

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121423\
 Data File : VW027628.D
 Acq On : 14 Dec 2023 14:28
 Operator : SY/MD
 Sample : 05799-13
 Misc : 3.90g/10mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGR30

Quant Time: Dec 15 03:32:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 15 03:28:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	26	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.635	117	633	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	1129	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	524	1001.504	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 4006.000%#	
7) Chloroethane-d5	2.899	69	107	282.106	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 1128.440%#	
11) 1,1-Dichloroethene-d2	4.027	65	169	763.355	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 3053.440%#	
21) 2-Butanone-d5	7.179	46	76	554.334	ug/L	0.10
Spiked Amount	50.000	Range	20 - 135	Recovery	= 1108.660%#	
24) Chloroform-d	7.661	84	114	146.893	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	= 587.560%#	
26) 1,2-Dichloroethane-d4	8.301	65	85	214.178	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 856.720%#	
32) Benzene-d6	8.307	84	298	6.684	ug/L	0.03
Spiked Amount	25.000	Range	20 - 135	Recovery	= 26.720%	
36) 1,2-Dichloropropane-d6	9.282	67	113	8.598	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 34.400%#	
41) Toluene-d8	10.337	98	339	8.691	ug/L	0.01
Spiked Amount	25.000	Range	30 - 130	Recovery	= 34.760%	
43) trans-1,3-Dichloroprop...	10.593	79	73	14.363	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	= 57.440%	
47) 2-Hexanone-d5	10.989	63	72	29.401	ug/L	0.07
Spiked Amount	50.000	Range	20 - 135	Recovery	= 58.800%	
56) 1,1,2,2-Tetrachloroeth...	12.696	84	378	34.965	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 139.880%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	884	22.337	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 89.360%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.222	85	531	1525.312	ug/L	99
3) Chloromethane	2.162	50	202	473.775	ug/L	100
5) Vinyl chloride	2.210	62	307	617.281	ug/L	85
6) Bromomethane	2.802	94	315	1206.875	ug/L	73
8) Chloroethane	3.039	64	481	1693.324	ug/L	86
9) Trichlorofluoromethane	3.265	101	205	430.379	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	132	324.984	ug/L	# 25
12) 1,1-Dichloroethene	4.100	96	40	107.860	ug/L	80
13) Acetone	4.186	43	159	1203.013	ug/L	82
14) Carbon disulfide	4.405	76	172	153.474	ug/L	# 1
15) Methyl Acetate	4.679	43	124	536.819	ug/L	# 23
16) Methylene chloride	4.996	84	201	474.077	ug/L	91
17) trans-1,2-Dichloroethene	5.234	96	173	452.411	ug/L	77
18) Methyl tert-butyl Ether	5.429	73	131	212.385	ug/L	# 52
19) 1,1-Dichloroethane	6.240	63	127	163.312	ug/L	# 77
20) cis-1,2-Dichloroethene	7.173	96	78	189.935	ug/L	95
22) 2-Butanone	7.173	43	202	1184.678	ug/L	99
23) Bromochloromethane	7.404	128	76	470.521	ug/L	# 1
25) Chloroform	7.624	83	53	75.060	ug/L	90

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

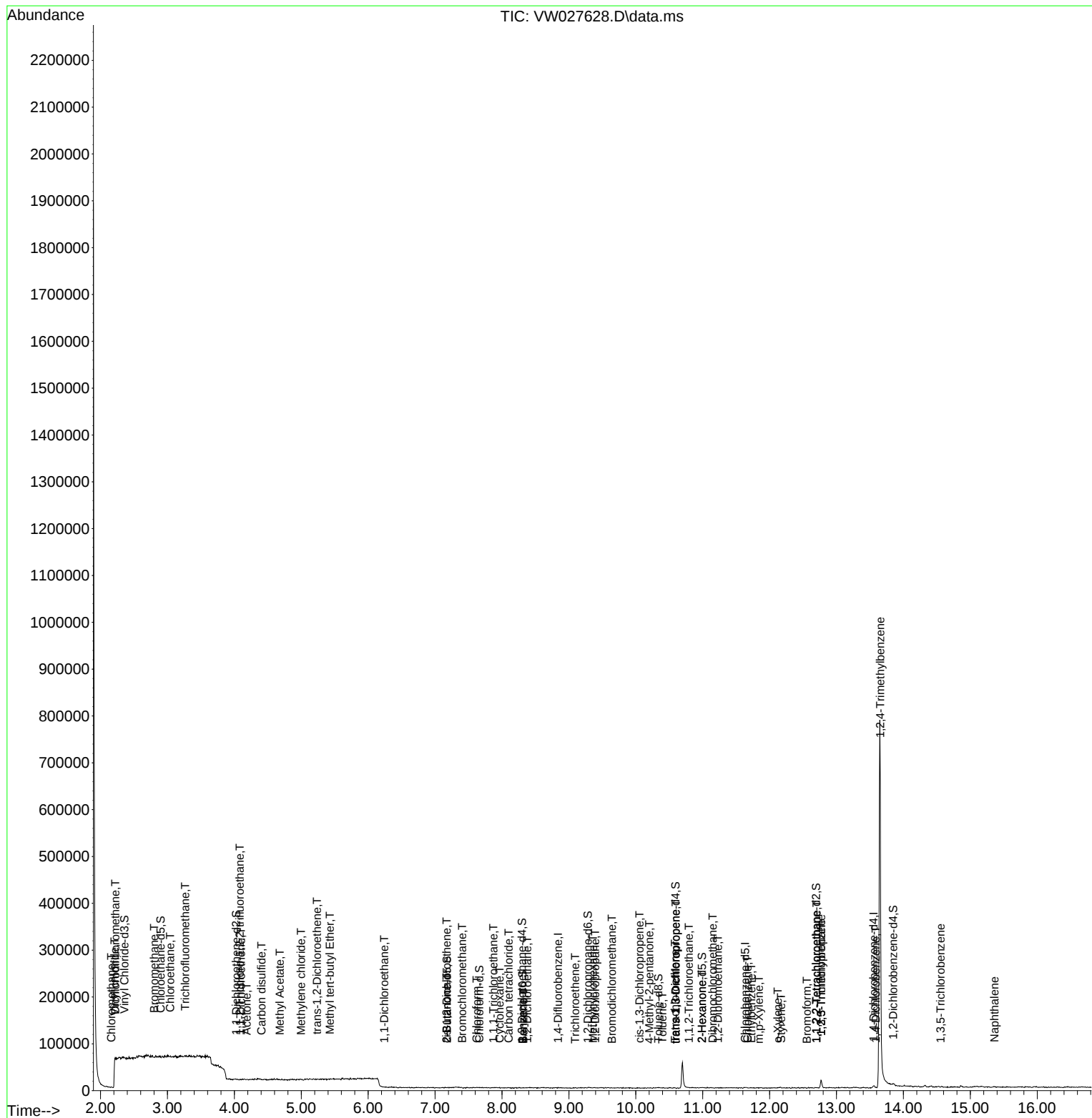
27) 1,2-Dichloroethane	8.380	62	68	149.004	ug/L #	75
29) Cyclohexane	7.965	56	226	10.860	ug/L #	29
30) 1,1,1-Trichloroethane	7.874	97	24	1.359	ug/L #	1
31) Carbon tetrachloride	8.099	117	19	1.234	ug/L #	1
33) Benzene	8.319	78	92	2.106	ug/L	100
34) Trichloroethene	9.093	95	55	4.609	ug/L #	8
35) Methylcyclohexane	9.361	83	59	2.777	ug/L #	1
37) 1,2-Dichloropropane	9.392	63	113	9.796	ug/L #	1
38) Bromodichloromethane	9.642	83	21	1.575	ug/L #	37
39) cis-1,3-Dichloropropene	10.056	75	79	4.744	ug/L #	1
40) 4-Methyl-2-pentanone	10.203	43	148	18.982	ug/L #	1
42) Toluene	10.398	91	196	4.242	ug/L #	70
44) trans-1,3-Dichloropropene	10.599	75	19	1.414	ug/L #	26
45) 1,1,2-Trichloroethane	10.794	97	112	13.942	ug/L #	48
46) Tetrachloroethene	10.587	164	37	4.349	ug/L #	2
48) 2-Hexanone	10.989	43	329	59.872	ug/L #	66
49) Dibromochloromethane	11.148	129	23	2.896	ug/L	78
50) 1,2-Dibromoethane	11.227	107	48	6.531	ug/L #	6
51) Chlorobenzene	11.672	112	50	1.794	ug/L #	1
52) Ethylbenzene	11.727	91	93	1.772	ug/L #	47
53) m,p-Xylene	11.843	106	74	3.826	ug/L #	51
54) o-Xylene	12.123	106	52	2.958	ug/L #	1
55) Styrene	12.172	104	25	0.833	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	12.702	83	57	5.450	ug/L #	28
59) Bromoform	12.556	173	40	2.530	ug/L #	1
61) 1,2,3-Trichloropropane	12.769	75	541	19.867	ug/L #	1
62) 1,3,5-Trimethylbenzene	12.769	105	379	2.749	ug/L	86
63) 1,2,4-Trimethylbenzene	13.653	105	144	1.049	ug/L	87
65) 1,4-Dichlorobenzene	13.586	146	71	0.997	ug/L #	33
69) 1,3,5-Trichlorobenzene	14.556	180	43	0.896	ug/L #	3
71) Naphthalene	15.360	128	414	5.279	ug/L #	83

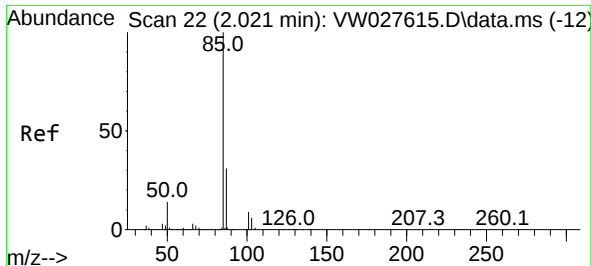
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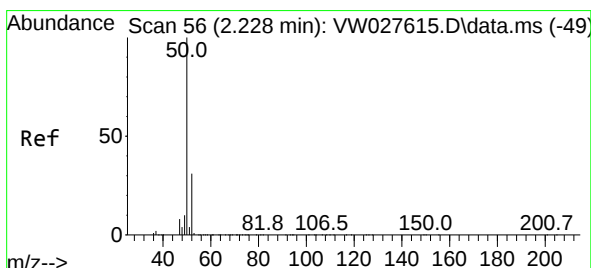
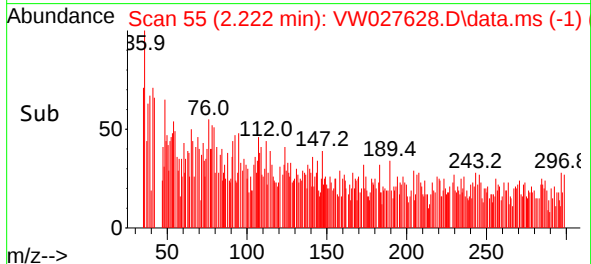
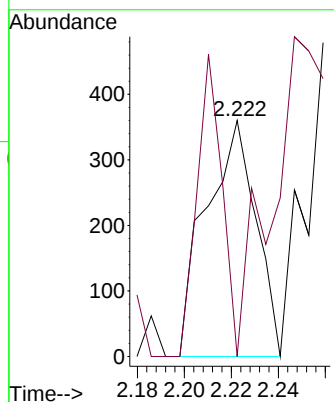
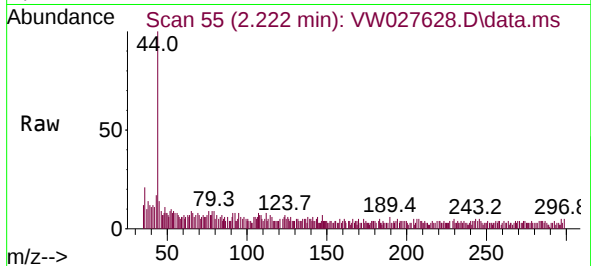




#2
Dichlorodifluoromethane
Concen: 1525.312 ug/L
RT: 2.222 min Scan# 51
Delta R.T. 0.201 min
Lab File: VW027628.D
Acq: 14 Dec 2023 14:28

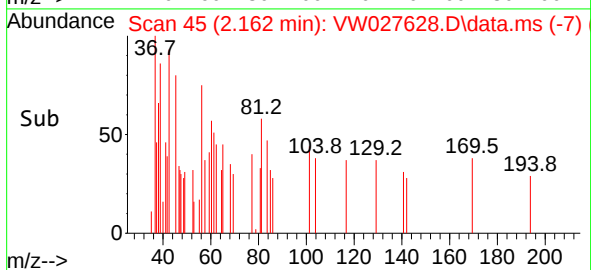
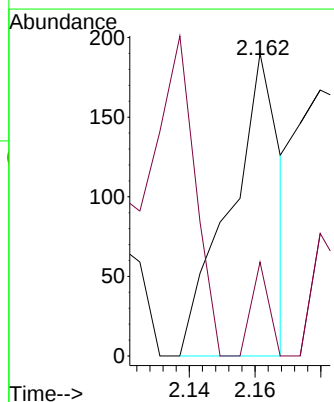
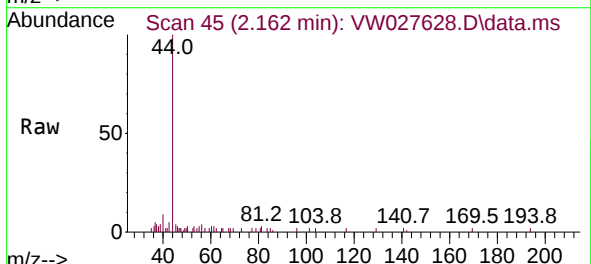
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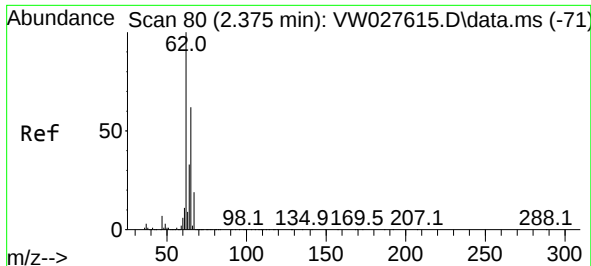
Tgt Ion: 85 Resp: 531
Ion Ratio Lower Upper
85 100
87 29.6 24.0 36.0



#3
Chloromethane
Concen: 473.775 ug/L
RT: 2.162 min Scan# 45
Delta R.T. -0.067 min
Lab File: VW027628.D
Acq: 14 Dec 2023 14:28

Tgt Ion: 50 Resp: 202
Ion Ratio Lower Upper
50 100
52 31.1 21.8 40.6

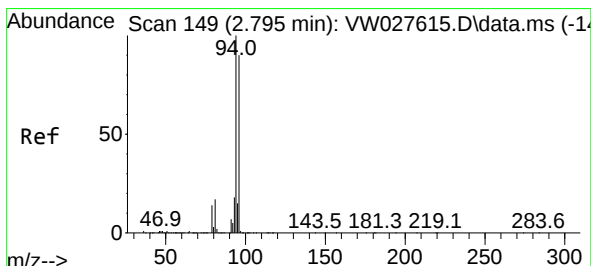
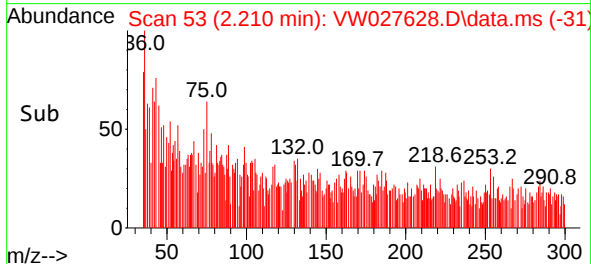
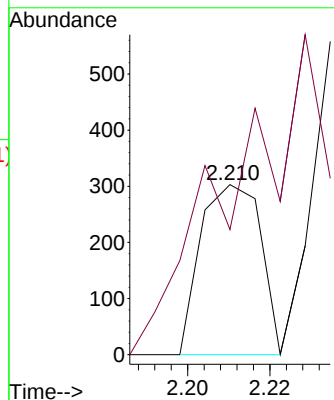
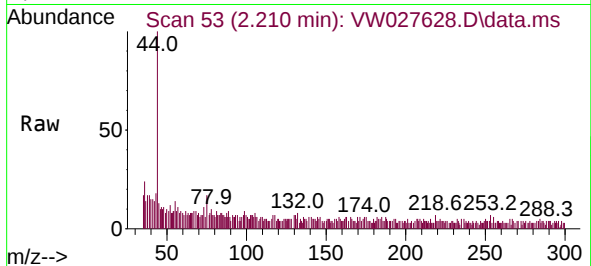




#5
 Vinyl chloride
 Concen: 617.281 ug/L
 RT: 2.210 min Scan# 51
 Delta R.T. -0.165 min
 Lab File: VW027628.D
 Acq: 14 Dec 2023 14:28

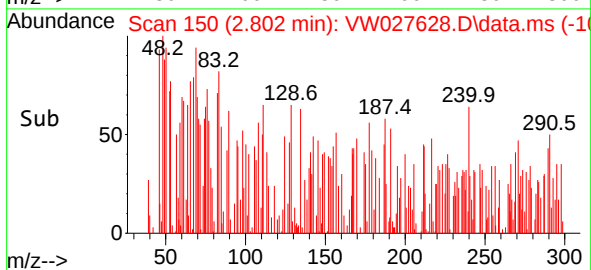
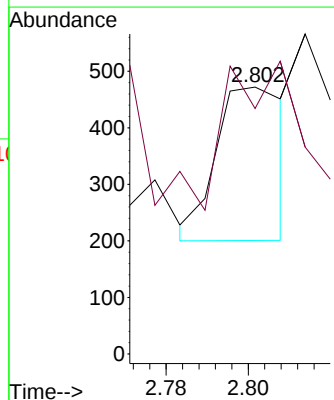
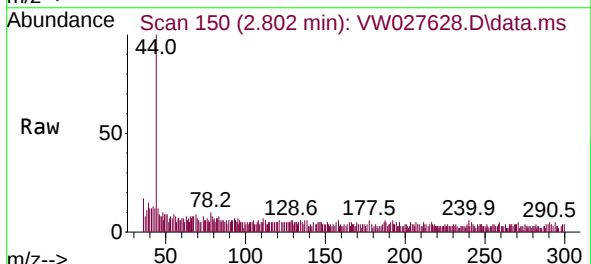
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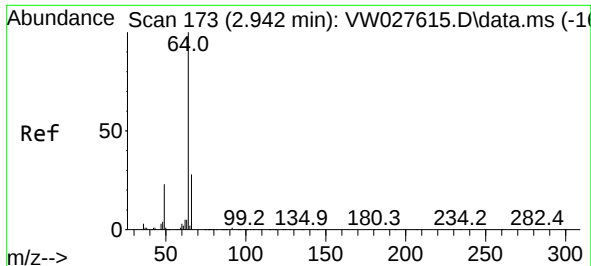
Tgt Ion: 62 Resp: 307
 Ion Ratio Lower Upper
 62 100
 64 40.0 22.2 41.2



#6
 Bromomethane
 Concen: 1206.875 ug/L
 RT: 2.802 min Scan# 150
 Delta R.T. 0.006 min
 Lab File: VW027628.D
 Acq: 14 Dec 2023 14:28

Tgt Ion: 94 Resp: 315
 Ion Ratio Lower Upper
 94 100
 96 64.6 63.3 117.7





#8

Chloroethane

Concen: 1693.324 ug/L

RT: 3.039 min Scan# 11

Delta R.T. 0.098 min

Lab File: VW027628.D

Acq: 14 Dec 2023 14:28

Instrument :

MSVOA_W

ClientSampleId :

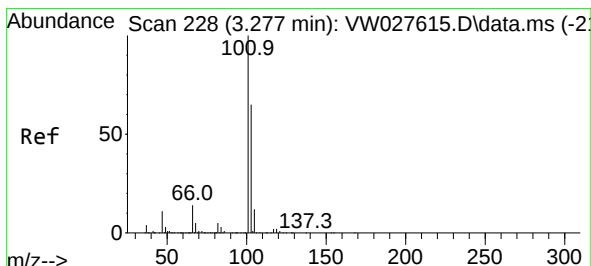
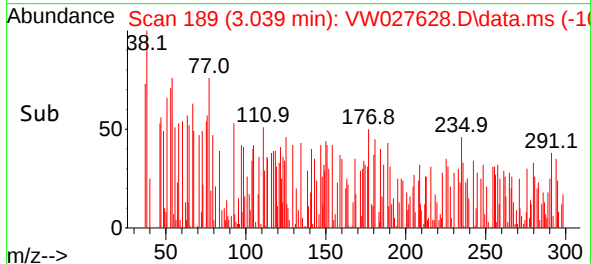
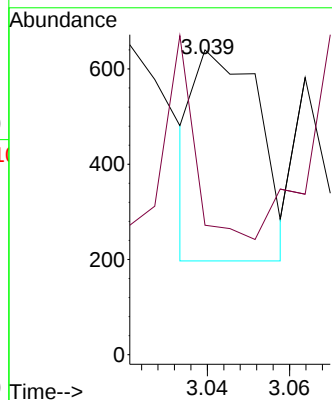
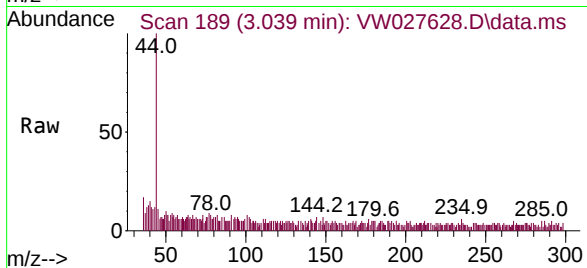
BGR30

Tgt Ion: 64 Resp: 481

Ion Ratio Lower Upper

64 100

66 42.5 24.1 44.7



#9

Trichlorofluoromethane

Concen: 430.379 ug/L

RT: 3.265 min Scan# 226

Delta R.T. -0.012 min

Lab File: VW027628.D

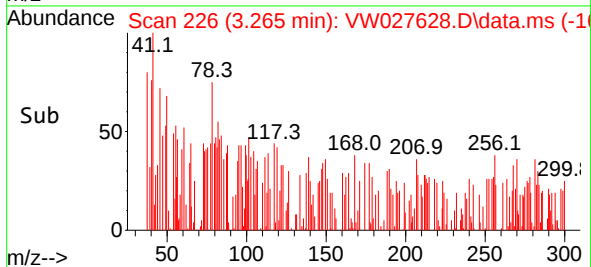
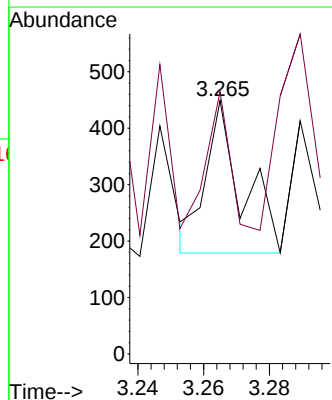
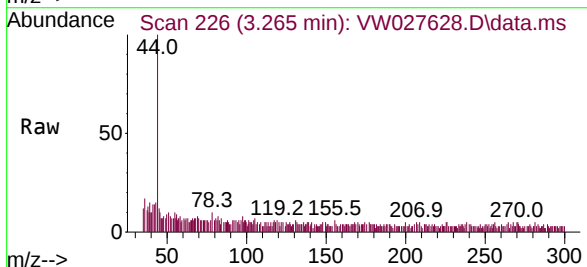
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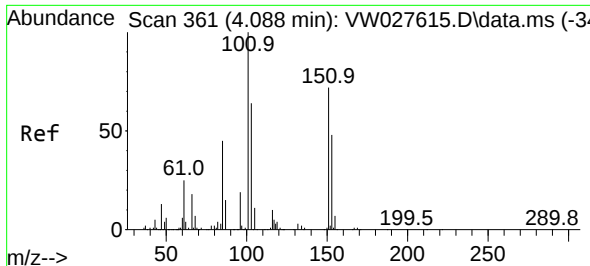
Tgt Ion: 101 Resp: 205

Ion Ratio Lower Upper

101 100

103 65.9 52.0 78.0

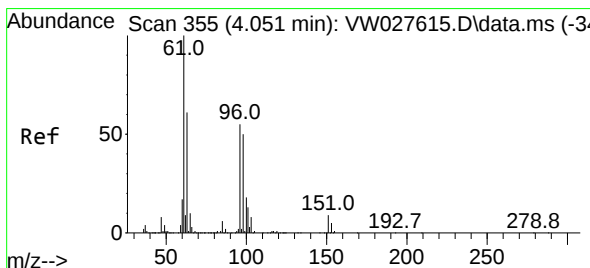
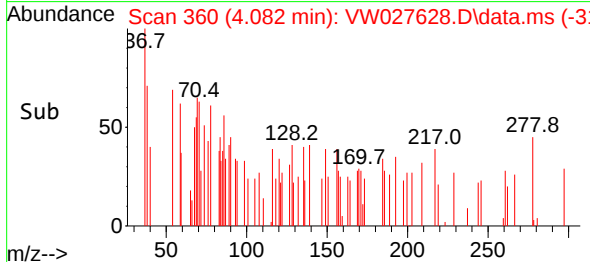
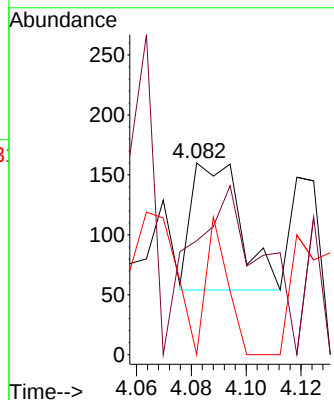
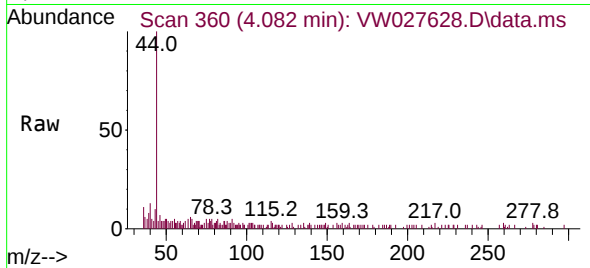




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 324.984 ug/L
 RT: 4.082 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: VW027628.D
 Acq: 14 Dec 2023 14:28

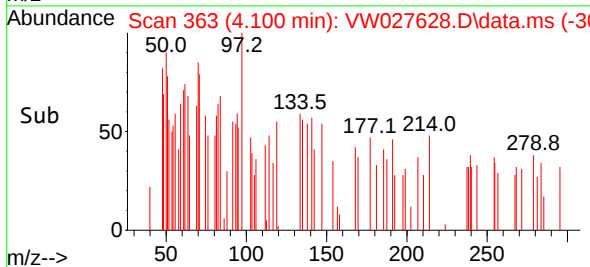
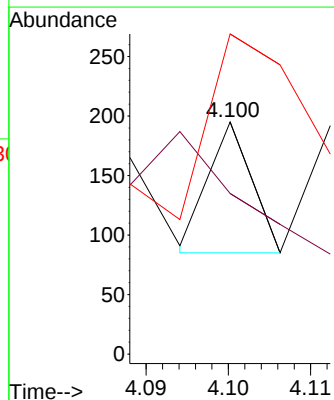
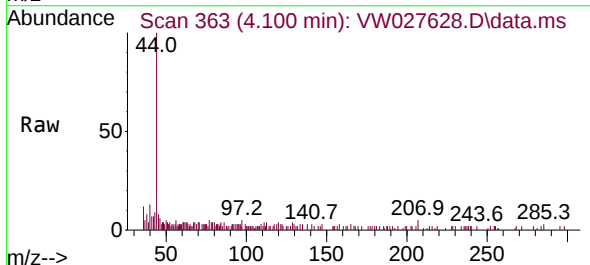
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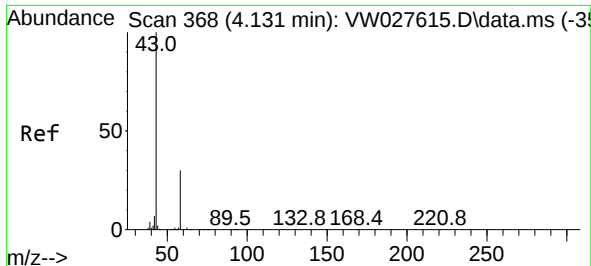
Tgt Ion:101 Resp: 132
 Ion Ratio Lower Upper
 101 100
 85 139.4 33.9 50.9#
 151 46.2 54.6 81.8#



#12
 1,1-Dichloroethene
 Concen: 107.860 ug/L
 RT: 4.100 min Scan# 363
 Delta R.T. 0.049 min
 Lab File: VW027628.D
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Tgt Ion: 96 Resp: 40
 Ion Ratio Lower Upper
 96 100
 61 141.5 127.8 237.4
 63 137.9 104.9 194.7

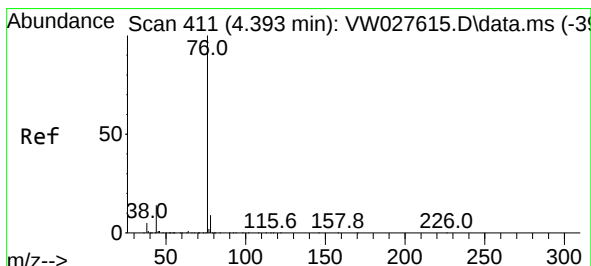
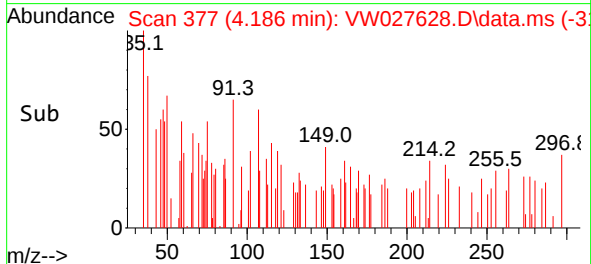
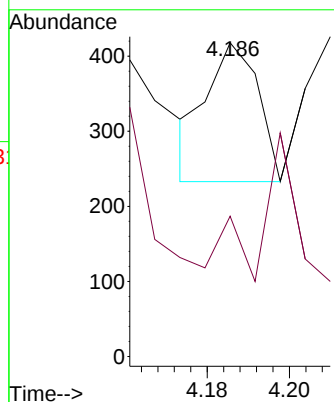
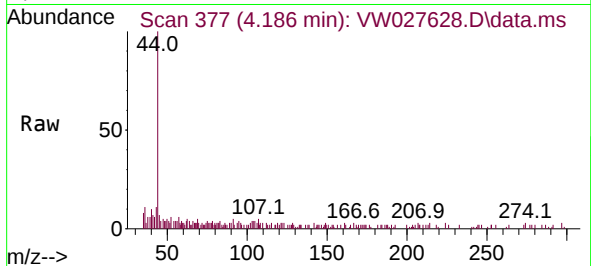




#13
Acetone
Concen: 1203.013 ug/L
RT: 4.186 min Scan# 31
Delta R.T. 0.055 min
Lab File: VW027628.D
Acq: 14 Dec 2023 14:28

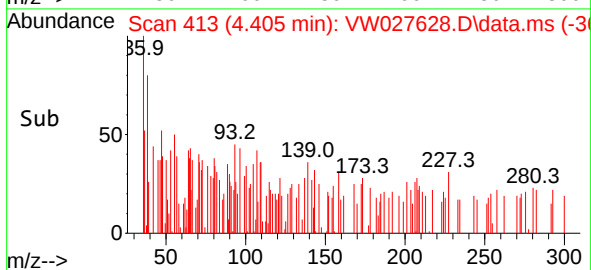
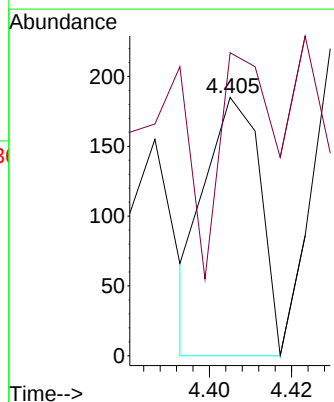
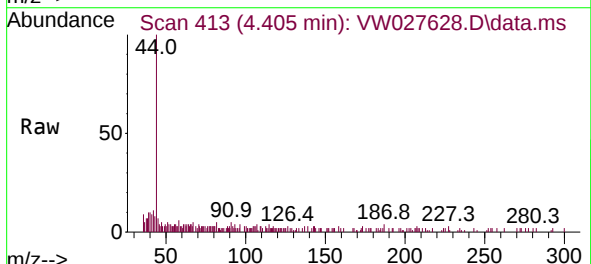
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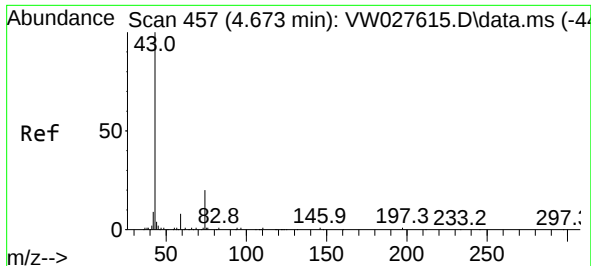
Tgt Ion: 43 Resp: 159
Ion Ratio Lower Upper
43 100
58 20.1 0.0 60.0



#14
Carbon disulfide
Concen: 153.474 ug/L
RT: 4.405 min Scan# 413
Delta R.T. 0.012 min
Lab File: VW027628.D
Acq: 14 Dec 2023 14:28

Tgt Ion: 76 Resp: 172
Ion Ratio Lower Upper
76 100
78 117.3 7.8 11.6#

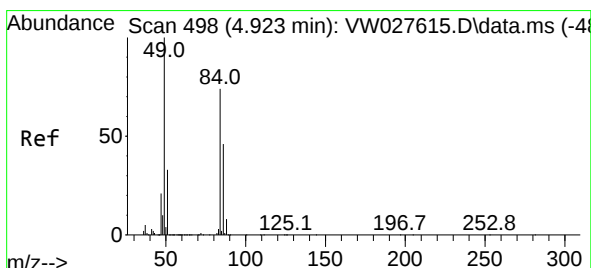
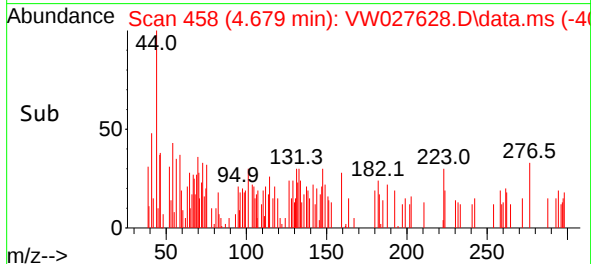
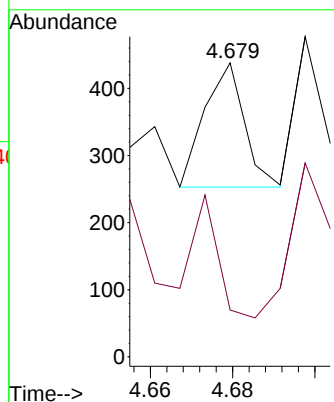
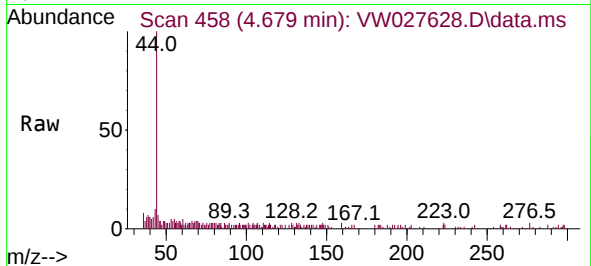




#15
Methyl Acetate
Concen: 536.819 ug/L
RT: 4.679 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW027628.D
Acq: 14 Dec 2023 14:28

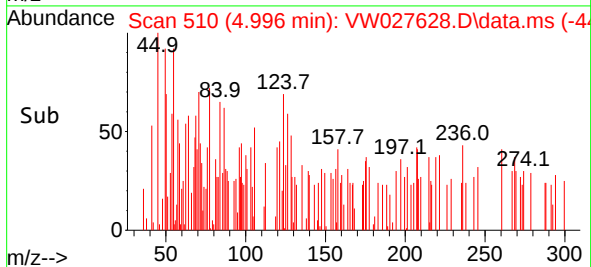
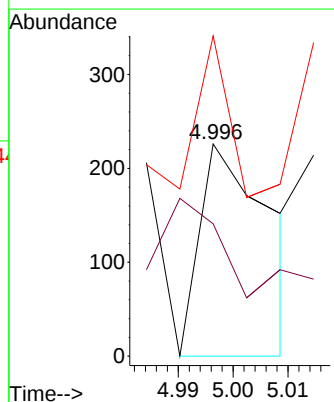
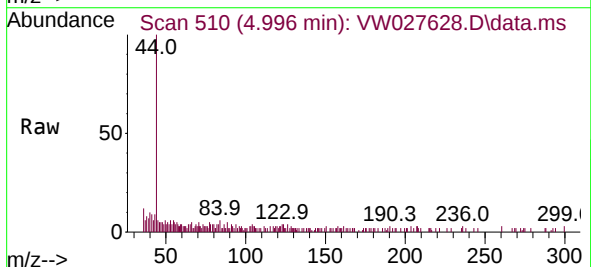
Instrument :
MSVOA_W
ClientSampleId :
BGR30

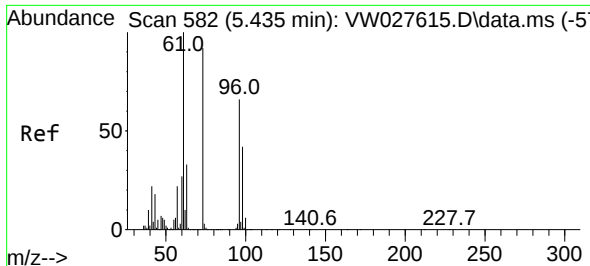
Tgt Ion: 43 Resp: 124
Ion Ratio Lower Upper
43 100
74 57.3 16.8 25.2#



#16
Methylene chloride
Concen: 474.077 ug/L
RT: 4.996 min Scan# 510
Delta R.T. 0.073 min
Lab File: VW027628.D
Acq: 14 Dec 2023 14:28

Tgt Ion: 84 Resp: 201
Ion Ratio Lower Upper
84 100
86 62.4 47.7 88.7
49 150.9 97.4 181.0

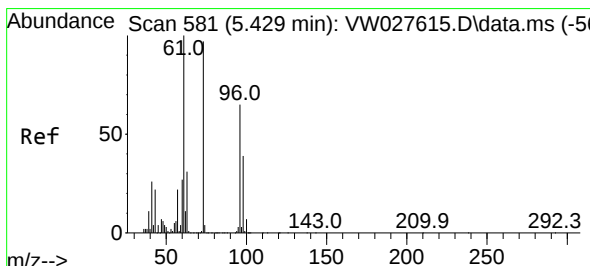
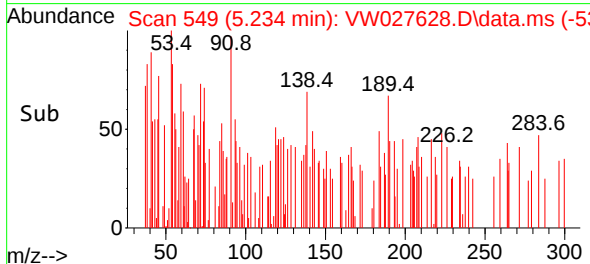
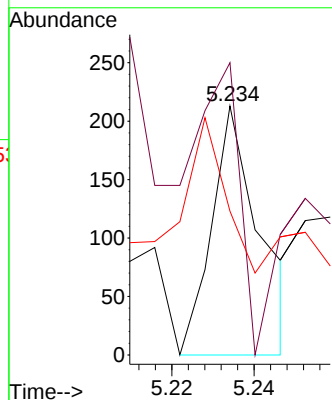
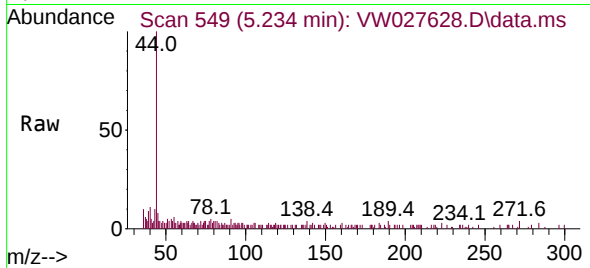




#17
trans-1,2-Dichloroethene
Concen: 452.411 ug/L
RT: 5.234 min Scan# 549
Delta R.T. -0.201 min
Lab File: VW027628.D
Acq: 14 Dec 2023 14:28

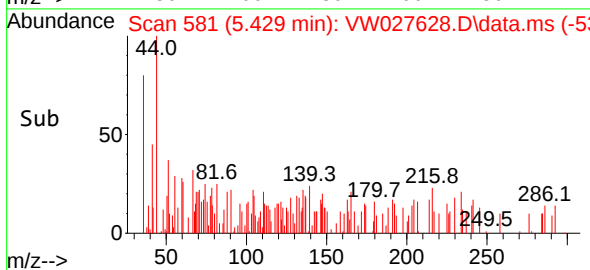
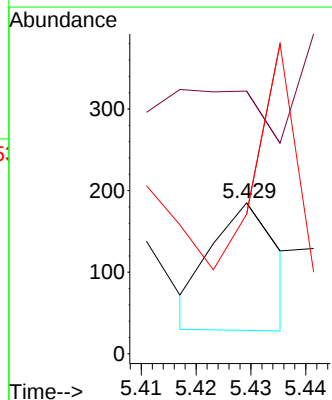
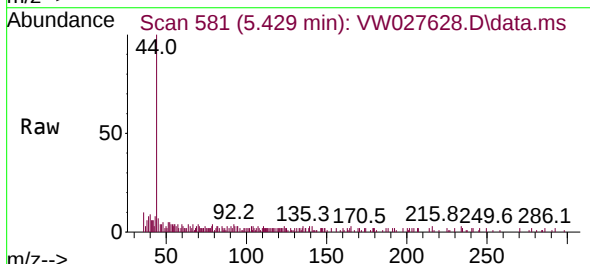
Instrument :
MSVOA_W
ClientSampleId :
BGR30

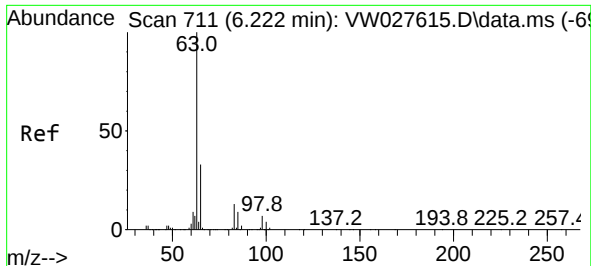
Tgt Ion: 96 Resp: 173
Ion Ratio Lower Upper
96 100
61 117.4 109.6 203.6
98 57.7 41.9 77.7



#18
Methyl tert-butyl Ether
Concen: 212.385 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027628.D
Acq: 14 Dec 2023 14:28

Tgt Ion: 73 Resp: 131
Ion Ratio Lower Upper
73 100
43 0.0 17.8 26.6#
57 0.0 19.9 29.9#





#19

1,1-Dichloroethane

Concen: 163.312 ug/L

RT: 6.240 min Scan# 711

Delta R.T. 0.018 min

Lab File: VW027628.D

Acq: 14 Dec 2023 14:28

Instrument :

MSVOA_W

ClientSampleId :

BGR30

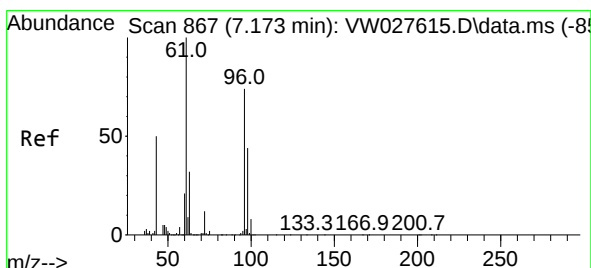
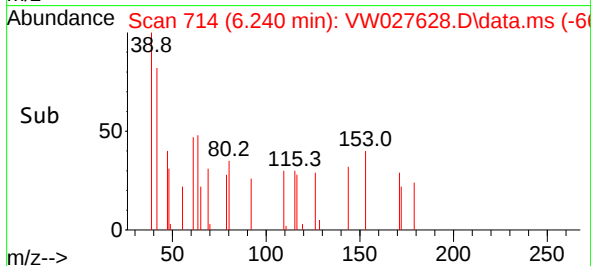
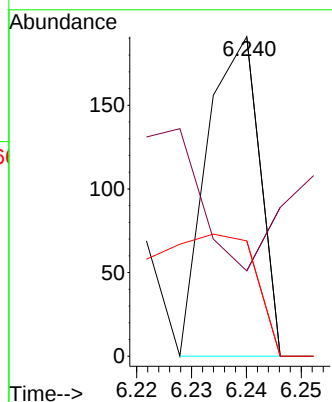
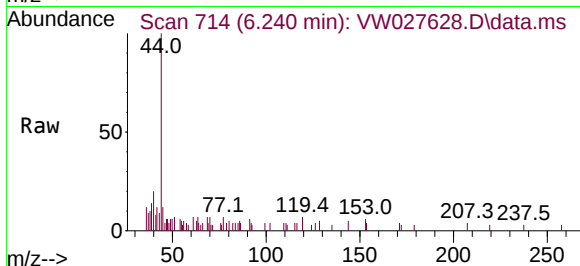
Tgt Ion: 63 Resp: 127

Ion Ratio Lower Upper

63 100

65 26.7 22.0 40.8

83 36.1 9.0 16.8#



#20

cis-1,2-Dichloroethene

Concen: 189.935 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027628.D

Acq: 14 Dec 2023 14:28

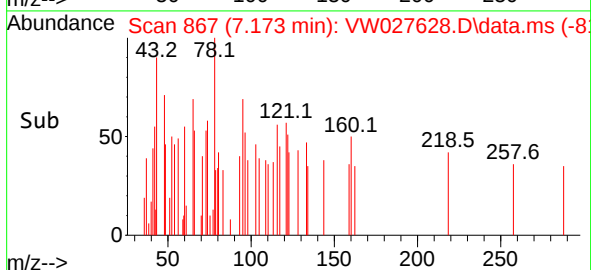
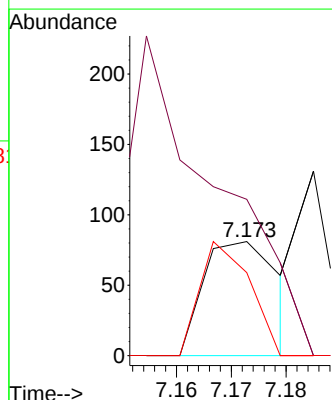
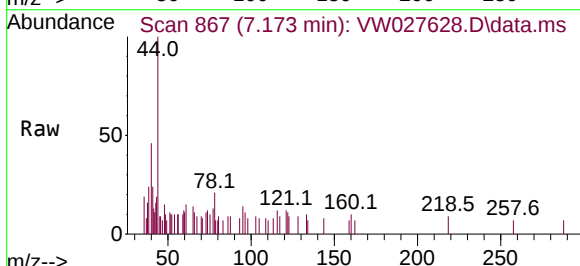
Tgt Ion: 96 Resp: 78

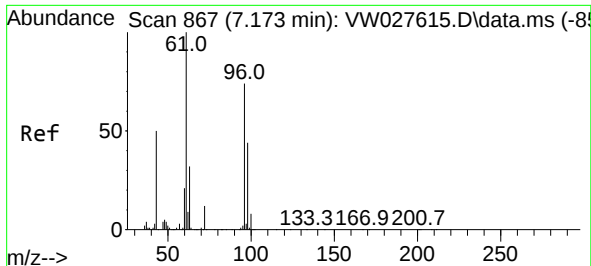
Ion Ratio Lower Upper

96 100

61 137.0 94.0 174.6

98 72.8 45.1 83.7

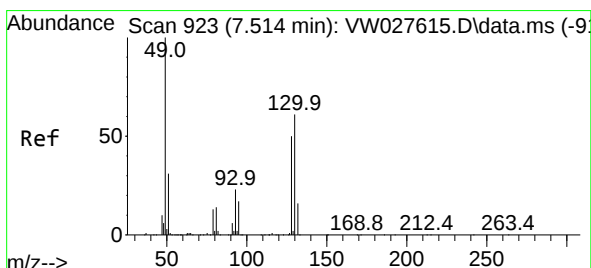
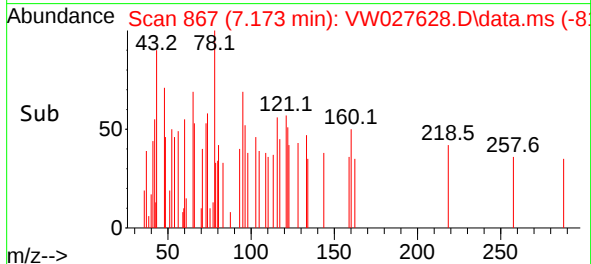
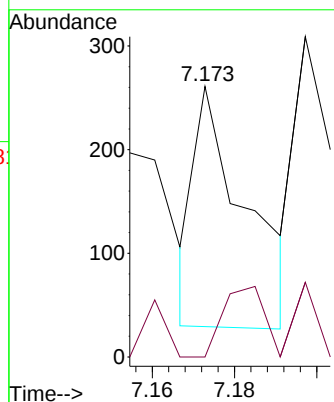
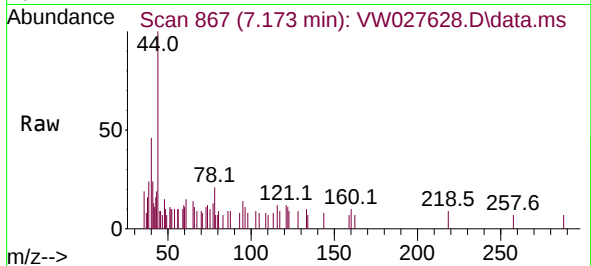




#22
2-Butanone
Concen: 1184.678 ug/L
RT: 7.173 min Scan# 80
Delta R.T. 0.000 min
Lab File: VW027628.D
Acq: 14 Dec 2023 14:28

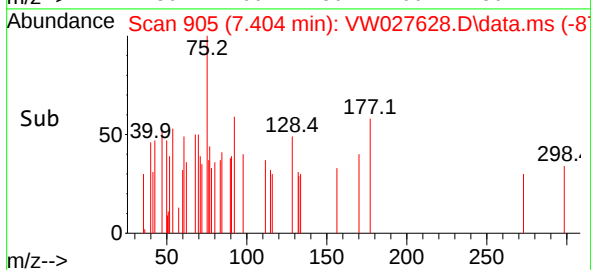
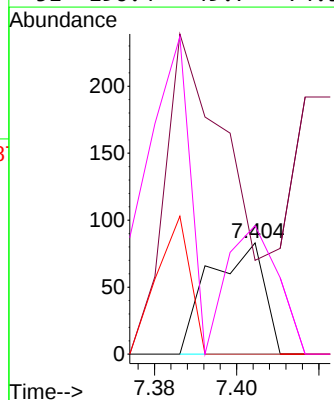
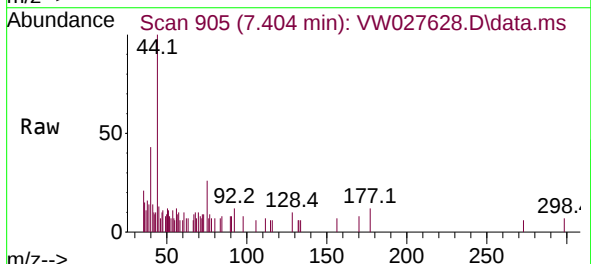
Instrument :
MSVOA_W
ClientSampleId :
BGR30

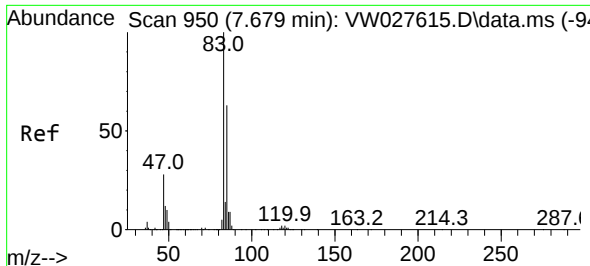
Tgt Ion: 43 Resp: 202
Ion Ratio Lower Upper
43 100
72 23.3 11.9 35.9



#23
Bromochloromethane
Concen: 470.521 ug/L
RT: 7.404 min Scan# 905
Delta R.T. -0.110 min
Lab File: VW027628.D
Acq: 14 Dec 2023 14:28

Tgt Ion: 128 Resp: 76
Ion Ratio Lower Upper
128 100
49 84.3 137.8 256.0#
130 0.0 91.2 169.4#
51 196.4 49.7 74.5#

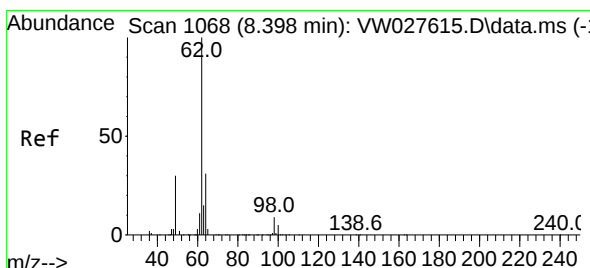
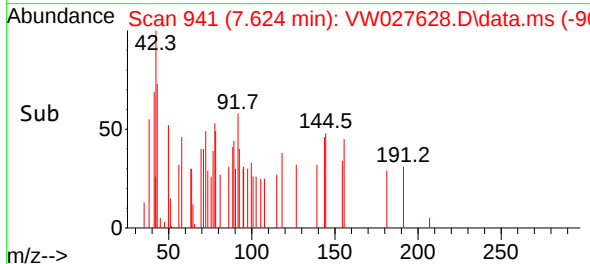
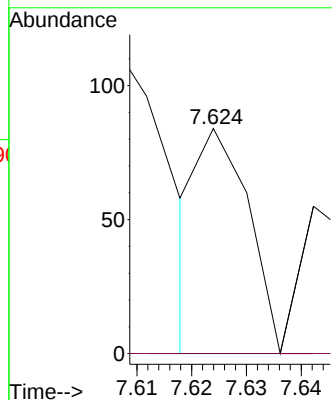
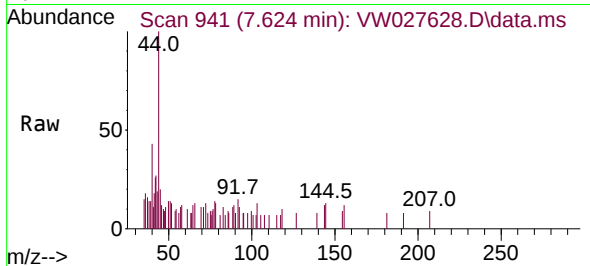




#25
Chloroform
Concen: 75.060 ug/L
RT: 7.624 min Scan# 941
Delta R.T. -0.055 min
Lab File: VW027628.D
Acq: 14 Dec 2023 14:28

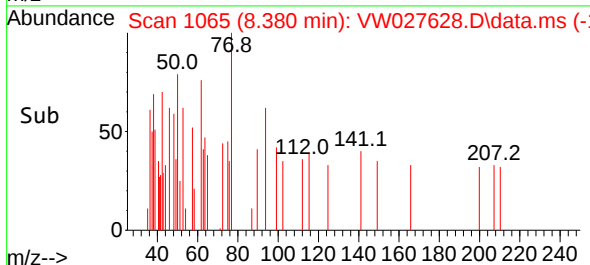
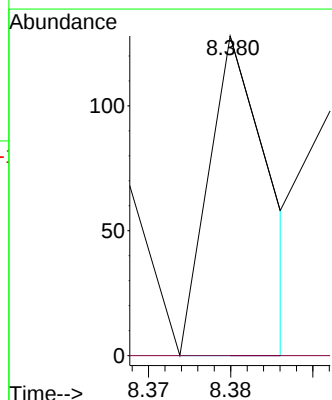
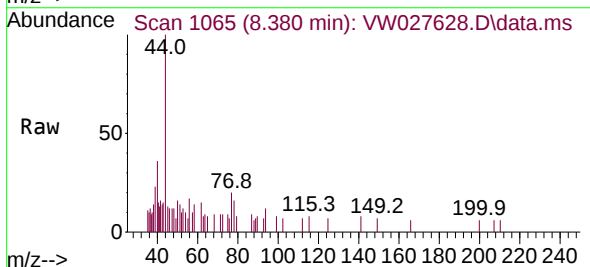
Instrument :
MSVOA_W
ClientSampleId :
BGR30

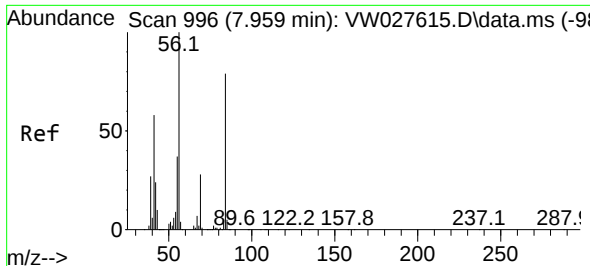
Tgt Ion: 83 Resp: 53
Ion Ratio Lower Upper
83 100
85 79.8 49.8 92.6



#27
1,2-Dichloroethane
Concen: 149.004 ug/L
RT: 8.380 min Scan# 1065
Delta R.T. -0.018 min
Lab File: VW027628.D
Acq: 14 Dec 2023 14:28

Tgt Ion: 62 Resp: 68
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#

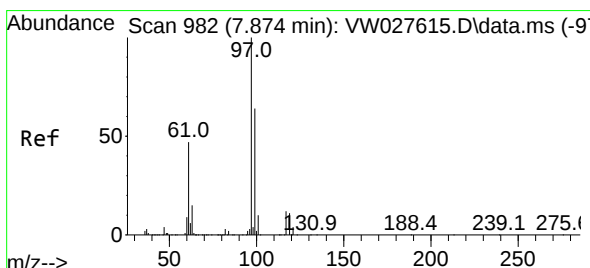
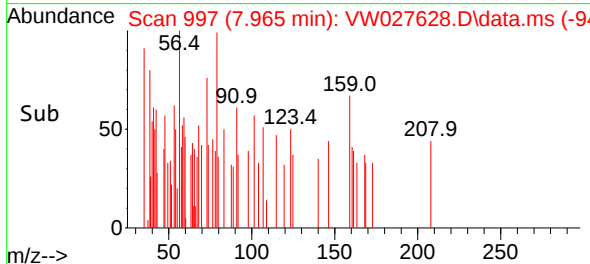
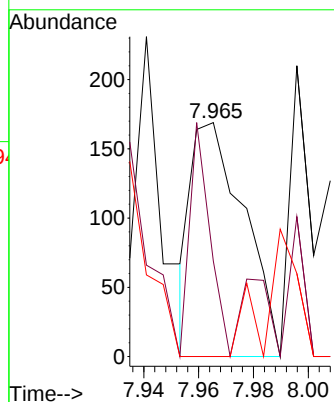
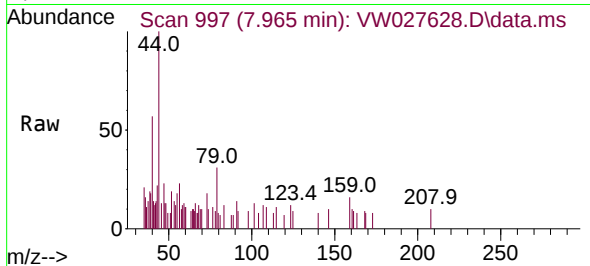




#29
Cyclohexane
Concen: 10.860 ug/L
RT: 7.965 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW027628.D
Acq: 14 Dec 2023 14:28

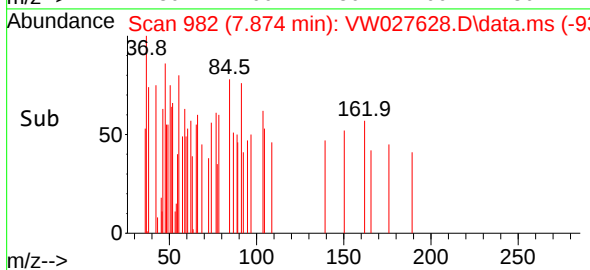
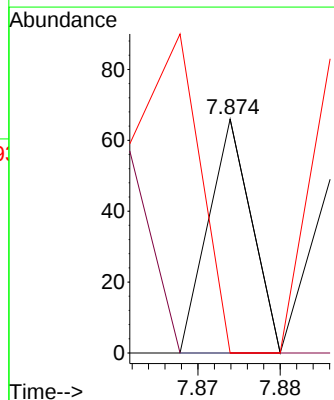
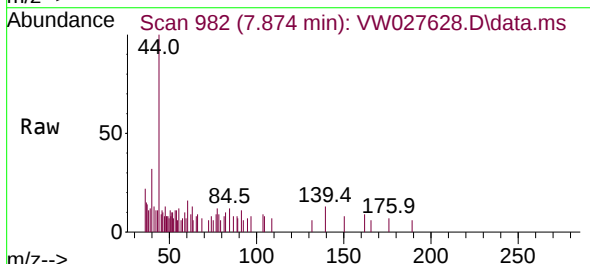
Instrument :
MSVOA_W
Client Sampled :
BGR30

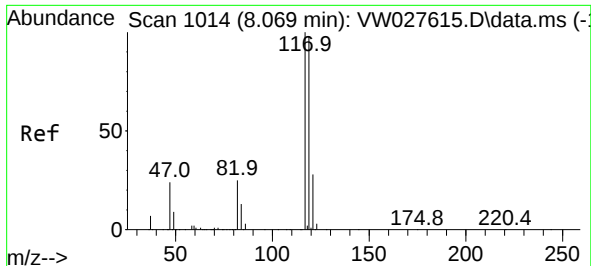
Tgt Ion:	56	Resp:	226
Ion	Ratio	Lower	Upper
56	100		
69	38.5	24.1	36.1#
84	0.0	65.0	97.4#



#30
1,1,1-Trichloroethane
Concen: 1.359 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027628.D
Acq: 14 Dec 2023 14:28

Tgt Ion:	97	Resp:	24
Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.5	75.7#
61	225.0	39.0	58.4#

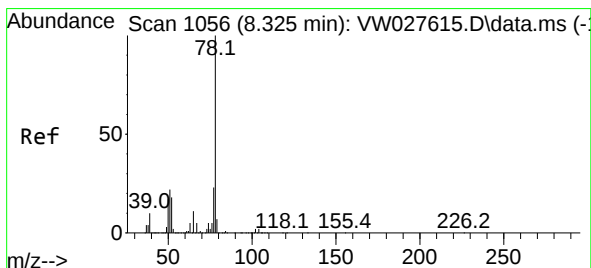
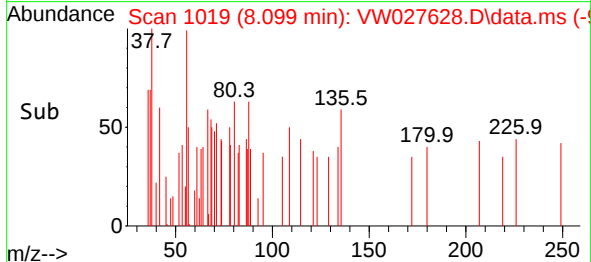
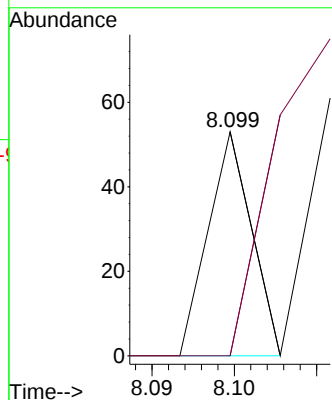
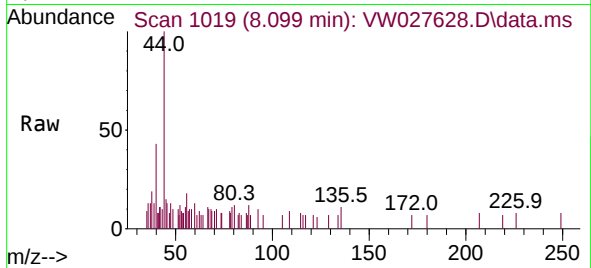




#31
Carbon tetrachloride
Concen: 1.234 ug/L
RT: 8.099 min Scan# 1014
Delta R.T. 0.031 min
Lab File: VW027628.D
Acq: 14 Dec 2023 14:28

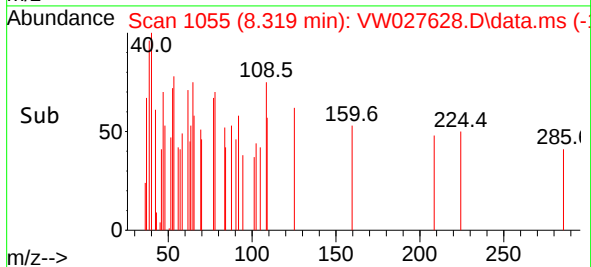
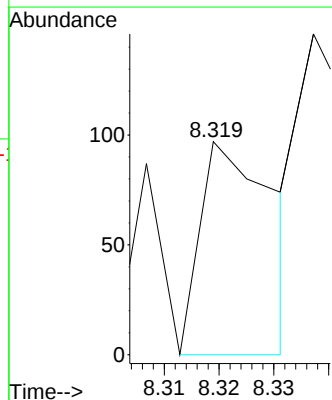
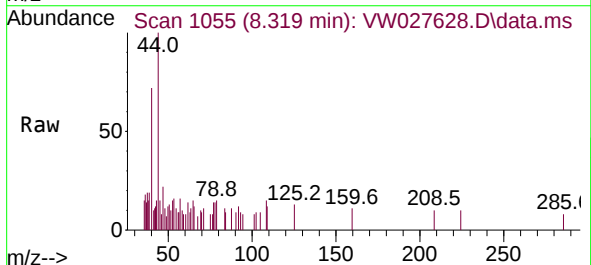
Instrument :
MSVOA_W
ClientSampleId :
BGR30

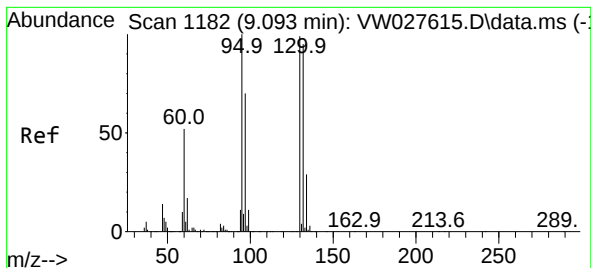
Tgt Ion:117 Resp: 19
Ion Ratio Lower Upper
117 100
119 342.1 77.0 115.6#



#33
Benzene
Concen: 2.106 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW027628.D
Acq: 14 Dec 2023 14:28

Tgt Ion: 78 Resp: 92





#34

Trichloroethene

Concen: 4.609 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW027628.D

Acq: 14 Dec 2023 14:28

Instrument :

MSVOA_W

ClientSampleId :

BGR30

Tgt Ion: 95 Resp: 55

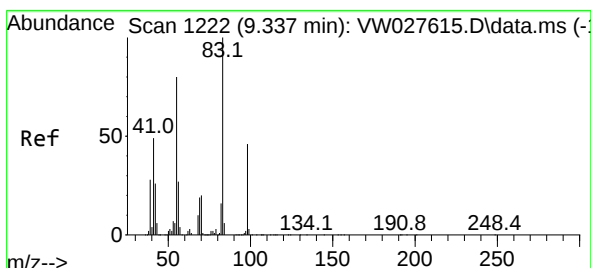
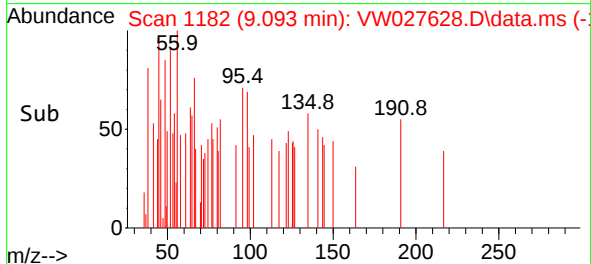
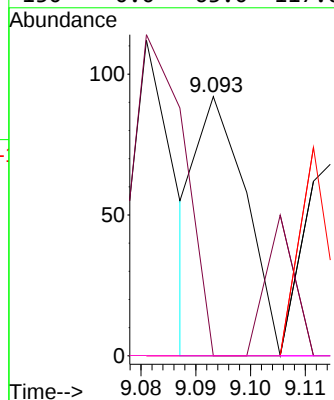
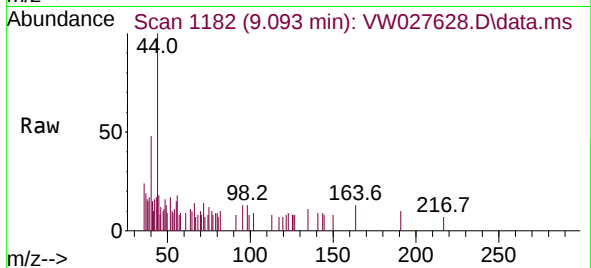
Ion Ratio Lower Upper

95 100

97 0.0 43.0 80.0#

132 0.0 64.1 119.1#

130 0.0 63.0 117.0#



#35

Methylcyclohexane

Concen: 2.777 ug/L

RT: 9.361 min Scan# 1226

Delta R.T. 0.024 min

Lab File: VW027628.D

Acq: 14 Dec 2023 14:28

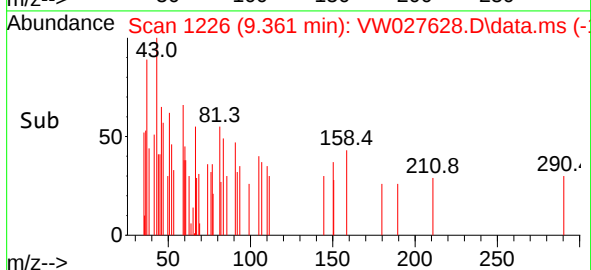
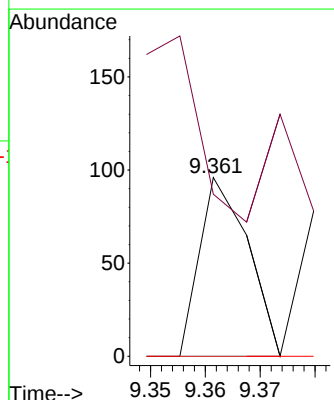
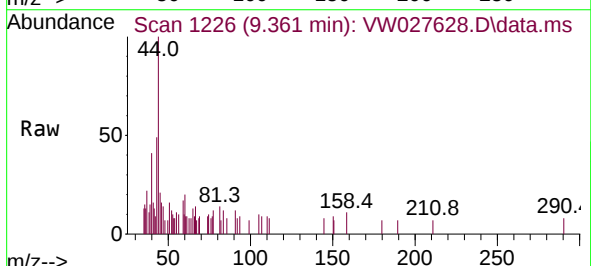
Tgt Ion: 83 Resp: 59

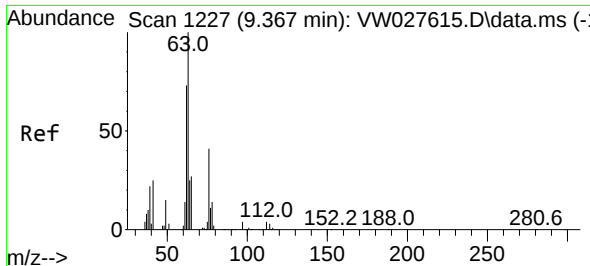
Ion Ratio Lower Upper

83 100

55 486.4 65.6 98.4#

98 0.0 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 9.796 ug/L

RT: 9.392 min Scan# 11

Delta R.T. 0.024 min

Lab File: VW027628.D

Acq: 14 Dec 2023 14:28

Instrument :

MSVOA_W

ClientSampleId :

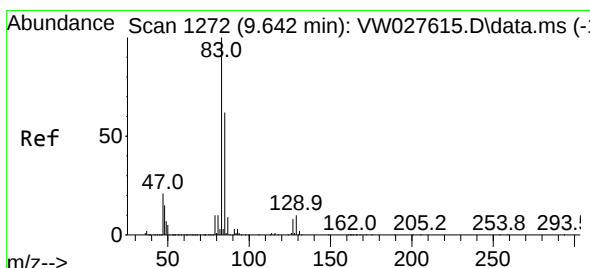
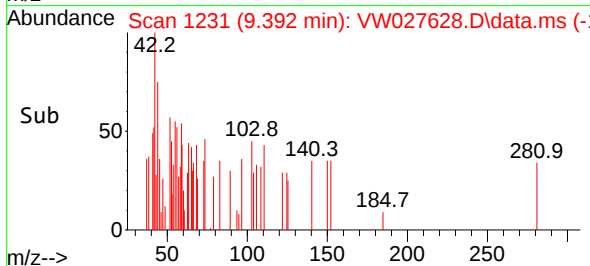
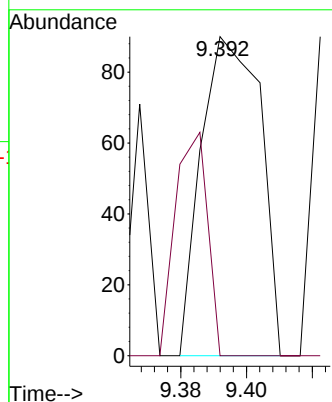
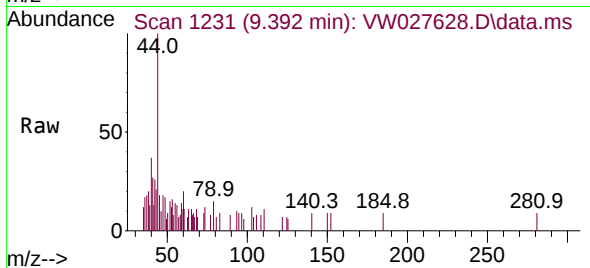
BGR30

Tgt Ion: 63 Resp: 113

Ion Ratio Lower Upper

63 100

112 38.1 3.6 5.4#



#38

Bromodichloromethane

Concen: 1.575 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027628.D

Acq: 14 Dec 2023 14:28

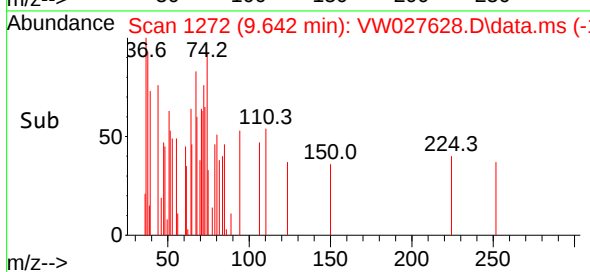
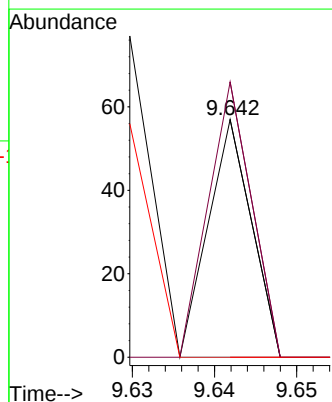
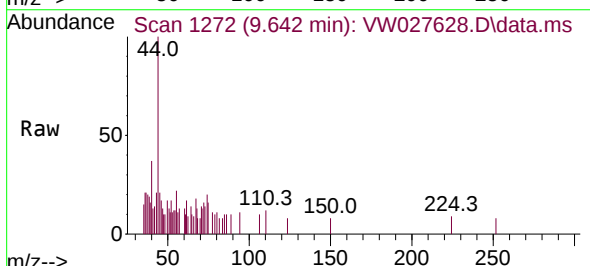
Tgt Ion: 83 Resp: 21

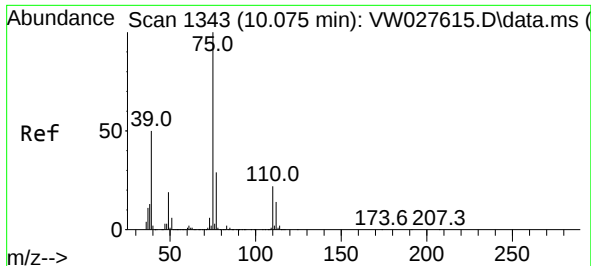
Ion Ratio Lower Upper

83 100

85 115.8 44.3 82.3#

127 0.0 5.3 7.9#





#39

cis-1,3-Dichloropropene

Concen: 4.744 ug/L

RT: 10.056 min Scan# 11

Delta R.T. -0.018 min

Lab File: VW027628.D

Acq: 14 Dec 2023 14:28

Instrument :

MSVOA_W

ClientSampleId :

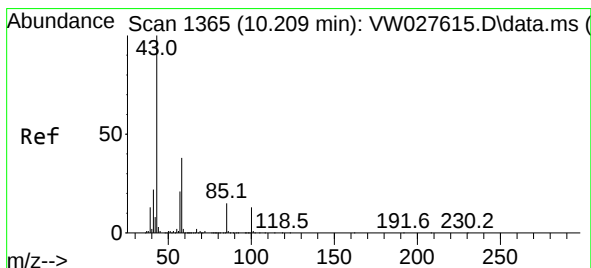
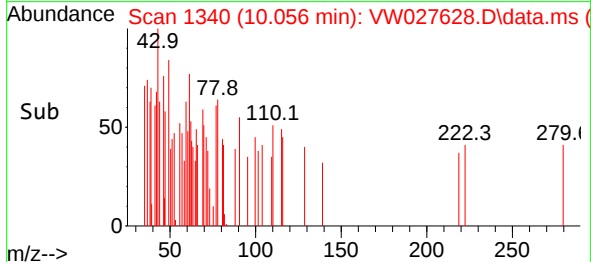
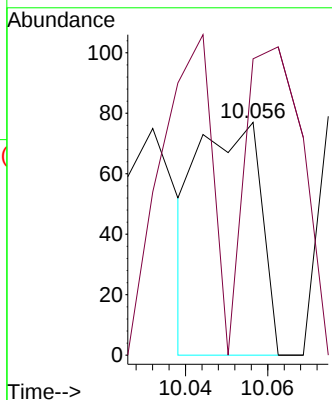
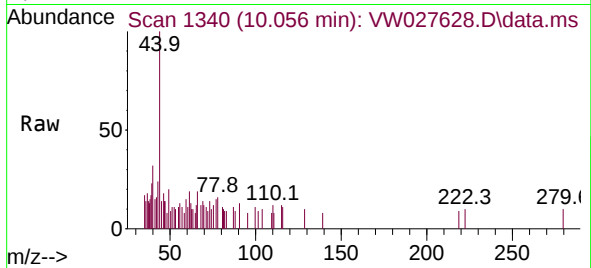
BGR30

Tgt Ion: 75 Resp: 79

Ion Ratio Lower Upper

75 100

77 127.3 21.1 39.1#



#40

4-Methyl-2-pentanone

Concen: 18.982 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VW027628.D

Acq: 14 Dec 2023 14:28

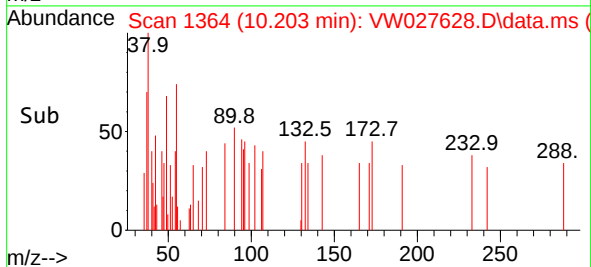
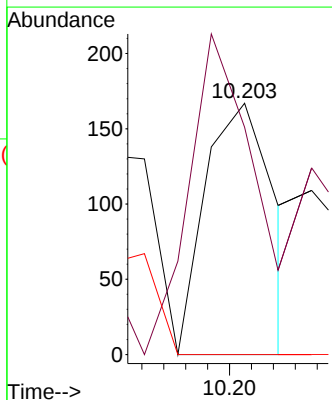
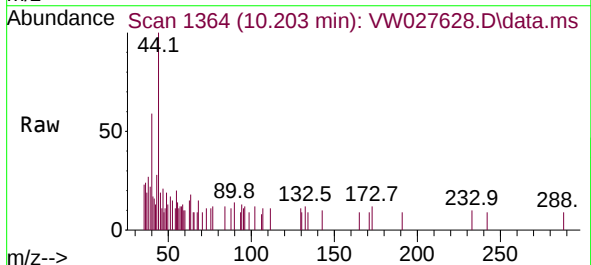
Tgt Ion: 43 Resp: 148

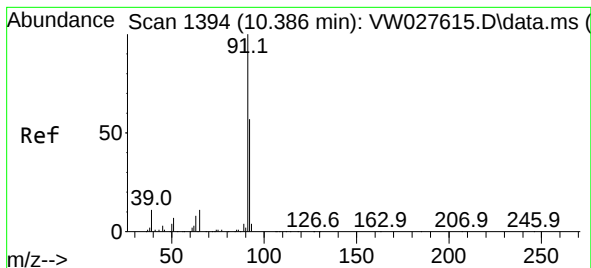
Ion Ratio Lower Upper

43 100

58 118.9 29.6 44.4#

100 32.4 11.1 16.7#





#42

Toluene

Concen: 4.242 ug/L

RT: 10.398 min Scan# 11

Delta R.T. 0.012 min

Lab File: VW027628.D

Acq: 14 Dec 2023 14:28

Instrument :

MSVOA_W

ClientSampleId :

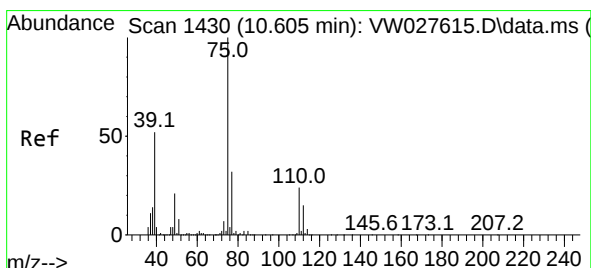
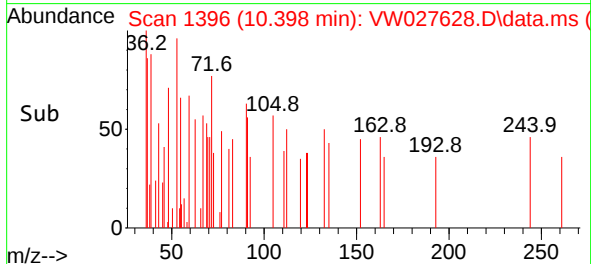
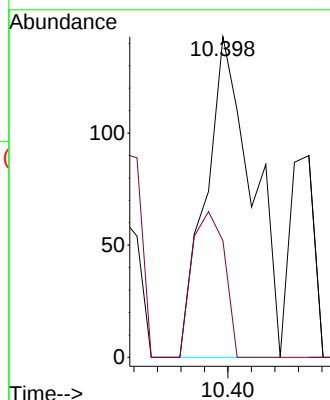
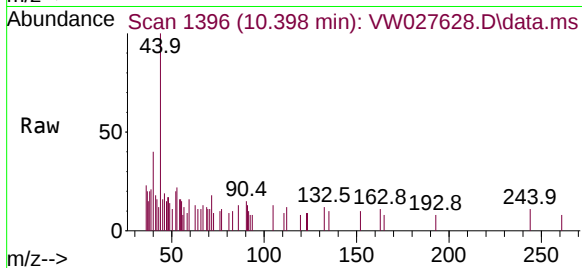
BGR30

Tgt Ion: 91 Resp: 196

Ion Ratio Lower Upper

91 100

92 36.4 41.4 76.8#



#44

trans-1,3-Dichloropropene

Concen: 1.414 ug/L

RT: 10.599 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VW027628.D

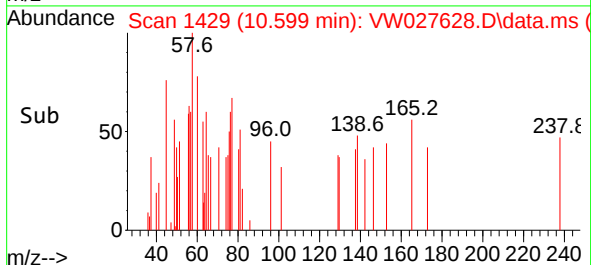
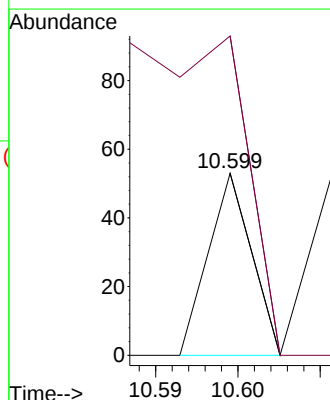
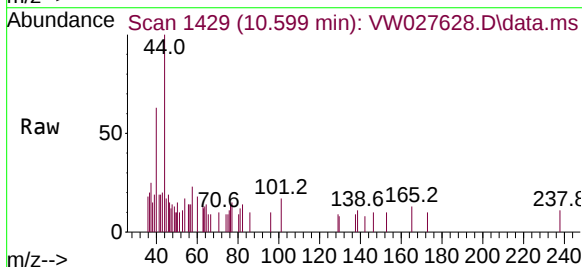
Acq: 14 Dec 2023 14:28

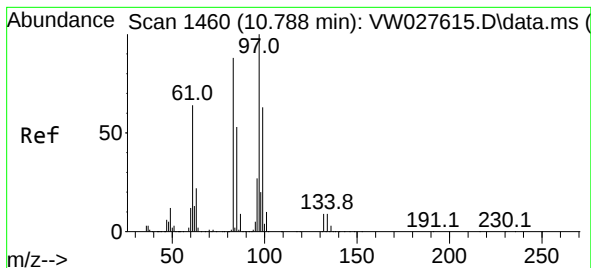
Tgt Ion: 75 Resp: 19

Ion Ratio Lower Upper

75 100

77 76.2 23.7 44.1#





#45

1,1,2-Trichloroethane

Concen: 13.942 ug/L

RT: 10.794 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VW027628.D

Acq: 14 Dec 2023 14:28

Instrument :

MSVOA_W

ClientSampleId :

BGR30

Tgt Ion: 97 Resp: 112

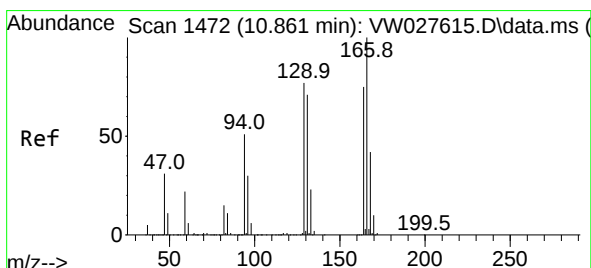
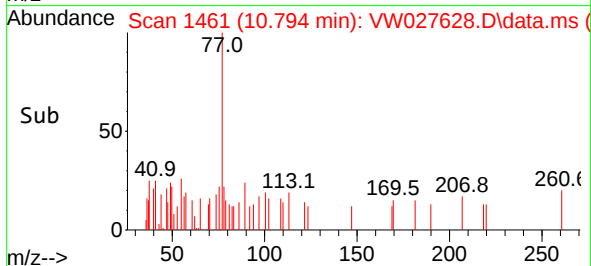
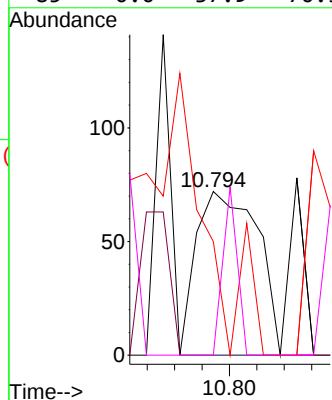
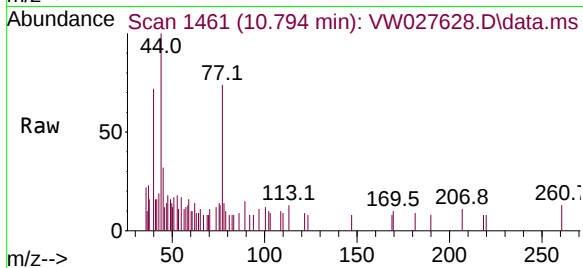
Ion Ratio Lower Upper

97 100

99 0.0 42.8 79.4#

83 69.4 59.9 111.3

85 0.0 37.9 70.5#



#46

Tetrachloroethene

Concen: 4.349 ug/L

RT: 10.587 min Scan# 1427

Delta R.T. -0.274 min

Lab File: VW027628.D

Acq: 14 Dec 2023 14:28

Tgt Ion:164 Resp: 37

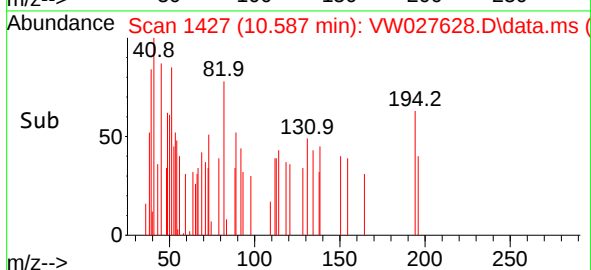
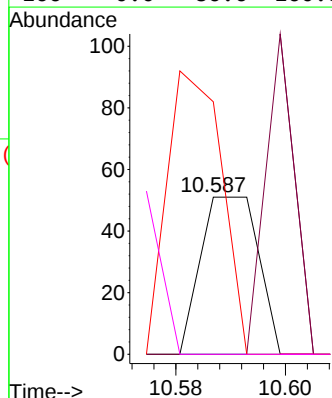
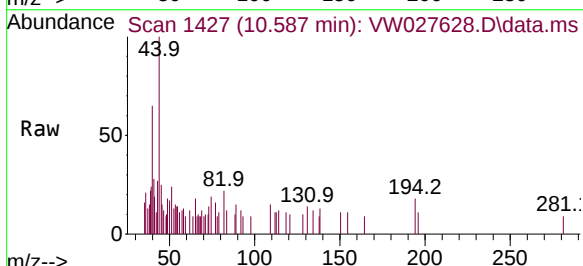
Ion Ratio Lower Upper

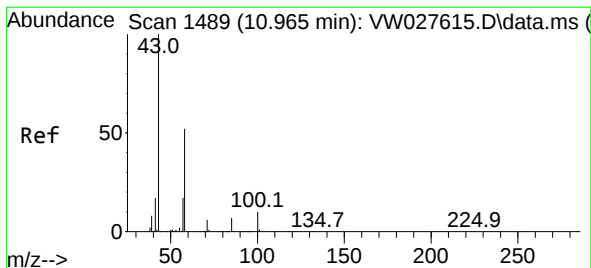
164 100

129 0.0 71.0 131.8#

131 160.8 61.2 113.6#

166 0.0 86.6 160.8#





#48

2-Hexanone

Concen: 59.872 ug/L

RT: 10.989 min Scan# 14

Delta R.T. 0.024 min

Lab File: VW027628.D

Acq: 14 Dec 2023 14:28

Instrument :

MSVOA_W

ClientSampleId :

BGR30

Tgt Ion: 43 Resp: 329

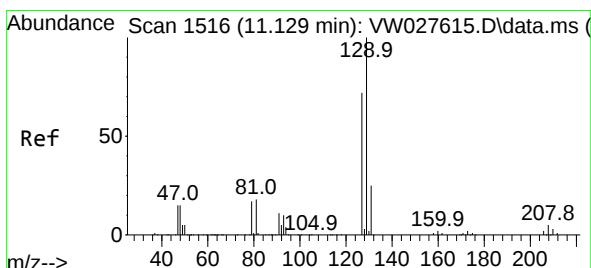
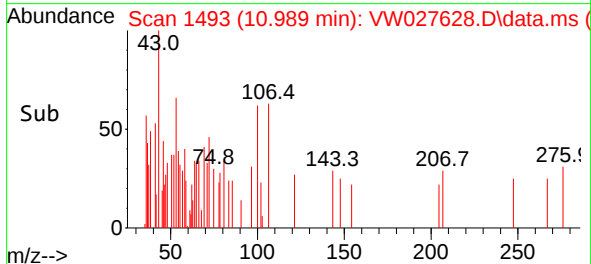
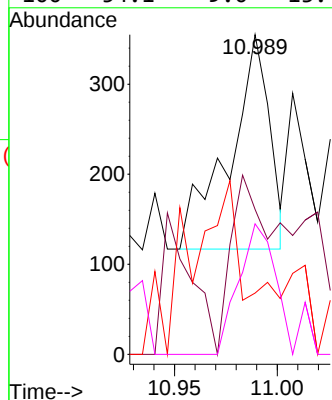
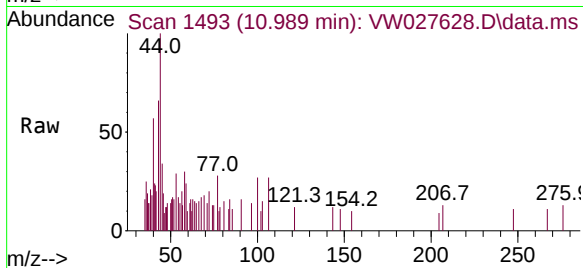
Ion Ratio Lower Upper

43 100

58 67.8 40.8 61.2#

57 12.2 14.8 22.2#

100 54.1 9.0 13.4#



#49

Dibromochloromethane

Concen: 2.896 ug/L

RT: 11.148 min Scan# 1519

Delta R.T. 0.018 min

Lab File: VW027628.D

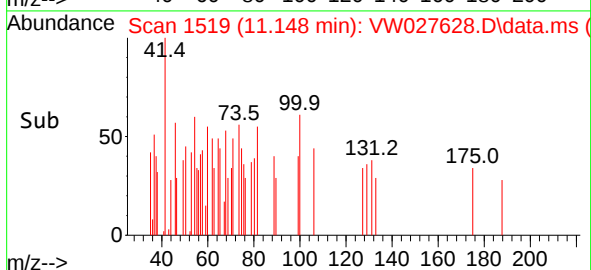
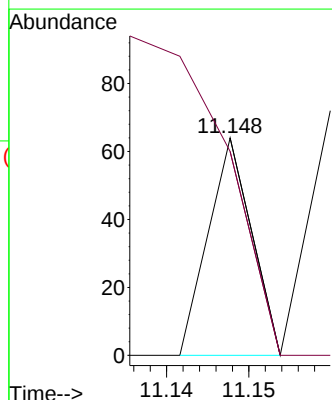
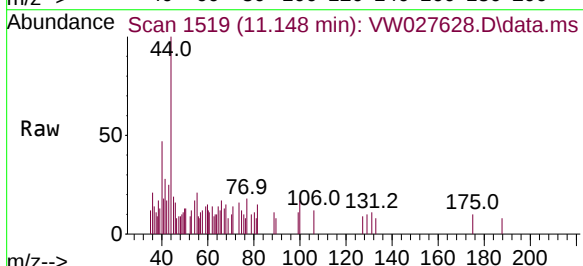
Acq: 14 Dec 2023 14:28

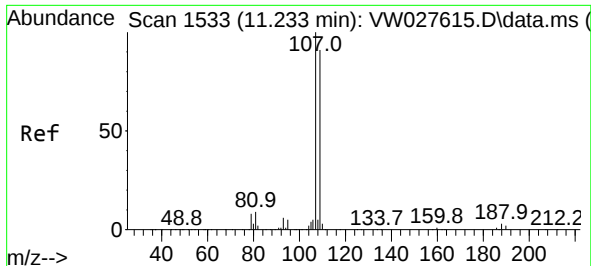
Tgt Ion:129 Resp: 23

Ion Ratio Lower Upper

129 100

127 93.8 52.3 97.1





#50

1,2-Dibromoethane

Concen: 6.531 ug/L

RT: 11.227 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW027628.D

Acq: 14 Dec 2023 14:28

Instrument :

MSVOA_W

ClientSampleId :

BGR30

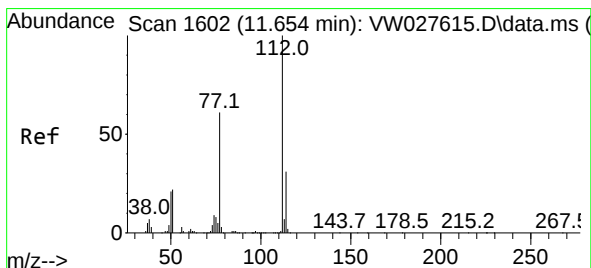
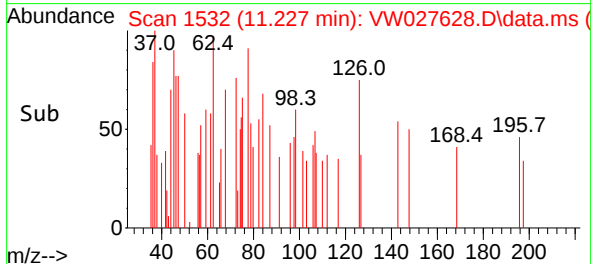
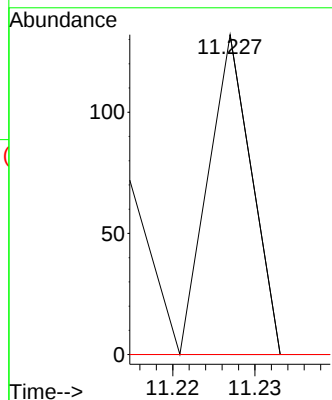
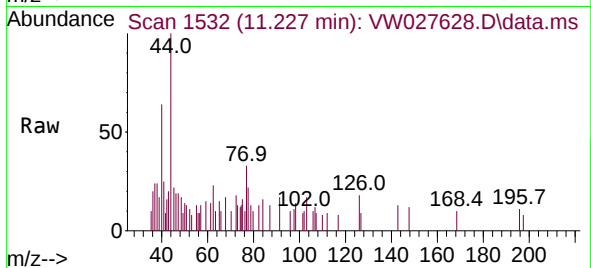
Tgt Ion:107 Resp: 48

Ion Ratio Lower Upper

107 100

109 0.0 64.8 120.3#

188 0.0 2.7 4.1#



#51

Chlorobenzene

Concen: 1.794 ug/L

RT: 11.672 min Scan# 1605

Delta R.T. 0.018 min

Lab File: VW027628.D

Acq: 14 Dec 2023 14:28

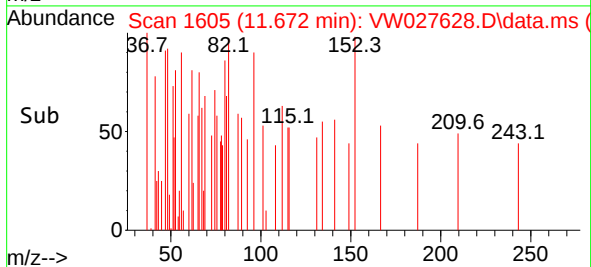
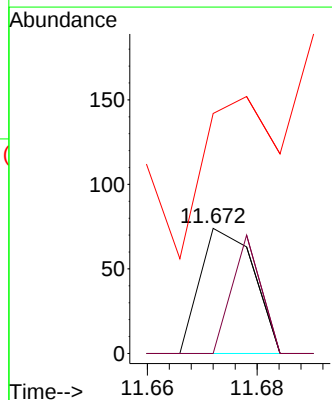
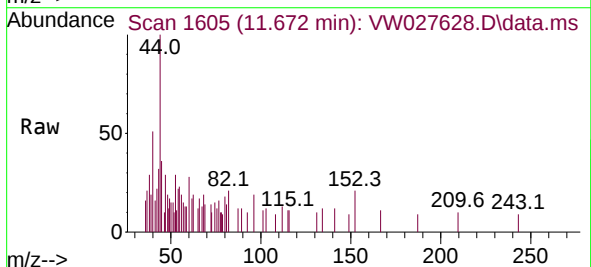
Tgt Ion:112 Resp: 50

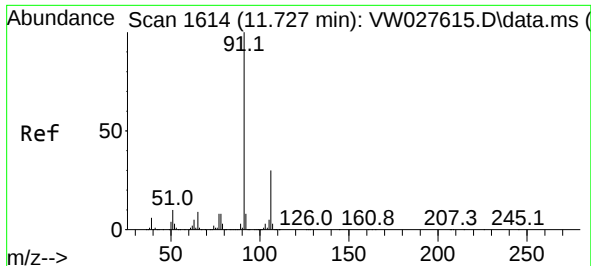
Ion Ratio Lower Upper

112 100

114 0.0 21.5 39.9#

77 191.9 50.6 76.0#

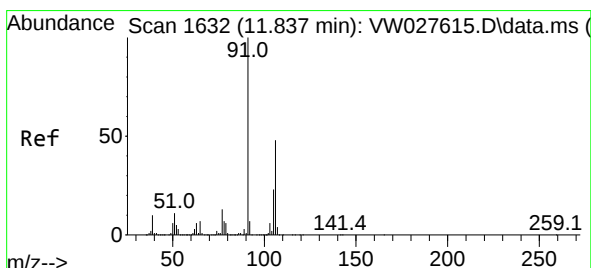
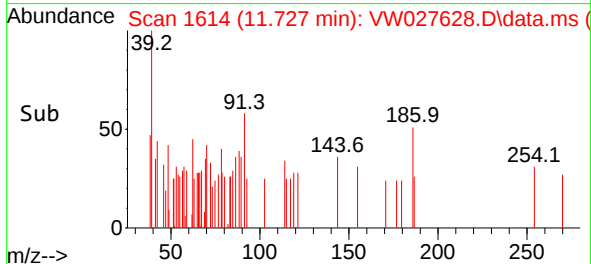
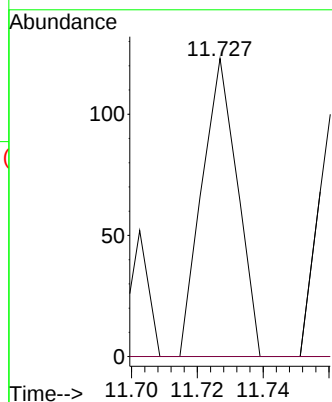
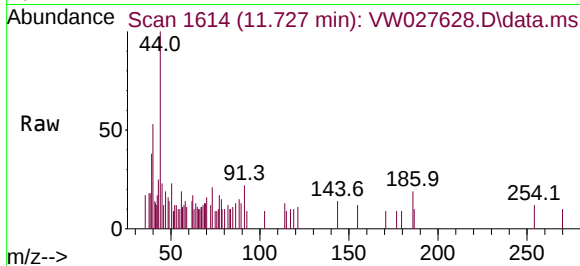




#52
Ethylbenzene
Concen: 1.772 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027628.D
Acq: 14 Dec 2023 14:28

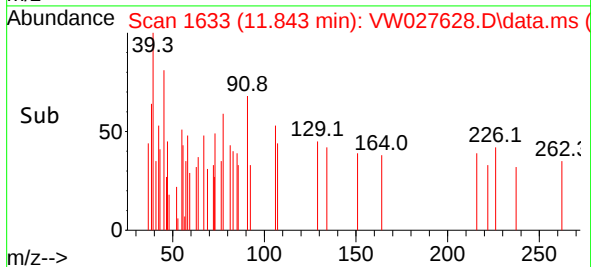
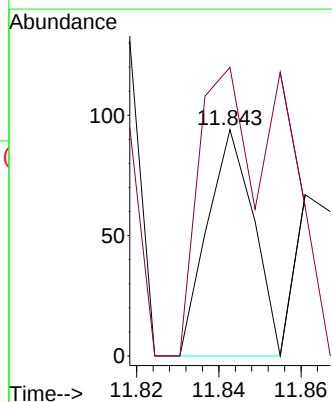
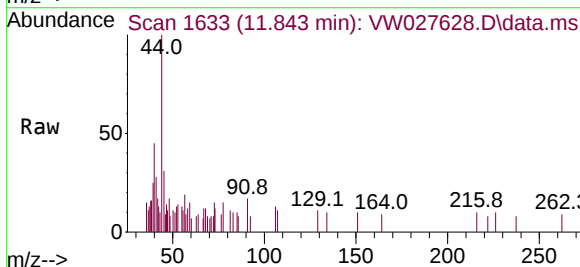
Instrument :
MSVOA_W
ClientSampleId :
BGR30

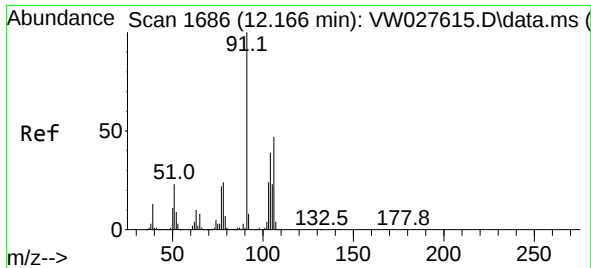
Tgt Ion: 91 Resp: 93
Ion Ratio Lower Upper
91 100
106 0.0 19.5 36.1#



#53
m,p-Xylene
Concen: 3.826 ug/L
RT: 11.843 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW027628.D
Acq: 14 Dec 2023 14:28

Tgt Ion:106 Resp: 74
Ion Ratio Lower Upper
106 100
91 127.7 142.1 263.9#

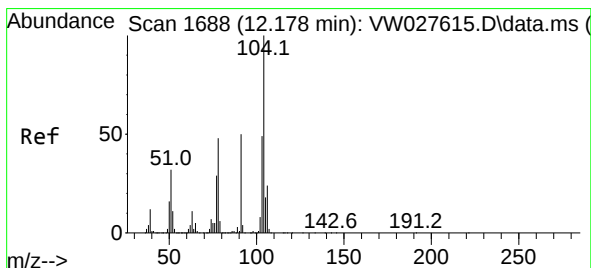
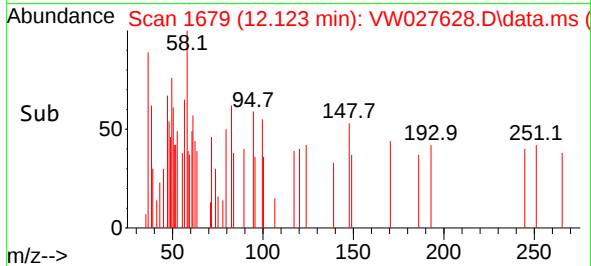
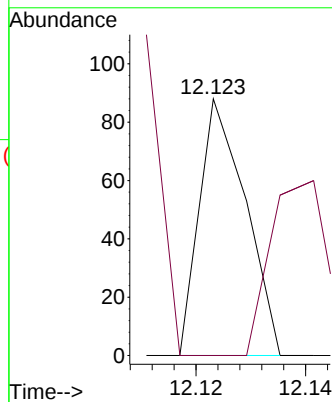
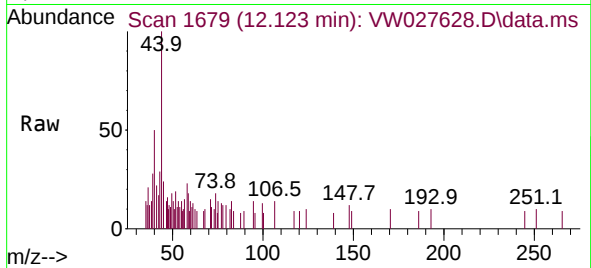




#54
o-Xylene
Concen: 2.958 ug/L
RT: 12.123 min Scan# 1679
Delta R.T. -0.043 min
Lab File: VW027628.D
Acq: 14 Dec 2023 14:28

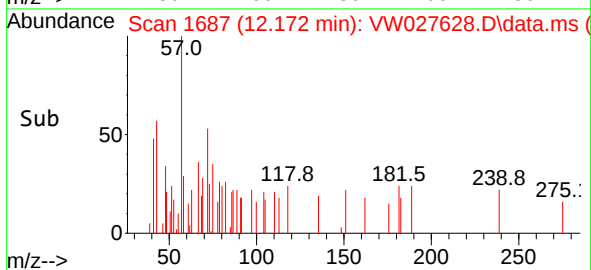
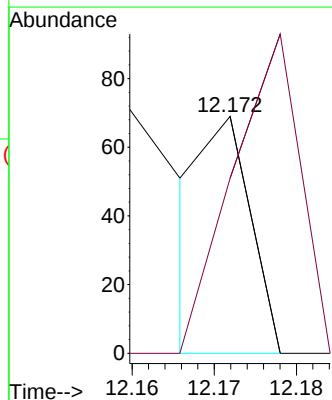
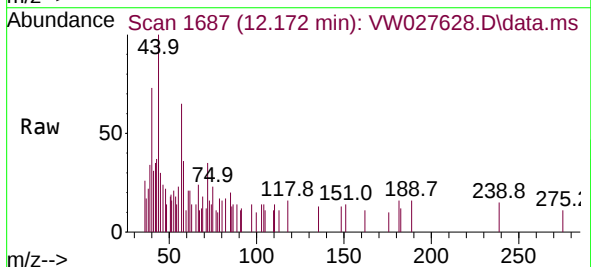
Instrument :
MSVOA_W
ClientSampleId :
BGR30

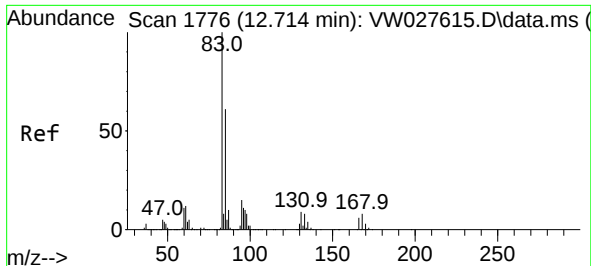
Tgt Ion:106 Resp: 52
Ion Ratio Lower Upper
106 100
91 0.0 158.8 295.0#



#55
Styrene
Concen: 0.833 ug/L
RT: 12.172 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VW027628.D
Acq: 14 Dec 2023 14:28

Tgt Ion:104 Resp: 25
Ion Ratio Lower Upper
104 100
78 194.2 33.9 62.9#





#57

1,1,2,2-Tetrachloroethane

Concen: 5.450 ug/L

RT: 12.702 min Scan# 1

Delta R.T. -0.012 min

Lab File: VW027628.D

Acq: 14 Dec 2023 14:28

Instrument :

MSVOA_W

ClientSampleId :

BGR30

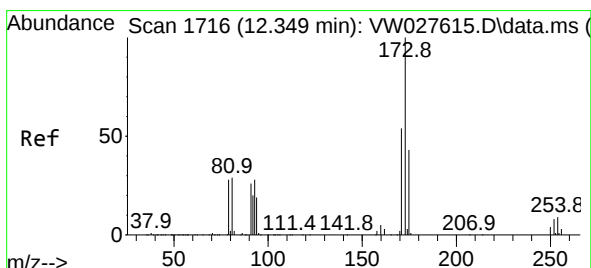
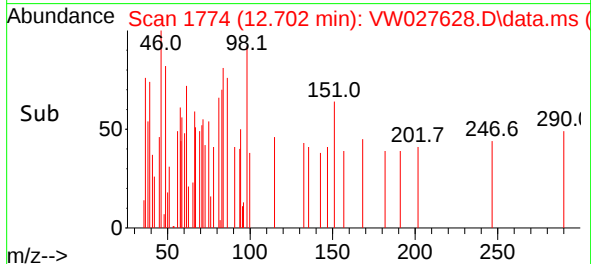
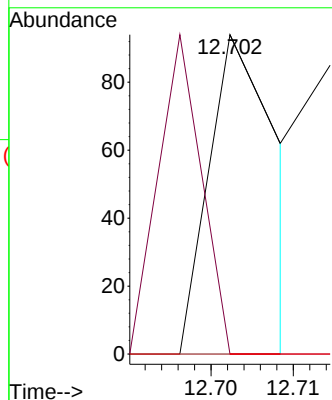
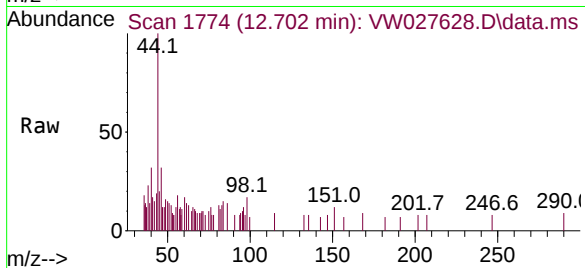
Tgt Ion: 83 Resp: 57

Ion Ratio Lower Upper

83 100

85 0.0 41.9 77.7#

131 0.0 7.0 10.6#



#59

Bromoform

Concen: 2.530 ug/L

RT: 12.556 min Scan# 1750

Delta R.T. 0.207 min

Lab File: VW027628.D

Acq: 14 Dec 2023 14:28

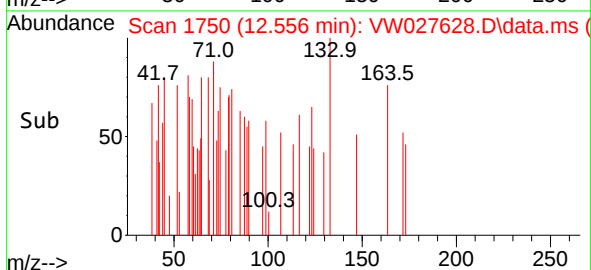
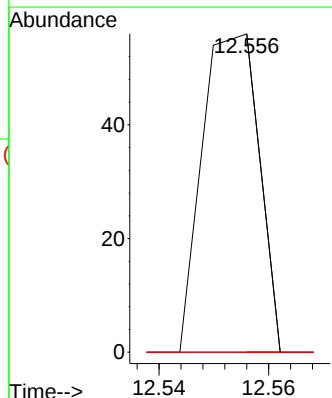
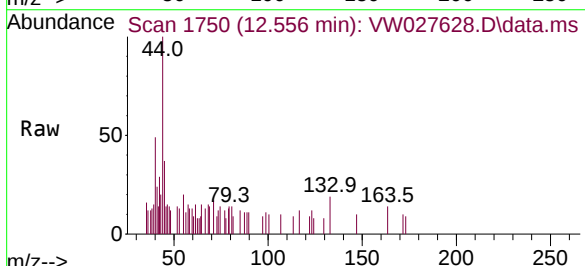
Tgt Ion:173 Resp: 40

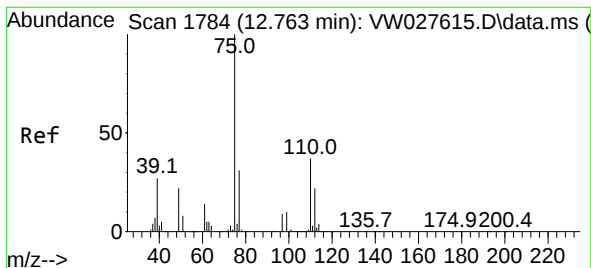
Ion Ratio Lower Upper

173 100

175 150.0 39.4 59.0#

254 0.0 7.8 11.8#





#61

1,2,3-Trichloropropane

Concen: 19.867 ug/L

RT: 12.769 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027628.D

Acq: 14 Dec 2023 14:28

Instrument :

MSVOA_W

ClientSampleId :

BGR30

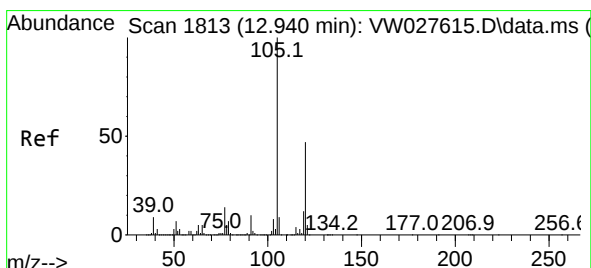
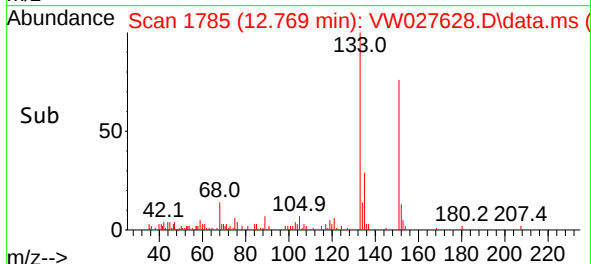
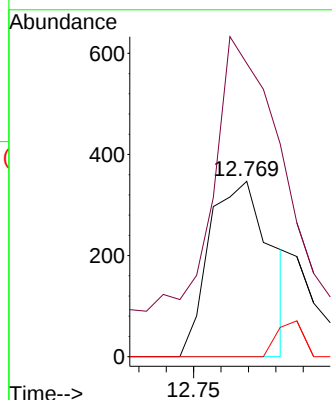
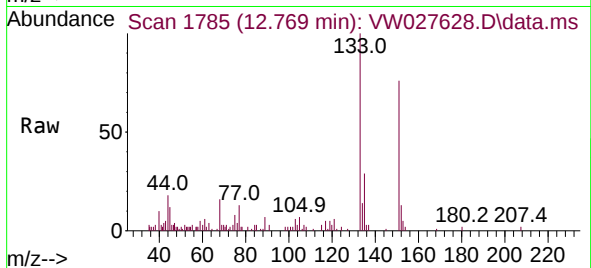
Tgt Ion: 75 Resp: 541

Ion Ratio Lower Upper

75 100

77 243.8 26.6 39.8#

110 8.7 30.2 45.4#



#62

1,3,5-Trimethylbenzene

Concen: 2.749 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. -0.171 min

Lab File: VW027628.D

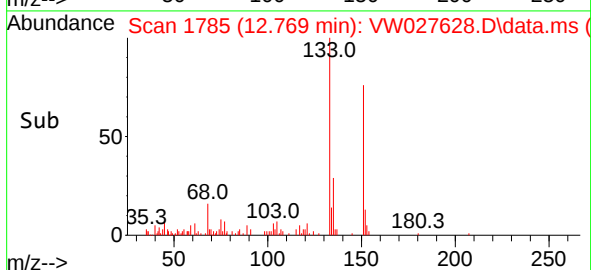
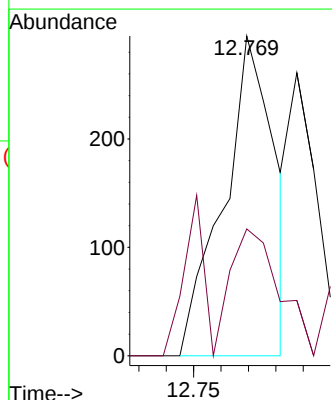
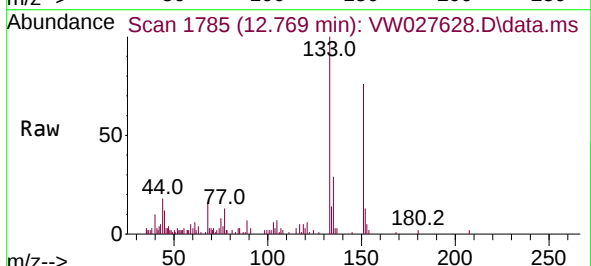
Acq: 14 Dec 2023 14:28

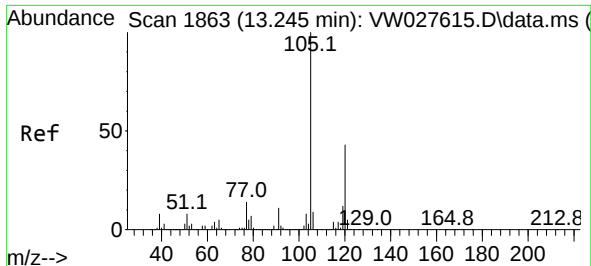
Tgt Ion: 105 Resp: 379

Ion Ratio Lower Upper

105 100

120 38.8 38.7 58.1

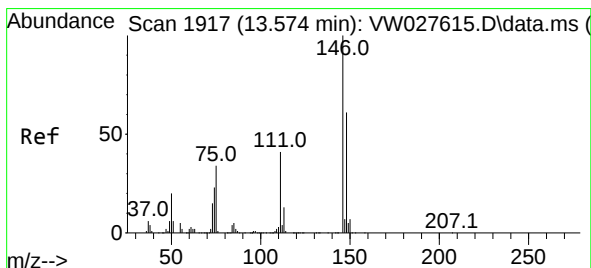
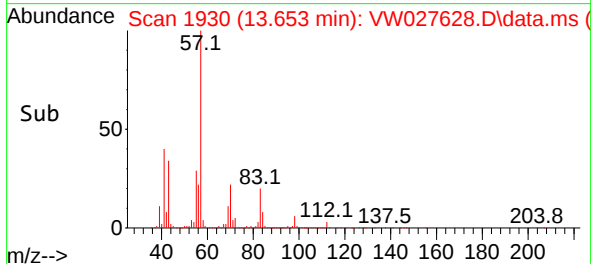
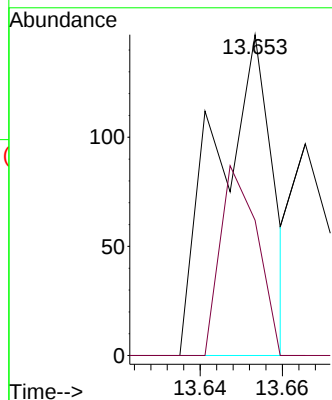
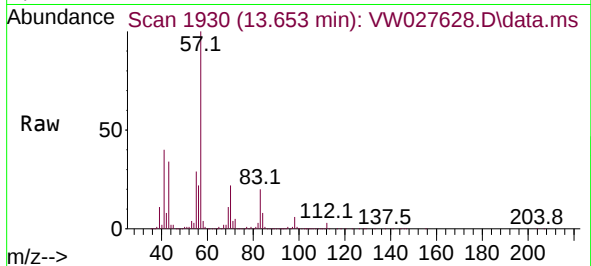




#63
1,2,4-Trimethylbenzene
Concen: 1.049 ug/L
RT: 13.653 min Scan# 1930
Delta R.T. 0.409 min
Lab File: VW027628.D
Acq: 14 Dec 2023 14:28

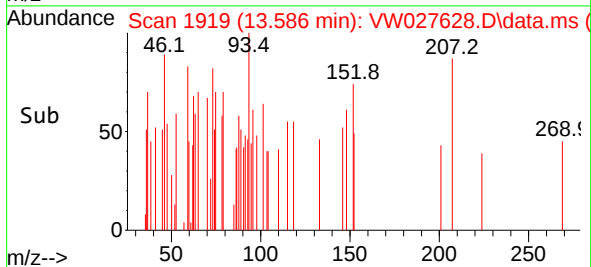
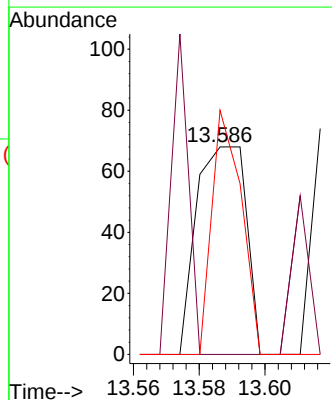
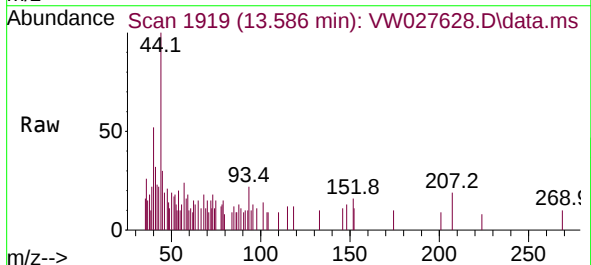
Instrument :
MSVOA_W
ClientSampleId :
BGR30

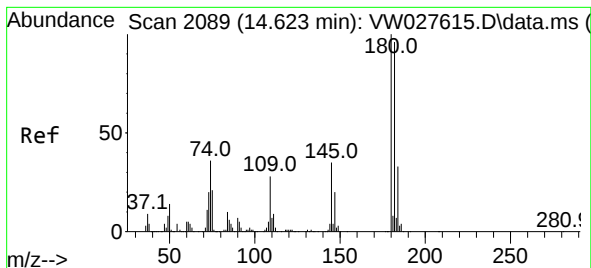
Tgt Ion:105 Resp: 144
Ion Ratio Lower Upper
105 100
120 37.5 36.9 55.3



#65
1,4-Dichlorobenzene
Concen: 0.997 ug/L
RT: 13.586 min Scan# 1919
Delta R.T. 0.012 min
Lab File: VW027628.D
Acq: 14 Dec 2023 14:28

Tgt Ion:146 Resp: 71
Ion Ratio Lower Upper
146 100
111 0.0 28.9 53.7#
148 117.6 44.9 83.5#





#69

1,3,5-Trichlorobenzene

Concen: 0.896 ug/L

RT: 14.556 min Scan# 2089

Delta R.T. -0.067 min

Lab File: VW027628.D

Acq: 14 Dec 2023 14:28

Instrument :

MSVOA_W

ClientSampleId :

BGR30

Tgt Ion:180 Resp: 43

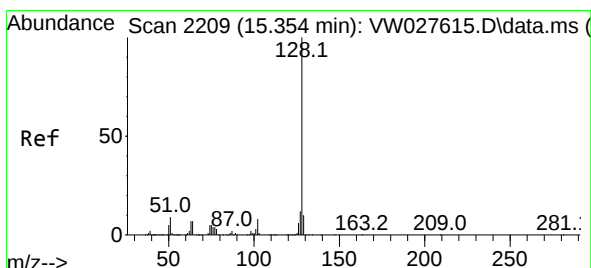
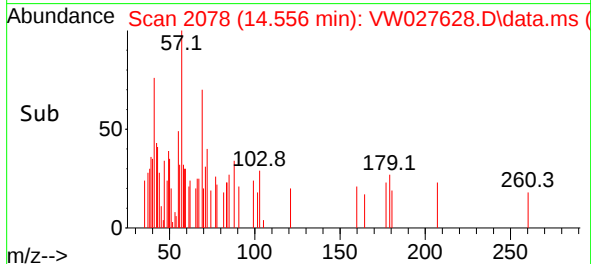
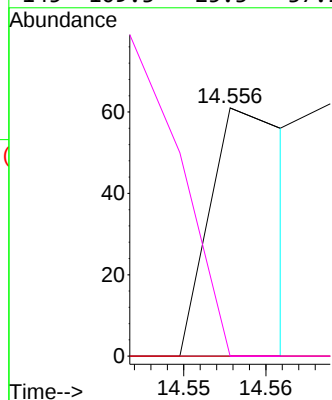
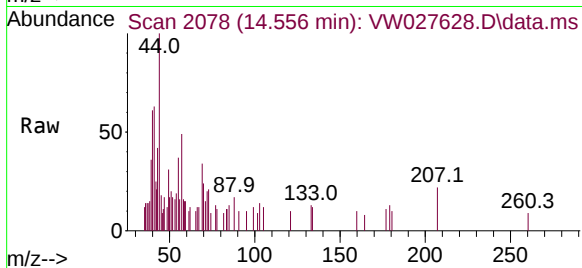
Ion Ratio Lower Upper

180 100

182 0.0 73.2 109.8#

184 0.0 25.4 38.2#

145 109.3 25.3 37.9#



#71

Naphthalene

Concen: 5.279 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW027628.D

Acq: 14 Dec 2023 14:28

Tgt Ion:128 Resp: 414

Ion Ratio Lower Upper

128 100

127 19.1 10.3 15.5#

129 18.1 8.6 12.8#

