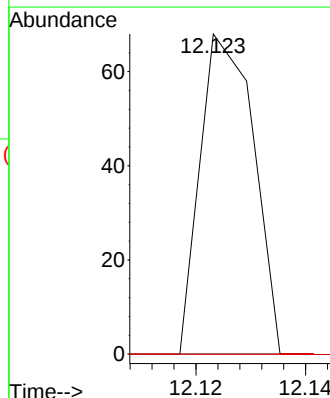
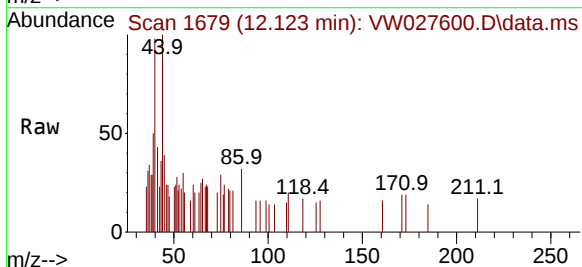
Tgt Ion:173 Resp: 46

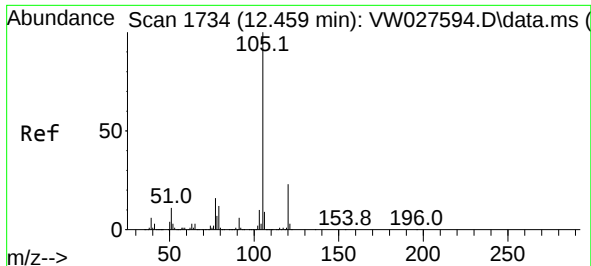
Ion Ratio Lower Upper

173 100

175 0.0 39.4 59.0#

254 82.6 7.8 11.8#

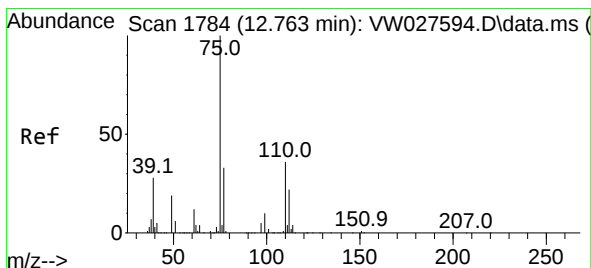
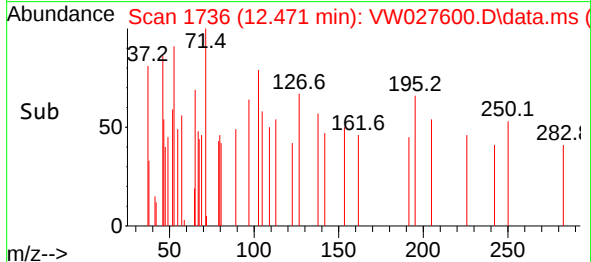
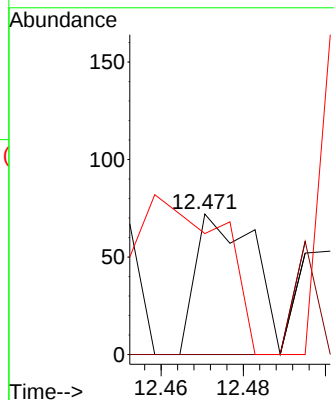
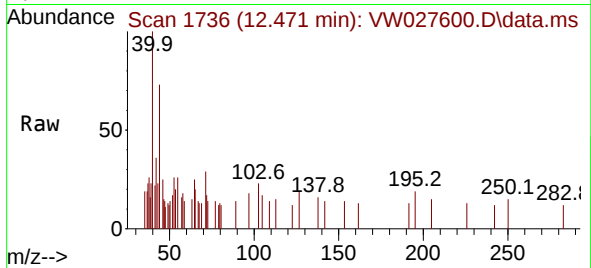




#60
Isopropylbenzene
Concen: 8.432 ug/L
RT: 12.471 min Scan# 1734
Delta R.T. 0.012 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

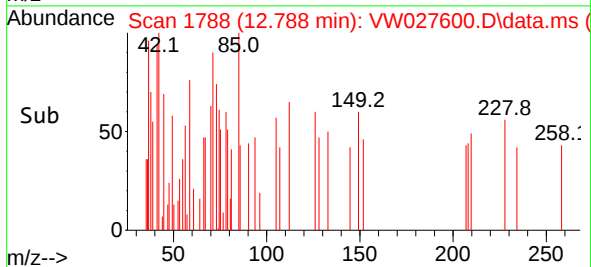
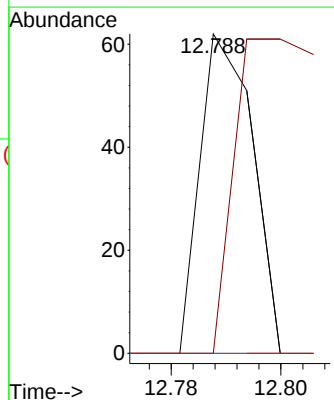
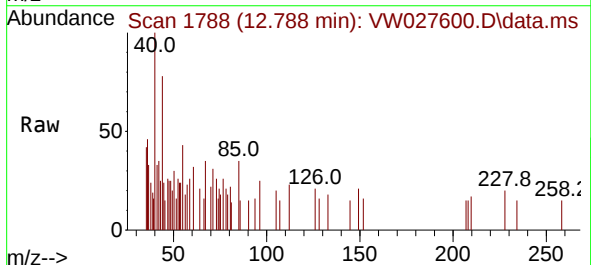
Instrument :
MSVOA_W
ClientSampleId :
E0LQ8MSD

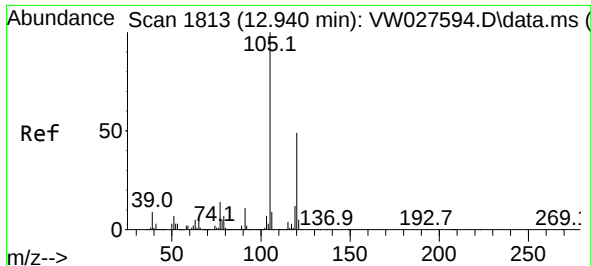
Tgt Ion:105 Resp: 71
Ion Ratio Lower Upper
105 100
120 0.0 20.3 30.5#
77 167.6 13.1 19.7#



#61
1,2,3-Trichloropropane
Concen: 33.331 ug/L
RT: 12.788 min Scan# 1788
Delta R.T. 0.018 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

Tgt Ion: 75 Resp: 41
Ion Ratio Lower Upper
75 100
77 161.0 26.6 39.8#
110 0.0 30.2 45.4#





#62

1,3,5-Trimethylbenzene

Concen: 7.225 ug/L

RT: 13.184 min Scan# 1813

Delta R.T. 0.244 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

Instrument :

MSVOA_W

ClientSampleId :

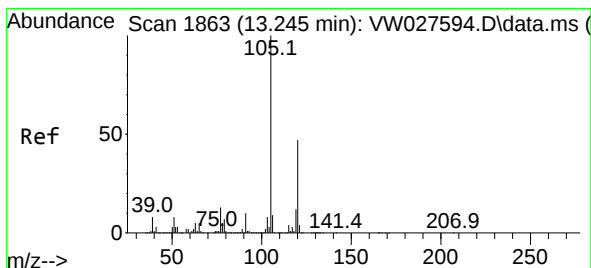
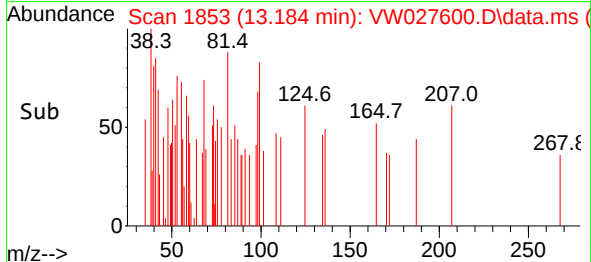
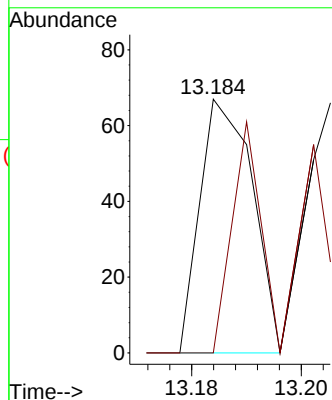
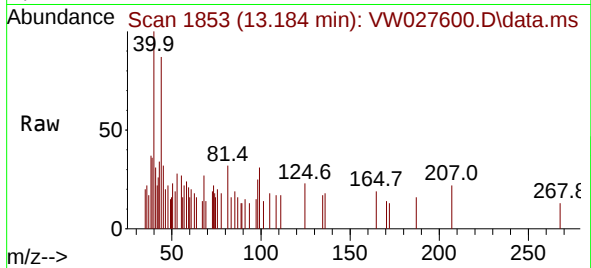
E0LQ8MSD

Tgt Ion:105 Resp: 45

Ion Ratio Lower Upper

105 100

120 48.9 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 7.255 ug/L

RT: 13.184 min Scan# 1853

Delta R.T. -0.061 min

Lab File: VW027600.D

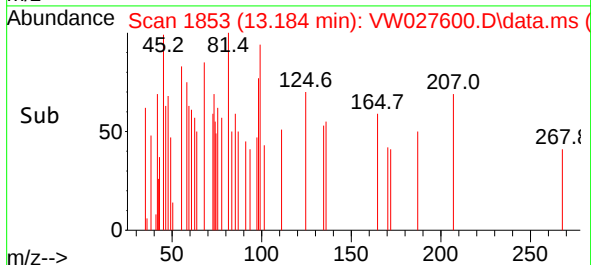
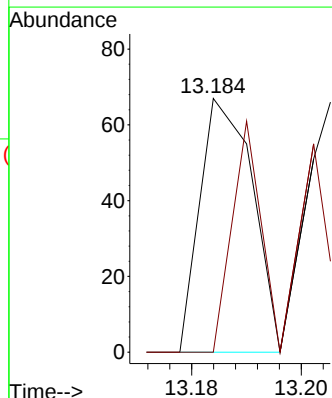
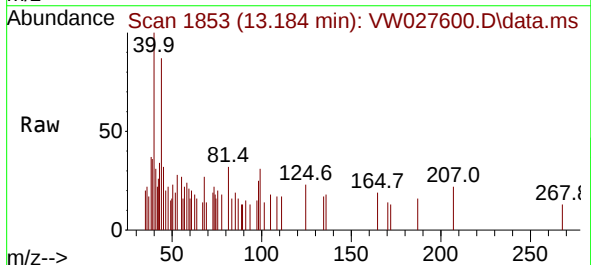
Acq: 13 Dec 2023 17:27

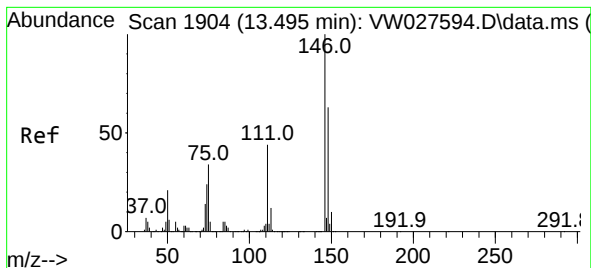
Tgt Ion:105 Resp: 45

Ion Ratio Lower Upper

105 100

120 48.9 36.9 55.3





#64

1,3-Dichlorobenzene

Concen: 7.441 ug/L

RT: 13.489 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

Instrument :

MSVOA_W

ClientSampleId :

E0LQ8MSD

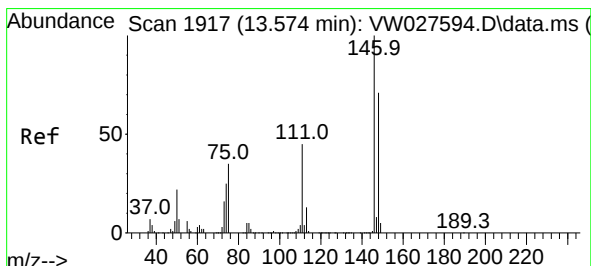
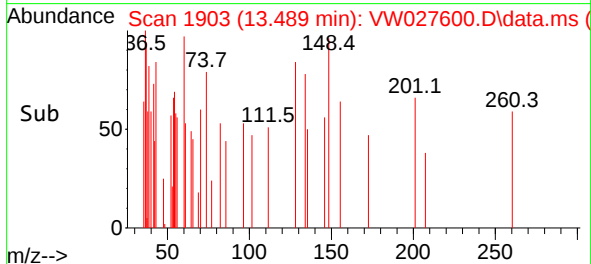
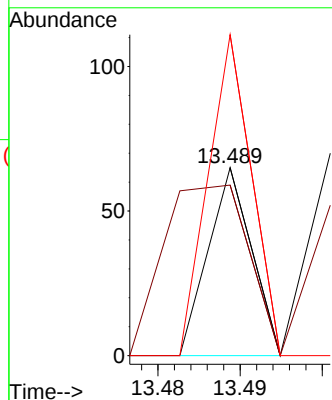
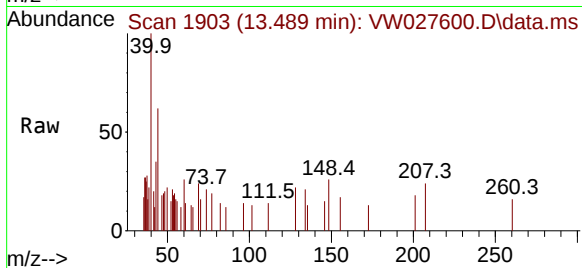
Tgt Ion:146 Resp: 24

Ion Ratio Lower Upper

146 100

111 90.8 29.5 54.7#

148 170.8 42.8 79.6#



#65

1,4-Dichlorobenzene

Concen: 8.082 ug/L

RT: 13.501 min Scan# 1905

Delta R.T. -0.073 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

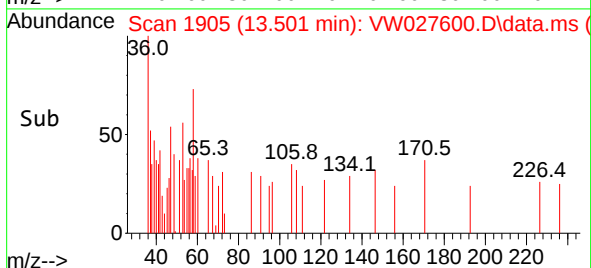
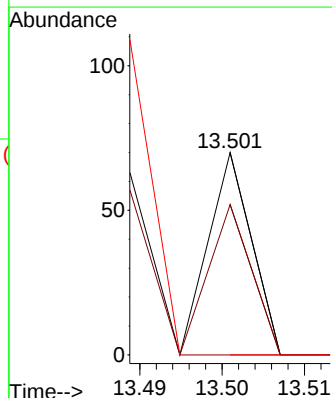
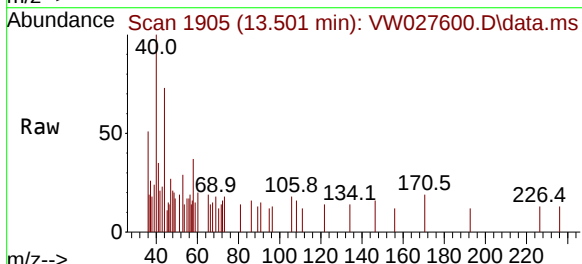
Tgt Ion:146 Resp: 26

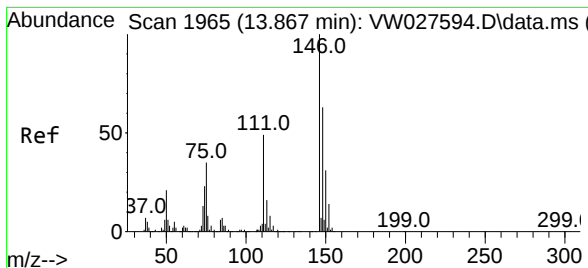
Ion Ratio Lower Upper

146 100

111 74.3 28.9 53.7#

148 0.0 44.9 83.5#





#67

1,2-Dichlorobenzene

Concen: 17.207 ug/L

RT: 13.684 min Scan# 1965

Delta R.T. -0.183 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

Instrument :

MSVOA_W

ClientSampleId :

E0LQ8MSD

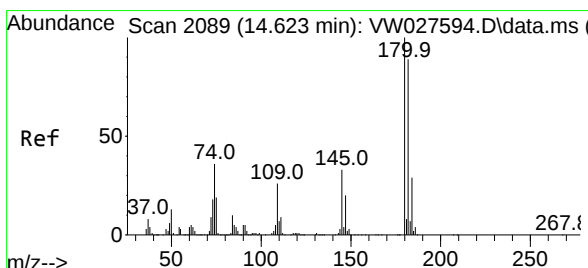
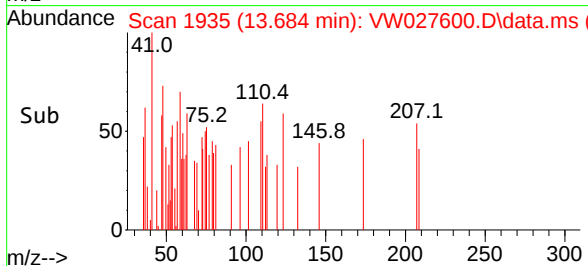
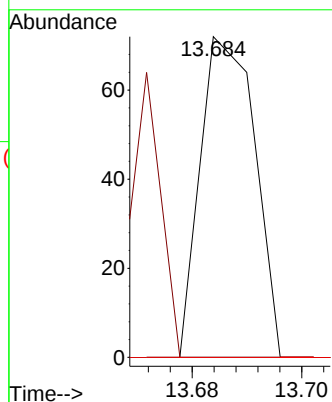
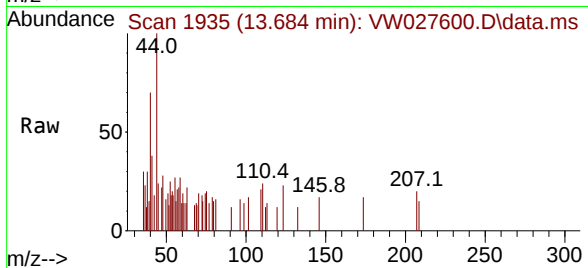
Tgt Ion:146 Resp: 50

Ion Ratio Lower Upper

146 100

111 0.0 33.9 50.9#

148 0.0 49.5 74.3#



#69

1,3,5-Trichlorobenzene

Concen: 17.981 ug/L

RT: 14.592 min Scan# 2084

Delta R.T. -0.030 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

Tgt Ion:180 Resp: 39

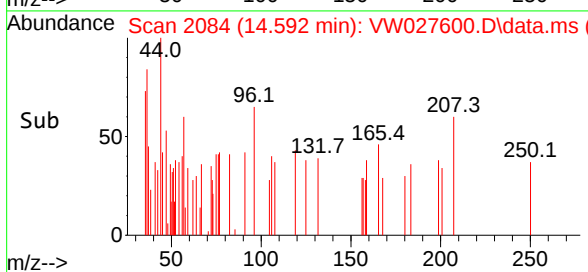
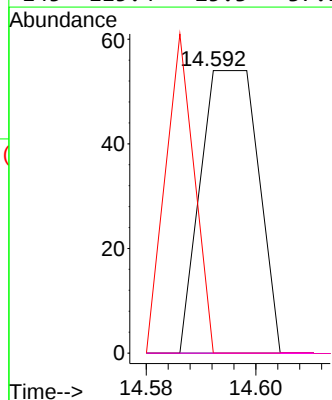
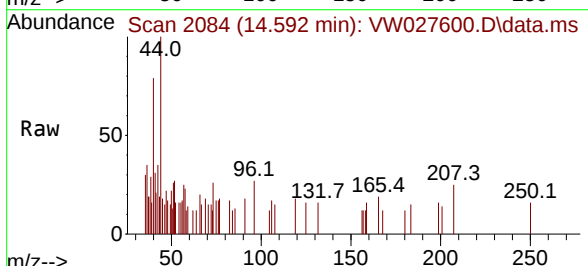
Ion Ratio Lower Upper

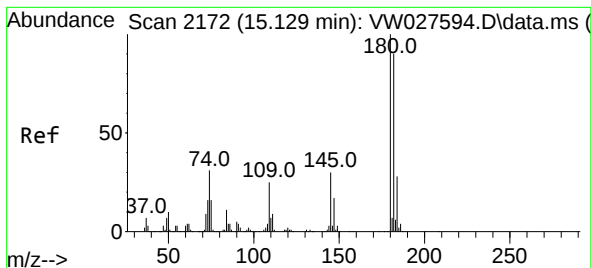
180 100

182 125.6 73.2 109.8#

184 0.0 25.4 38.2#

145 115.4 25.3 37.9#





#70

1,2,4-trichlorobenzene

Concen: 37.999 ug/L

RT: 15.226 min Scan# 21

Delta R.T. 0.098 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

Instrument :

MSVOA_W

ClientSampleId :

E0LQ8MSD

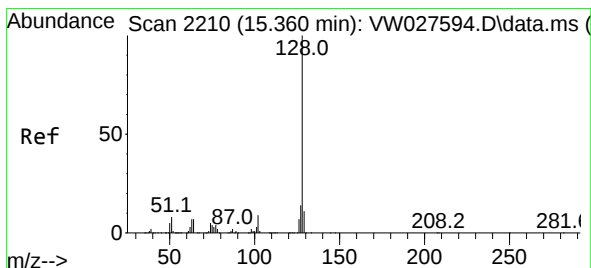
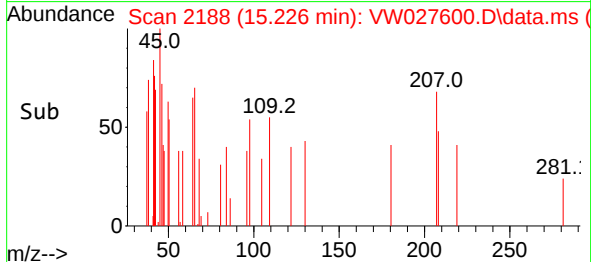
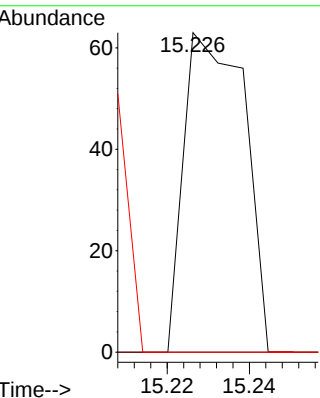
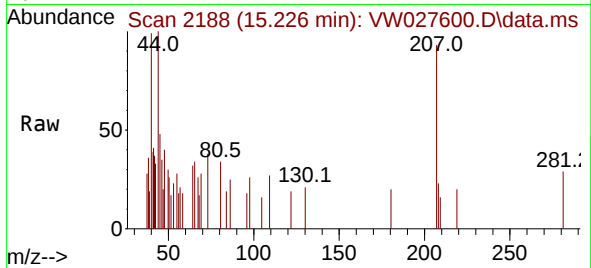
Tgt Ion:180 Resp: 64

Ion Ratio Lower Upper

180 100

182 0.0 78.7 118.1#

145 35.9 26.8 40.2



#71

Naphthalene

Concen: 25.688 ug/L

RT: 15.056 min Scan# 2160

Delta R.T. -0.305 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

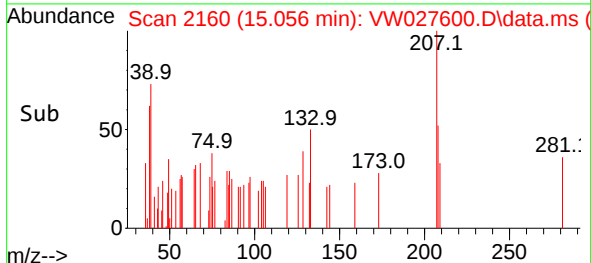
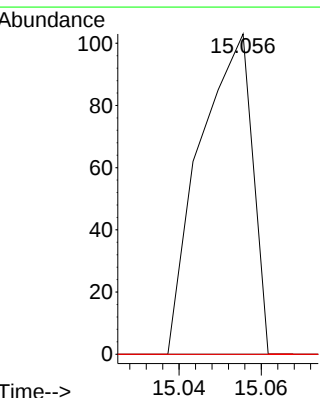
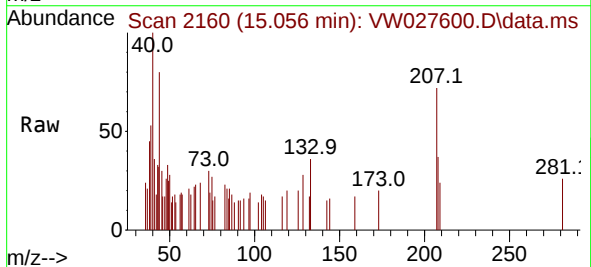
Tgt Ion:128 Resp: 91

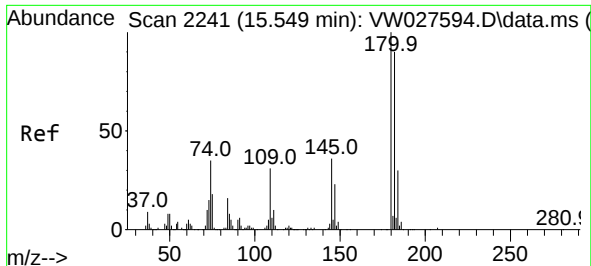
Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

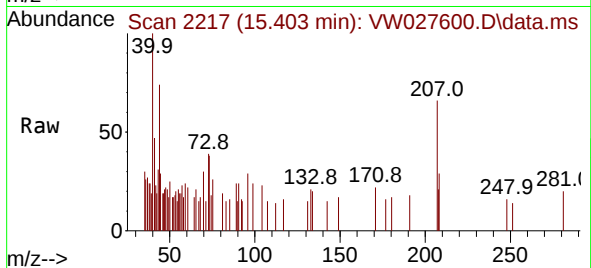
129 0.0 8.6 12.8#





#72
 1,2,3-Trichlorobenzene
 Concen: 28.417 ug/L
 RT: 15.403 min Scan# 21
 Delta R.T. -0.146 min
 Lab File: VW027600.D
 Acq: 13 Dec 2023 17:27

Instrument :
 MSVOA_W
 ClientSampleId :
 E0LQ8MSD



Tgt Ion:180 Resp: 41
 Ion Ratio Lower Upper
 180 100
 182 0.0 72.4 108.6#
 145 97.6 27.4 41.0#

