

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121322\
 Data File : WV029664.D
 Acq On : 13 Dec 2022 20:20
 Operator : SY/MD
 Sample : N5950-06MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EYF51MS

Quant Time: Dec 13 22:54:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 22:49:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	401656	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	370347	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	214509	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	125910	51.192	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 102.380%	
7) Chloroethane-d5	1.561	69	100371	53.517	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 107.040%	
11) 1,1-Dichloroethene-d2	2.105	63	206876	53.926	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 107.860%	
21) 2-Butanone-d5	3.873	46	158178	105.424	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 105.420%	
24) Chloroform-d	4.339	84	227966	49.253	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 98.500%	
26) 1,2-Dichloroethane-d4	5.024	65	131402	49.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 99.420%	
32) Benzene-d6	5.043	84	475973	48.639	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 97.280%	
36) 1,2-Dichloropropane-d6	6.063	67	143209	47.910	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 95.820%	
41) Toluene-d8	7.307	98	439668	47.684	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 95.360%	
43) trans-1,3-Dichloroprop...	7.613	79	61346	40.643	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 81.280%	
47) 2-Hexanone-d5	8.082	63	133181	104.339	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 104.340%	
56) 1,1,2,2-Tetrachloroeth...	10.204	84	211923	49.614	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 99.220%	
66) 1,2-Dichlorobenzene-d4	11.612	152	186317	45.628	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 91.260%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	137609	43.495	ug/L	100
3) Chloromethane	1.240	50	156122	43.281	ug/L	100
5) Vinyl chloride	1.311	62	147251	48.791	ug/L	98
6) Bromomethane	1.516	94	68887	56.727	ug/L	99
8) Chloroethane	1.581	64	86771	51.634	ug/L	100
9) Trichlorofluoromethane	1.751	101	179014	47.382	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	103917	49.500	ug/L	98
12) 1,1-Dichloroethene	2.114	96	103734	48.317	ug/L	84
13) Acetone	2.159	43	92118	94.245	ug/L	100
14) Carbon disulfide	2.291	76	302055	42.273	ug/L	99
15) Methyl Acetate	2.426	43	107358	48.209	ug/L	95
16) Methylene chloride	2.500	84	123250	46.171	ug/L	96
17) trans-1,2-Dichloroethene	2.754	96	113849	46.022	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	346172	45.674	ug/L	99
19) 1,1-Dichloroethane	3.182	63	200241	47.250	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	124405	45.734	ug/L	94
22) 2-Butanone	3.957	43	149818	96.329	ug/L	97
23) Bromochloromethane	4.240	128	64818	46.275	ug/L	90
25) Chloroform	4.365	83	207255	47.173	ug/L	98

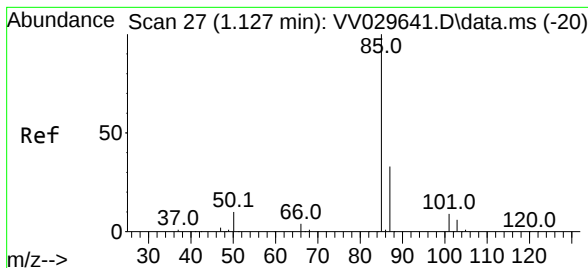
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121322\
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	148939	47.989	ug/L	99
29) Cyclohexane	4.671	56	174070	43.389	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	178081	44.135	ug/L	99
31) Carbon tetrachloride	4.822	117	153072	43.443	ug/L	100
33) Benzene	5.092	78	479529	45.936	ug/L	100
34) Trichloroethene	5.908	95	117737	45.009	ug/L	98
35) Methylcyclohexane	6.124	83	197269	44.402	ug/L	99
37) 1,2-Dichloropropane	6.166	63	117121	46.485	ug/L	100
38) Bromodichloromethane	6.500	83	155101	44.593	ug/L	97
39) cis-1,3-Dichloropropene	7.021	75	160520	38.738	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	297638	99.079	ug/L	96
42) Toluene	7.381	91	506588	45.087	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	157843	40.224	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	120059	46.123	ug/L	98
46) Tetrachloroethene	7.966	164	95927	45.612	ug/L	97
48) 2-Hexanone	8.133	43	229995	100.211	ug/L	95
49) Dibromochloromethane	8.236	129	126419	43.989	ug/L	99
50) 1,2-Dibromoethane	8.342	107	118281	44.107	ug/L	98
51) Chlorobenzene	8.873	112	328954	46.235	ug/L	99
52) Ethylbenzene	9.002	91	535586	45.339	ug/L	100
53) m,p-Xylene	9.130	106	210177	44.954	ug/L	100
54) o-Xylene	9.535	106	207216	44.806	ug/L	100
55) Styrene	9.551	104	376970	46.905	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	195470	46.945	ug/L	99
59) Bromoform	9.722	173	93049	39.268	ug/L	100
60) Isopropylbenzene	9.921	105	543462	43.152	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	149307	45.093	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	467331	41.968	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	471582	42.723	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	266361	43.255	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	274106	43.799	ug/L	100
67) 1,2-Dichlorobenzene	11.632	146	276098	43.846	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	40442	39.298	ug/L	98
69) 1,3,5-Trichlorobenzene	12.632	180	208517	42.550	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	185377	42.540	ug/L	100
71) Naphthalene	13.490	128	432609	43.766	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	186526	43.701	ug/L	99

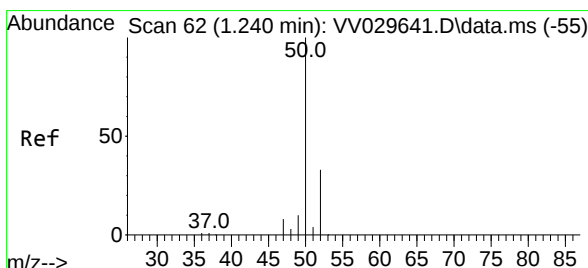
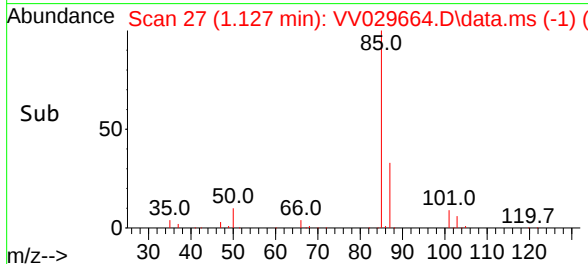
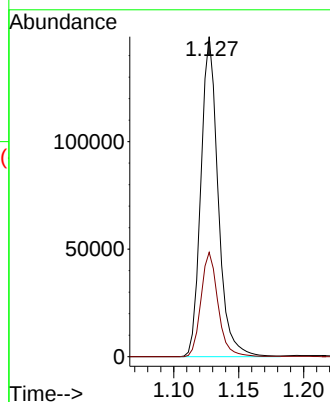
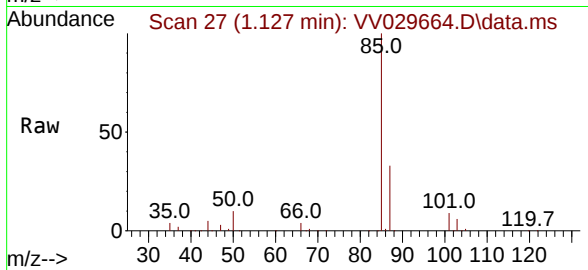
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 43.495 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029664.D
 Acq: 13 Dec 2022 20:20

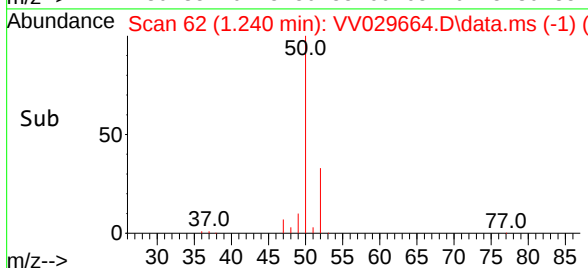
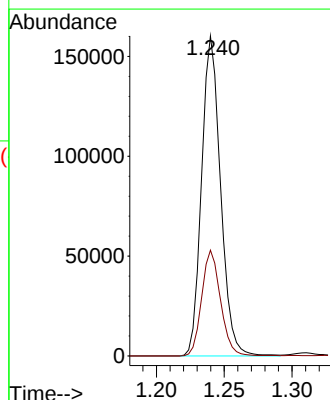
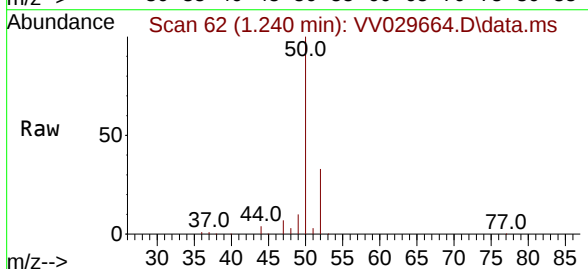
Instrument :
 MSVOA_V
 ClientSampleId :
 EYF51MS

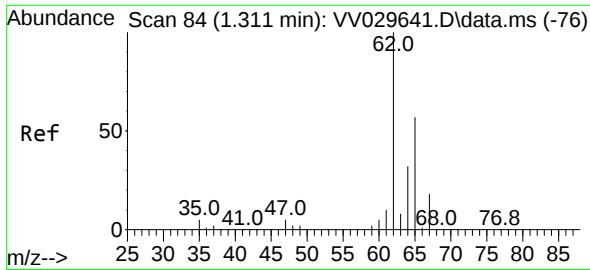
Tgt Ion: 85 Resp: 137609
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.9 38.9



#3
 Chloromethane
 Concen: 43.281 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029664.D
 Acq: 13 Dec 2022 20:20

Tgt Ion: 50 Resp: 156122
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.3 43.3

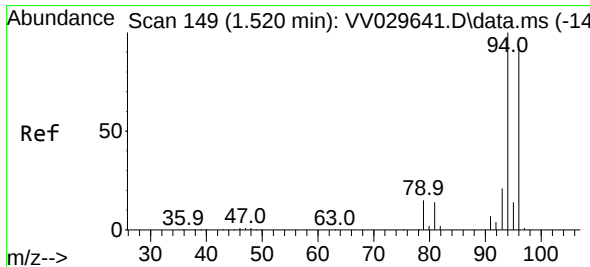
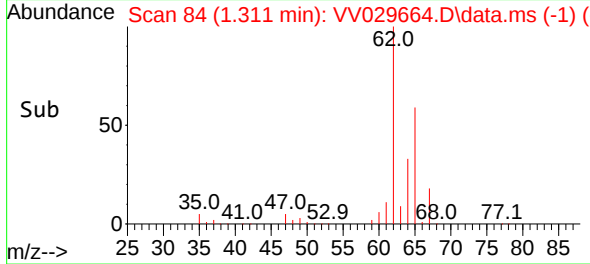
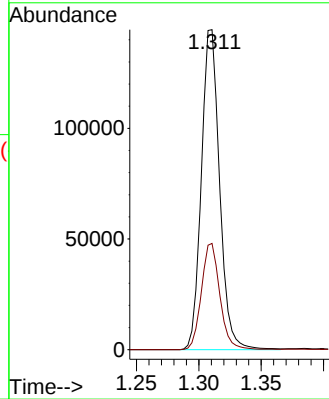
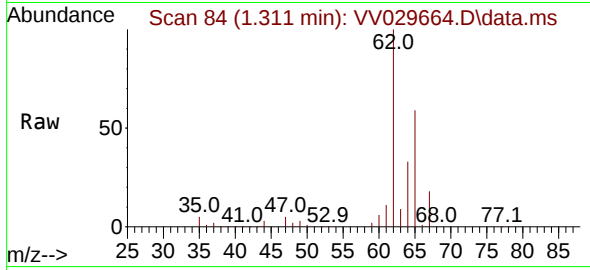




#5
 Vinyl chloride
 Concen: 48.791 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029664.D
 Acq: 13 Dec 2022 20:20

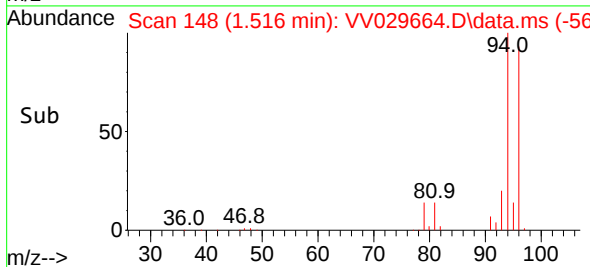
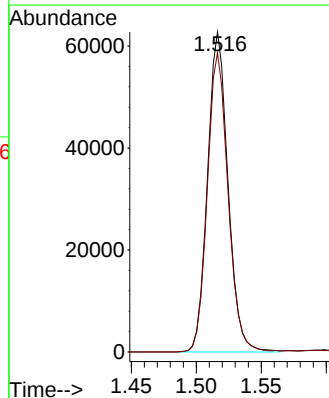
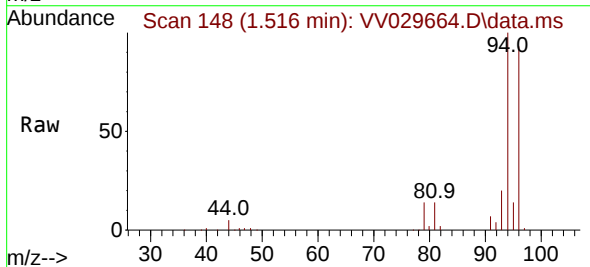
Instrument :
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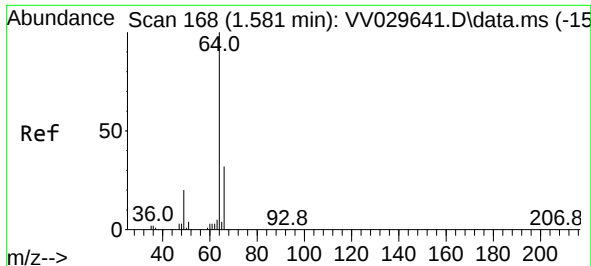
Tgt Ion: 62 Resp: 147251
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.5 41.9



#6
 Bromomethane
 Concen: 56.727 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.003 min
 Lab File: VV029664.D
 Acq: 13 Dec 2022 20:20

Tgt Ion: 94 Resp: 68887
 Ion Ratio Lower Upper
 94 100
 96 93.5 65.1 120.9

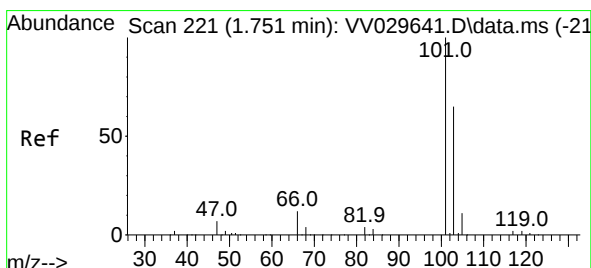
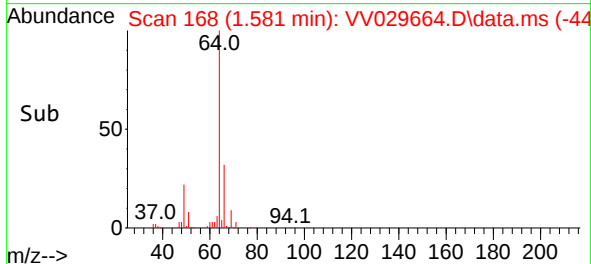
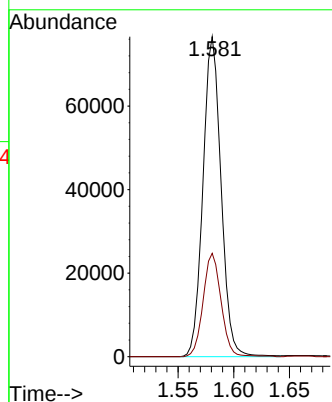
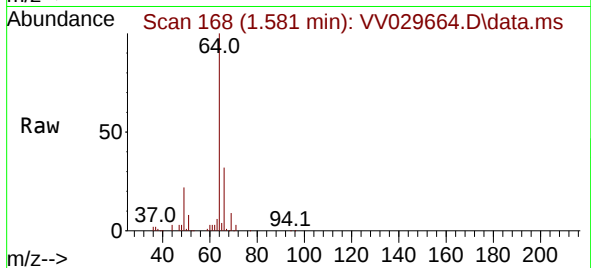




#8
Chloroethane
Concen: 51.634 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV029664.D
Acq: 13 Dec 2022 20:20

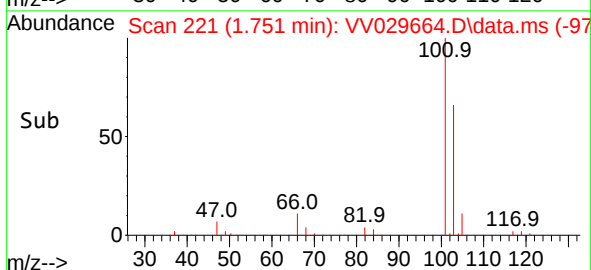
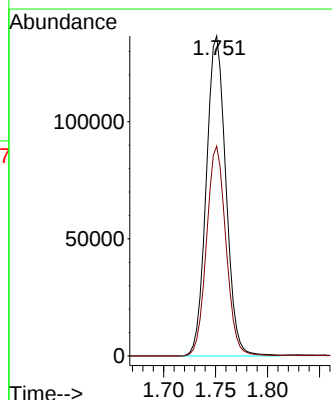
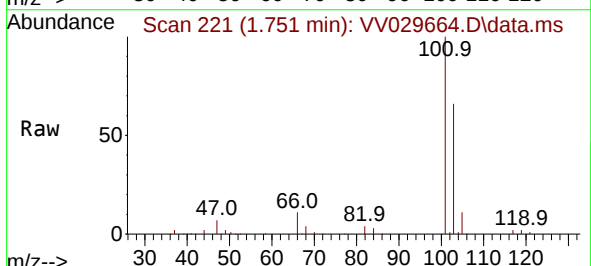
Instrument :
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ClientSampleId :
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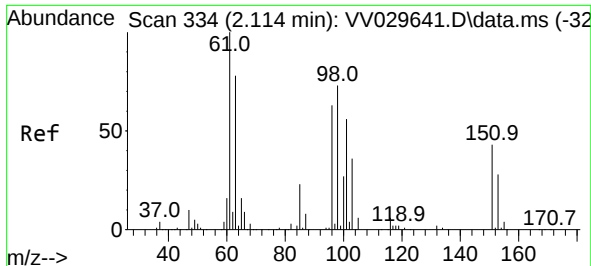
Tgt Ion: 64 Resp: 86771
Ion Ratio Lower Upper
64 100
66 32.3 22.5 41.9



#9
Trichlorofluoromethane
Concen: 47.382 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV029664.D
Acq: 13 Dec 2022 20:20

Tgt Ion:101 Resp: 179014
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 49.500 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

EYF51MS

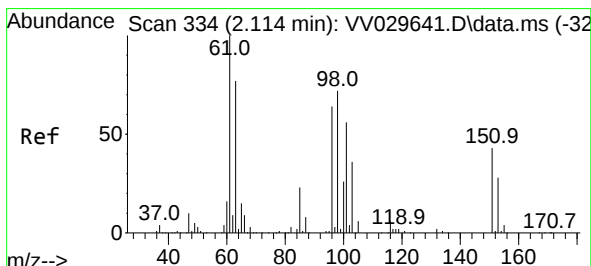
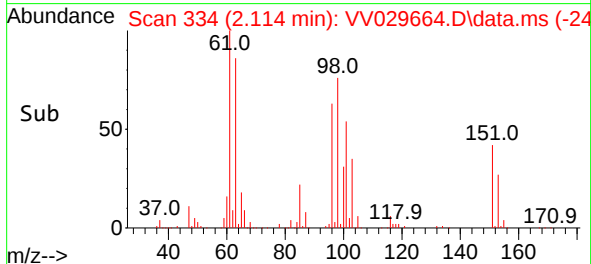
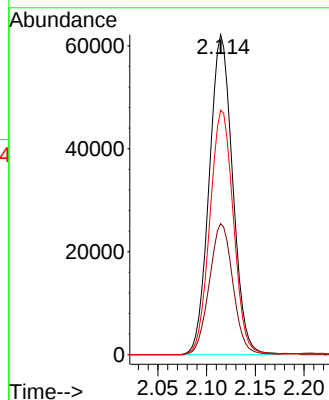
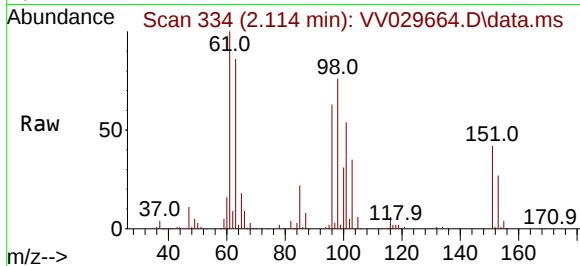
Tgt Ion:101 Resp: 103917

Ion Ratio Lower Upper

101 100

85 41.4 33.6 50.4

151 77.0 63.5 95.3



#12

1,1-Dichloroethene

Concen: 48.317 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

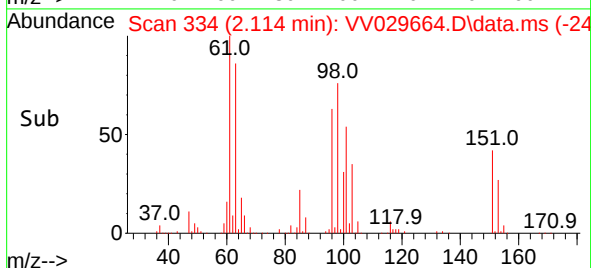
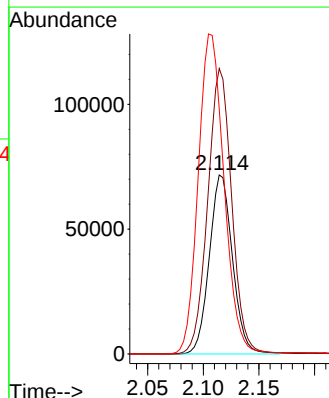
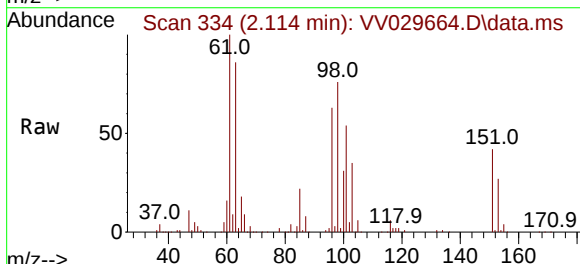
Tgt Ion: 96 Resp: 103734

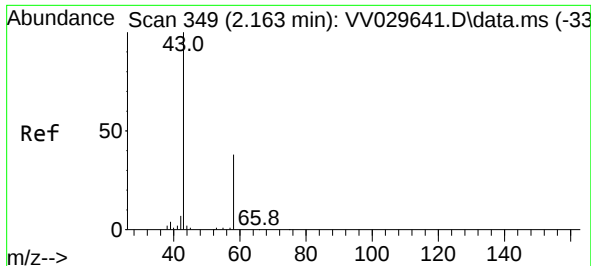
Ion Ratio Lower Upper

96 100

61 159.4 103.3 191.9

63 136.9 77.3 143.7





#13

Acetone

Concen: 94.245 ug/L

RT: 2.159 min Scan# 34

Delta R.T. -0.003 min

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Acq: 13 Dec 2022 20:20

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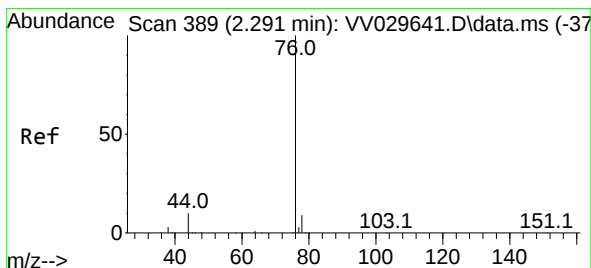
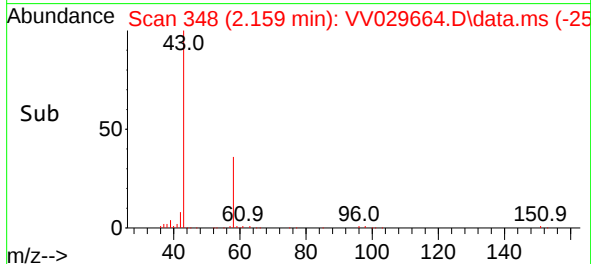
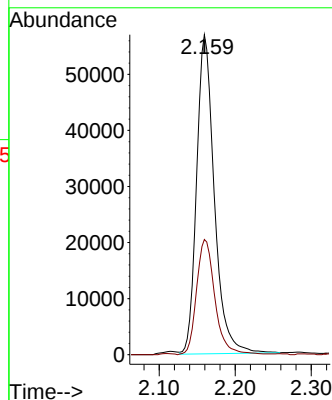
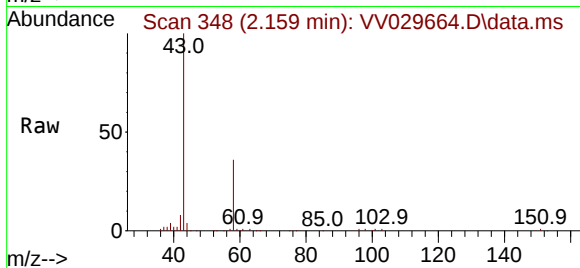
EYF51MS

Tgt Ion: 43 Resp: 92118

Ion Ratio Lower Upper

43 100

58 37.5 0.0 74.8



#14

Carbon disulfide

Concen: 42.273 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV029664.D

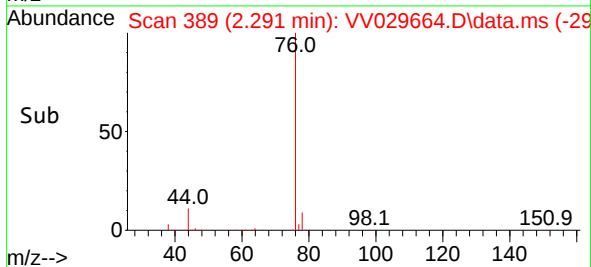
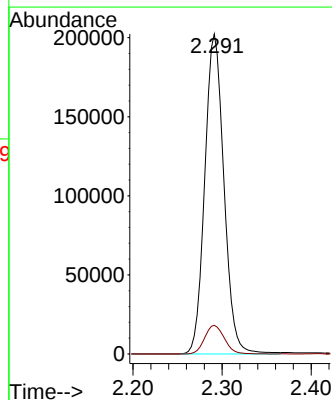
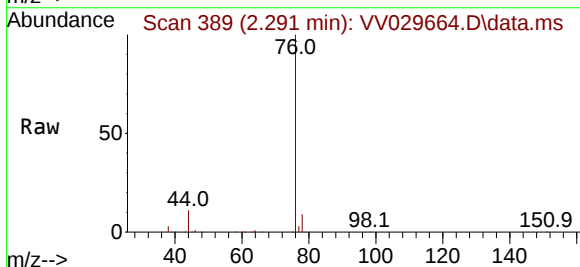
Acq: 13 Dec 2022 20:20

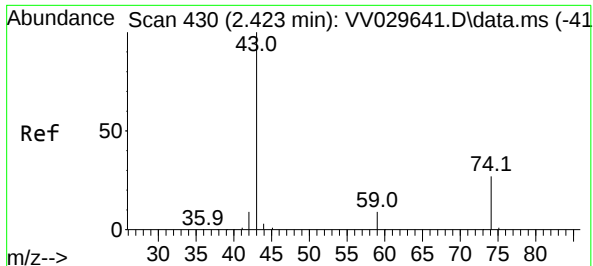
Tgt Ion: 76 Resp: 302055

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

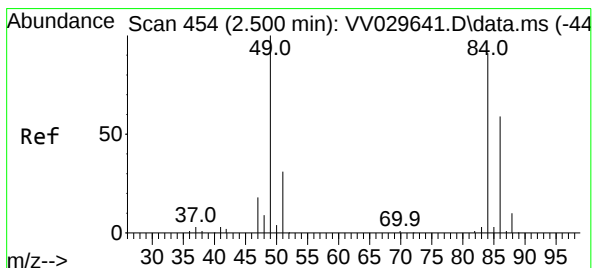
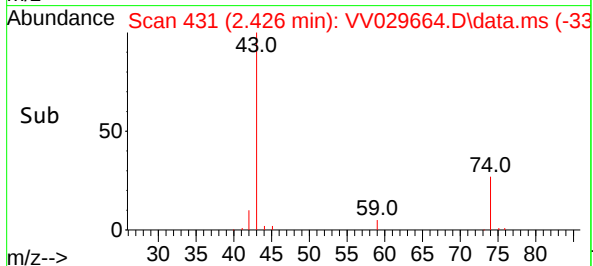
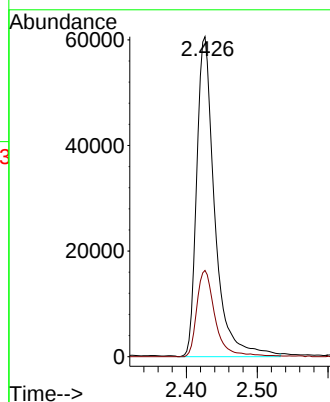
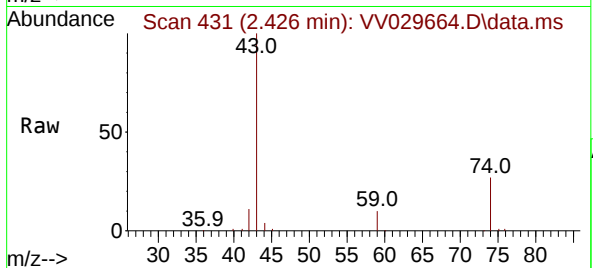




#15
Methyl Acetate
Concen: 48.209 ug/L
RT: 2.426 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029664.D
Acq: 13 Dec 2022 20:20

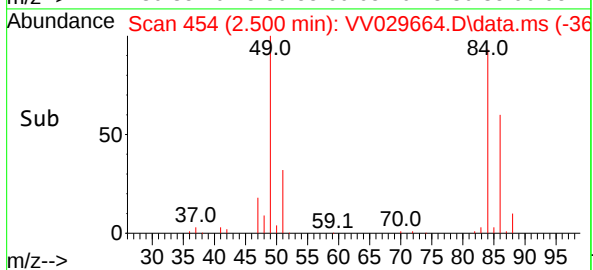
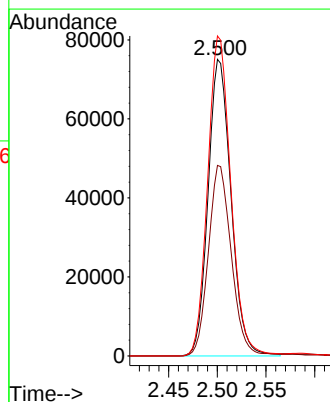
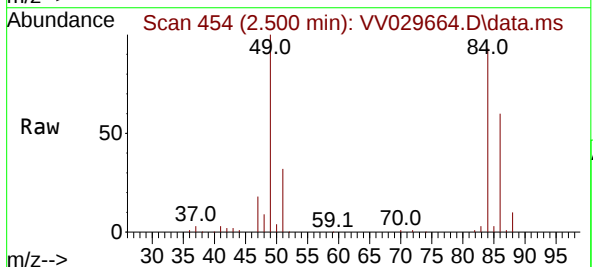
Instrument :
MSVOA_V
ClientSampleId :
EYF51MS

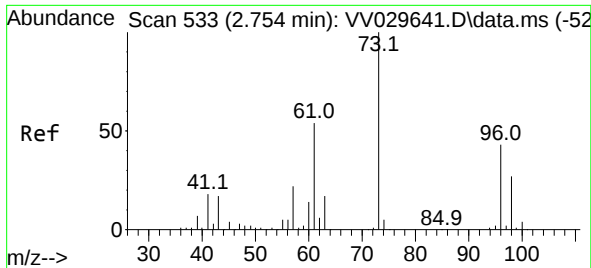
Tgt Ion: 43 Resp: 107358
Ion Ratio Lower Upper
43 100
74 26.6 23.5 35.3



#16
Methylene chloride
Concen: 46.171 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV029664.D
Acq: 13 Dec 2022 20:20

Tgt Ion: 84 Resp: 123250
Ion Ratio Lower Upper
84 100
86 64.2 46.0 85.4
49 107.9 72.2 134.0

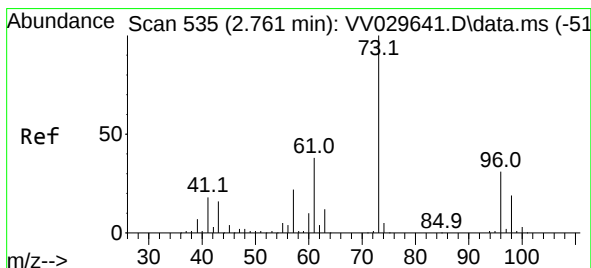
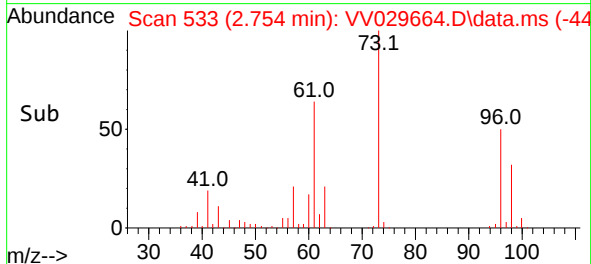
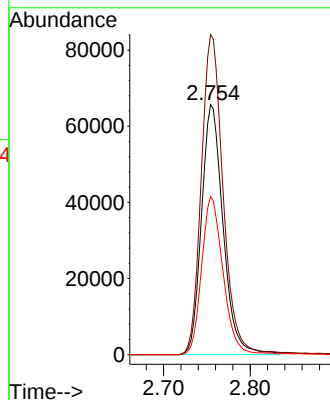
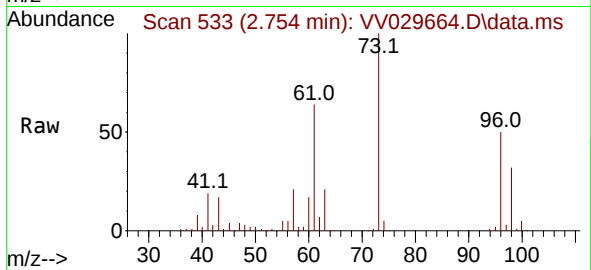




#17
trans-1,2-Dichloroethene
Concen: 46.022 ug/L
RT: 2.754 min Scan# 511
Delta R.T. -0.000 min
Lab File: VV029664.D
Acq: 13 Dec 2022 20:20

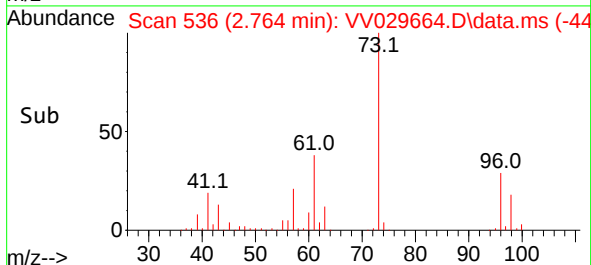
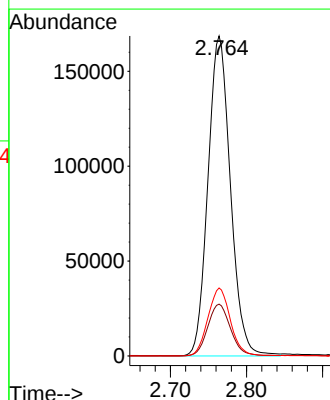
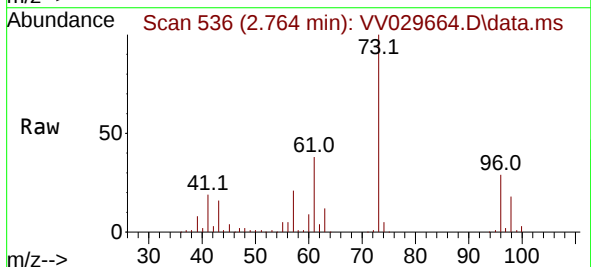
Instrument :
MSVOA_V
ClientSampleId :
EYF51MS

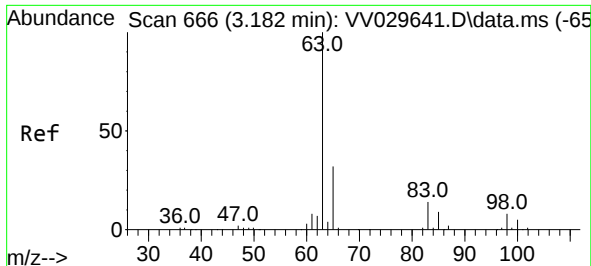
Tgt Ion: 96 Resp: 113849
Ion Ratio Lower Upper
96 100
61 127.9 86.4 160.4
98 63.2 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 45.674 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV029664.D
Acq: 13 Dec 2022 20:20

Tgt Ion: 73 Resp: 346172
Ion Ratio Lower Upper
73 100
43 16.2 12.7 19.1
57 21.2 16.7 25.1





#19

1,1-Dichloroethane

Concen: 47.250 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

EYF51MS

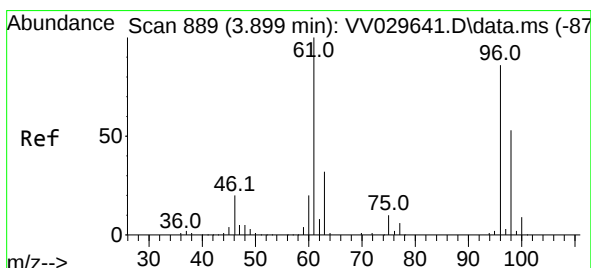
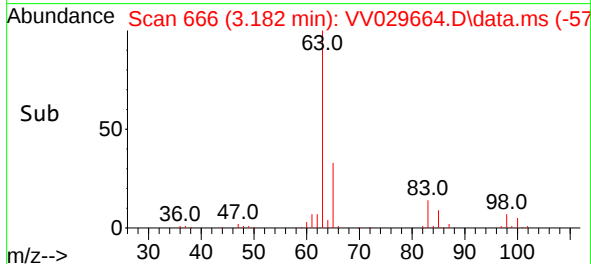
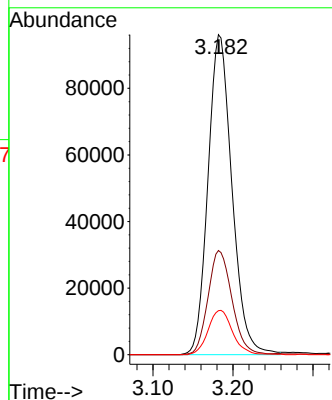
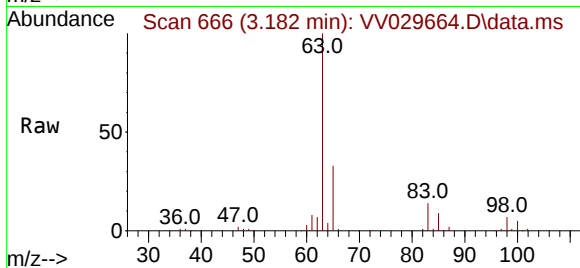
Tgt Ion: 63 Resp: 200241

Ion Ratio Lower Upper

63 100

65 32.6 22.5 41.7

83 13.7 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 45.734 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.003 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

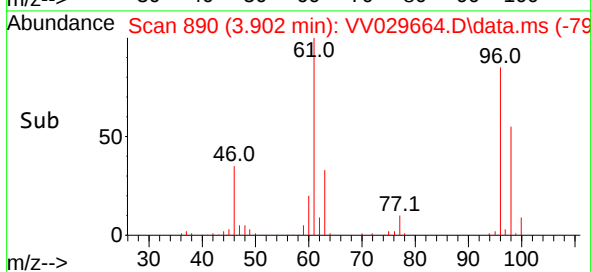
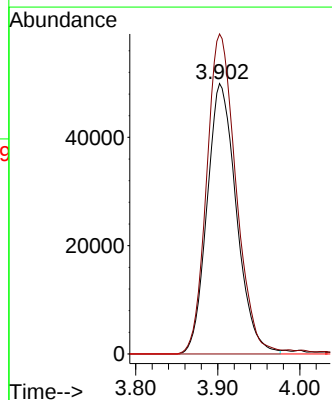
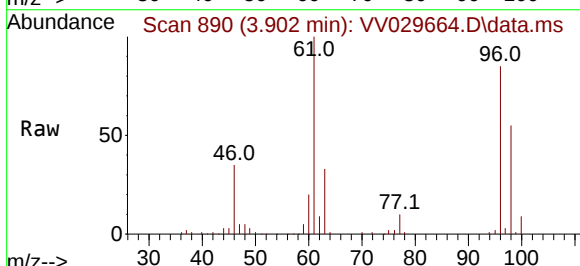
Tgt Ion: 96 Resp: 124405

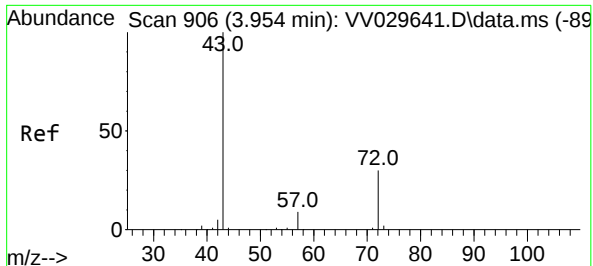
Ion Ratio Lower Upper

96 100

61 118.3 78.0 144.9

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 96.329 ug/L

RT: 3.957 min Scan# 906

Delta R.T. 0.003 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

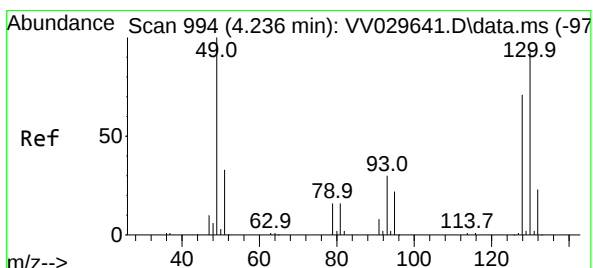
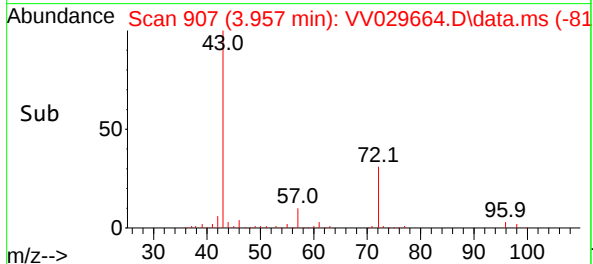
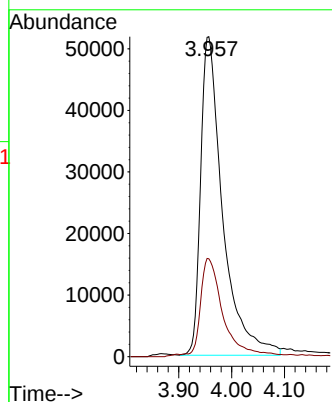
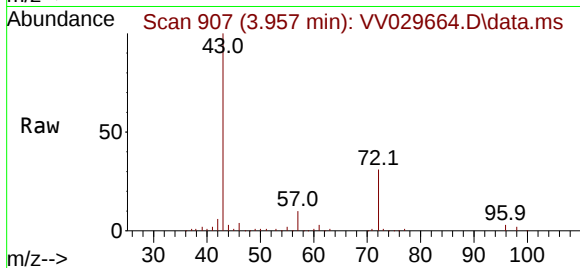
EYF51MS

Tgt Ion: 43 Resp: 149818

Ion Ratio Lower Upper

43 100

72 30.0 15.9 47.6



#23

Bromochloromethane

Concen: 46.275 ug/L

RT: 4.240 min Scan# 995

Delta R.T. 0.003 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

Tgt Ion: 128 Resp: 64818

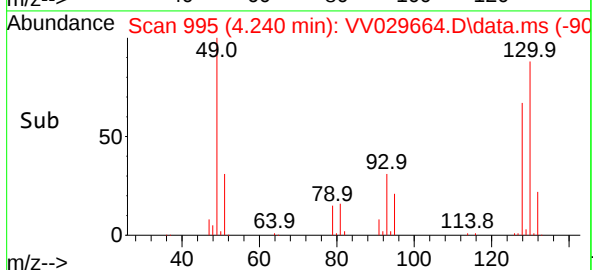
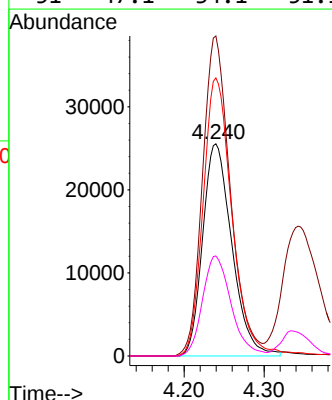
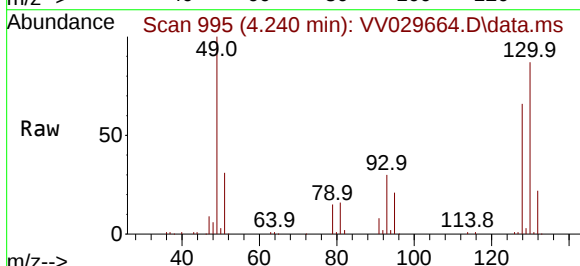
Ion Ratio Lower Upper

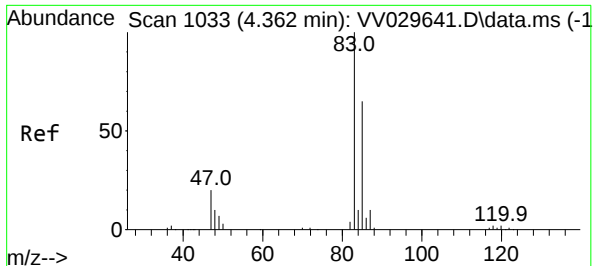
128 100

49 150.8 92.2 171.2

130 131.0 88.3 164.1

51 47.1 34.1 51.1





#25

Chloroform

Concen: 47.173 ug/L

RT: 4.365 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

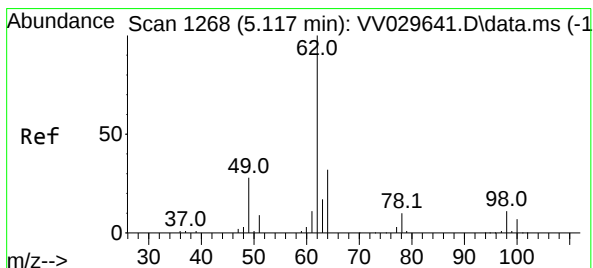
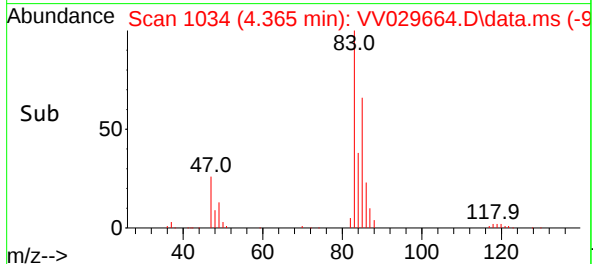
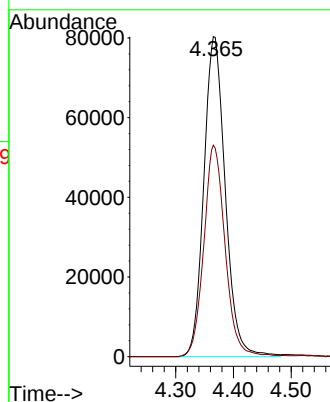
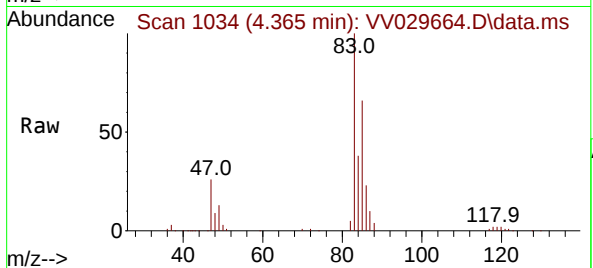
EYF51MS

Tgt Ion: 83 Resp: 207255

Ion Ratio Lower Upper

83 100

85 66.1 45.1 83.9



#27

1,2-Dichloroethane

Concen: 47.989 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VV029664.D

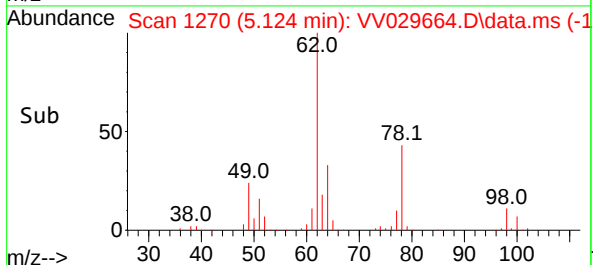
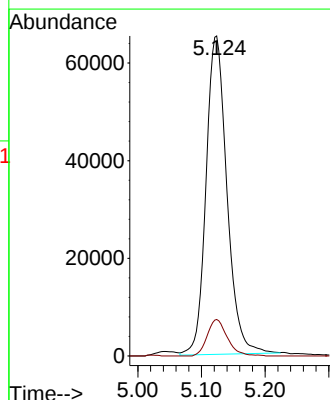
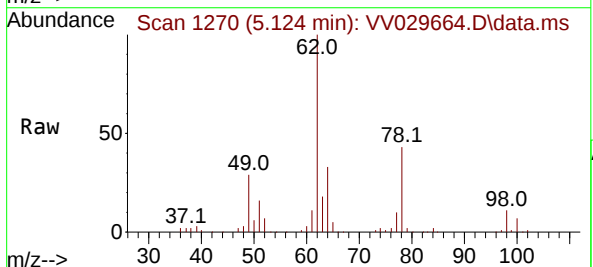
Acq: 13 Dec 2022 20:20

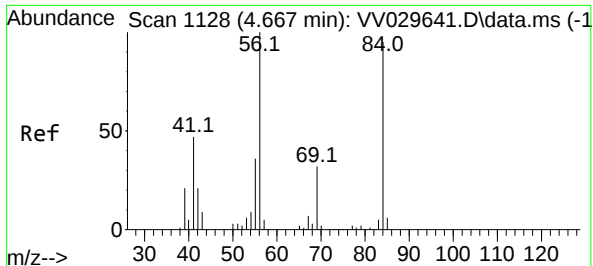
Tgt Ion: 62 Resp: 148939

Ion Ratio Lower Upper

62 100

98 11.4 9.4 14.0





#29

Cyclohexane

Concen: 43.389 ug/L

RT: 4.671 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

EYF51MS

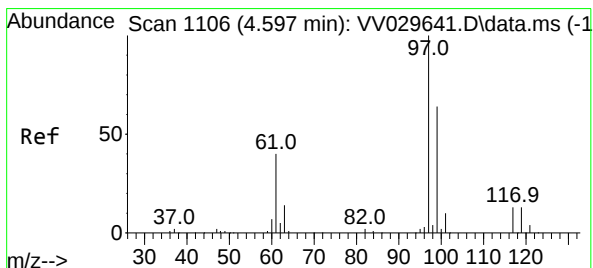
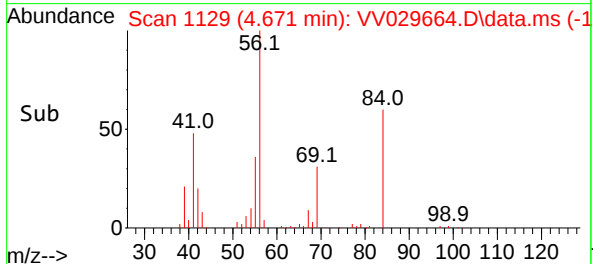
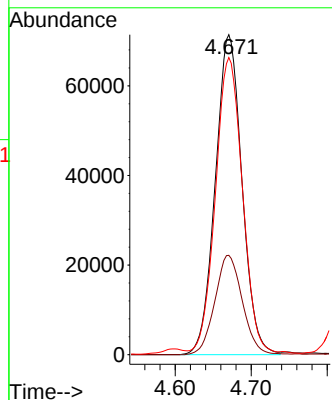
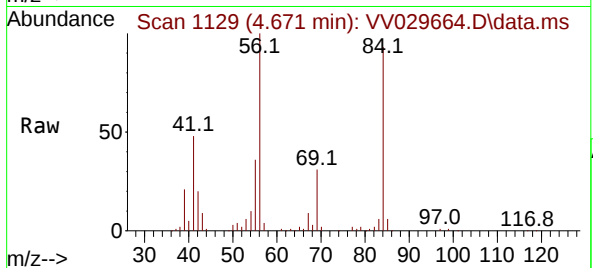
Tgt Ion: 56 Resp: 174070

Ion Ratio Lower Upper

56 100

69 32.1 25.8 38.8

84 92.8 76.6 114.8



#30

1,1,1-Trichloroethane

Concen: 44.135 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

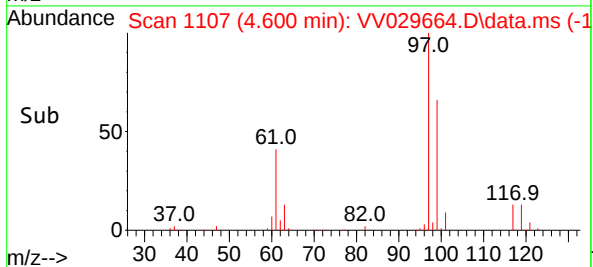
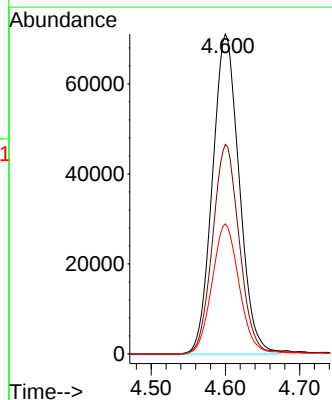
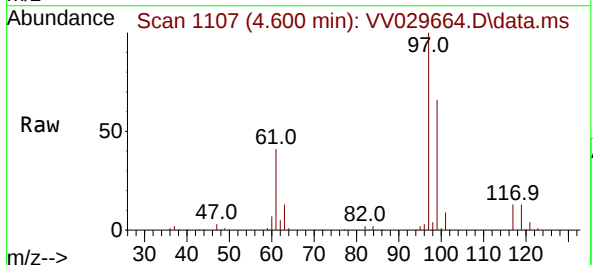
Tgt Ion: 97 Resp: 178081

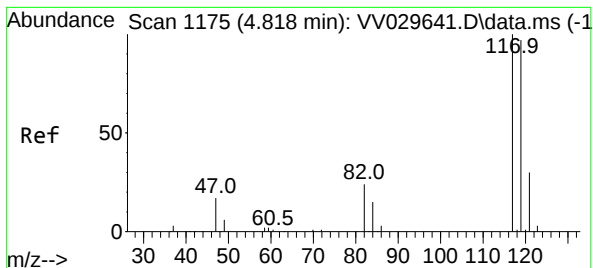
Ion Ratio Lower Upper

97 100

99 65.6 52.1 78.1

61 41.1 31.8 47.8





#31

Carbon tetrachloride

Concen: 43.443 ug/L

RT: 4.822 min Scan# 1175

Delta R.T. 0.003 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

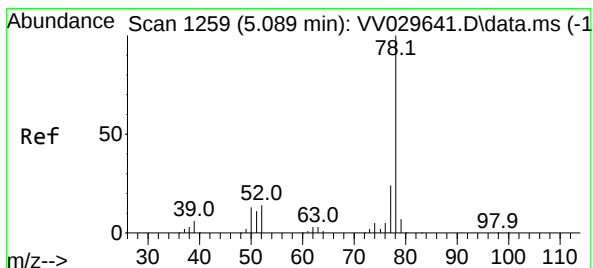
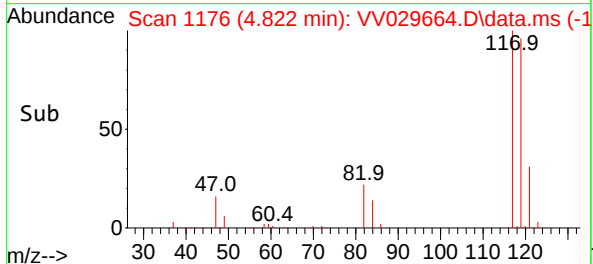
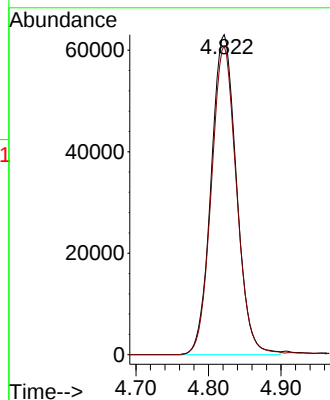
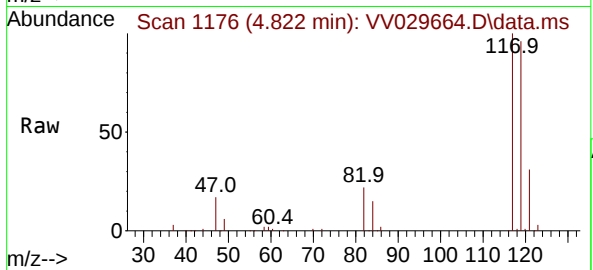
EYF51MS

Tgt Ion:117 Resp: 153072

Ion Ratio Lower Upper

117 100

119 95.8 76.7 115.1



#33

Benzene

Concen: 45.936 ug/L

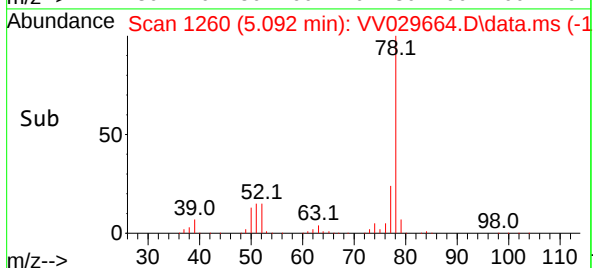
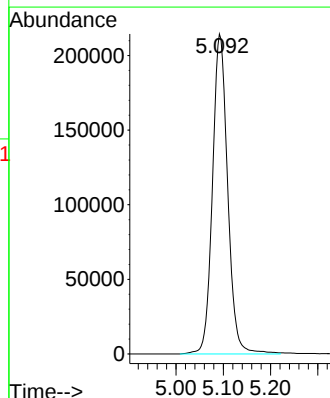
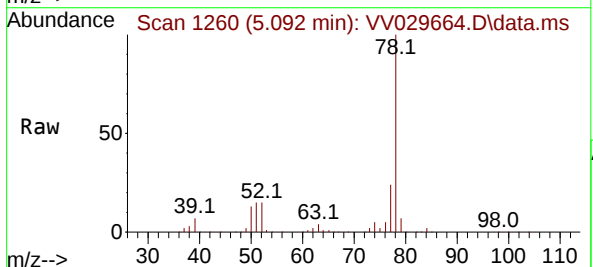
RT: 5.092 min Scan# 1260

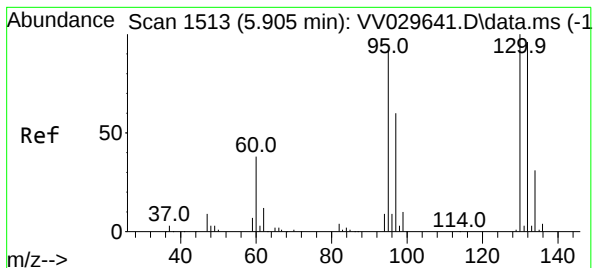
Delta R.T. 0.003 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

Tgt Ion: 78 Resp: 479529





#34

Trichloroethene

Concen: 45.009 ug/L

RT: 5.908 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

EYF51MS

Tgt Ion: 95 Resp: 117737

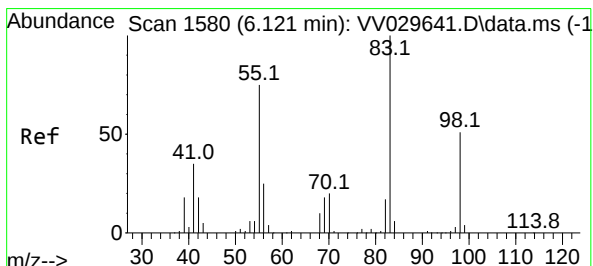
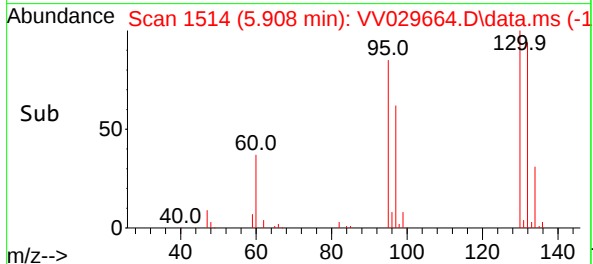
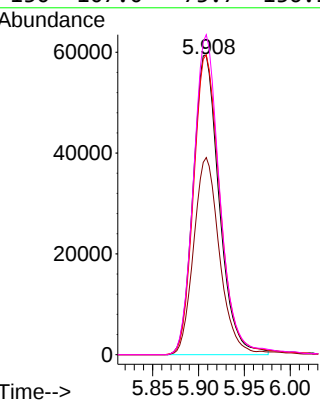
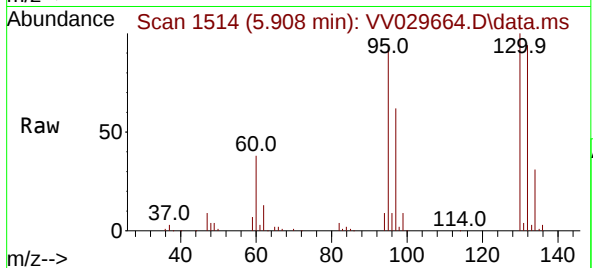
Ion Ratio Lower Upper

95 100

97 65.9 44.0 81.8

132 100.2 69.9 129.9

130 107.0 73.7 136.9



#35

Methylcyclohexane

Concen: 44.402 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.003 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

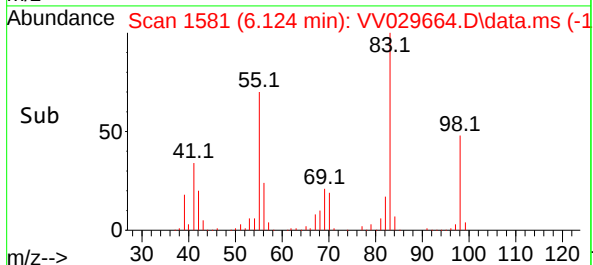
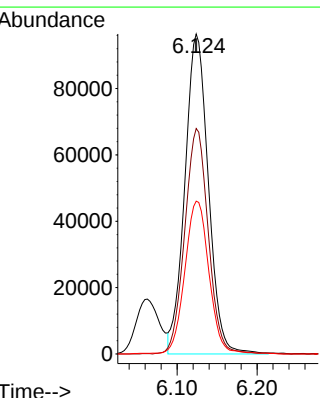
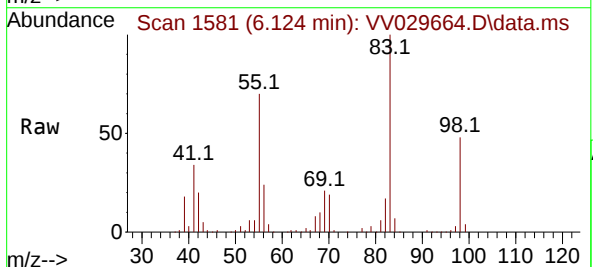
Tgt Ion: 83 Resp: 197269

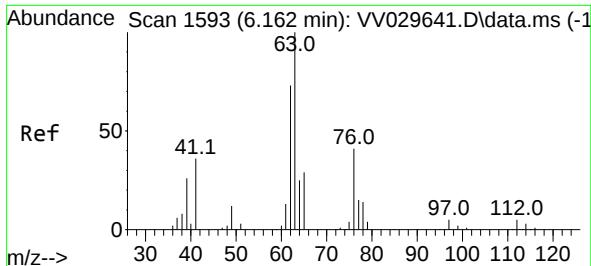
Ion Ratio Lower Upper

83 100

55 70.7 55.5 83.3

98 49.2 39.8 59.8





#37

1,2-Dichloropropane

Concen: 46.485 ug/L

RT: 6.166 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

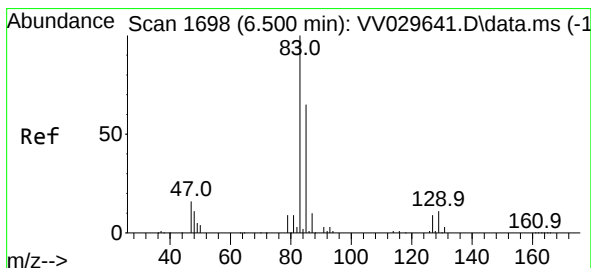
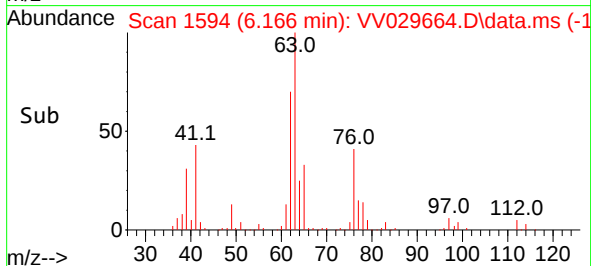
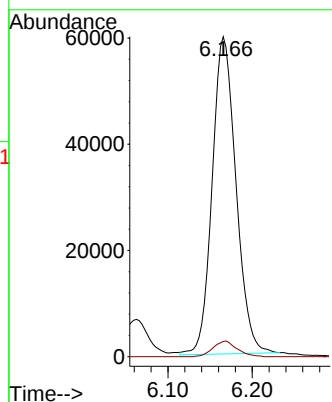
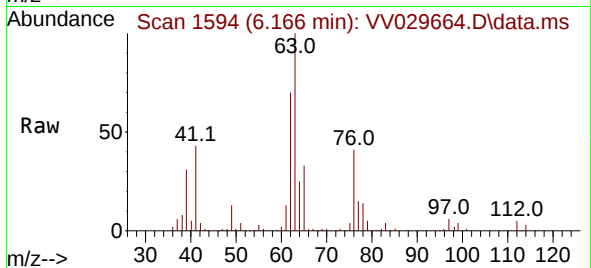
EYF51MS

Tgt Ion: 63 Resp: 117121

Ion Ratio Lower Upper

63 100

112 5.0 3.9 5.9



#38

Bromodichloromethane

Concen: 44.593 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

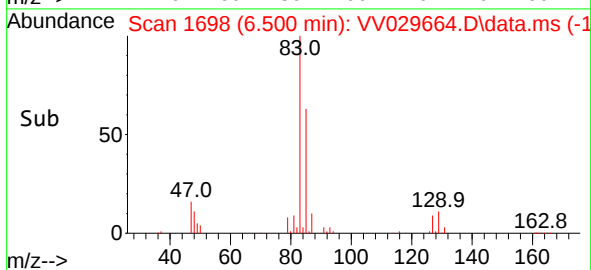
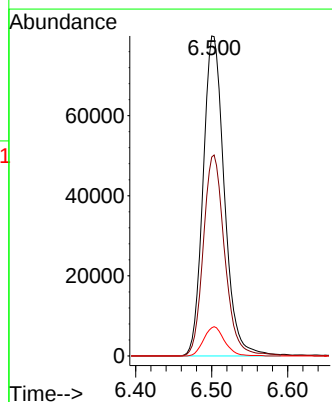
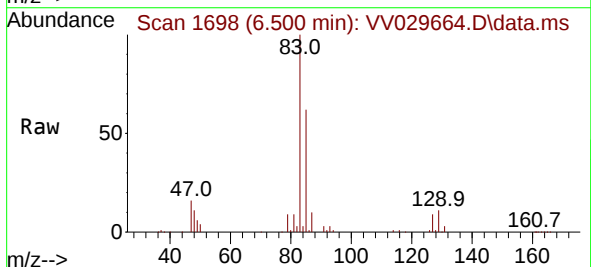
Tgt Ion: 83 Resp: 155101

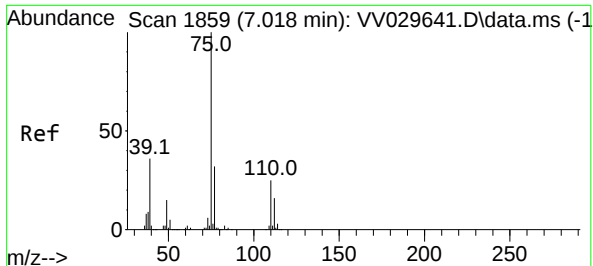
Ion Ratio Lower Upper

83 100

85 62.2 45.3 84.1

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 38.738 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. 0.003 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

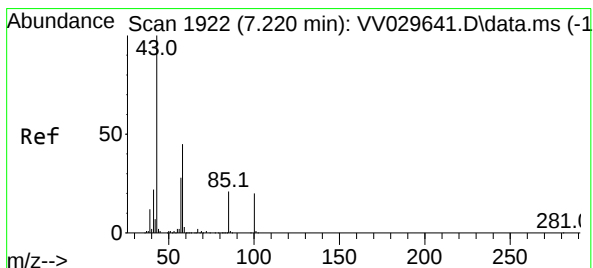
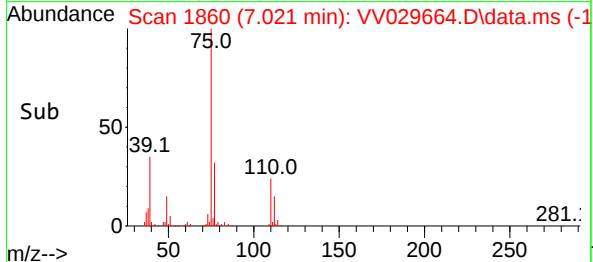
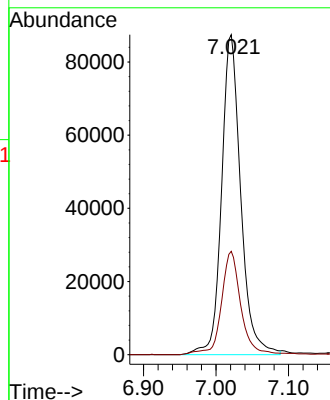
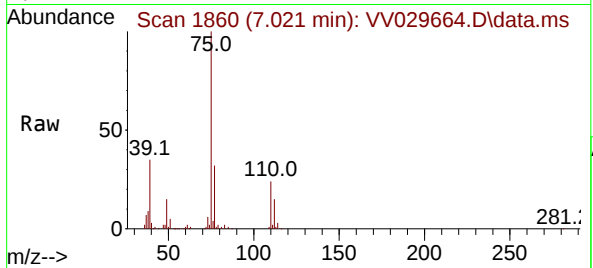
EYF51MS

Tgt Ion: 75 Resp: 160520

Ion Ratio Lower Upper

75 100

77 32.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 99.079 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.000 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

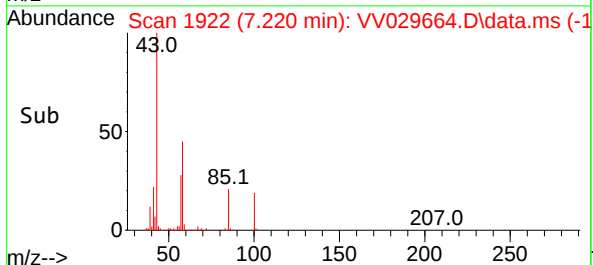
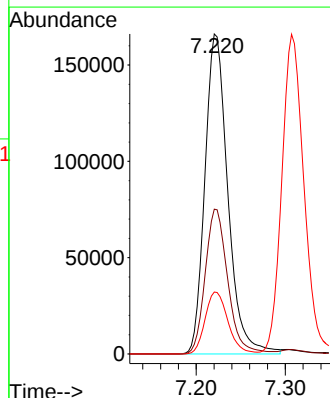
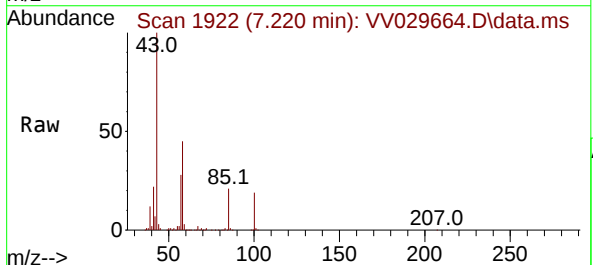
Tgt Ion: 43 Resp: 297638

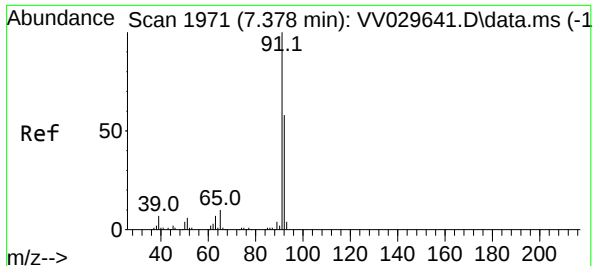
Ion Ratio Lower Upper

43 100

58 44.5 37.5 56.3

100 19.3 16.7 25.1





#42

Toluene

Concen: 45.087 ug/L

RT: 7.381 min Scan# 1971

Delta R.T. 0.003 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

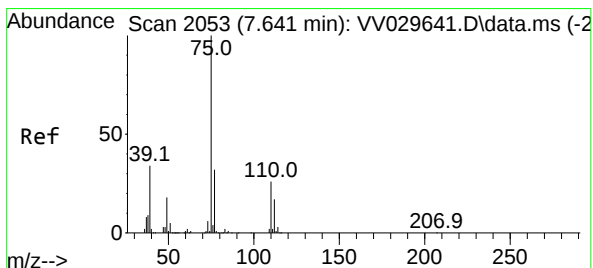
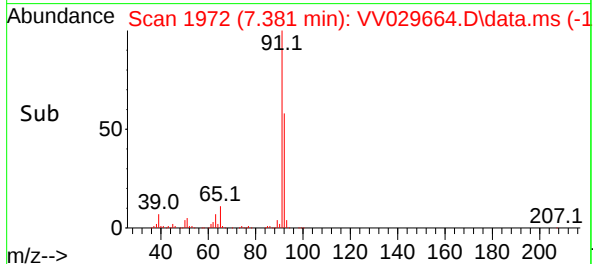
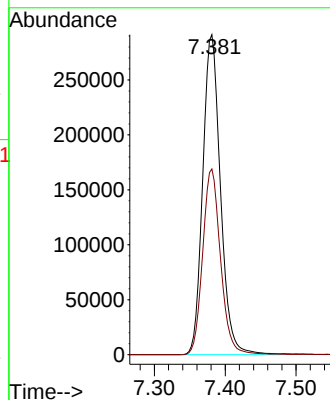
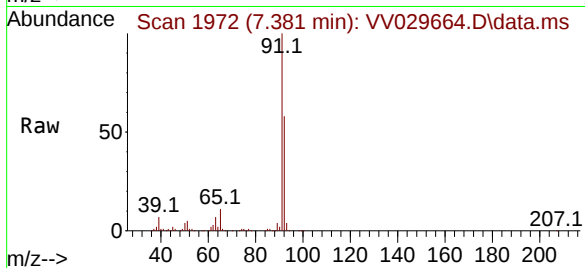
EYF51MS

Tgt Ion: 91 Resp: 506588

Ion Ratio Lower Upper

91 100

92 58.0 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 40.224 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. -0.000 min

Lab File: VV029664.D

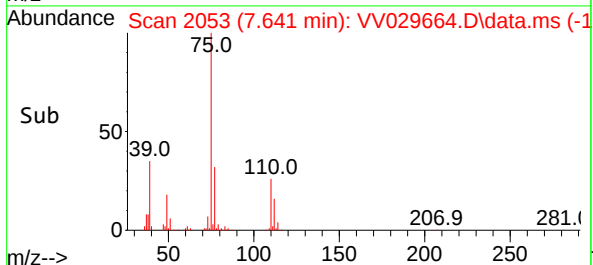
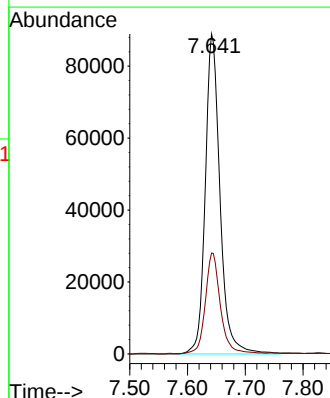
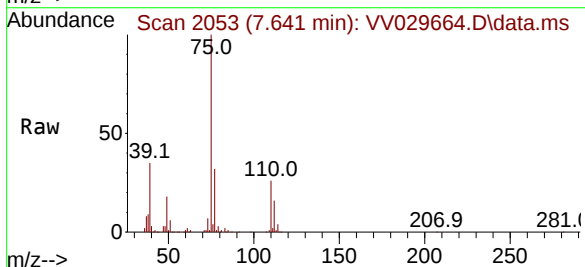
Acq: 13 Dec 2022 20:20

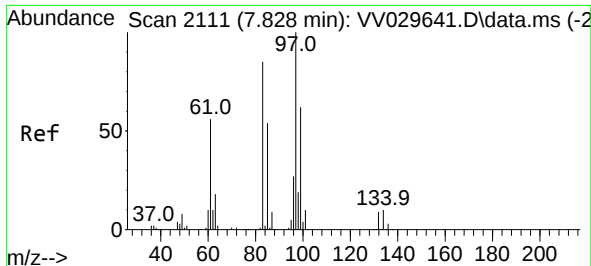
Tgt Ion: 75 Resp: 157843

Ion Ratio Lower Upper

75 100

77 31.5 22.3 41.5



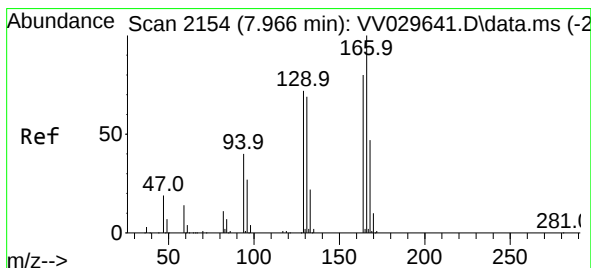
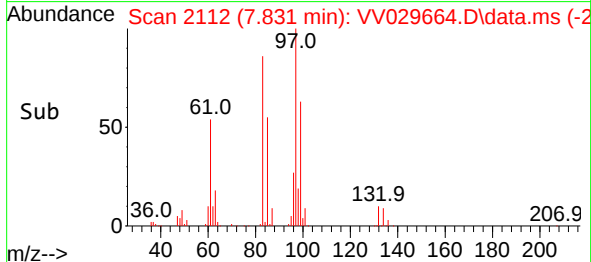
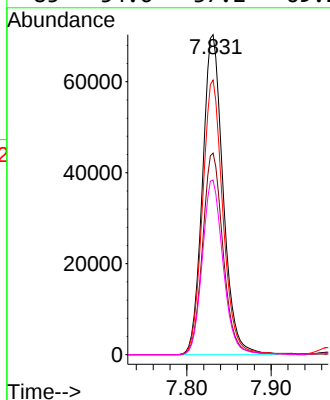
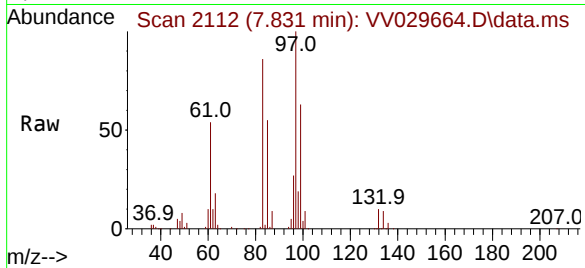


#45
1,1,2-Trichloroethane
Concen: 46.123 ug/L
RT: 7.831 min Scan# 2111
Delta R.T. 0.003 min
Lab File: VV029664.D
Acq: 13 Dec 2022 20:20

Instrument :
MSVOA_V
ClientSampleId :
EYF51MS

Tgt Ion: 97 Resp: 120059

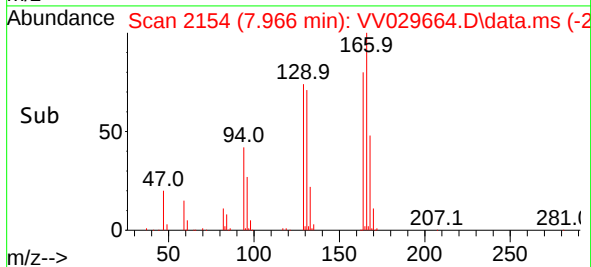
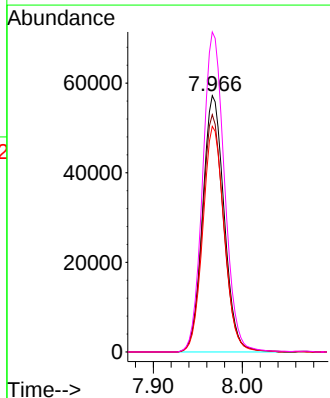
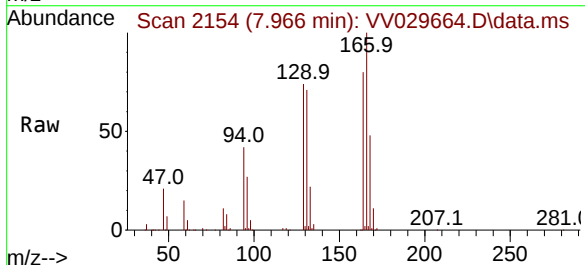
Ion	Ratio	Lower	Upper
97	100		
99	63.0	43.8	81.3
83	85.9	58.6	108.8
85	54.6	37.2	69.2

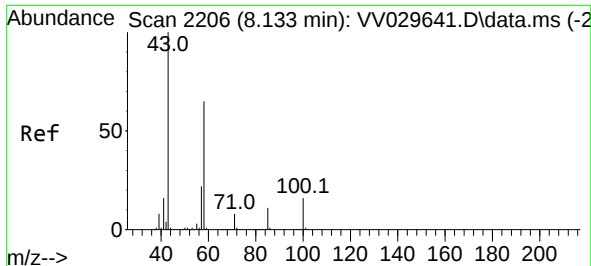


#46
Tetrachloroethene
Concen: 45.612 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VV029664.D
Acq: 13 Dec 2022 20:20

Tgt Ion: 164 Resp: 95927

Ion	Ratio	Lower	Upper
164	100		
129	92.6	65.3	121.3
131	88.0	63.1	117.1
166	124.9	90.8	168.6

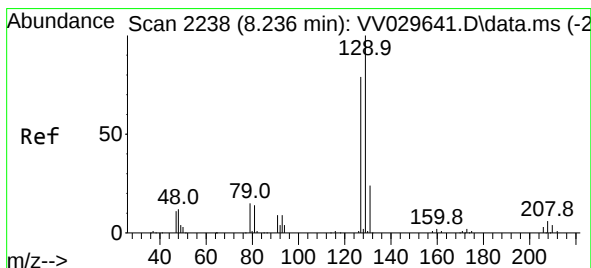
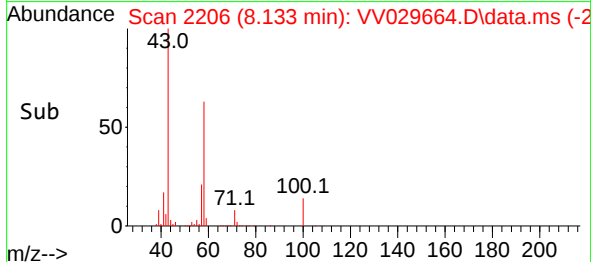
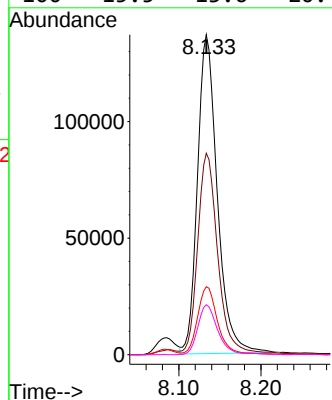
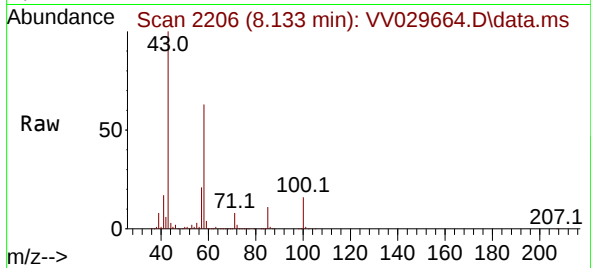




#48
2-Hexanone
Concen: 100.211 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029664.D
Acq: 13 Dec 2022 20:20

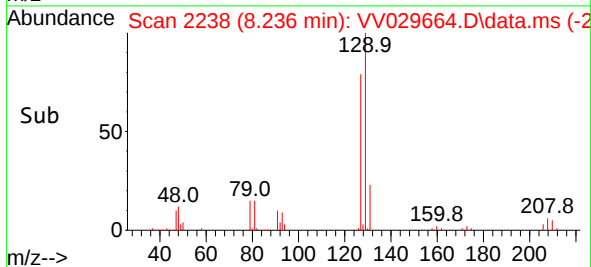
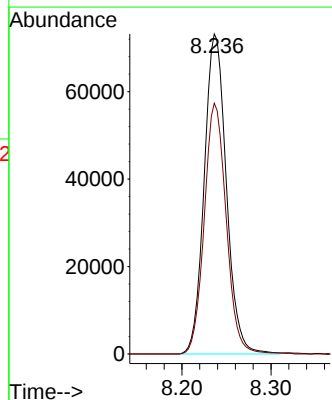
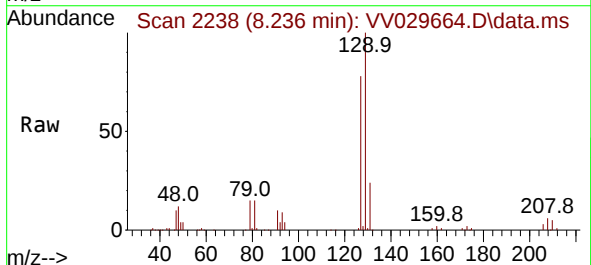
Instrument :
MSVOA_V
ClientSampleId :
EYF51MS

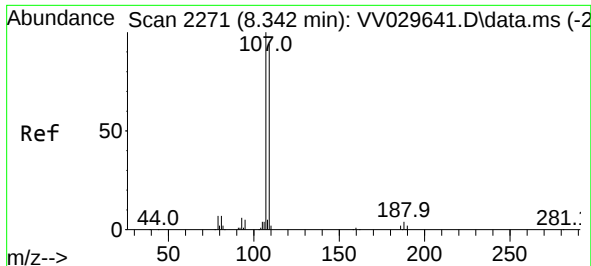
Tgt Ion: 43 Resp: 229995
Ion Ratio Lower Upper
43 100
58 62.0 54.1 81.1
57 20.9 17.4 26.0
100 15.5 13.6 20.4



#49
Dibromochloromethane
Concen: 43.989 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VV029664.D
Acq: 13 Dec 2022 20:20

Tgt Ion: 129 Resp: 126419
Ion Ratio Lower Upper
129 100
127 78.3 55.2 102.4





#50

1,2-Dibromoethane

Concen: 44.107 ug/L

RT: 8.342 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

EYF51MS

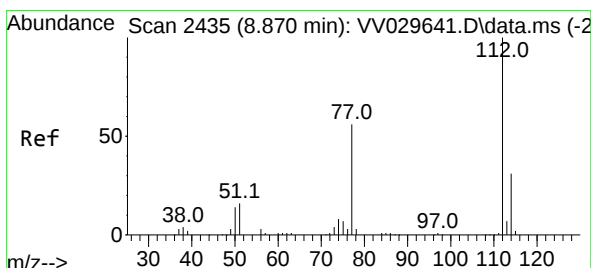
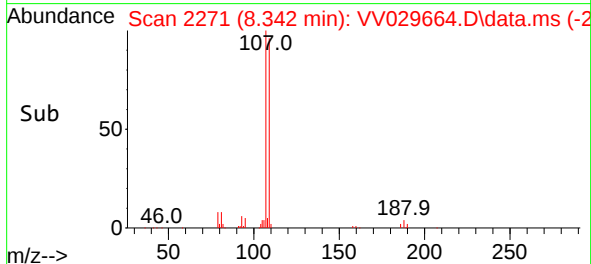
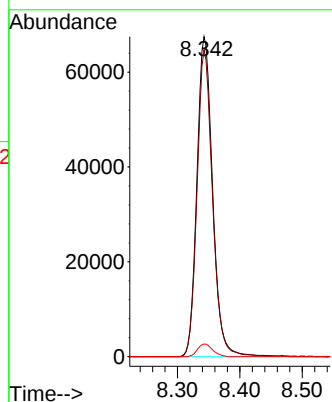
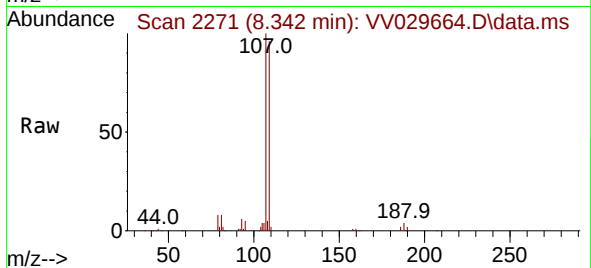
Tgt Ion:107 Resp: 118281

Ion Ratio Lower Upper

107 100

109 95.9 66.0 122.6

188 3.9 3.2 4.8



#51

Chlorobenzene

Concen: 46.235 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.003 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

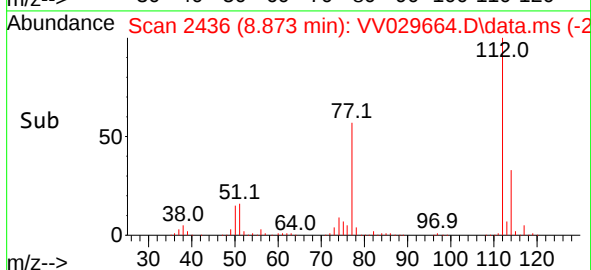
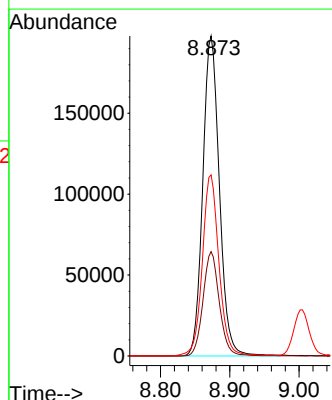
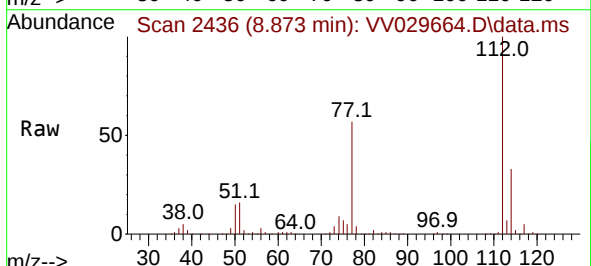
Tgt Ion:112 Resp: 328954

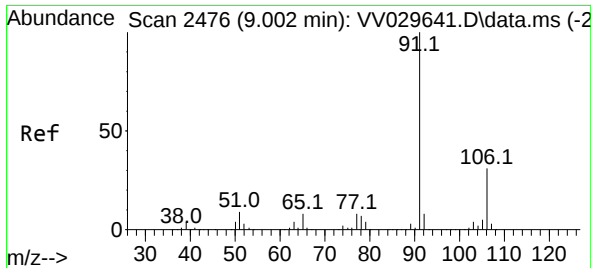
Ion Ratio Lower Upper

112 100

114 32.6 22.3 41.3

77 56.6 45.0 67.4

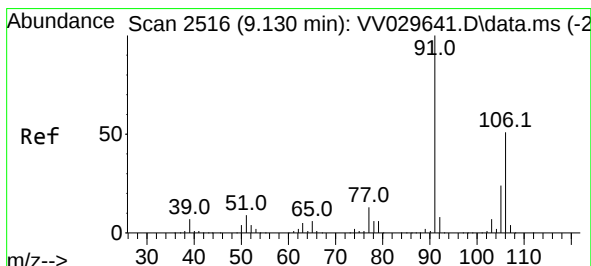
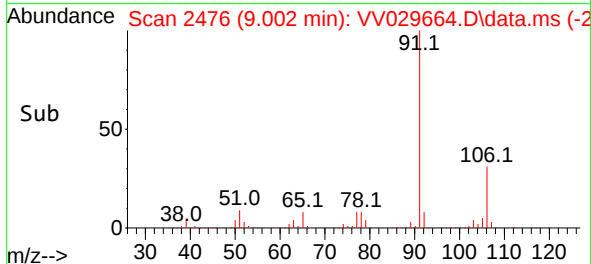
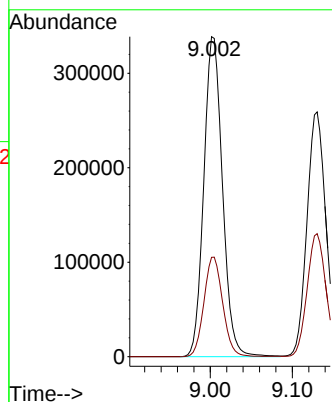
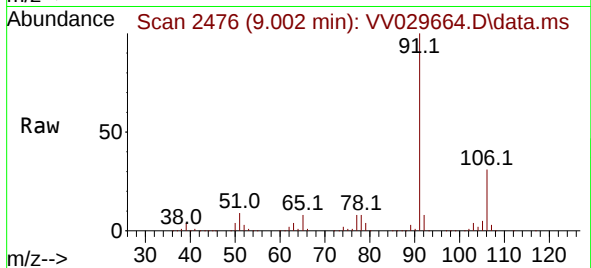




#52
Ethylbenzene
Concen: 45.339 ug/L
RT: 9.002 min Scan# 2476
Delta R.T. -0.000 min
Lab File: VV029664.D
Acq: 13 Dec 2022 20:20

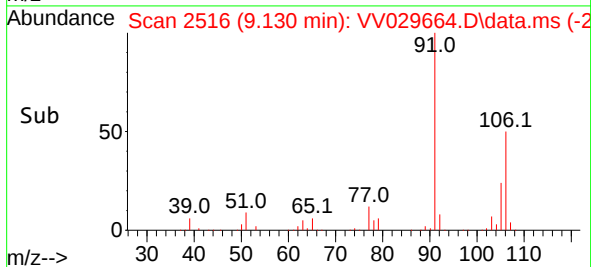
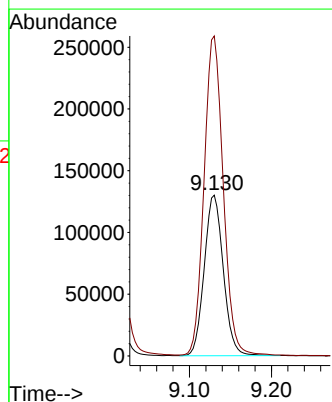
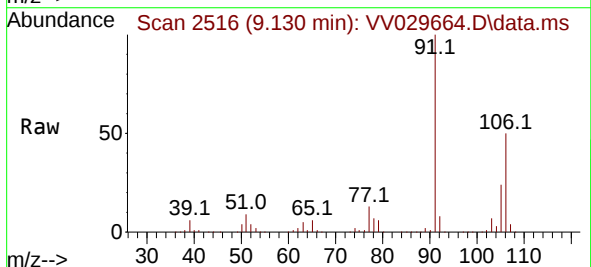
Instrument :
MSVOA_V
ClientSampleId :
EYF51MS

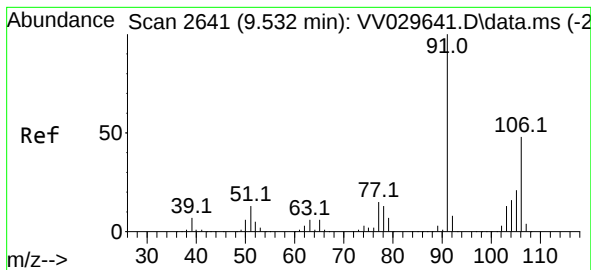
Tgt Ion: 91 Resp: 535586
Ion Ratio Lower Upper
91 100
106 31.1 21.8 40.6



#53
m,p-Xylene
Concen: 44.954 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV029664.D
Acq: 13 Dec 2022 20:20

Tgt Ion: 106 Resp: 210177
Ion Ratio Lower Upper
106 100
91 199.0 139.5 259.1





#54

o-Xylene

Concen: 44.806 ug/L

RT: 9.535 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

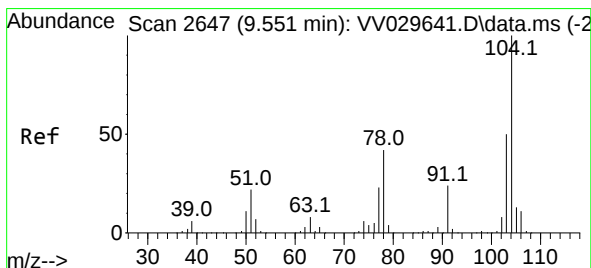
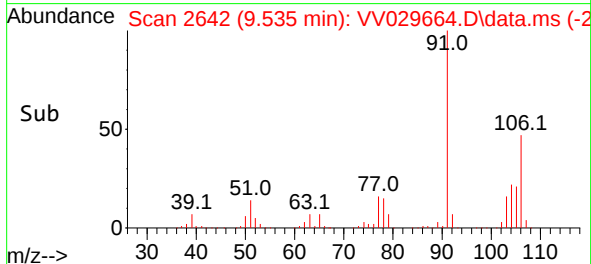
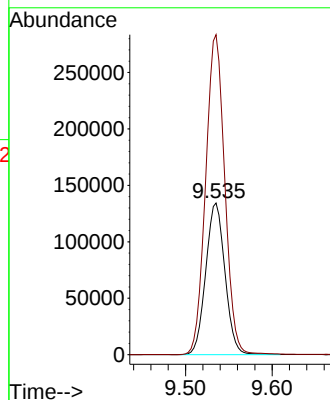
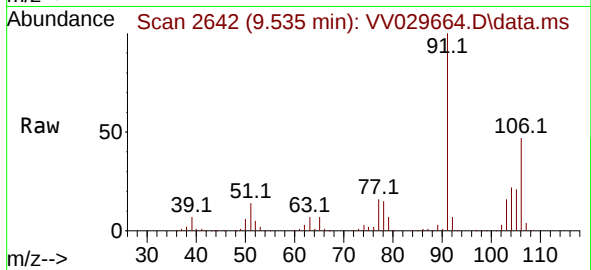
EYF51MS

Tgt Ion:106 Resp: 207216

Ion Ratio Lower Upper

106 100

91 211.0 148.0 274.8



#55

Styrene

Concen: 46.905 ug/L

RT: 9.551 min Scan# 2647

Delta R.T. -0.000 min

Lab File: VV029664.D

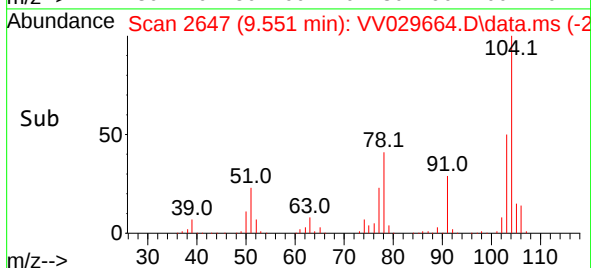
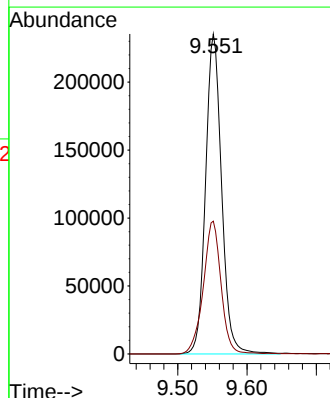
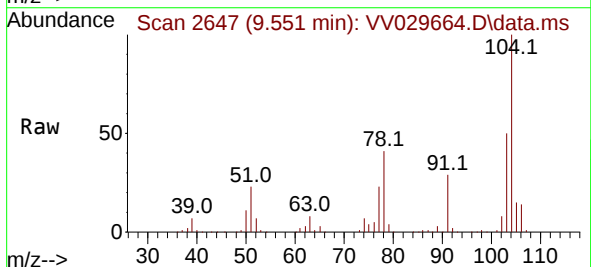
Acq: 13 Dec 2022 20:20

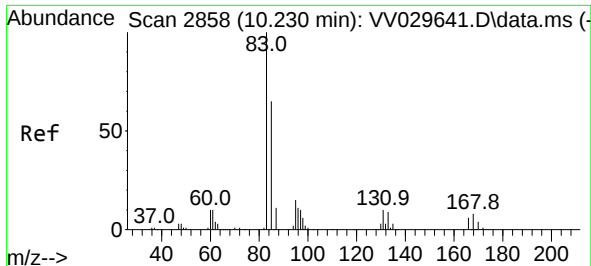
Tgt Ion:104 Resp: 376970

Ion Ratio Lower Upper

104 100

78 41.5 29.4 54.6





#57

1,1,2,2-Tetrachloroethane

Concen: 46.945 ug/L

RT: 10.230 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

EYF51MS

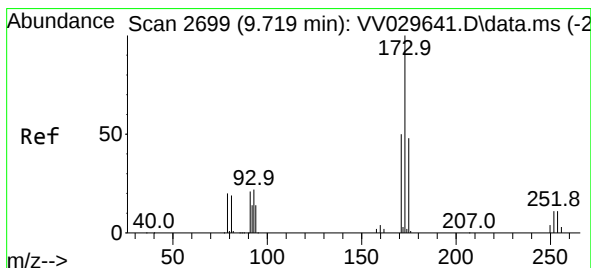
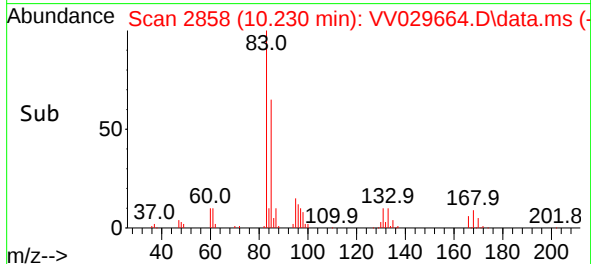
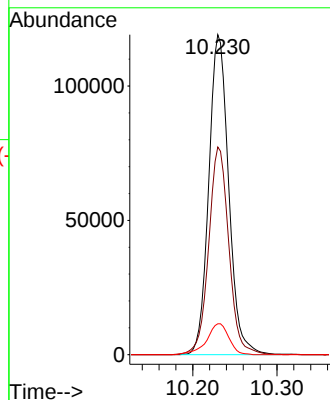
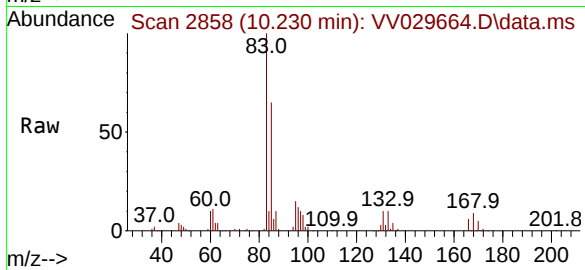
Tgt Ion: 83 Resp: 195470

Ion Ratio Lower Upper

83 100

85 64.9 45.7 84.9

131 9.7 7.9 11.9



#59

Bromoform

Concen: 39.268 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. 0.003 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

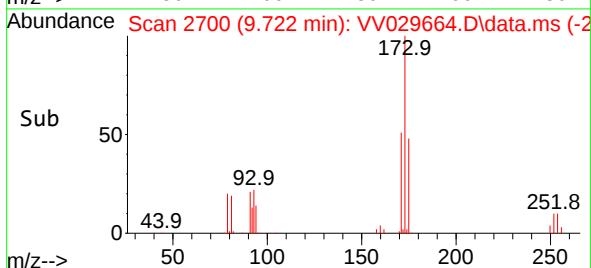
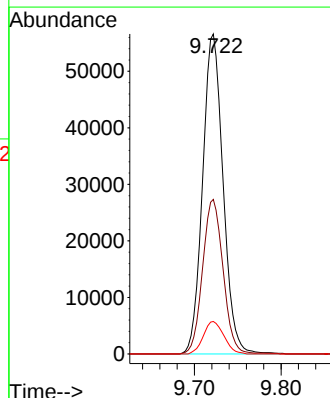
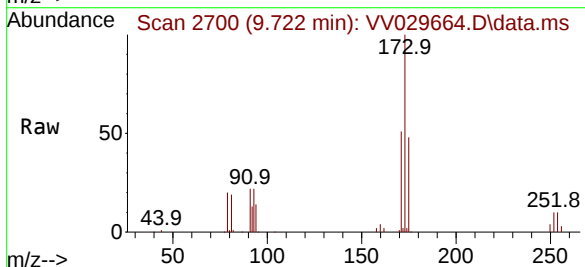
Tgt Ion: 173 Resp: 93049

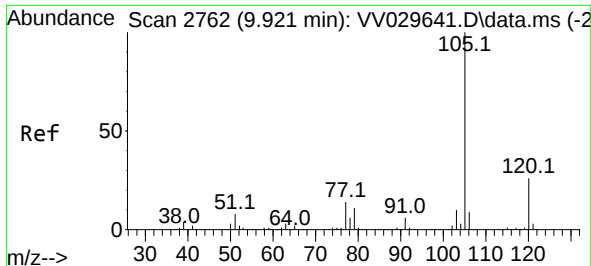
Ion Ratio Lower Upper

173 100

175 48.1 38.4 57.6

254 10.2 7.8 11.8

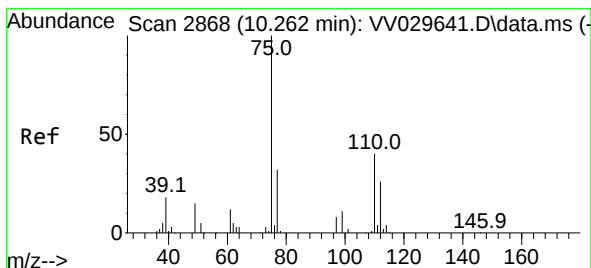
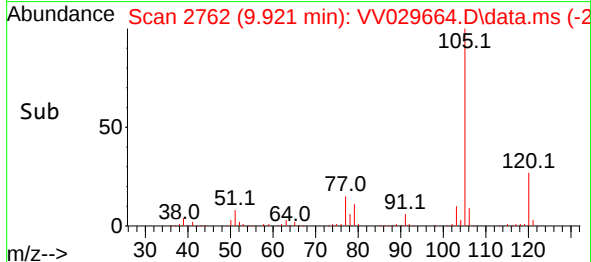
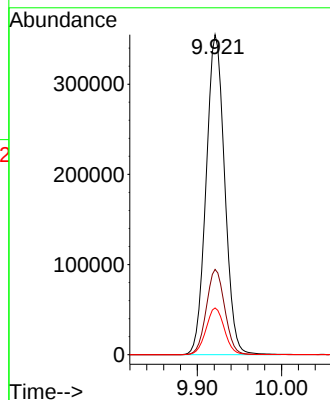
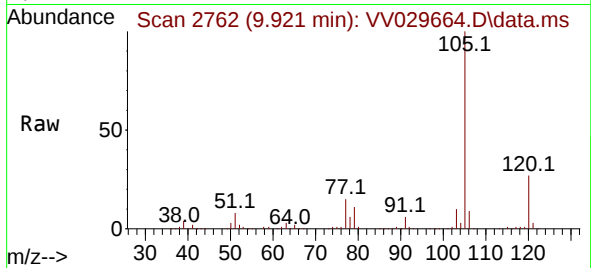




#60
Isopropylbenzene
Concen: 43.152 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029664.D
Acq: 13 Dec 2022 20:20

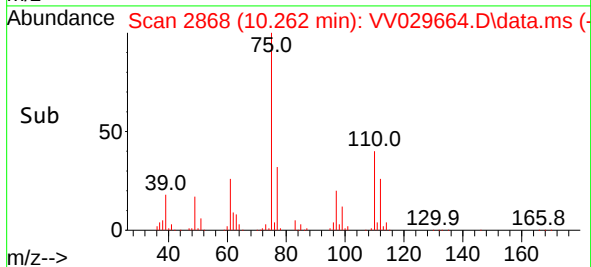
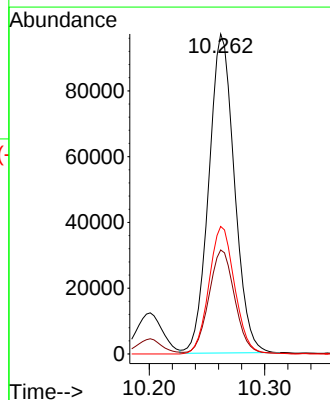
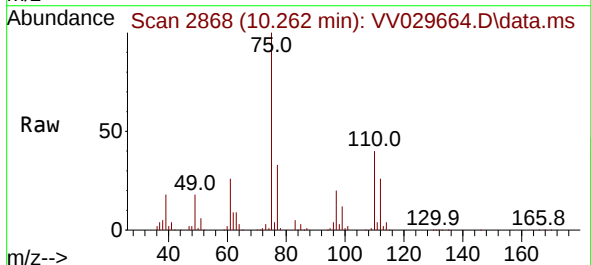
Instrument :
MSVOA_V
ClientSampleId :
EYF51MS

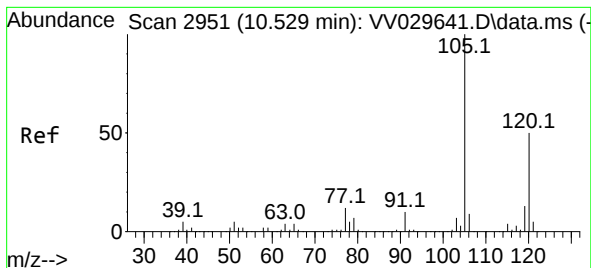
Tgt Ion:105 Resp: 543462
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 14.6 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 45.093 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. -0.000 min
Lab File: VV029664.D
Acq: 13 Dec 2022 20:20

Tgt Ion: 75 Resp: 149307
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.2
110 40.2 32.7 49.1





#62

1,3,5-Trimethylbenzene

Concen: 41.968 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

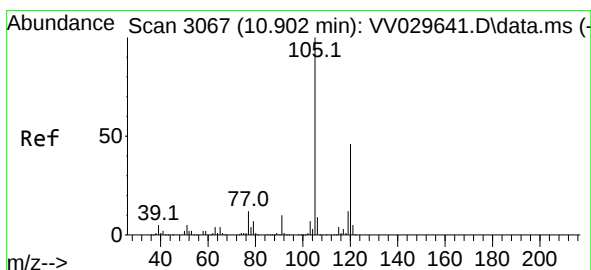
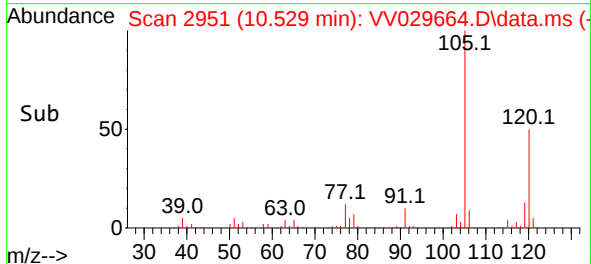
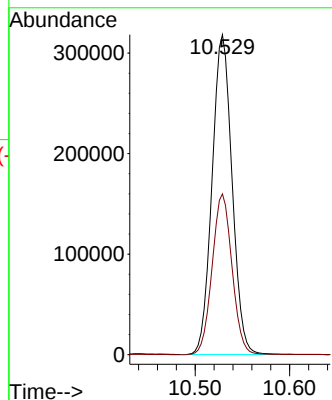
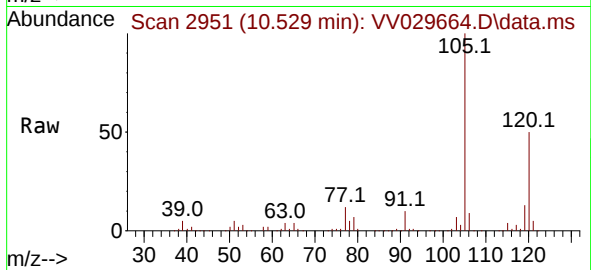
EYF51MS

Tgt Ion:105 Resp: 467331

Ion Ratio Lower Upper

105 100

120 50.0 40.0 60.0



#63

1,2,4-Trimethylbenzene

Concen: 42.723 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.003 min

Lab File: VV029664.D

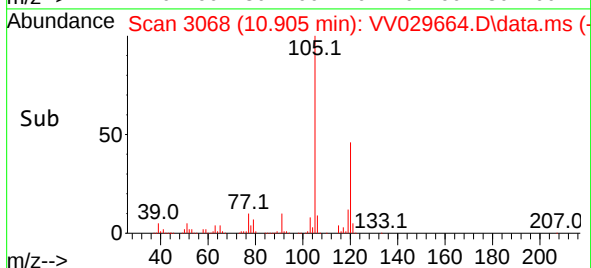
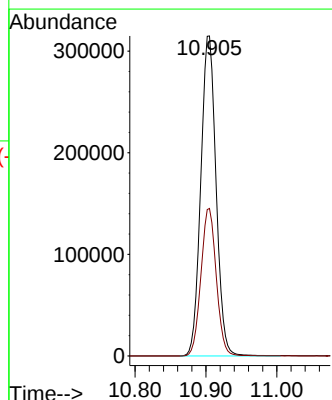
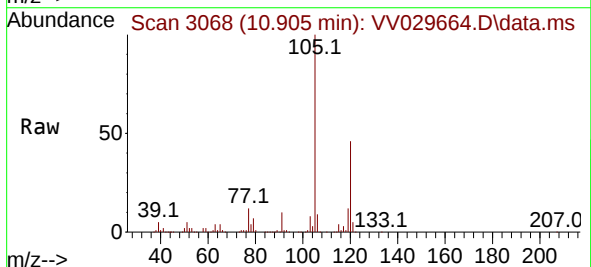
Acq: 13 Dec 2022 20:20

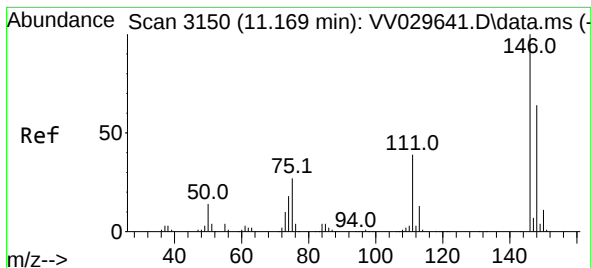
Tgt Ion:105 Resp: 471582

Ion Ratio Lower Upper

105 100

120 46.1 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 43.255 ug/L

RT: 11.169 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

EYF51MS

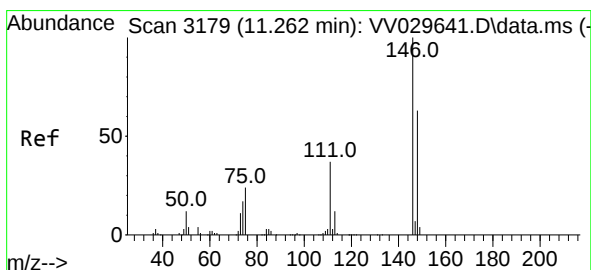
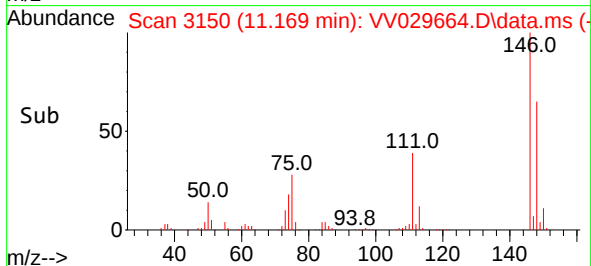
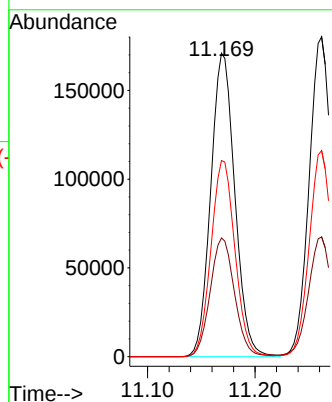
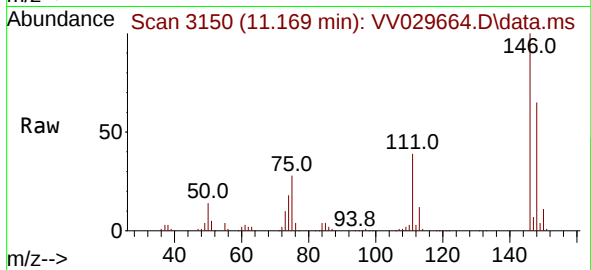
Tgt Ion:146 Resp: 266361

Ion Ratio Lower Upper

146 100

111 39.1 27.4 51.0

148 64.6 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 43.799 ug/L

RT: 11.262 min Scan# 3179

Delta R.T. -0.000 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

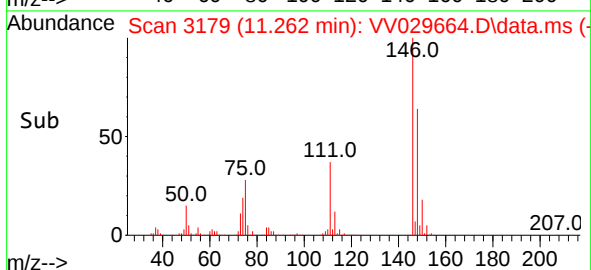
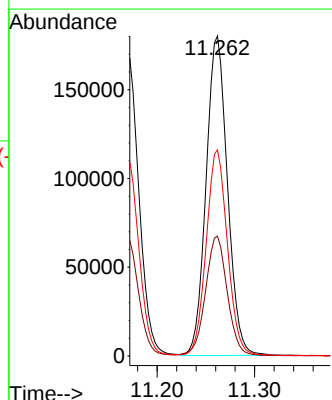
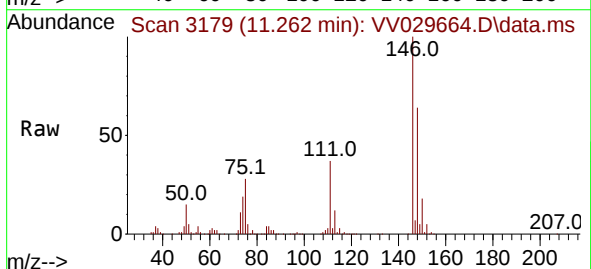
Tgt Ion:146 Resp: 274106

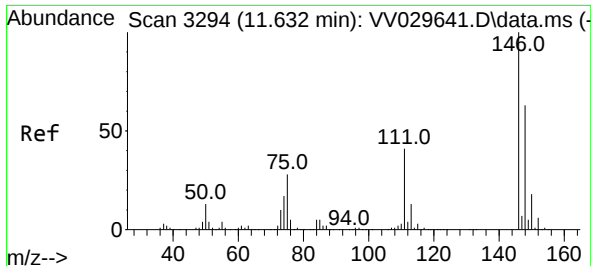
Ion Ratio Lower Upper

146 100

111 37.4 26.2 48.8

148 64.4 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 43.846 ug/L

RT: 11.632 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

Instrument :

MSVOA_V

ClientSampleId :

EYF51MS

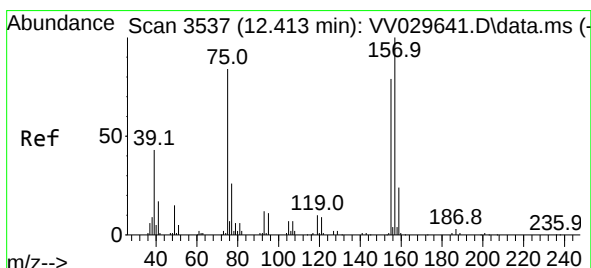
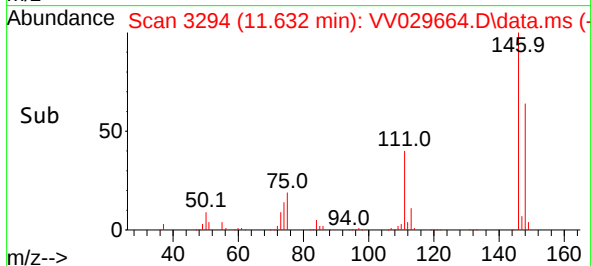
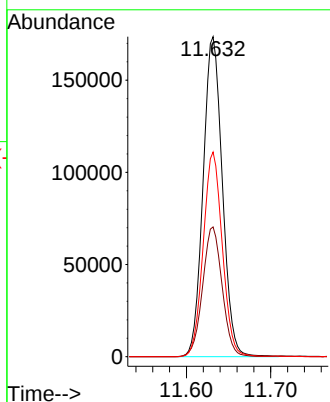
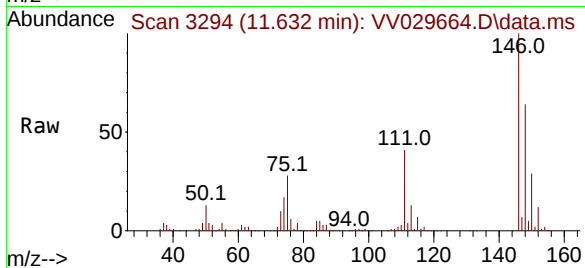
Tgt Ion:146 Resp: 276098

Ion Ratio Lower Upper

146 100

111 40.5 32.0 48.0

148 63.9 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 39.298 ug/L

RT: 12.416 min Scan# 3538

Delta R.T. 0.003 min

Lab File: VV029664.D

Acq: 13 Dec 2022 20:20

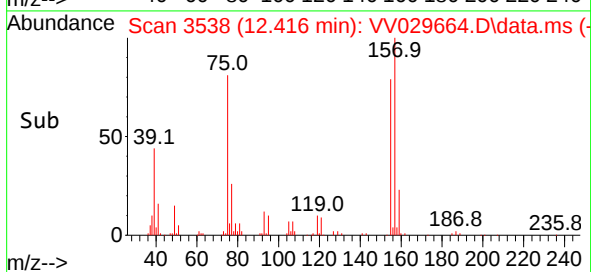
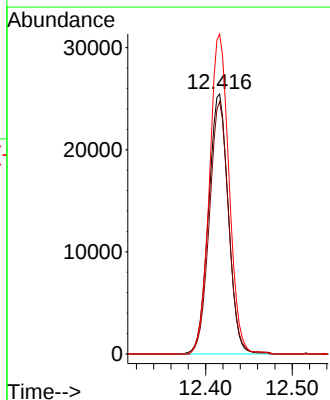
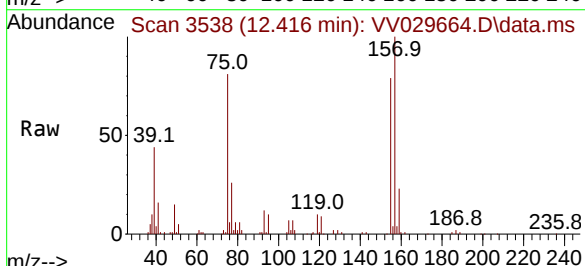
Tgt Ion: 75 Resp: 40442

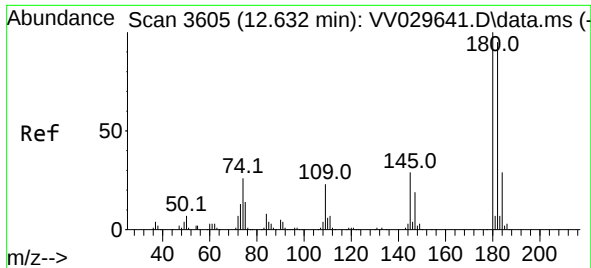
Ion Ratio Lower Upper

75 100

155 97.0 76.2 114.2

157 123.1 96.0 144.0

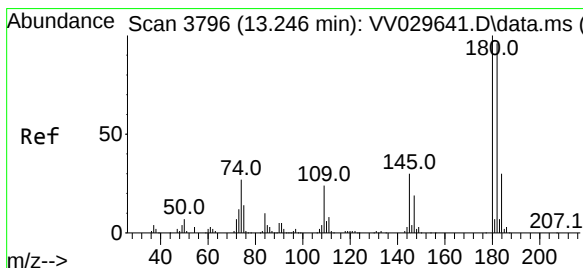
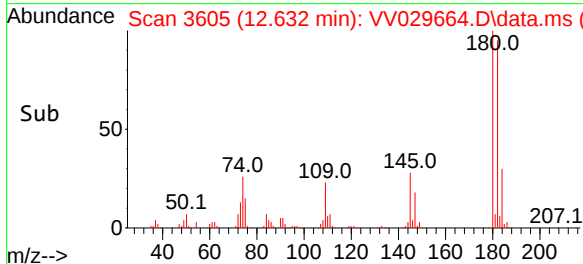
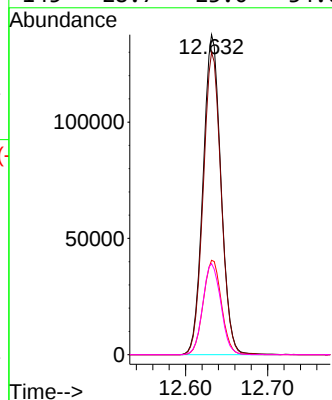
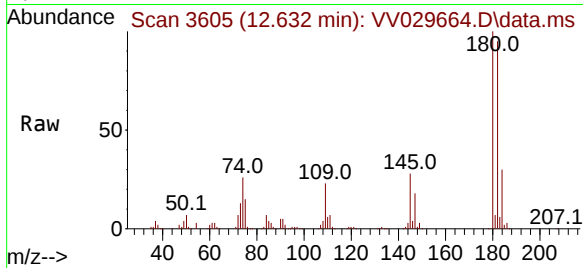




#69
 1,3,5-Trichlorobenzene
 Concen: 42.550 ug/L
 RT: 12.632 min Scan# 3605
 Delta R.T. -0.000 min
 Lab File: VV029664.D
 Acq: 13 Dec 2022 20:20

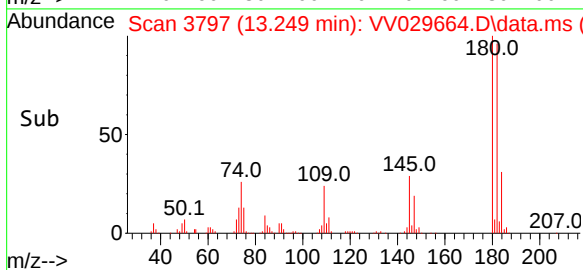
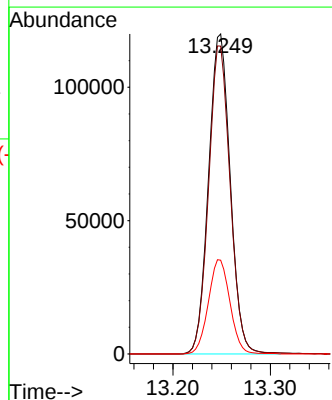
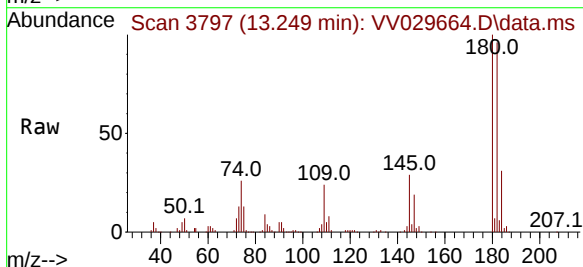
Instrument :
 MSVOA_V
 ClientSampleId :
 EYF51MS

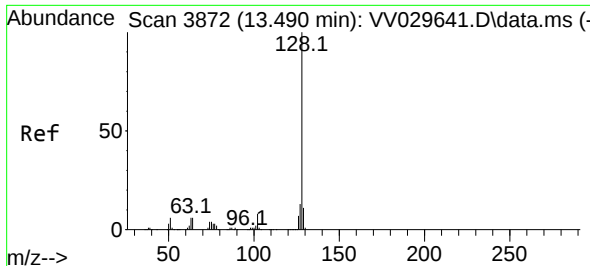
Tgt Ion:180	Resp:	208517
Ion Ratio	Lower	Upper
180	100	
182	94.6	76.5 114.7
184	29.9	24.6 36.8
145	28.7	23.0 34.6



#70
 1,2,4-trichlorobenzene
 Concen: 42.540 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. 0.003 min
 Lab File: VV029664.D
 Acq: 13 Dec 2022 20:20

Tgt Ion:180	Resp:	185377
Ion Ratio	Lower	Upper
180	100	
182	95.7	76.3 114.5
145	29.4	23.7 35.5

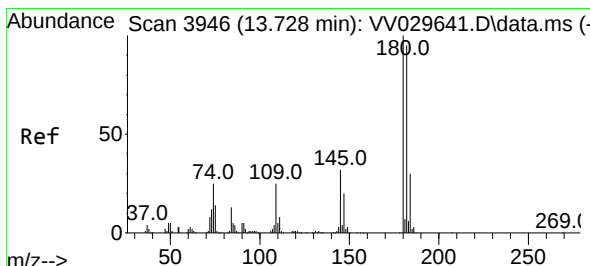
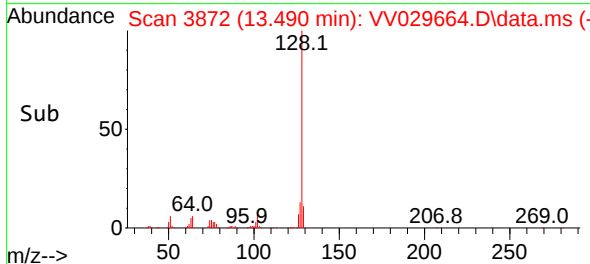
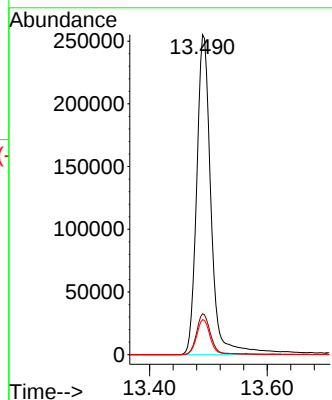
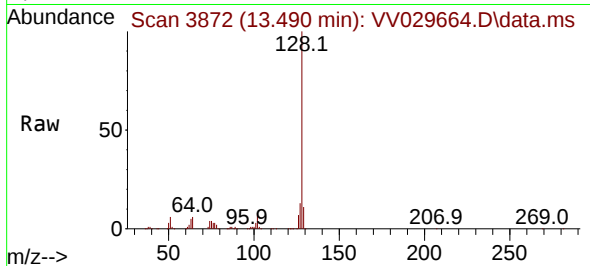




#71
Naphthalene
Concen: 43.766 ug/L
RT: 13.490 min Scan# 3872
Delta R.T. -0.000 min
Lab File: VV029664.D
Acq: 13 Dec 2022 20:20

Instrument :
MSVOA_V
ClientSampleId :
EYF51MS

Tgt Ion:128 Resp: 432609
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.4
129 10.2 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 43.701 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. 0.003 min
Lab File: VV029664.D
Acq: 13 Dec 2022 20:20

Tgt Ion:180 Resp: 186526
Ion Ratio Lower Upper
180 100
182 94.2 76.4 114.6
145 31.5 25.0 37.6

