

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 :

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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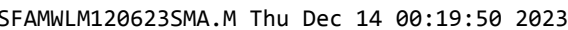
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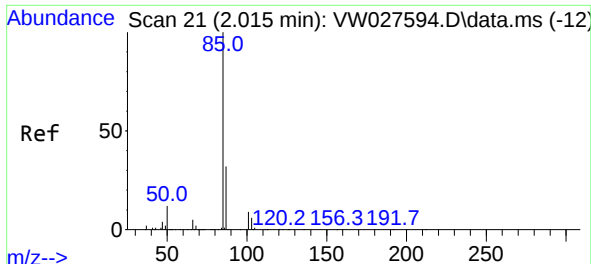
Quant Time: Dec 14 00:19:45 2023
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 Quant Title : SFAM01.0
 QLast Update : Wed Dec 13 04:25:58 2023
 Response via : Initial Calibration

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

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

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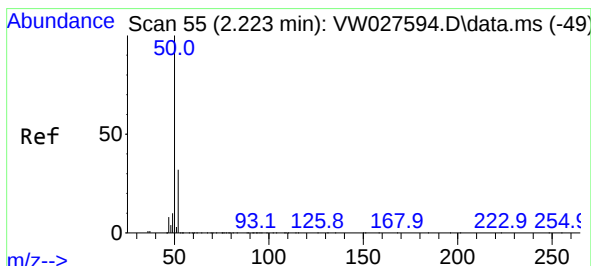
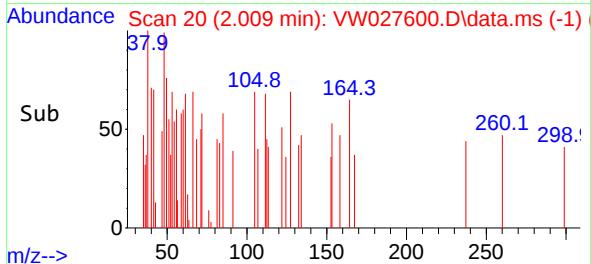
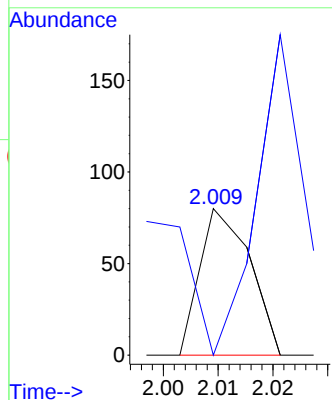
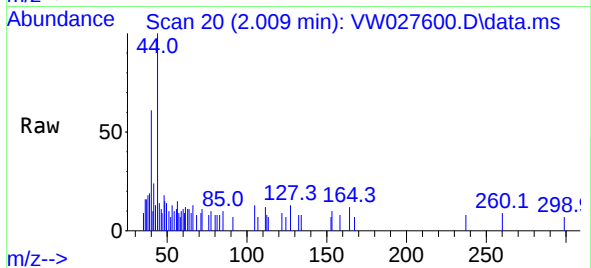




#2
Dichlorodifluoromethane
Concen: 56.014 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.012 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

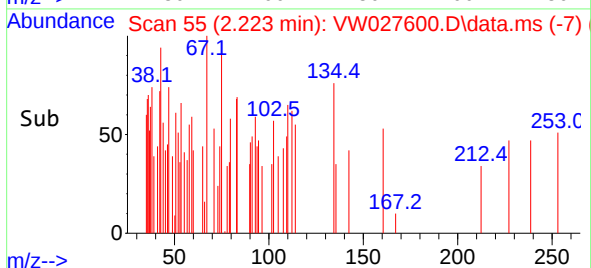
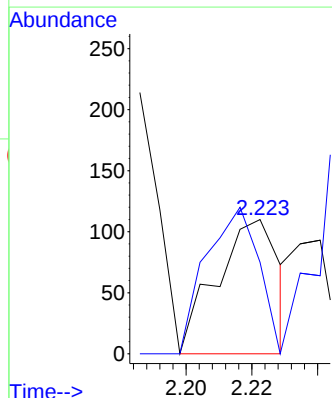
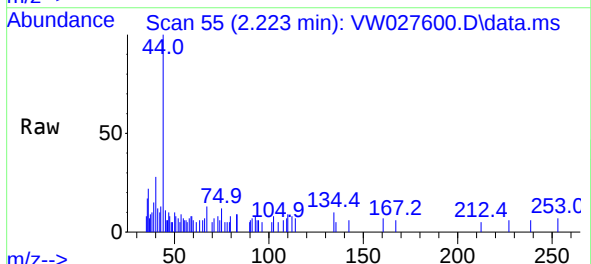
Instrument :
MSVOA_W
ClientSampleId :

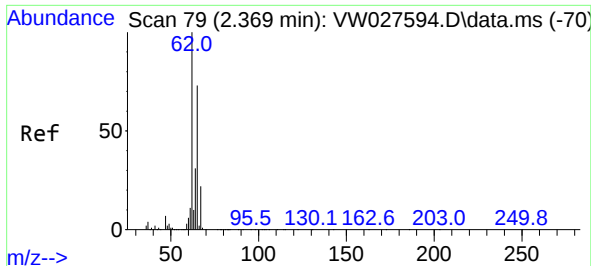
Tgt Ion: 85 Resp: 51
Ion Ratio Lower Upper
85 100
87 202.0 24.0 36.0#



#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

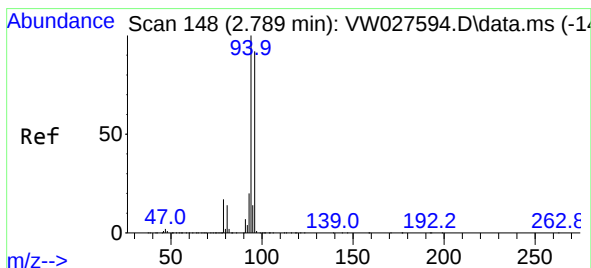
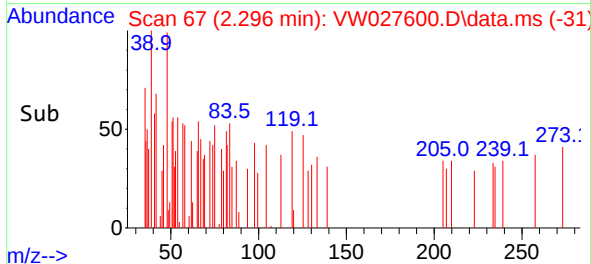
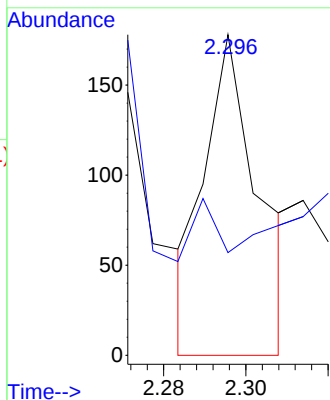
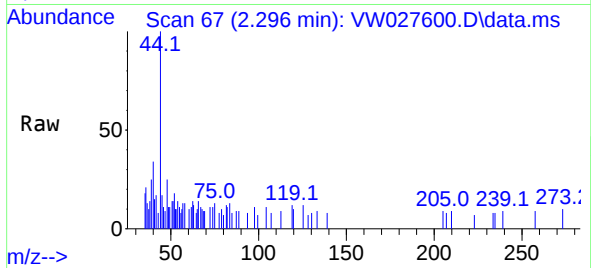




#5
 Vinyl chloride
 Concen: 124.544 ug/L
 RT: 2.296 min Scan# 61
 Delta R.T. -0.079 min
 Lab File: VW027600.D
 Acq: 13 Dec 2023 17:27

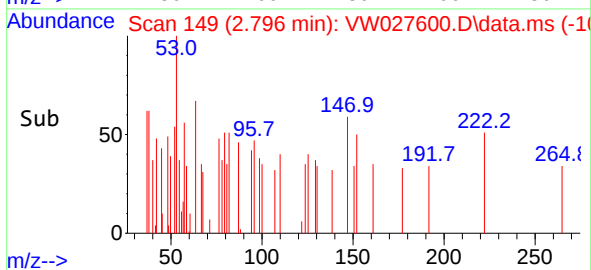
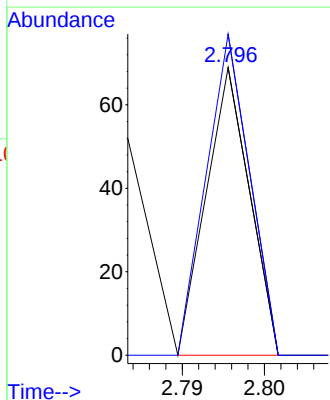
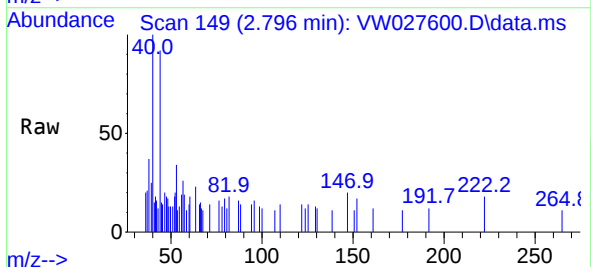
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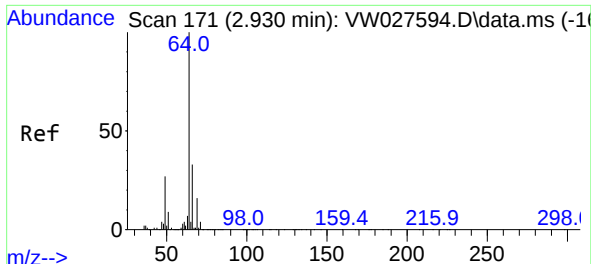
Tgt Ion: 62 Resp: 162
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.2 41.2



#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

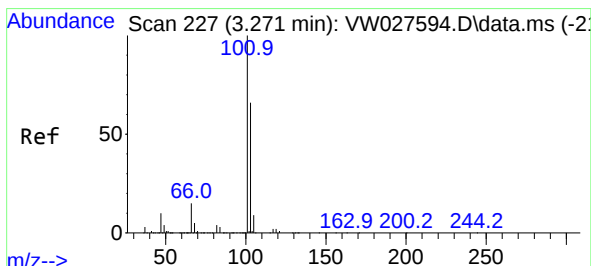
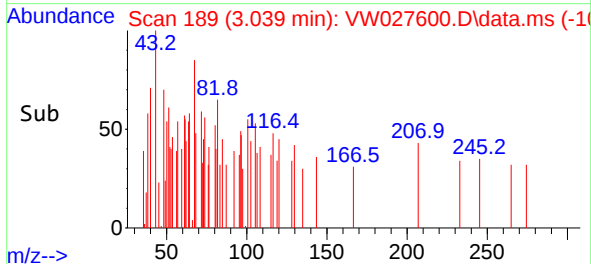
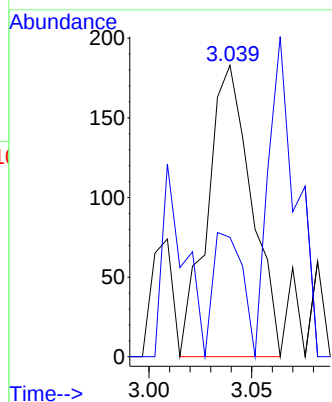
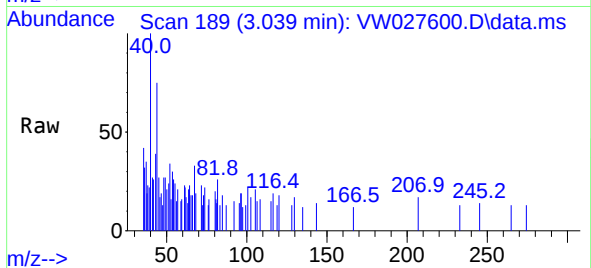




#8
Chloroethane
Concen: 367.470 ug/L
RT: 3.039 min Scan# 11
Delta R.T. 0.104 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

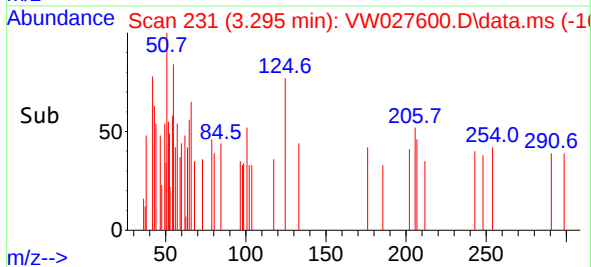
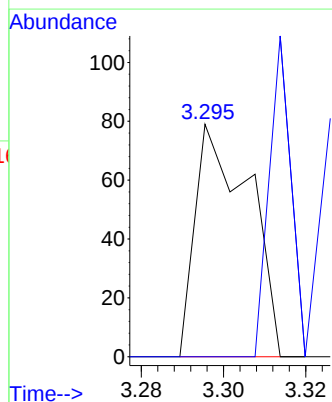
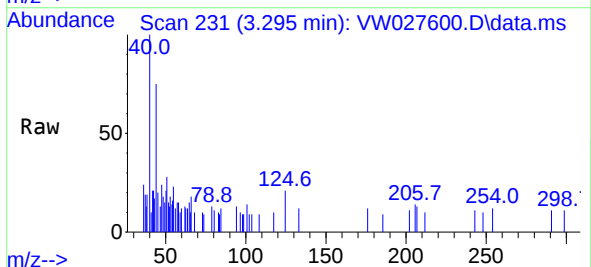
Instrument :
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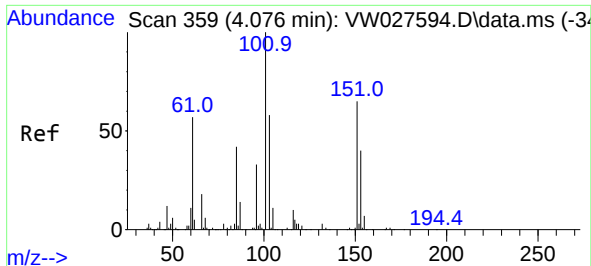
Tgt Ion: 64 Resp: 273
Ion Ratio Lower Upper
64 100
66 41.0 24.1 44.7



#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

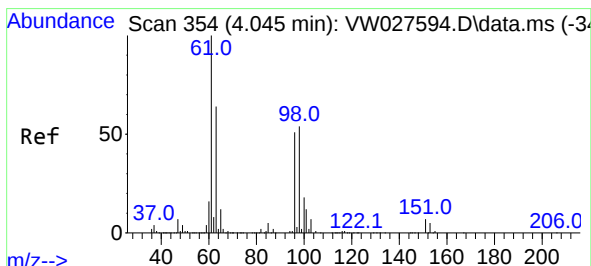
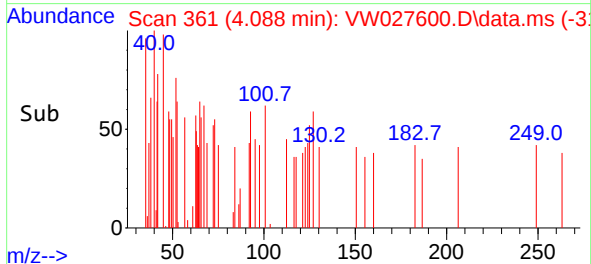
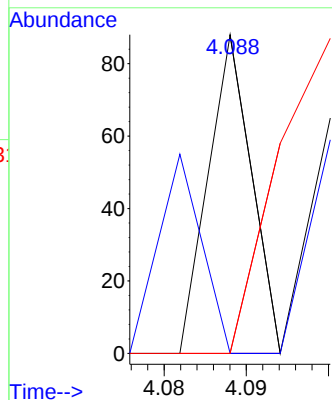
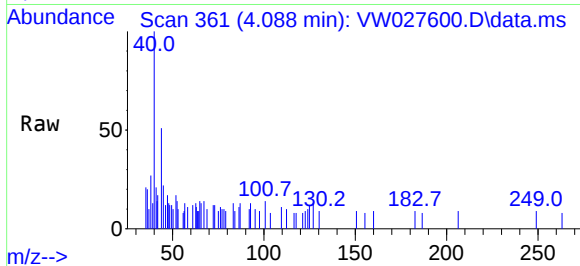




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 30.123 ug/L
RT: 4.088 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

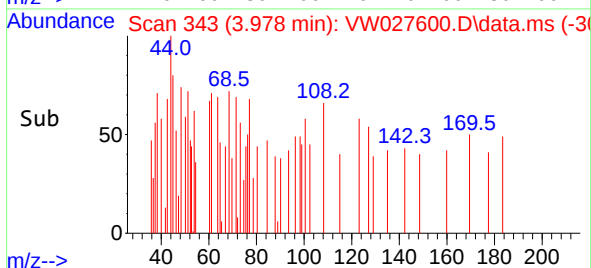
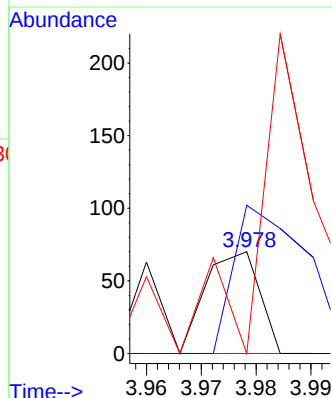
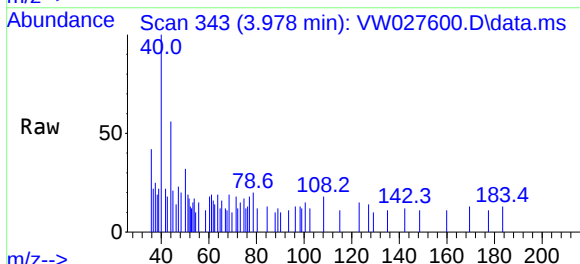
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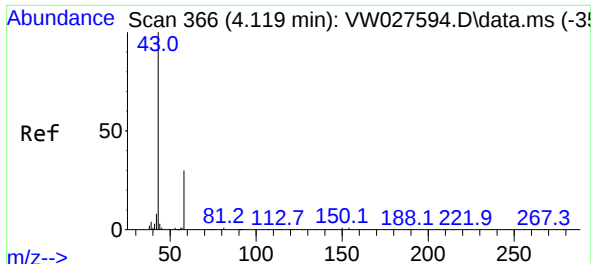
Tgt Ion:101 Resp: 32
Ion Ratio Lower Upper
101 100
85 0.0 33.9 50.9#
151 0.0 54.6 81.8#



#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
Acq: 13 Dec 2023 17:27

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

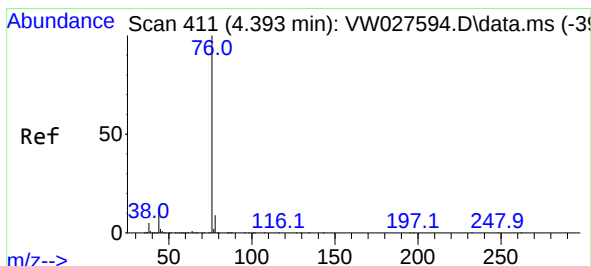
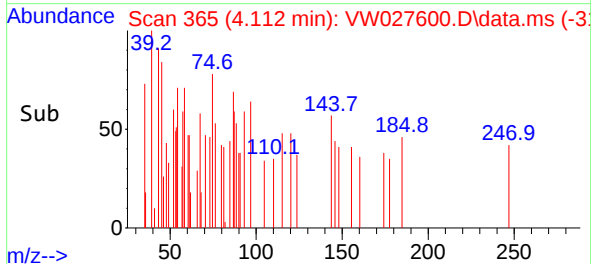
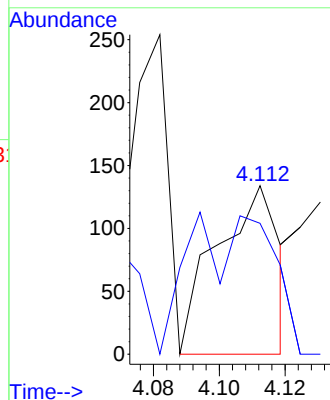
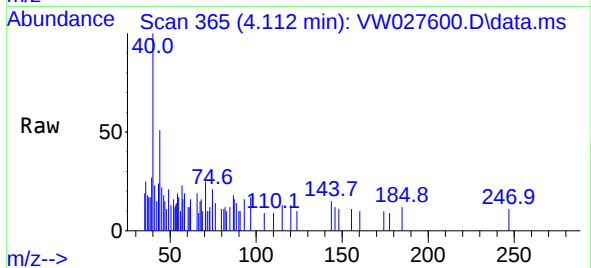




#13
Acetone
Concen: 512.048 ug/L
RT: 4.112 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

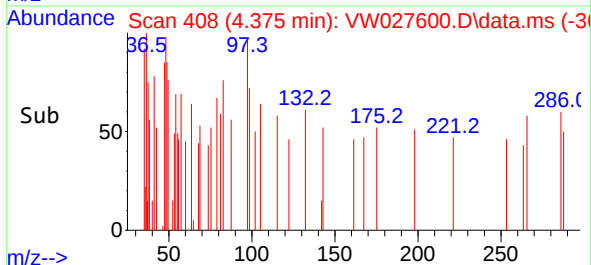
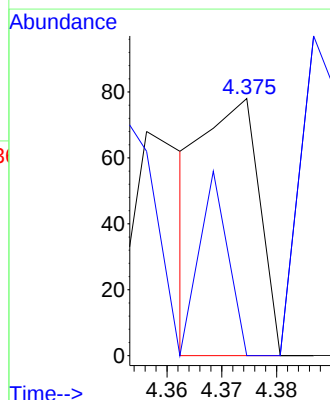
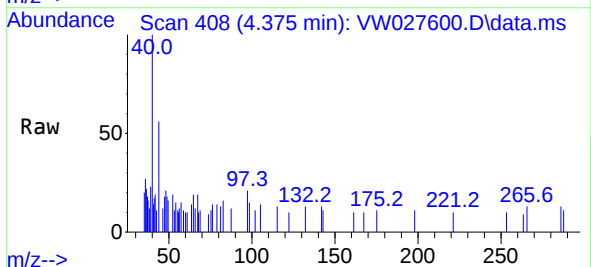
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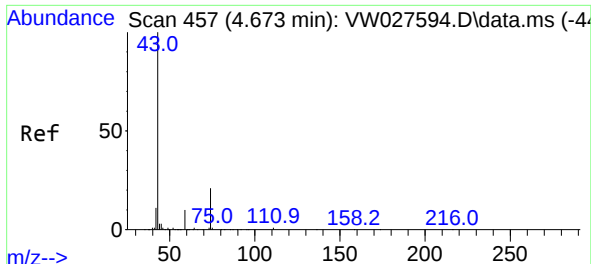
Tgt Ion: 43 Resp: 177
Ion Ratio Lower Upper
43 100
58 58.8 0.0 60.0



#14
Carbon disulfide
Concen: 18.423 ug/L
RT: 4.375 min Scan# 408
Delta R.T. -0.018 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

Tgt Ion: 76 Resp: 54
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

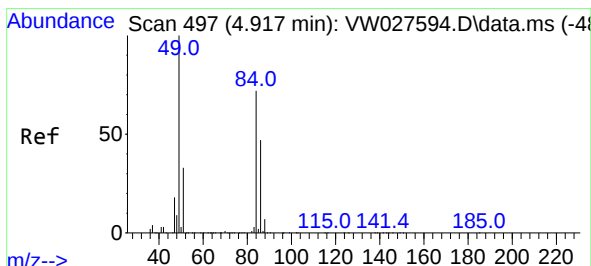
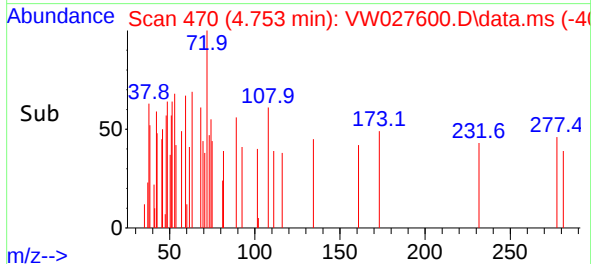
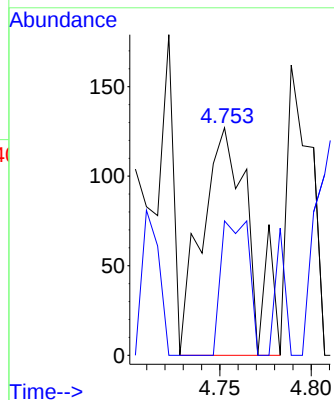
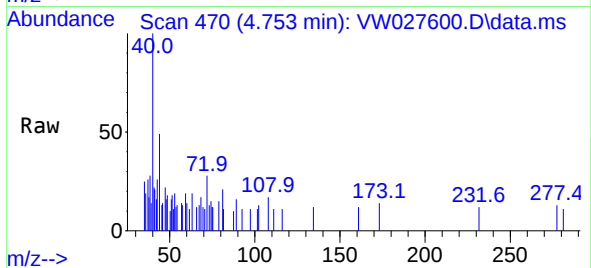




#15
Methyl Acetate
Concen: 380.713 ug/L
RT: 4.753 min Scan# 41
Delta R.T. 0.079 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

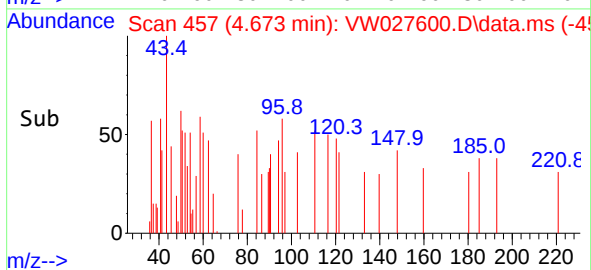
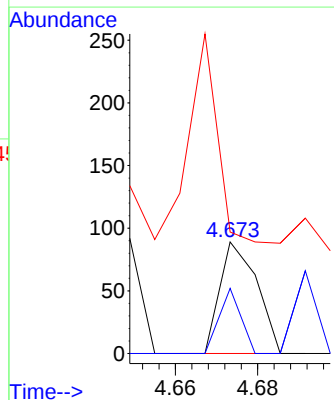
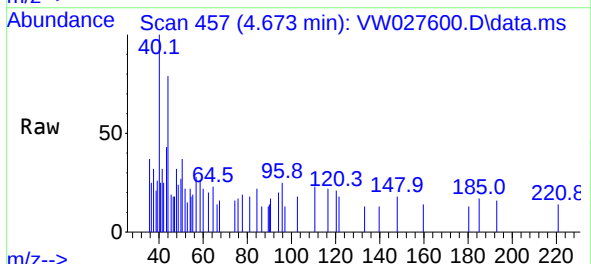
Instrument :
MSVOA_W
ClientSampleId :

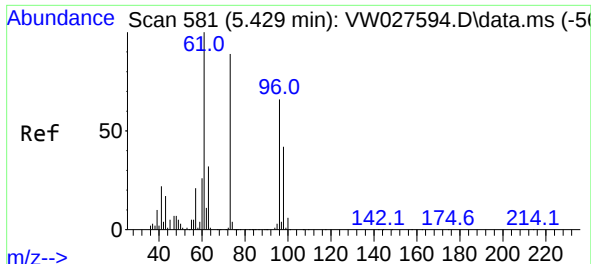
Tgt Ion: 43 Resp: 230
Ion Ratio Lower Upper
43 100
74 22.6 16.8 25.2



#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

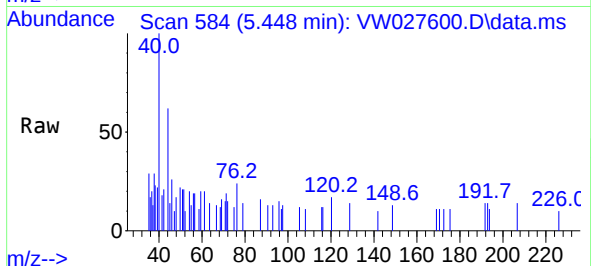
Tgt Ion: 84 Resp: 56
Ion Ratio Lower Upper
84 100
86 58.4 47.7 88.7
49 109.0 97.4 181.0



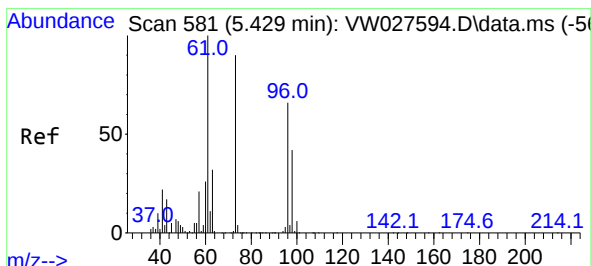
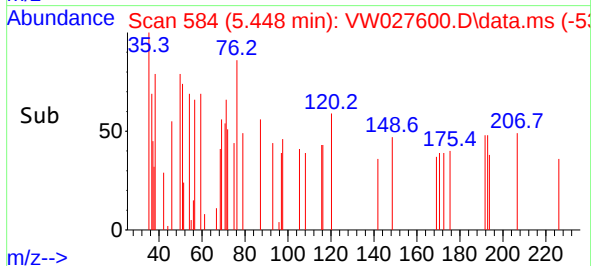
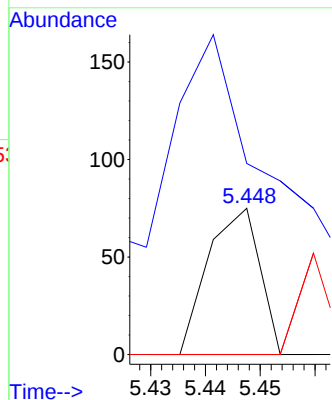


#17
trans-1,2-Dichloroethene
Concen: 48.995 ug/L
RT: 5.448 min Scan# 511
Delta R.T. 0.012 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

Instrument :
MSVOA_W
ClientSampleId :

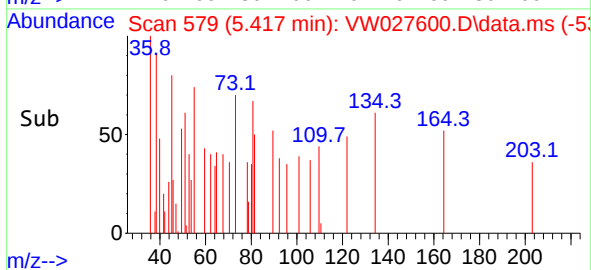
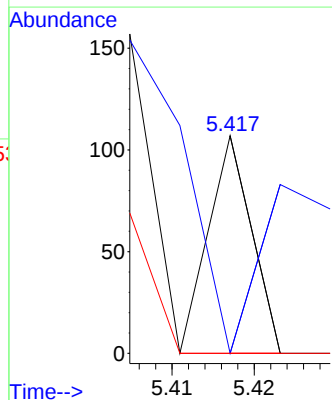
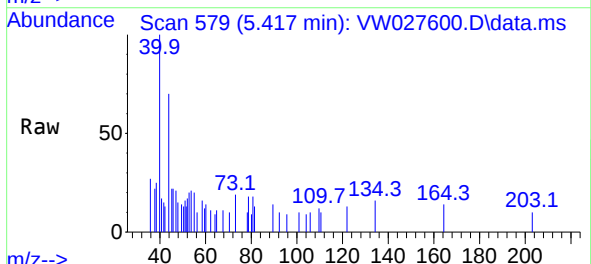


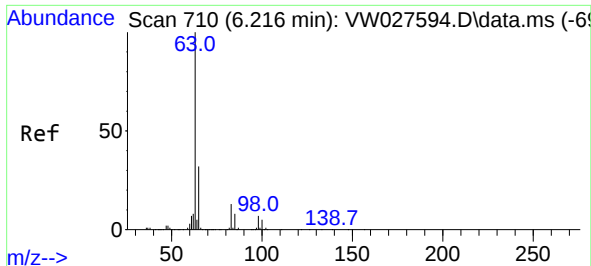
Tgt Ion: 96 Resp: 49
Ion Ratio Lower Upper
96 100
61 130.7 109.6 203.6
98 0.0 41.9 77.7#



#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

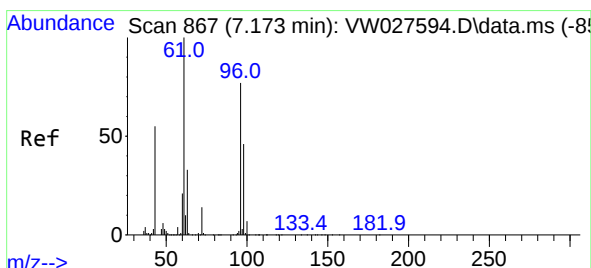
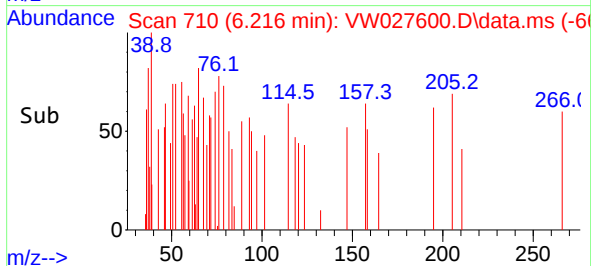
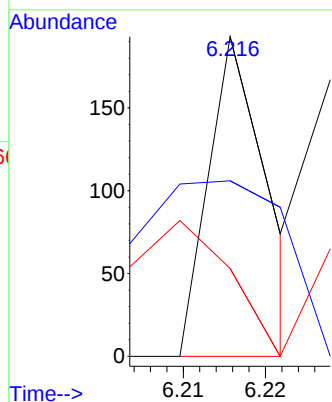
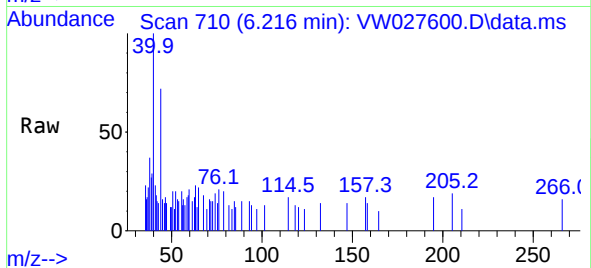
Acq: 13 Dec 2023 17:27

Instrument :

MSVOA_W

ClientSampleId :

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

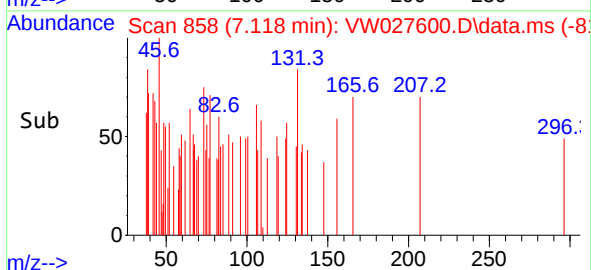
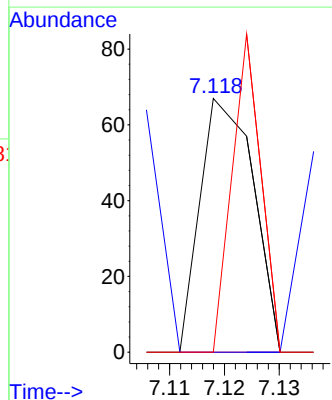
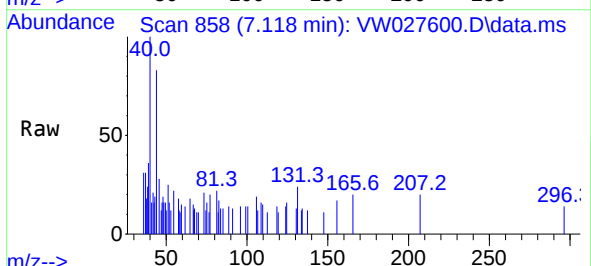
RT: 7.118 min Scan# 858

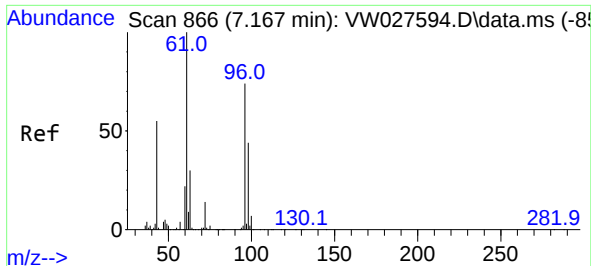
Delta R.T. -0.055 min

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#

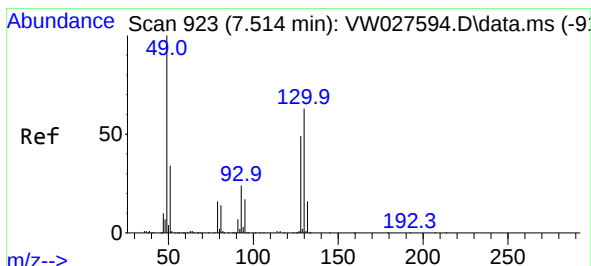
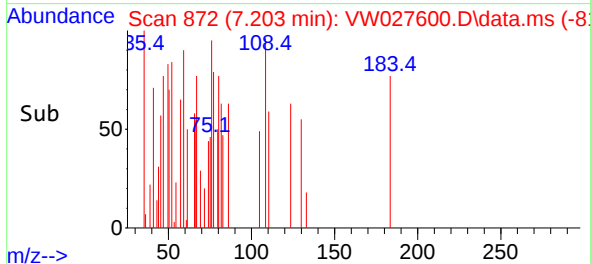
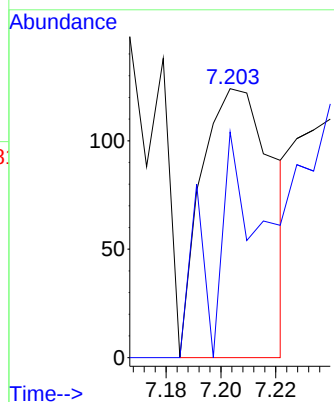
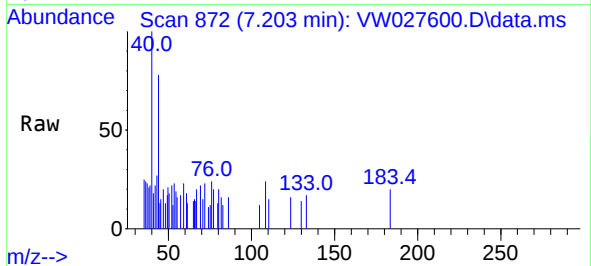




#22
2-Butanone
Concen: 504.541 ug/L
RT: 7.203 min Scan# 81
Delta R.T. 0.031 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

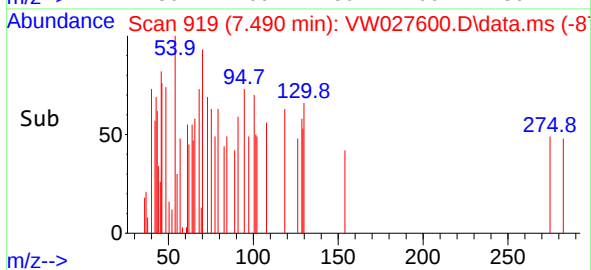
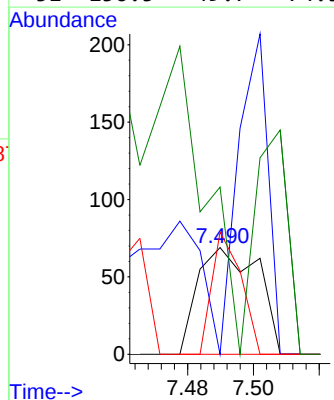
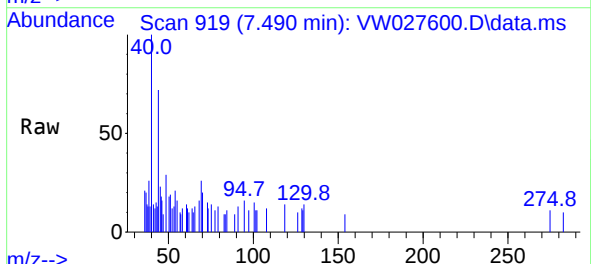
Instrument :
MSVOA_W
ClientSampleId :

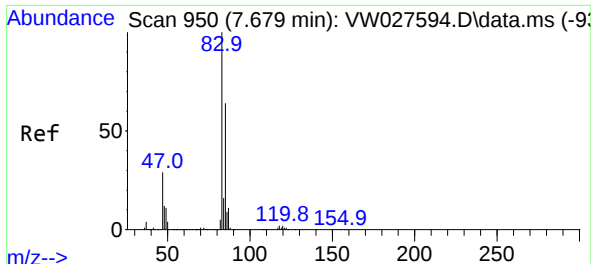
Tgt Ion: 43 Resp: 225
Ion Ratio Lower Upper
43 100
72 25.8 11.9 35.9



#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# 91

Delta R.T. 0.226 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

Instrument :

MSVOA_W

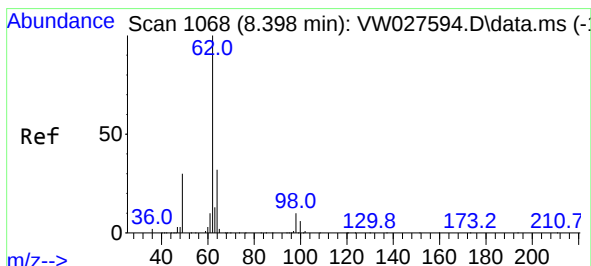
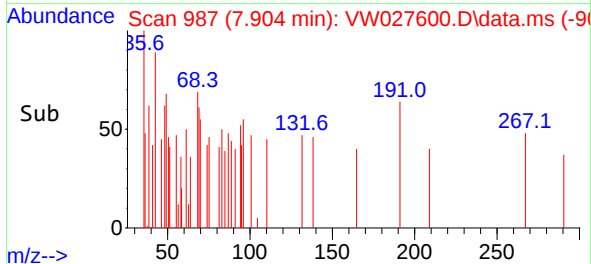
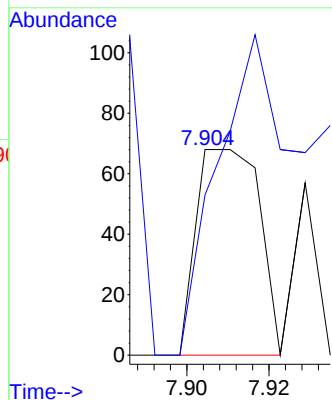
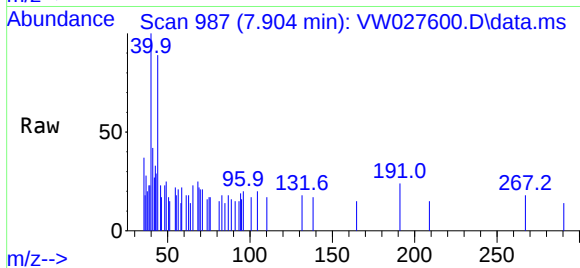
ClientSampleId :

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

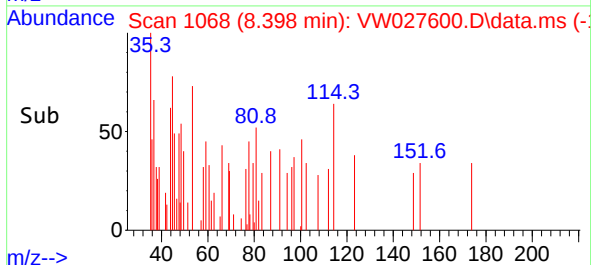
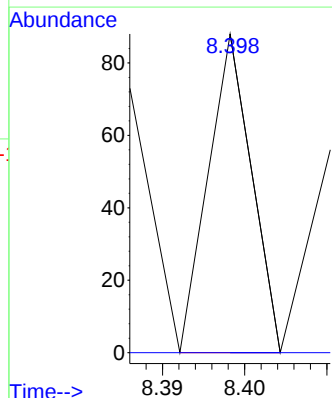
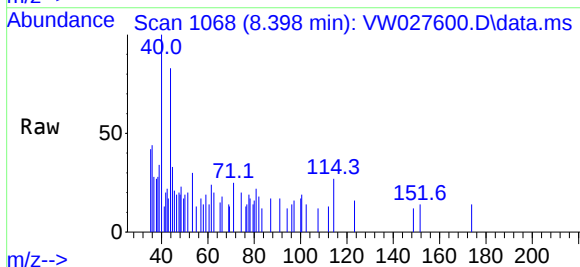
Acq: 13 Dec 2023 17:27

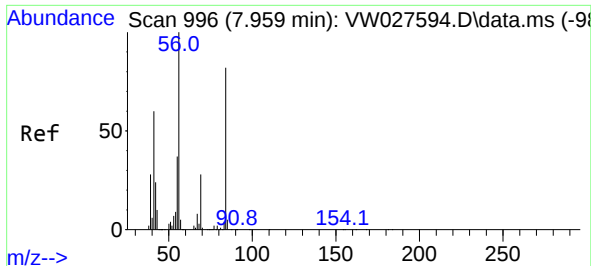
Tgt Ion: 62 Resp: 32

Ion Ratio Lower Upper

62 100

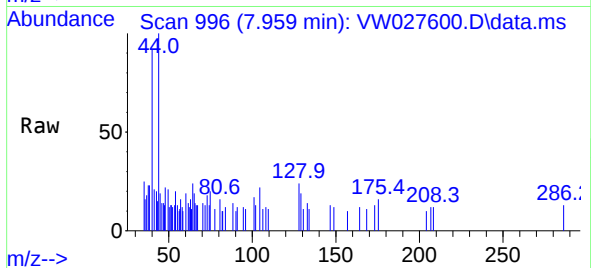
98 0.0 7.4 11.0#



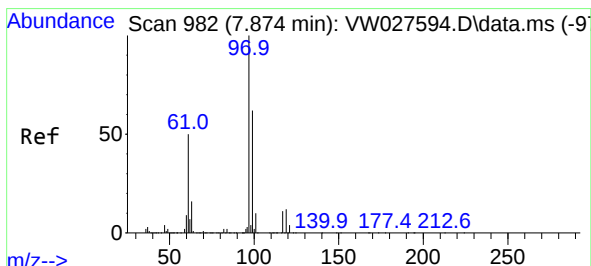
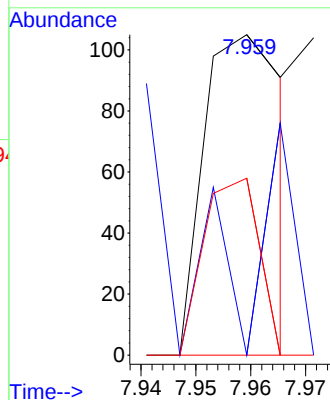
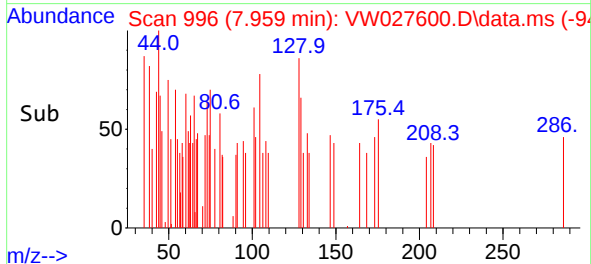


#29
Cyclohexane
Concen: 52.985 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

Instrument :
MSVOA_W
ClientSampleId :

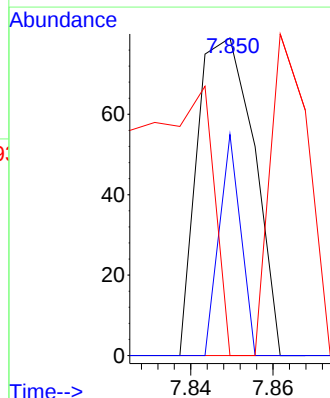
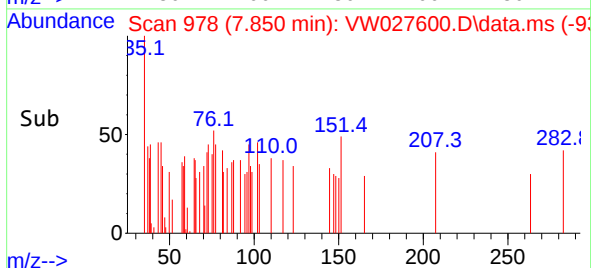
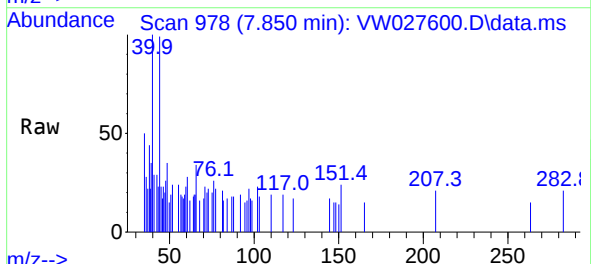


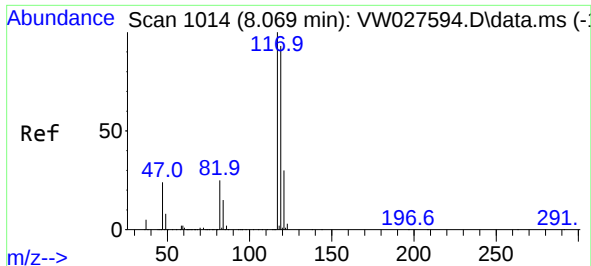
Tgt Ion: 56 Resp: 108
Ion Ratio Lower Upper
56 100
69 25.9 24.1 36.1
84 38.0 65.0 97.4#



#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#

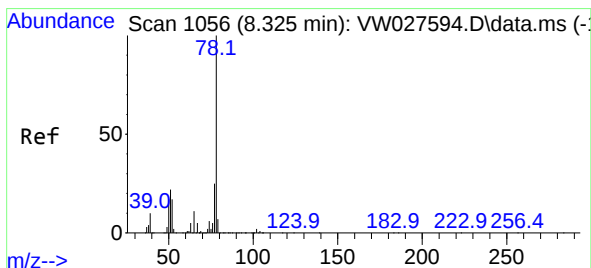
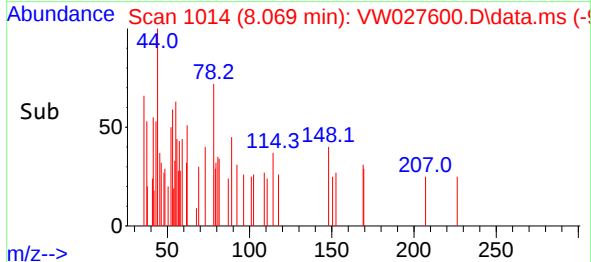
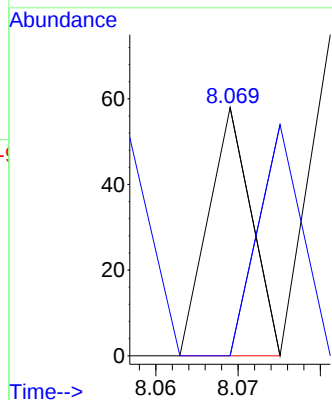
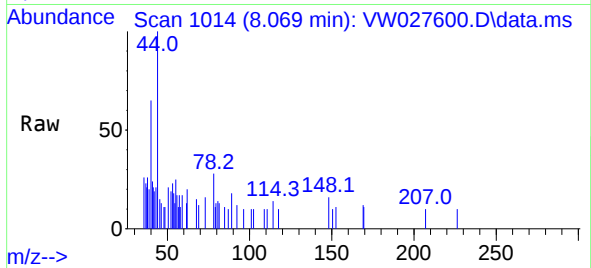




#31
Carbon tetrachloride
Concen: 13.921 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

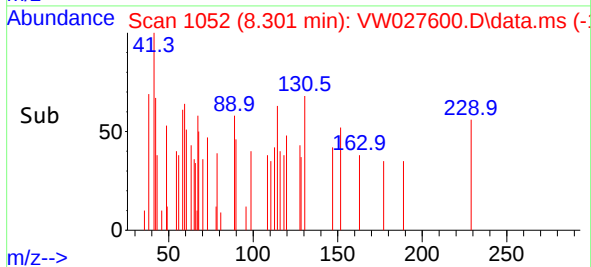
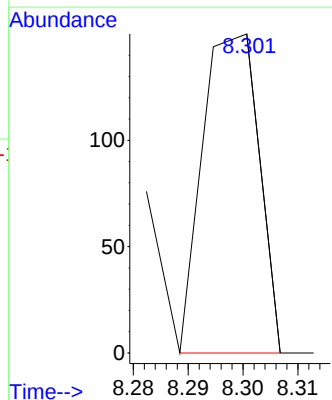
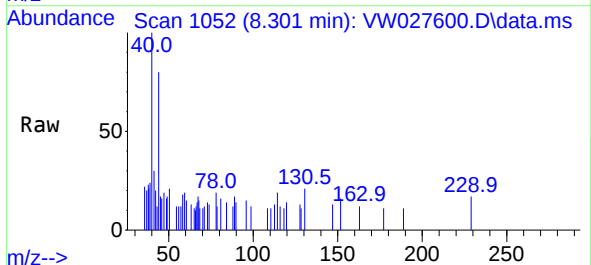
Instrument :
MSVOA_W
ClientSampleId :

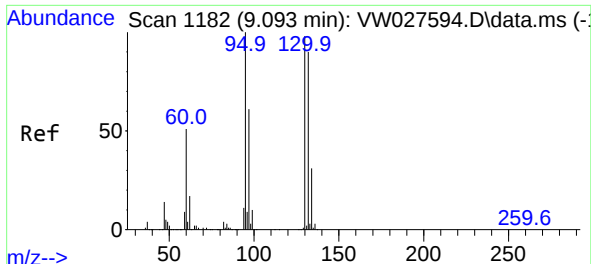
Tgt Ion:117 Resp: 21
Ion Ratio Lower Upper
117 100
119 0.0 77.0 115.6#



#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

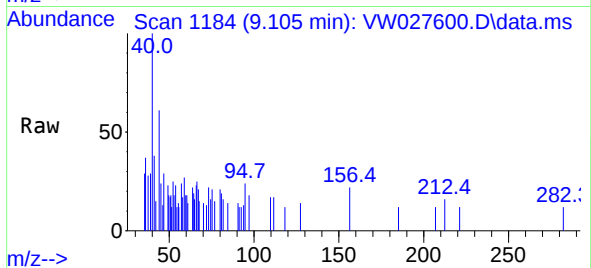
Tgt Ion: 78 Resp: 108



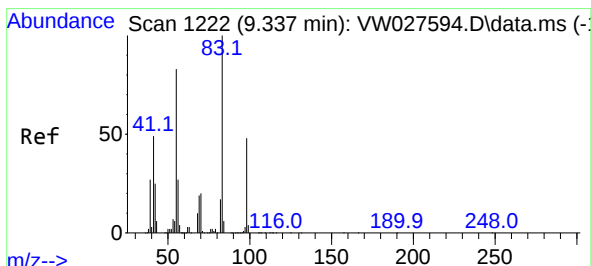
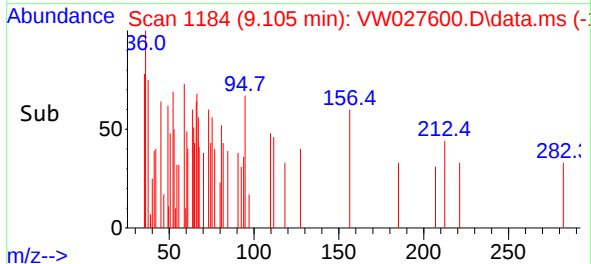
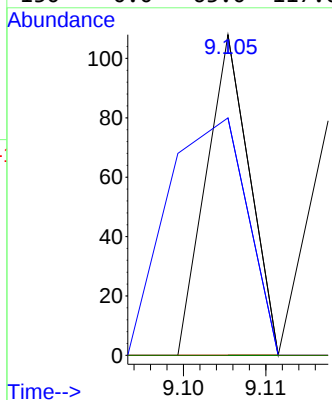


#34
Trichloroethene
Concen: 33.367 ug/L
RT: 9.105 min Scan# 1184
Delta R.T. 0.012 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

Instrument :
MSVOA_W
ClientSampleId :

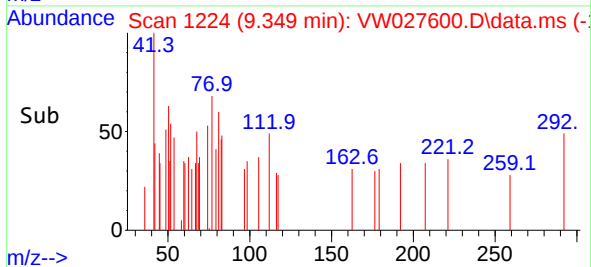
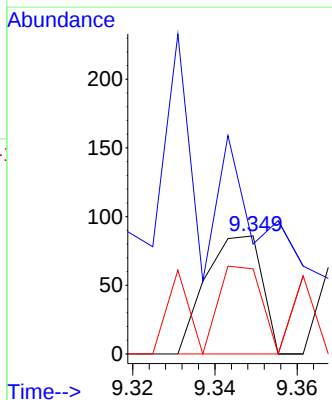
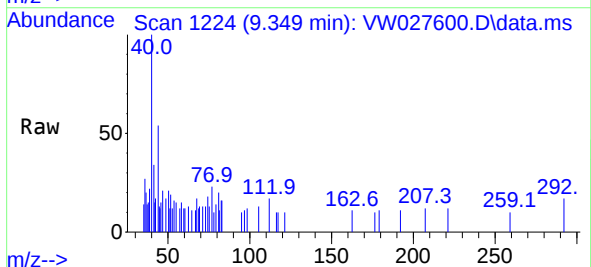


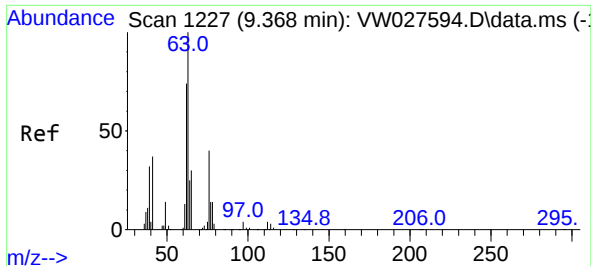
Tgt Ion:	95	Resp:	39
Ion	Ratio	Lower	Upper
95	100		
97	74.1	43.0	80.0
132	0.0	64.1	119.1#
130	0.0	63.0	117.0#



#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

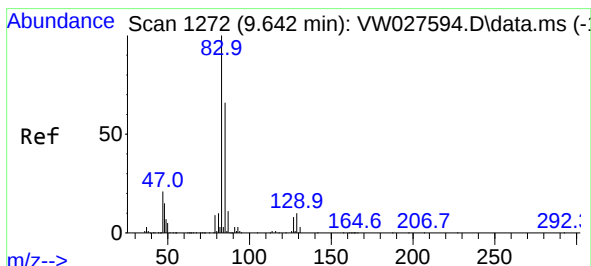
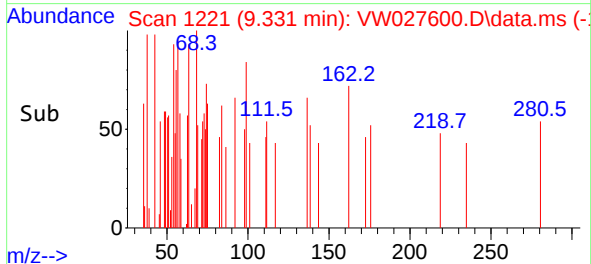
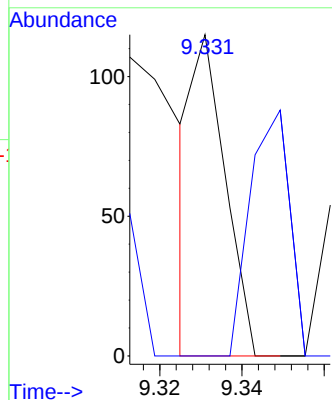
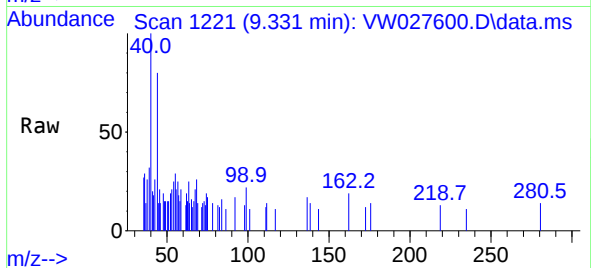
ClientSampleId :

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

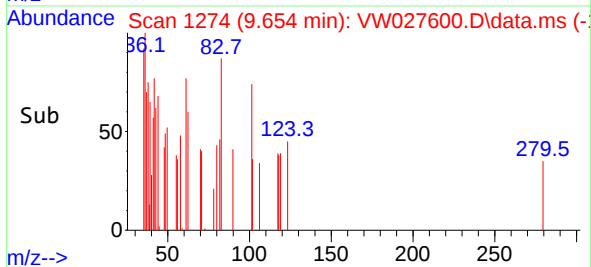
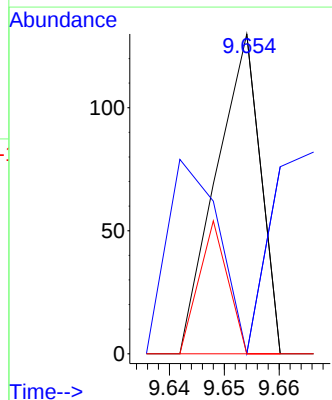
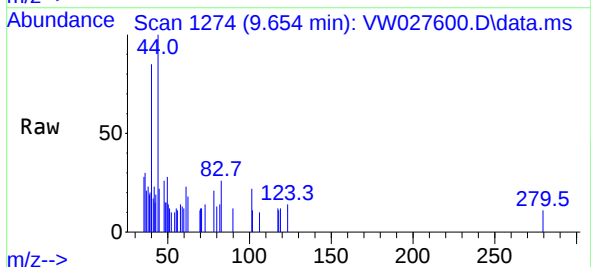
Tgt Ion: 83 Resp: 73

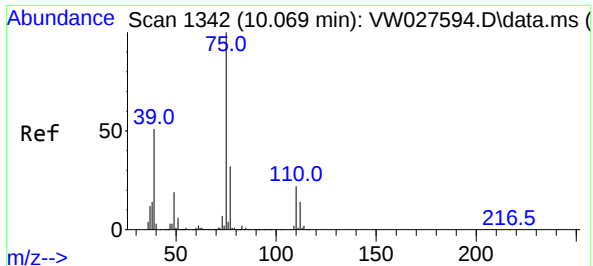
Ion Ratio Lower Upper

83 100

85 0.0 44.3 82.3#

127 0.0 5.3 7.9#

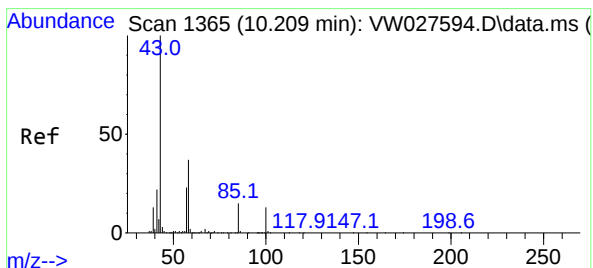
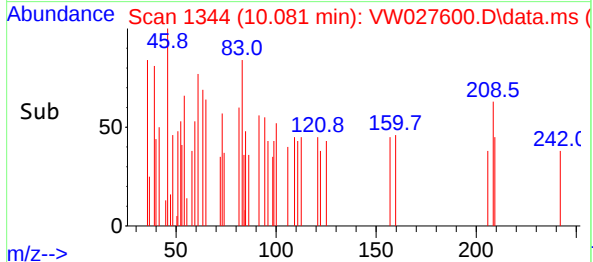
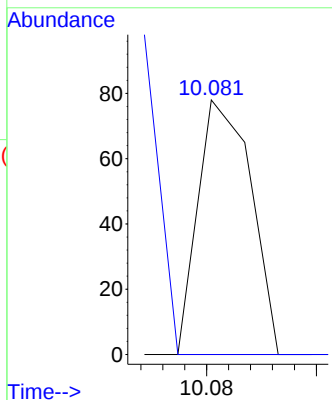
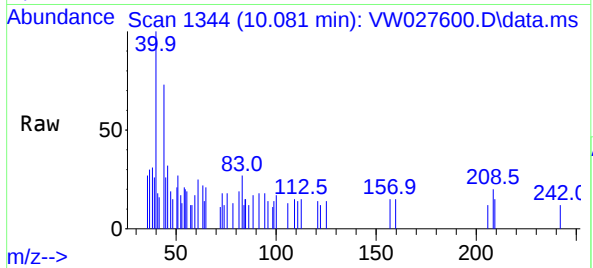




#39
cis-1,3-Dichloropropene
Concen: 31.883 ug/L
RT: 10.081 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

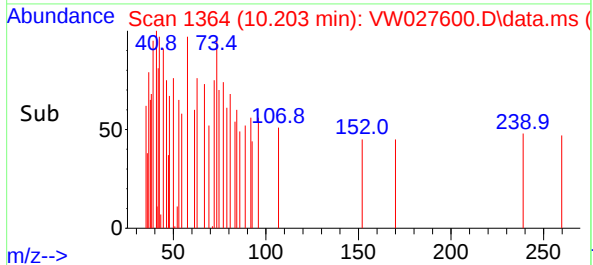
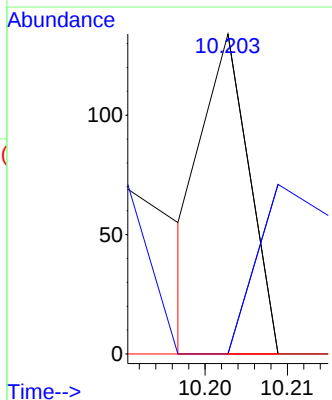
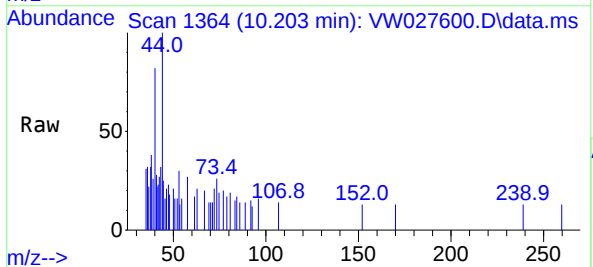
Instrument :
MSVOA_W
ClientSampleId :

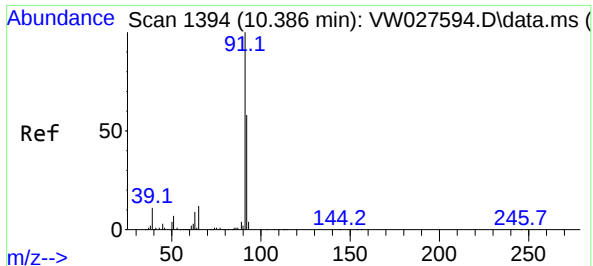
Tgt Ion: 75 Resp: 52
Ion Ratio Lower Upper
75 100
77 0.0 21.1 39.1#



#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#

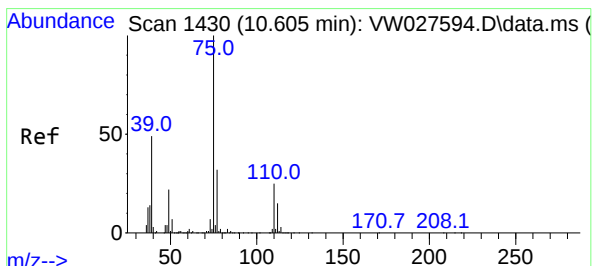
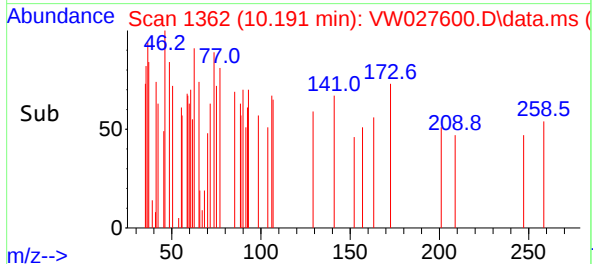
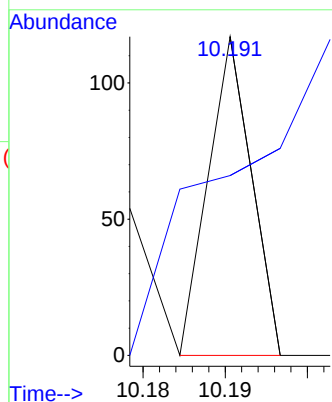
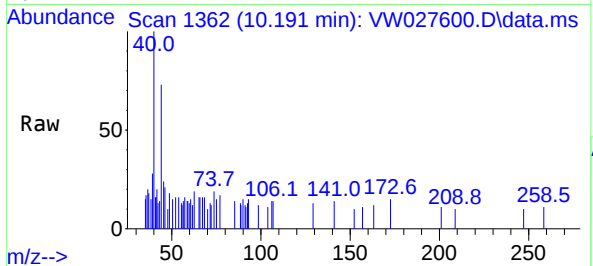




#42
Toluene
Concen: 9.501 ug/L
RT: 10.191 min Scan# 11
Delta R.T. -0.195 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

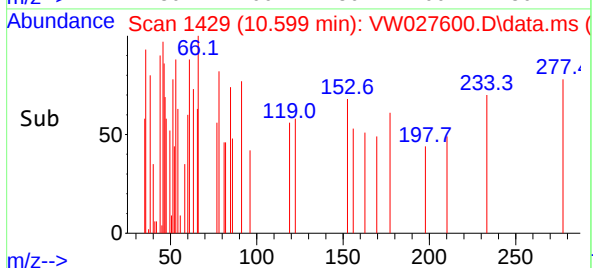
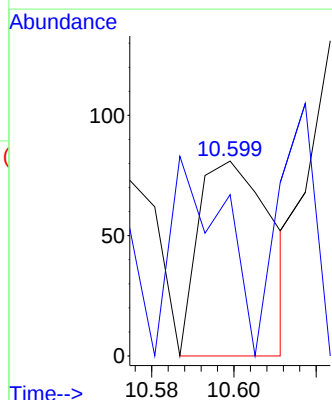
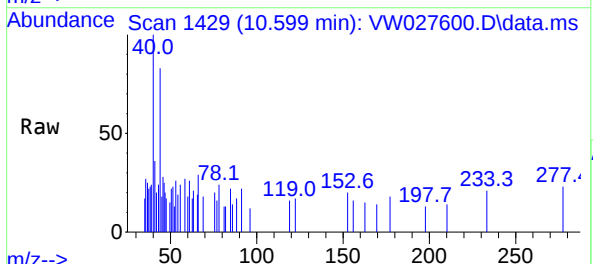
Instrument :
MSVOA_W
ClientSampleId :

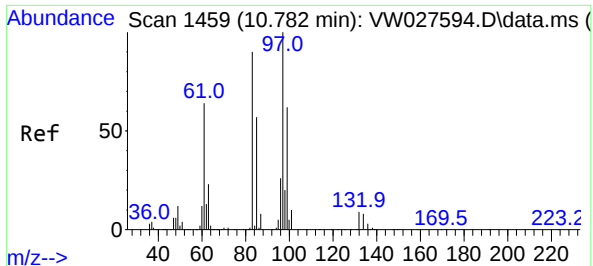
Tgt Ion: 91 Resp: 43
Ion Ratio Lower Upper
91 100
92 56.4 41.4 76.8



#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

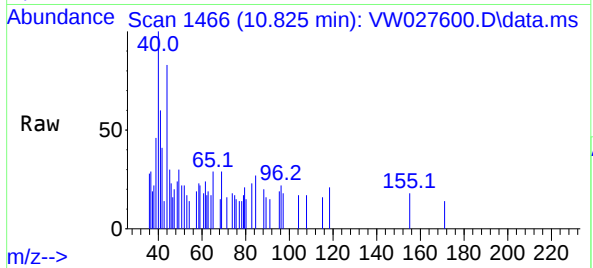
Tgt Ion: 75 Resp: 101
Ion Ratio Lower Upper
75 100
77 82.7 23.7 44.1#



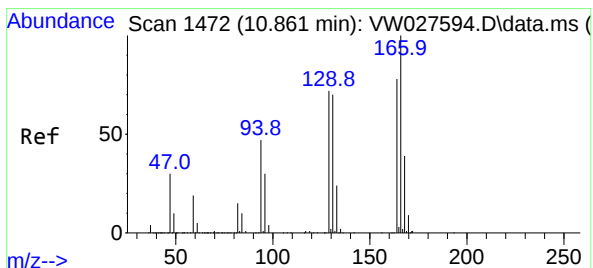
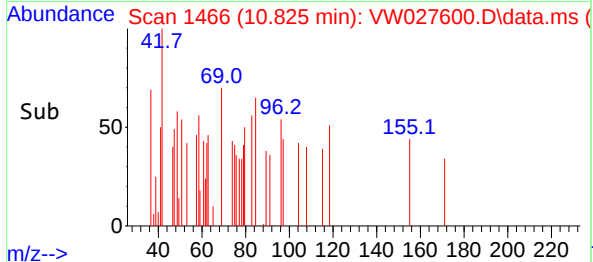
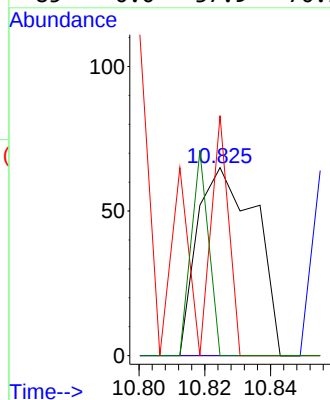


#45
1,1,2-Trichloroethane
Concen: 101.674 ug/L
RT: 10.825 min Scan# 1459
Delta R.T. 0.037 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

Instrument :
MSVOA_W
ClientSampleId :

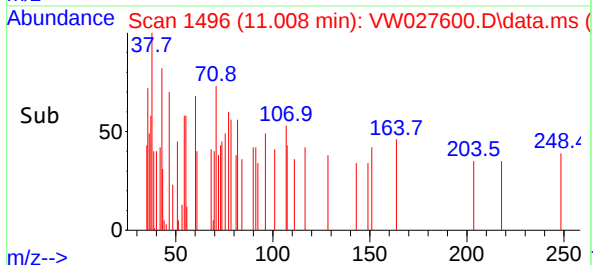
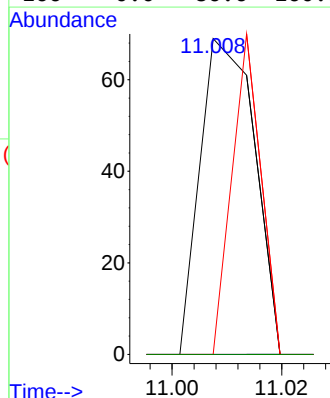
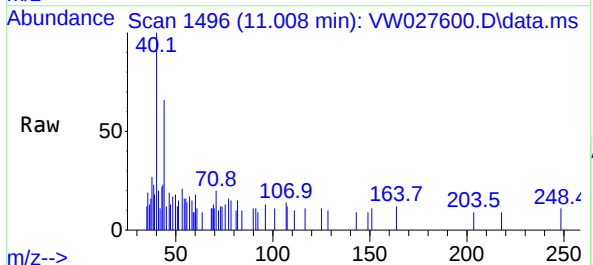


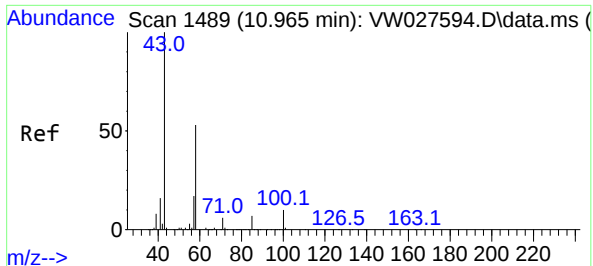
Tgt Ion: 97	Resp: 80
Ion Ratio	Lower Upper
97 100	
99 0.0	42.8 79.4#
83 127.7	59.9 111.3#
85 0.0	37.9 70.5#



#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

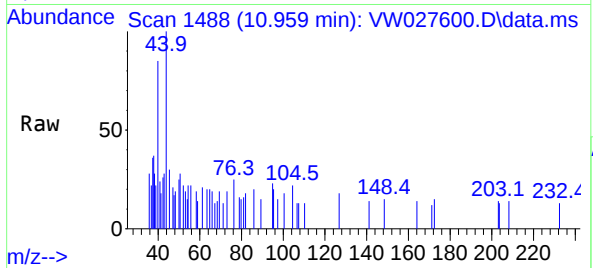
Tgt Ion:164	Resp:	48	
Ion	Ratio	Lower	Upper
164	100		
129	0.0	71.0	131.8#
131	0.0	61.2	113.6#
166	0.0	86.6	160.8#





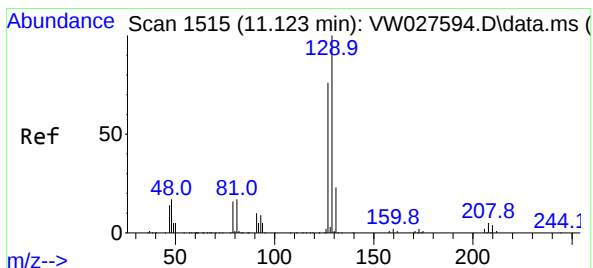
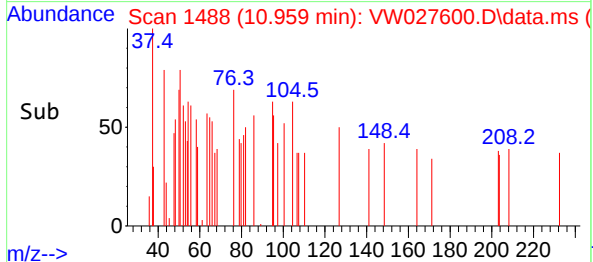
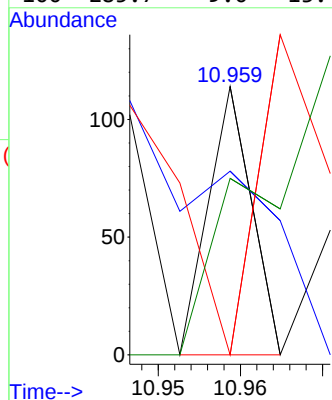
#48
2-Hexanone
Concen: 78.035 ug/L
RT: 10.959 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 42

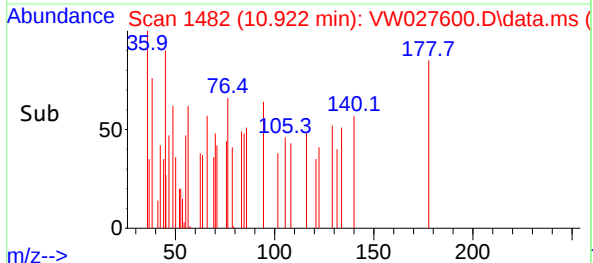
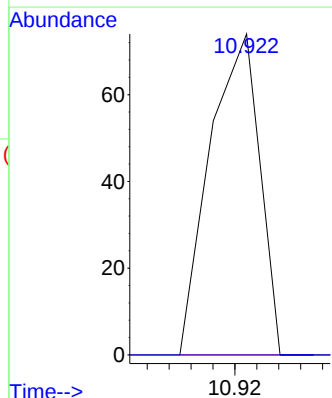
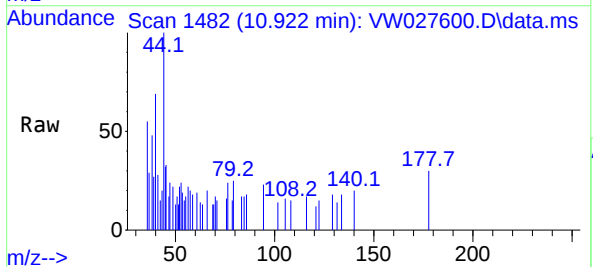
Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.8	61.2#
57	307.1	14.8	22.2#
100	285.7	9.0	13.4#

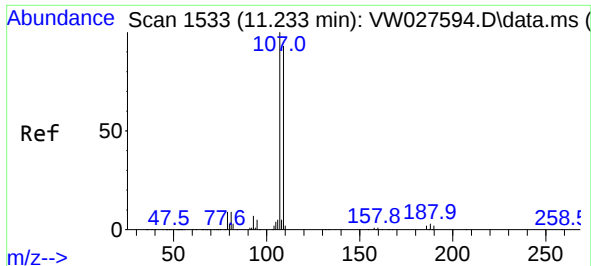


#49
Dibromochloromethane
Concen: 60.430 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.207 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

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# 1

Delta R.T. 0.000 min

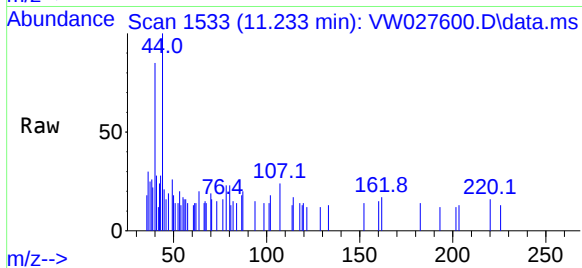
Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

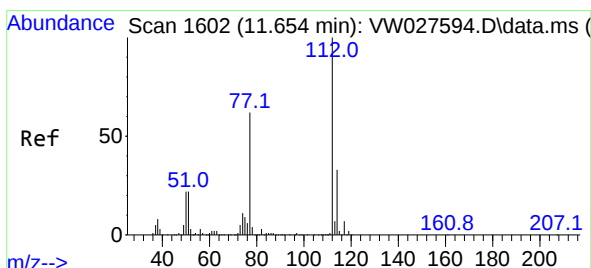
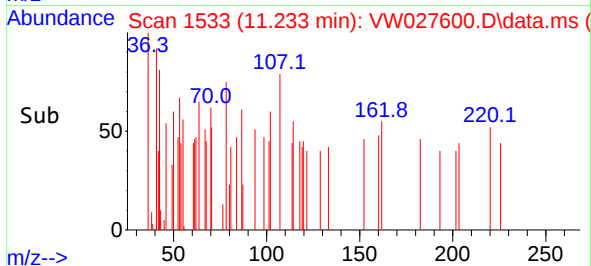
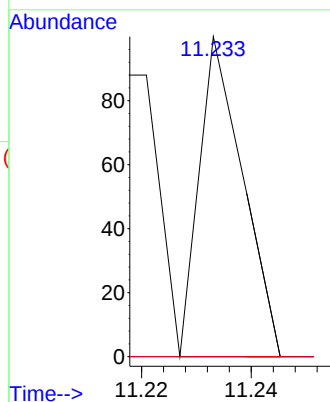
Instrument :

MSVOA_W

ClientSampleId :



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

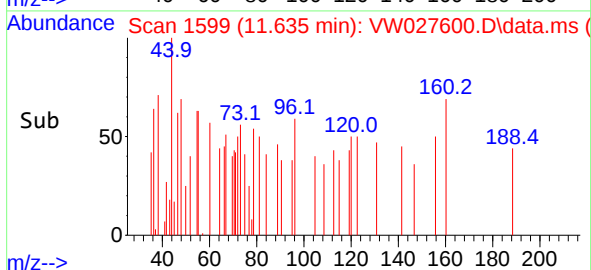
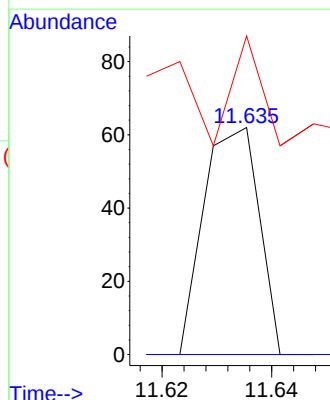
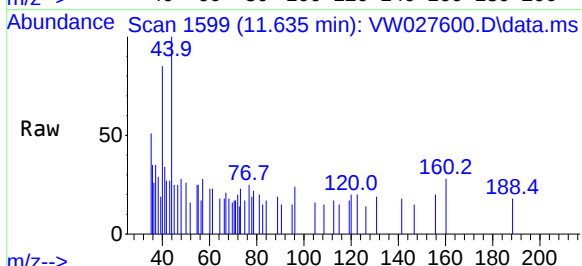
RT: 11.635 min Scan# 1599

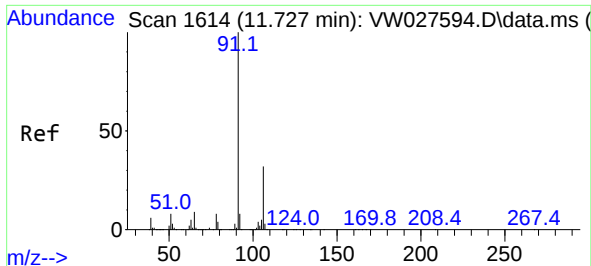
Delta R.T. -0.018 min

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#

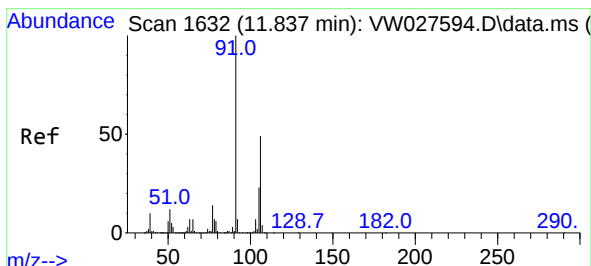
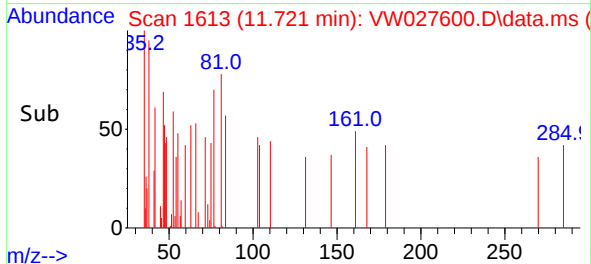
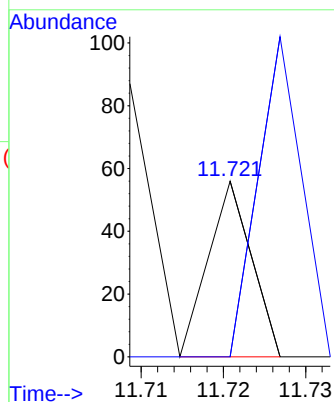
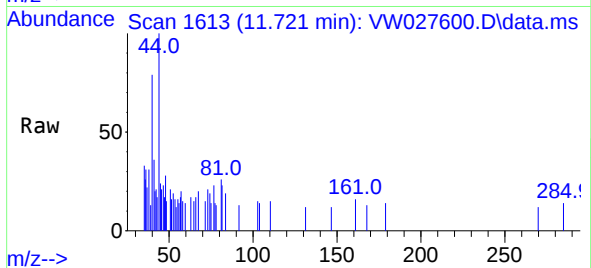




#52
Ethylbenzene
Concen: 3.890 ug/L
RT: 11.721 min Scan# 1613
Delta R.T. -0.006 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

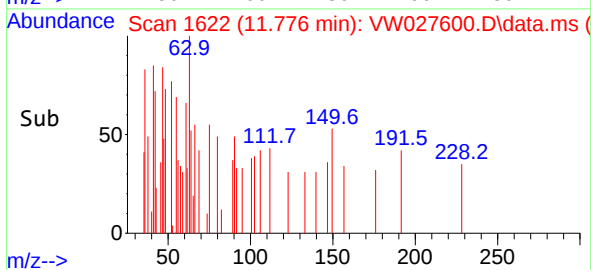
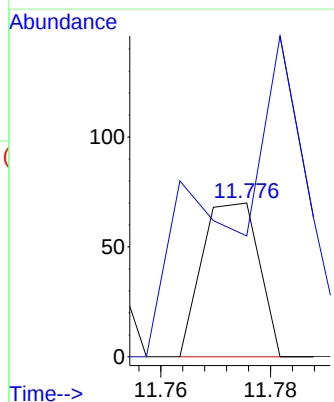
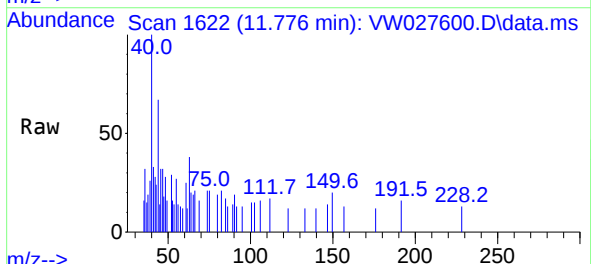
Instrument :
MSVOA_W
ClientSampleId :

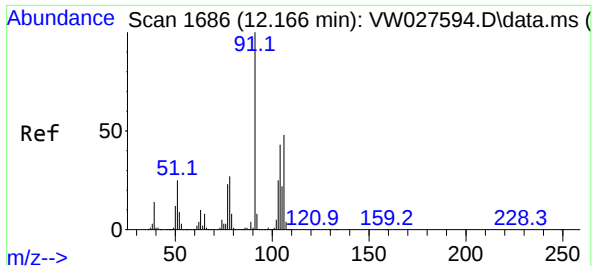
Tgt Ion: 91 Resp: 20
Ion Ratio Lower Upper
91 100
106 0.0 19.5 36.1#



#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#

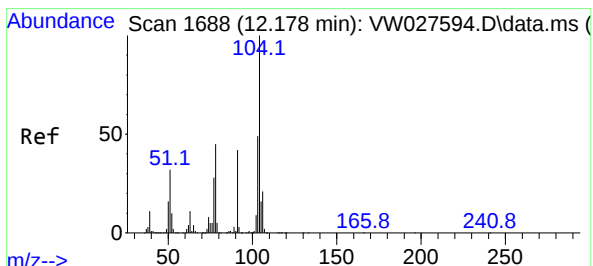
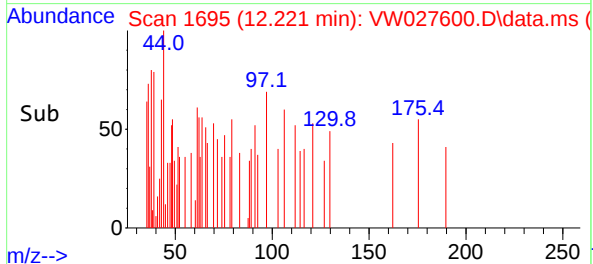
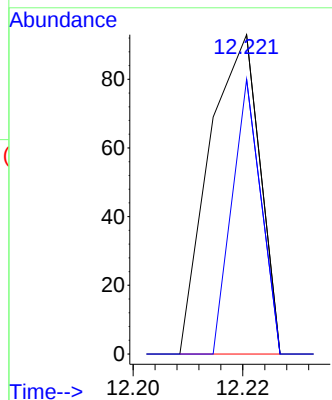
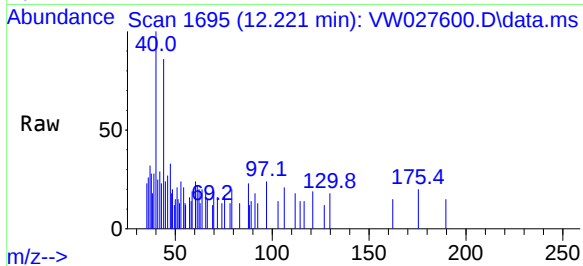




#54
o-Xylene
Concen: 34.267 ug/L
RT: 12.221 min Scan# 1710
Delta R.T. 0.055 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

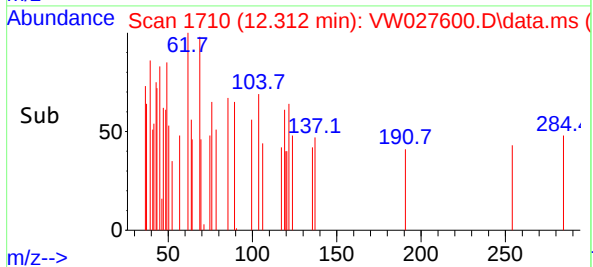
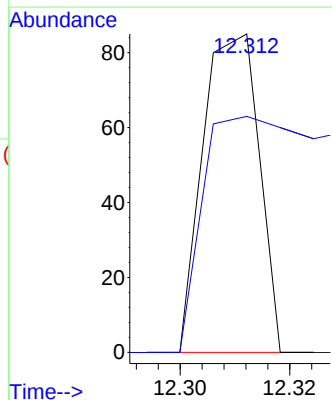
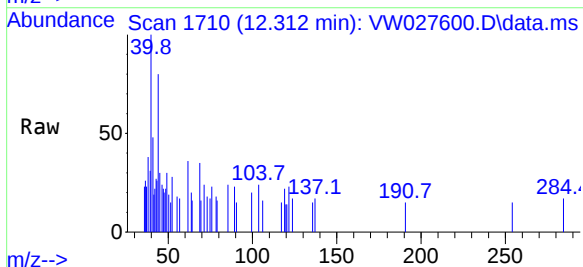
Instrument :
MSVOA_W
ClientSampleId :

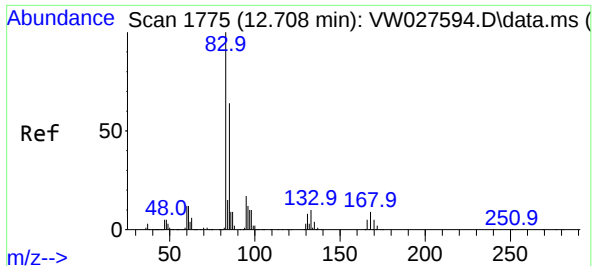
Tgt Ion:106 Resp: 59
Ion Ratio Lower Upper
106 100
91 86.0 158.8 295.0#



#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#

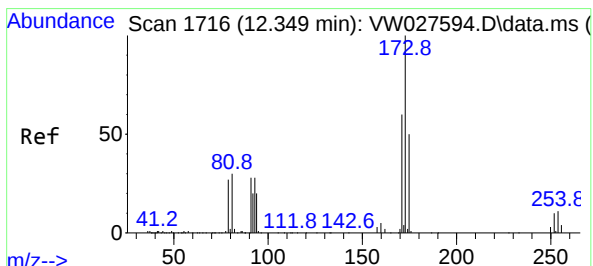
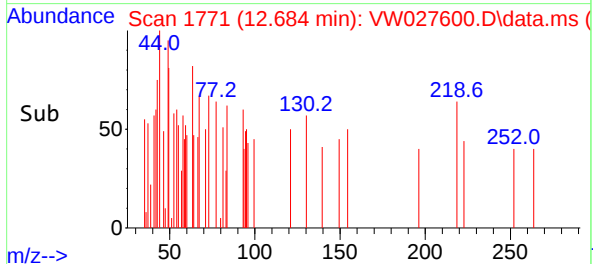
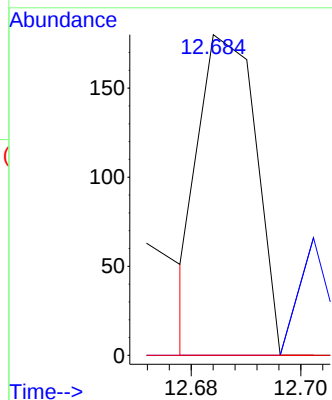
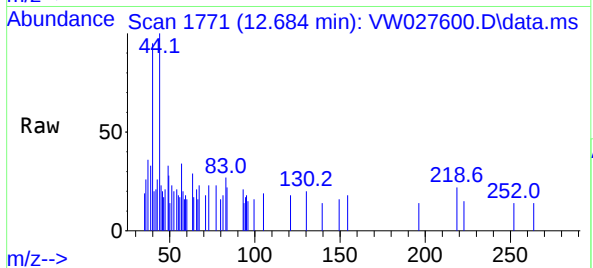




#57
1,1,2,2-Tetrachloroethane
Concen: 123.983 ug/L
RT: 12.684 min Scan# 11
Delta R.T. -0.024 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

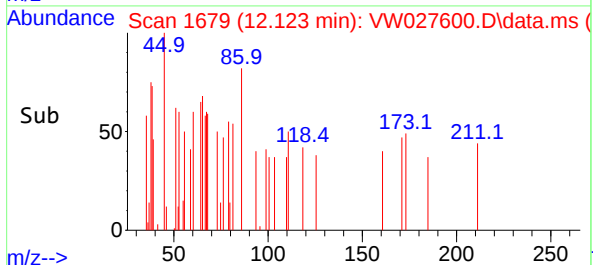
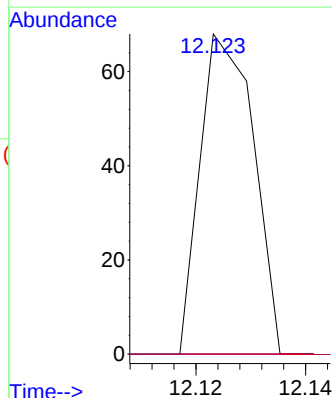
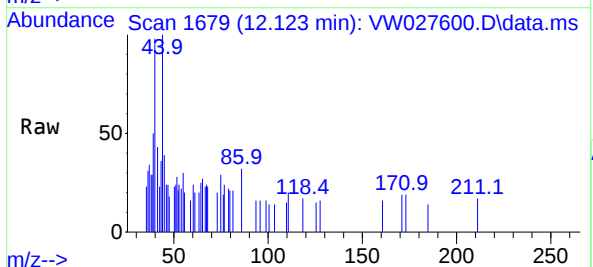
Instrument :
MSVOA_W
ClientSampleId :

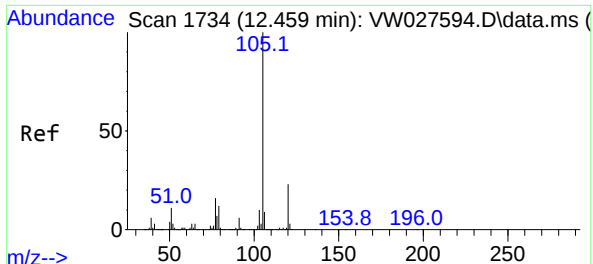
Tgt Ion: 83 Resp: 127
Ion Ratio Lower Upper
83 100
85 0.0 41.9 77.7#
131 0.0 7.0 10.6#



#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

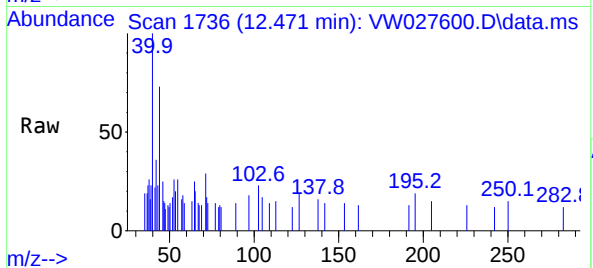
Tgt Ion:173 Resp: 46
Ion Ratio Lower Upper
173 100
175 0.0 39.4 59.0#
254 82.6 7.8 11.8#



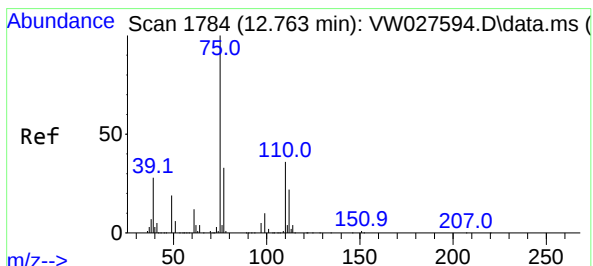
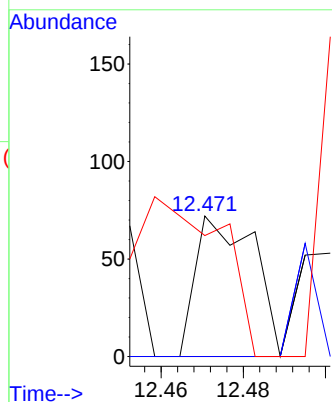
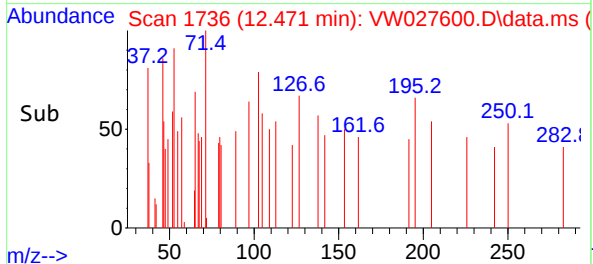


#60
Isopropylbenzene
Concen: 8.432 ug/L
RT: 12.471 min Scan# 1736
Delta R.T. 0.012 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

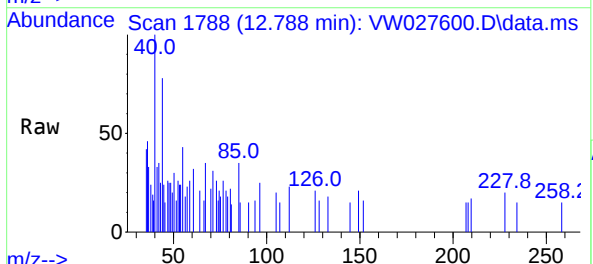
Instrument :
MSVOA_W
ClientSampleId :



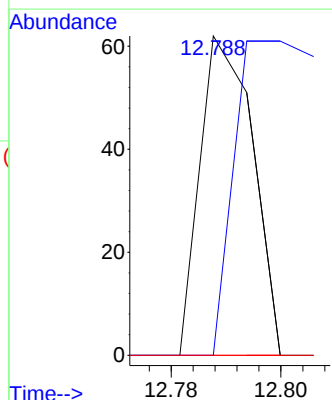
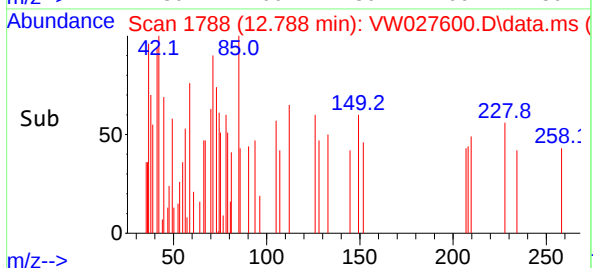
Tgt Ion:105 Resp: 71
Ion Ratio Lower Upper
105 100
120 0.0 20.3 30.5#
77 167.6 13.1 19.7#

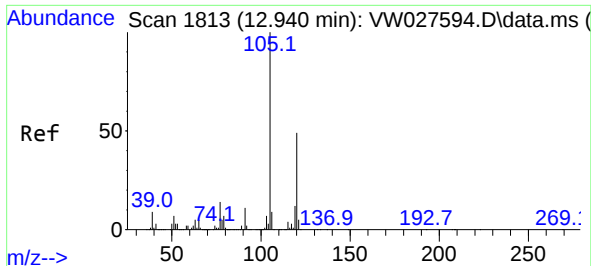


#61
1,2,3-Trichloropropane
Concen: 33.331 ug/L
RT: 12.788 min Scan# 1788
Delta R.T. 0.018 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27



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#

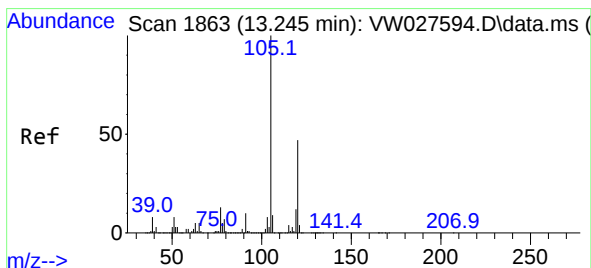
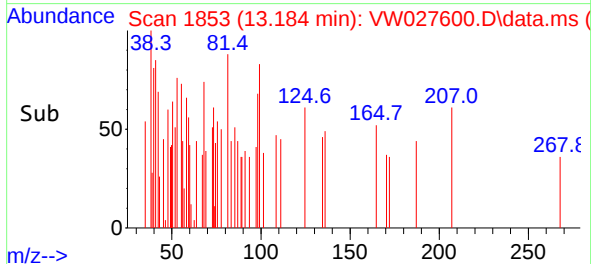
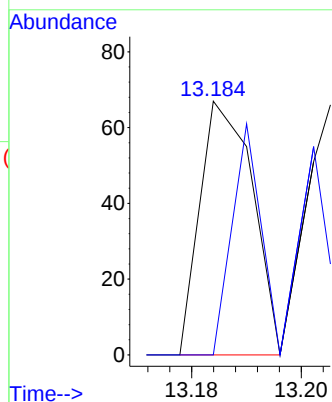
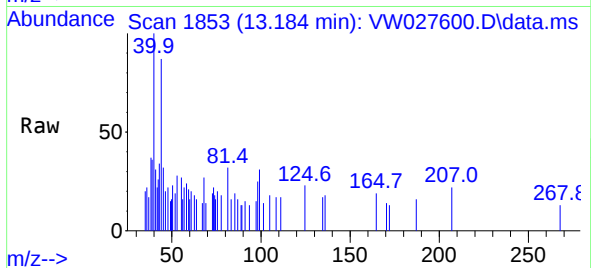




#62
1,3,5-Trimethylbenzene
Concen: 7.225 ug/L
RT: 13.184 min Scan# 1813
Delta R.T. 0.244 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

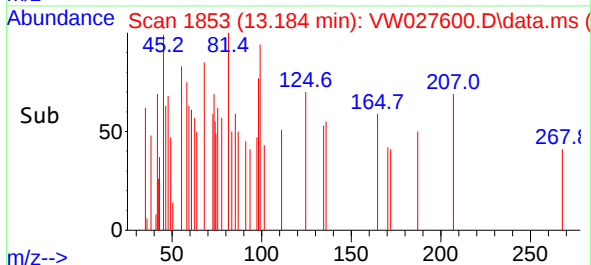
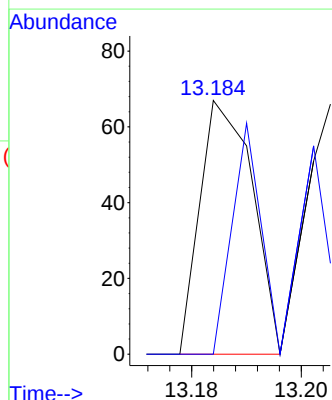
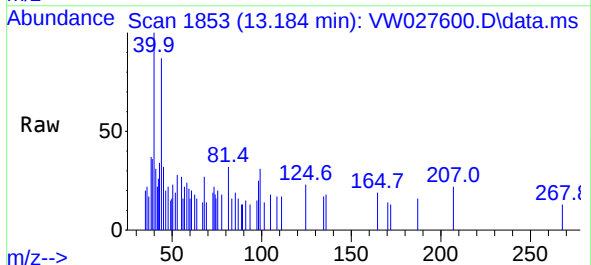
Instrument :
MSVOA_W
ClientSampleId :

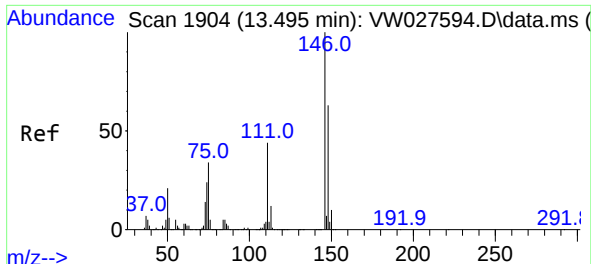
Tgt Ion:105 Resp: 45
Ion Ratio Lower Upper
105 100
120 48.9 38.7 58.1



#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

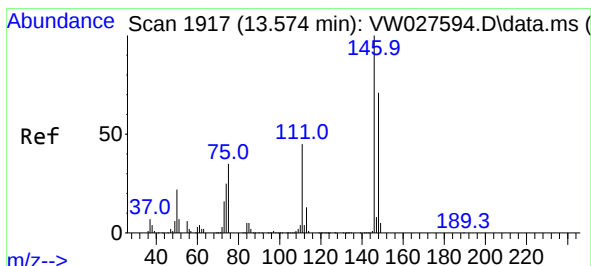
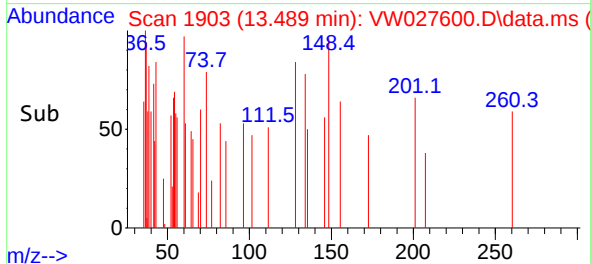
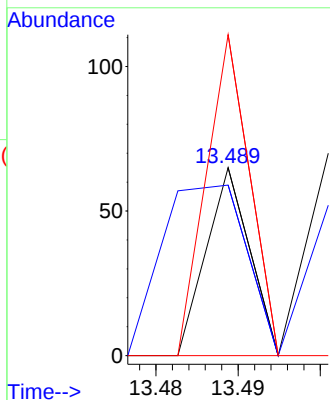
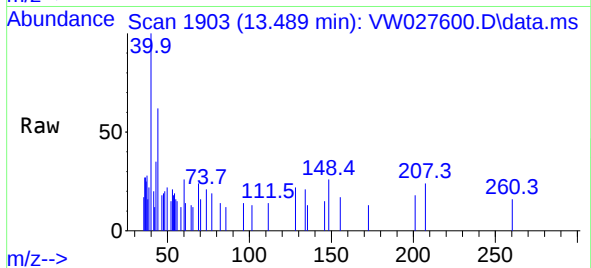




#64
1,3-Dichlorobenzene
Concen: 7.441 ug/L
RT: 13.489 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

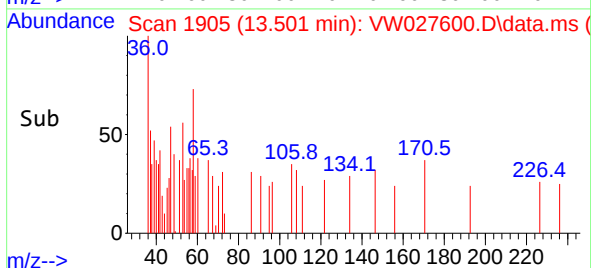
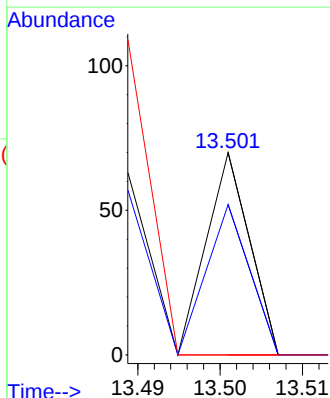
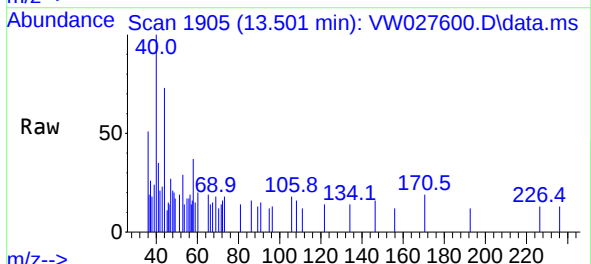
Instrument :
MSVOA_W
ClientSampleId :

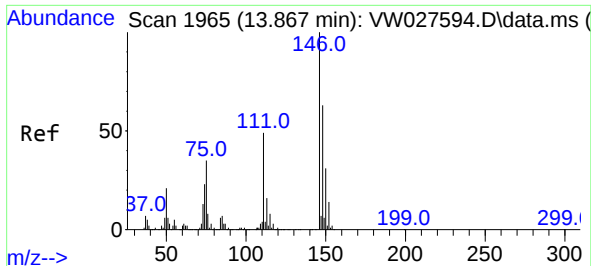
Tgt Ion:146 Resp: 24
Ion Ratio Lower Upper
146 100
111 90.8 29.5 54.7#
148 170.8 42.8 79.6#



#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#

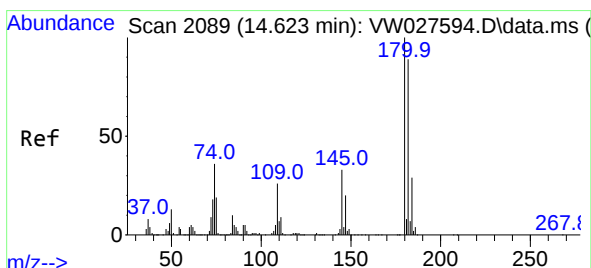
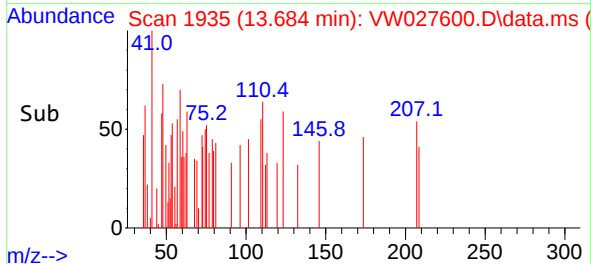
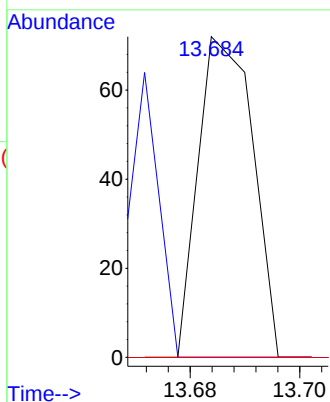
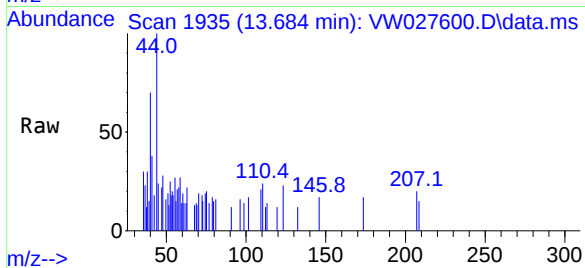




#67
1,2-Dichlorobenzene
Concen: 17.207 ug/L
RT: 13.684 min Scan# 1965
Delta R.T. -0.183 min
Lab File: VW027600.D
Acq: 13 Dec 2023 17:27

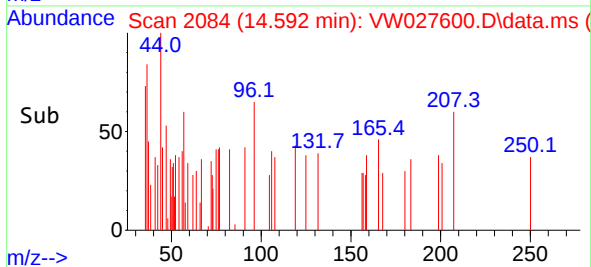
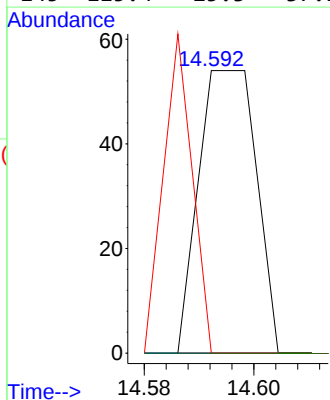
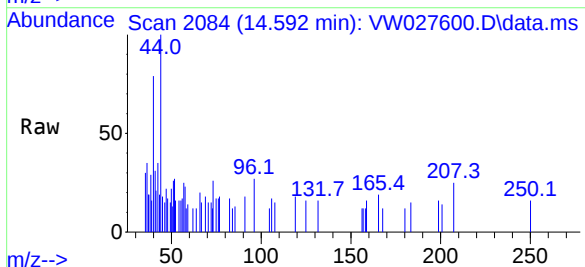
Instrument :
MSVOA_W
ClientSampleId :

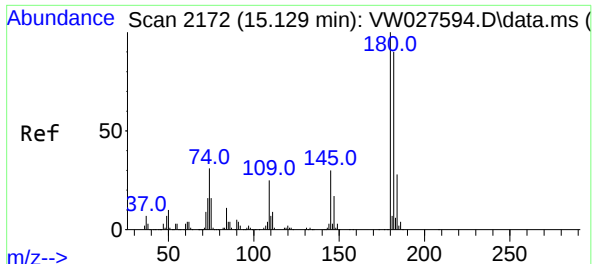
Tgt Ion:	146	Resp:	50
Ion	Ratio	Lower	Upper
146	100		
111	0.0	33.9	50.9#
148	0.0	49.5	74.3#



#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

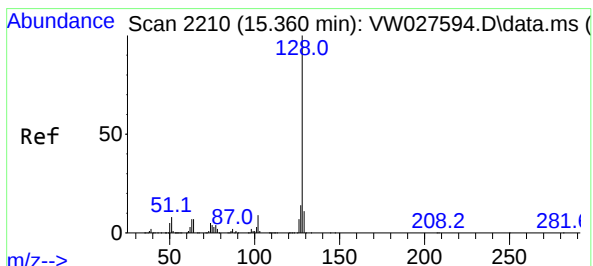
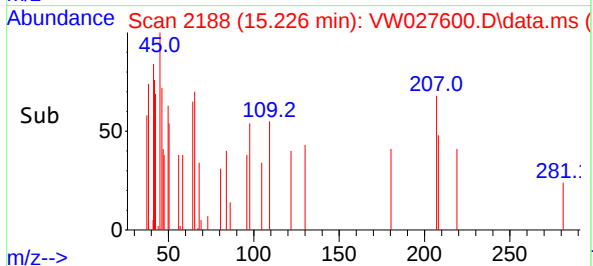
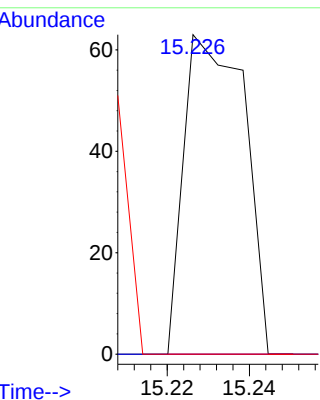
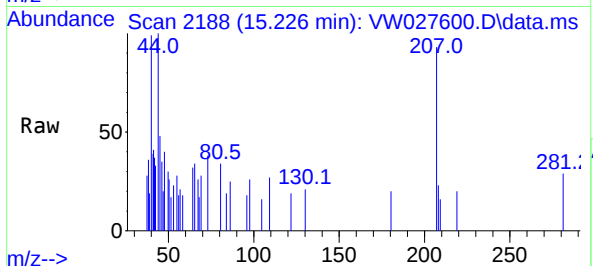
Acq: 13 Dec 2023 17:27

Instrument :

MSVOA_W

ClientSampleId :

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

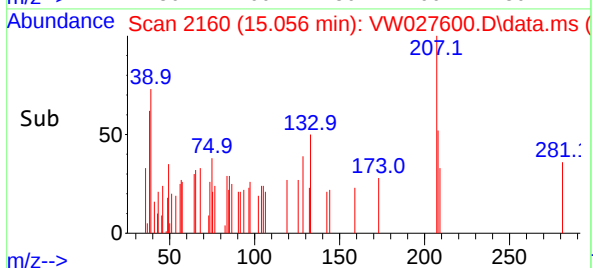
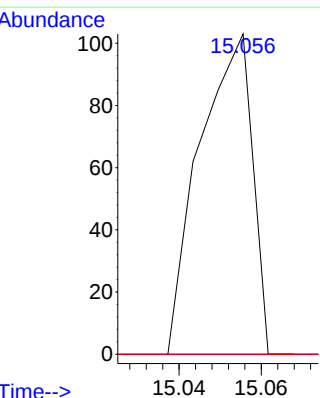
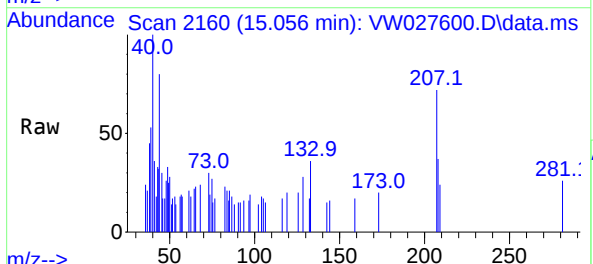
RT: 15.056 min Scan# 2160

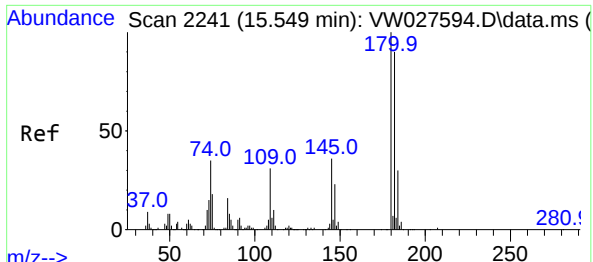
Delta R.T. -0.305 min

Lab File: VW027600.D

Acq: 13 Dec 2023 17:27

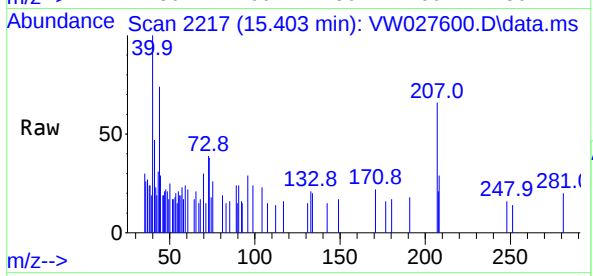
Tgt Ion:128	Resp:	91
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.3 15.5#
129	0.0	8.6 12.8#





#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 :



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#

